



Das Werkzeug

2021

WHB21/EN/XX/0





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Numerical Index

⊕ = Component and spare part 📦 = Set / assortment

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0-178	77	600 Lg	114	802-PZ	182	866 U	131	917	156	1107 S	171
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163	86-102, 155-156, 173, 249, 415	650 RF	451	810 U	183	880 MGT	140, 386	986 SL	152, 390	1783	225
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		772	450	849 IG	238	900 SZ 6	160-161	1012	166	1841 A	203
220	381	772	480	849	238	900 SZ	160, 449	1014	165	1841 A VDE	250
279	112	790	391	850	131	900 TZ	150	1015	165	1841 B	203
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426	187	792	391	850 E	132	900 Z	146	1016	165	1841 MA	203
426	95	794	391	850 HL	130	900	145, 151	1016	165	1841 MB	203
428	188	794 U	391	850 Lg	131	901 S Lg	158	1016	165	1845 A	205
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				863	131, 195	916	147-148			1850 M	202

Legend

Structure of the HAZET article number:		Structure of the tables		Explanations of icons	
-	In the case of a single article, you will find e.g. the wrench size after the hyphen [-] Example: 600 N-17 → Wrench size 17 mm	T	Depth in mm		Female connection in torque wrenches
/	In the case of a set or an assortment, you will find the number of parts in the assortment after the slash [/]	t	Load in tons		Drive of insert tools (torque wrenches)
A	American size (dimensions in inches)		TORX ® Size in mm		Body
S	For impact operation (e.g. impact wrench)		Actuating force in kg		Drive
Z	12-point profile		Number of pieces in set/assortment		Chassis Axles/shock absorbers Wheels/tie rods
G	With hinge				Oil service
KK	With ball-head				Exhaust system
K	Short design				Gearbox / shafts
Lg / TZ	Long or deep design				Motor electrical system
S Lg	Very long design				Spark plug Glow plug
T	For inside TORX ® screws				Cylinder head Valves
E	For outside TORX ® screws				Test equipment
PH	For Phillips-Recess screws				Engine block Coolant pump Hose connections
PZ	For Pozidriv screws				Ignition distributor alternator/generator
L	Empty, e.g. tool box empty				Engine components Fuel supply Carburettor/Injection engine
H / HL	In holder / holder, empty				Clutch
P / PL	In plastic insert / insert, empty				Starter
K / KL	In tool box / case / tool box, empty				Battery
R	With ring				Piston
VDE	Tool with protective insulation				Steering
MgT	With magnet				Brakes
IG	For inside thread				General workshop equipment
AG	For outside thread				Passenger car
X	Material: stainless steel				Commercial vehicle
N	New design due to change of model				Agricultural machinery
					Motorcycles
					Industry
					Aircraft and Aerospace
					HAZET INFORMATION TECHNICAL SERVICE
					Borescope / Service technology
					Blister packed
					HAZET blue Registered community trade mark (RAL 660-2 effect)

Structure of the tables	
EAN-No. 4000396+	EAN = European Article Number
B	Width in mm
L	Length in mm
d d ₁ d ₂	Diameter in mm
l ₁	Blade length in mm
l ₂	Total length in mm
M	Metric thread
s	Wrench size in mm or inches
sb	Clamping range in mm
st	Clamping depth in mm

Explanations of icons	
	Components and spare parts (Pages 482 – 490)
	For slotted screws
	For Phillips-Recess screws (PH)
	For Pozidriv screws (PZ)
	For inside hexagon screws
	For outside hexagon screws
	For inside TORX ® screws
	For tamper-resistant TORX ® screws (Inside TORX ® screws with pin)
	For outside TORX ® screws
	TORX ® is the trademark of Acument Intellectual Properties LLC. HAZET is licensee for the manufacture of TORX ® Tools
	For screws with internal serration (XZN)
	For screws with internal serration with pin
	For spline socket screws (RIBE CV)
	For polydrive screws
	For inside 5-star screws with pin
	TRACTION PROFILE 6-point
	TRACTION PROFILE 12-point
	EN/IEC 60900
	Nominal size 6.3
	Nominal size 10
	Nominal size 12.5
	Nominal size 20
	Nominal size 25
	Inside square
	Outside square
	Inside hexagon
	Outside hexagon

Innovative Manufacturing Competence developed and manufactured

 **Made in Germany**



HiPer

**863 HP · 863 HP B · 8816 HP
916 HP · 916 HP L · 916 HP Lg**

Fine-tooth reversible ratchet

863 HP · 863 HP B $6.3 \frac{1}{4}$ 120 Nm · 90°

8816 HP $10 \frac{3}{8}$ 400 Nm · 90°

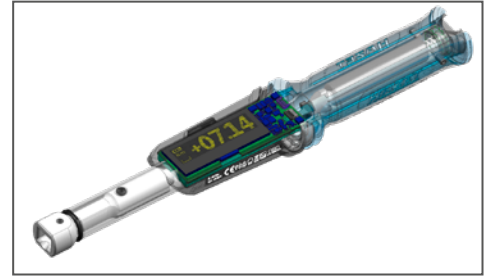
916 HP · 916 HP L $12 \frac{1}{2}$ 1000 Nm · 90°



smartTAC

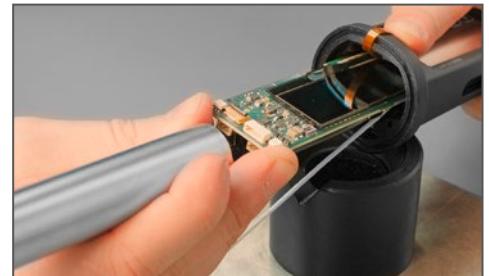
SYSTEM 7000 sTAC

Electronic torque wrenches with built-in angle gauge, 1 – 1000 Nm, ± 1%



Development

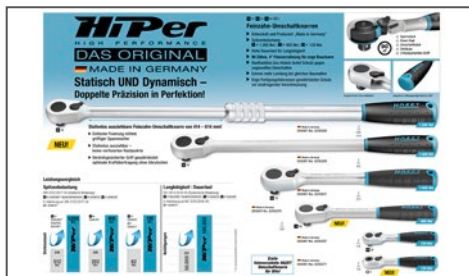
Production



Application



Marketing





Das Werkzeug



Assistant

179 N XL

Tool trolley concept
in 4 variants



760-2

Universal pliers with
quick-adjust lever



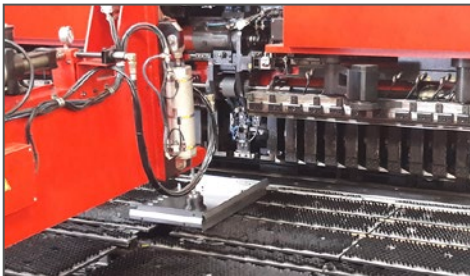
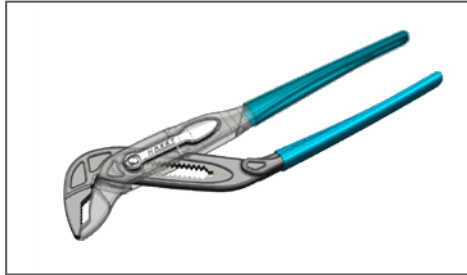
600 Lg

Combination wrenches,
extra long s 10-41 mm

179 N
179 N X
[b 786 mm]

179 N XL
[b 959 mm]

179 N XXL
[b 1133 mm]

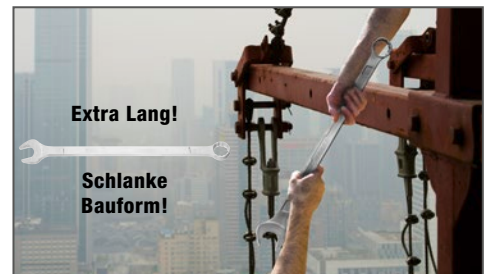
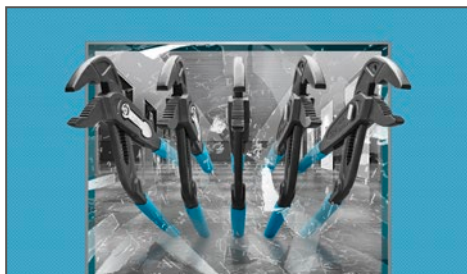


Neue Werkstattwagen Generation!

Assistant 179 N

Extrem robust - Made in Germany

- 1. **Robustheit** - Die Werkzeuge sind aus hochwertigem Stahl gefertigt und sind für den Einsatz in der Industrie geeignet.
- 2. **Flexibilität** - Die Werkzeuge sind in verschiedenen Größen und Ausführungen erhältlich, um den unterschiedlichen Anforderungen gerecht zu werden.
- 3. **Lebensdauer** - Die Werkzeuge sind für einen langfristigen Einsatz konzipiert und sind leicht zu warten.
- 4. **Sicherheit** - Die Werkzeuge sind mit Sicherheitsfunktionen ausgestattet, um das Risiko von Verletzungen zu minimieren.
- 5. **Vielseitigkeit** - Die Werkzeuge sind für eine Vielzahl von Aufgaben geeignet, von der Montage bis zur Reparatur.
- 6. **Leichtgewicht** - Die Werkzeuge sind leicht zu handhaben und eignen sich für den Einsatz in engen Räumen.
- 7. **Preis-Leistungs-Verhältnis** - Die Werkzeuge bieten ein hervorragendes Preis-Leistungs-Verhältnis und sind eine lohnende Investition für jeden Betrieb.





HAZET – Awards and recognitions



<p>iF product design award 2012</p>	<p>HiPer 916 HP Lg</p> <p>reddot winner 2020</p>	<p>GERMAN DESIGN AWARD SPECIAL 2018</p> <p>EISEN 2016</p> <p>reddot award 2017 honourable mention</p>	<p>EISEN 2018</p> <p>HiPer 916 HP</p> <p>Hazet HiPer Feinzahn-Umschaltknarre 916HP Meisterklasse MOTOR & MASCHINE 1,0 Preis/Leistung: gut</p>
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Winner of the “Best Brand Award” for the fifteenth time in a row!

HAZET was chosen by the readers of the magazine “Motorrad” as the most popular tool brand “Best Brand” from 2006 to 2020!



HAZET tools are used for:



ALFA ROMEO · AUDI · BAYER · CITROËN · DACIA · DAF · FENDT · FIAT · FORD · HARLEY-DAVIDSON · HONDA · HYUNDAI · JAGUAR · JEEP · KIA · LAND ROVER · LUFTHANSA · MAN · MAZDA · NISSAN · RENAULT · SAAB · SCANIA · SEAT · ŠKODA · SUBARU · SUZUKI · TELEKOM · TOYOTA · TRUMPF · VOLKSWAGEN

HAZET – Recommendations



**Specialized tool assortment
– recommended by BMW –**



PORSCHE
MOTORSPORT



**PORSCHE
MOTORSPORT
relies on:**

**HAZET Service
Tool Trolley and
Assortments**

Development and Design

Plant 1, Remscheid



Blanking

Plant 1, Remscheid



Tool and die making

Plant 1, Remscheid



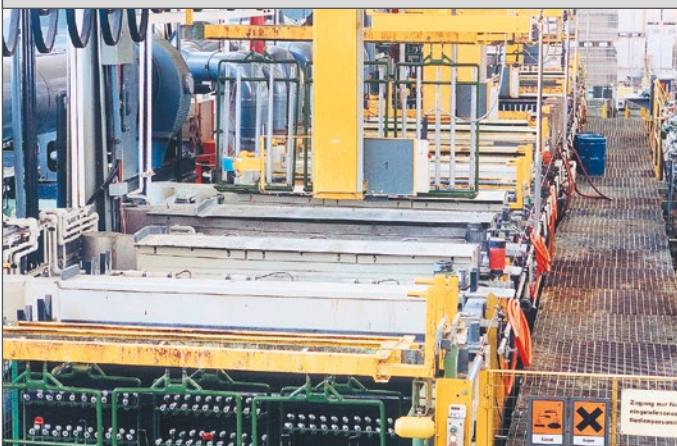
Production

Plant 1, Remscheid



Electroplating

Plant 2, Heinsberg



Production

Plant 1, Remscheid



We stand for solutions – from concept to series production

With over 150 years of experience in the development and production of hand tools, tool trolleys and special tools in three plants in Remscheid and one in Heinsberg, HAZET is one of the leading manufacturers for professional applications in industry, automotive engineering and aeronautics.

Production

Plant 2, Heinsberg



Robotic manufacturing of blanks

Plant 2, Heinsberg



Sheet metal forming tool trolley production *Assistant*

Plant 3, Remscheid



Powder coating

Plant 3, Remscheid



Torque wrench assembly

Plant 4, Remscheid



Logistics Centre

Plant 2, Heinsberg



Quality assurance and sustainability

HAZET management system for quality – environment – energy



“In our family company, we focus on services for the community and the environment alongside our economic aims, in order to ensure we can do business sustainably for generations to come.

For us, it goes without saying that we assume a role model function and integrate the necessary sense of responsibility into the company in terms of protecting and conserving the environment. We therefore also place great value on maintaining our standards when selecting our suppliers and service providers. We also set the bar very high for safety at work as our employees are our most important asset.”

Your HAZET management team

Sustainability measures

Green energy

Use of steel from Germany (environmentally friendly thanks to shorter transport distances)

Conservation of resources

Energy evaluation

In-house production proportion of approx. 80 %

Safety at work

Continual optimisation measures

Ökoprofit Award (resource efficiency and cost-effectiveness)

ISO 14001 Certificate (environmental management standard with focus on a continuous improvement process)

Klimainvest Green Concepts GmbH certifies that our Plant 2 in Heinsberg gets eco-electricity exclusively from renewable energy plants

FSC paper (responsibly sourced paper) use in packaging and catalogues

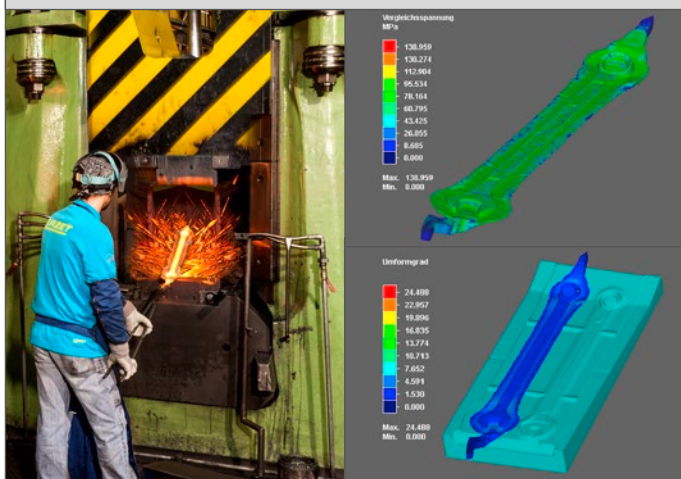
ISO 50001 certificate (energy management with a focus on increasing energy efficiency)

PARTSLIFE environmental prize for a sustainable overall concept in environmental management

Consistently high quality standards from the initial product idea through to the after-sales service

High-tech programme

for simulation e.g. of forging processes



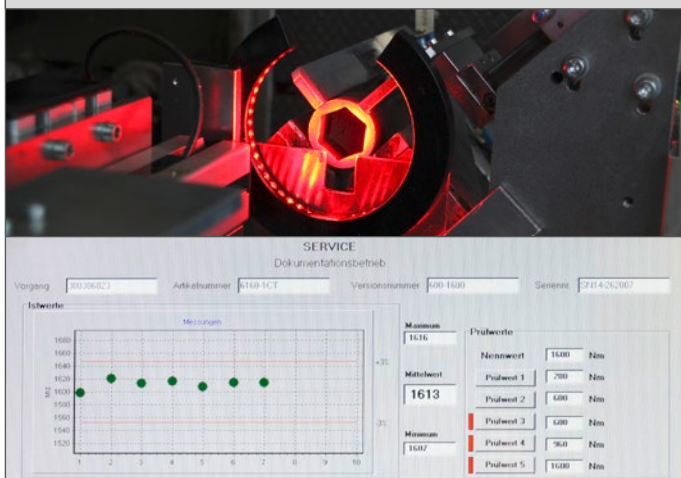
Prototyping –

for testing the first design drafts and functionalities



Maximum precision

and accuracy in all production processes



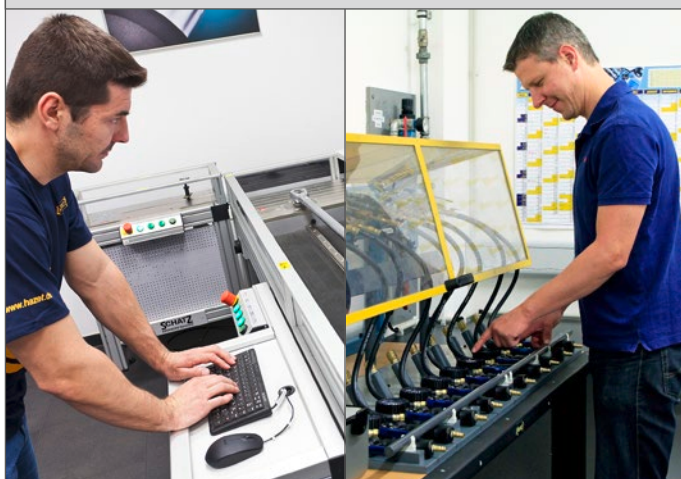
Service lifetime tests –

Alongside high loads, endurance tests are the focus of our quality assurance



Own DAkkS calibration laboratory

and HAZET calibration facility



Service centre –

the best after-sales service even long after purchase!





Service – Training – Competence and Quality

HAZET-Welt

Show and training centre on 600 m²



Trade shows and exhibitions

65 x per year in Germany and abroad for you on site



20 demonstration vans in Germany and abroad

for directly assisting customers



Competent specialist advice

Problem solver on four wheels



Own DAkkS calibration laboratory

Accredited according to
DIN EN ISO/IEC 17025



Integrated management system

for quality, environment and energy in accordance with DIN EN ISO 9001, DIN EN ISO 14001 and DIN EN ISO 50001

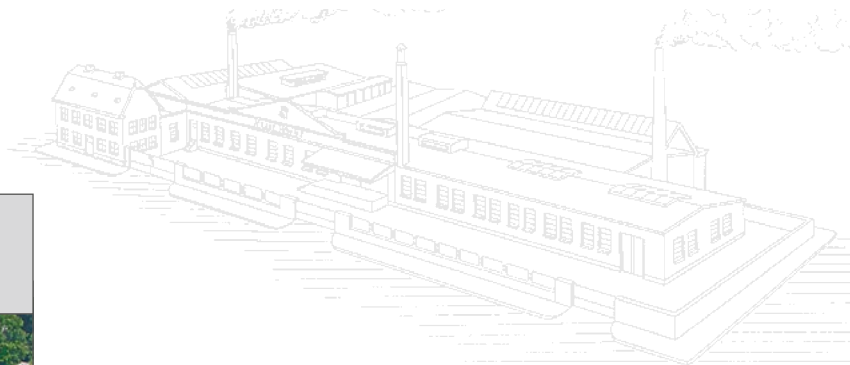


Short company profile



- HAZET was established in 1868 by Hermann Zerver.
- The brand name “HAZET” has its roots in the initials of its founder, where the “H” (HA in German) stands for Hermann and the “Z” (ZET in German) for Zerver.
- HAZET is now a fifth generation family business.

Production locations



Plant 1 · Remscheid

Blanking, production and administration



Plant 2 · Heinsberg

Logistics centre and production, for example, of reversible ratchets and sockets



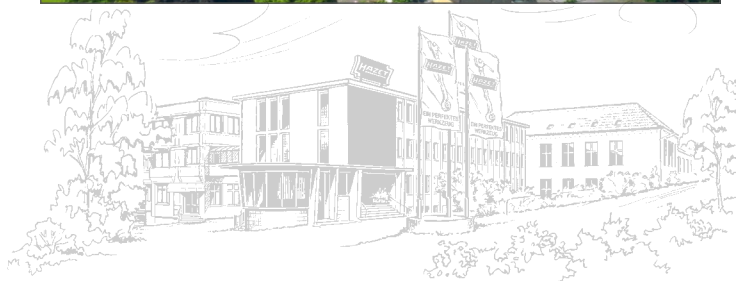
Plant 3 · Remscheid

Sheet metal forming, powder system and production of tool trolleys *Assistent*






Plant 4 · Remscheid

Torque technology



2021 New Products and Specials

Tool modules

163-542/18 → 102	163-548/14 → 101
163-543/18 → 102	163-570/24 → 94
163-544/26 → 103	163-571/22 → 89
163-545/41 → 102	163-580/18 → 102
163-546/12 → 103	



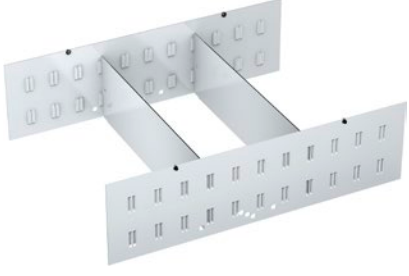
**Paper bin
179 N**








179 N-33 → 50

**Separation sheets
161 T**




161 T-179 N/4 H	→ 49
161 T-179 NXL/5 H	→ 49
161 T-179 NXXL/6 H	→ 49
161 T-395 x 60/5	→ 48
161 T-395 x 120/5	→ 48

**HiPer reversible ratchet for
screwdriver bits · fine-tooth
863 HP**




863 HP B → 195

**HiPer reversible ratchet · fine-tooth
8816 HP**




8816 HP → 137

**HiPer reversible ratchet · fine-tooth · long
916 HP L**




916 HP L → 148

**HiPer reversible ratchet · fine-tooth · extendable
916 HP Lg**

916 HP Lg → 148

**Socket set
953 HP**

953 HP → 145

**Screwdriver socket
986 L**





986 L-4 ... -14 → 152

2021 New Products and Specials


**Screwdriver socket
986 SL**



152

986 SL-4 ... -14 → 152


**Screwdriver with T-handle
828 Lg (T)**



188-189

828 Lg-6 → 188 828 Lg-T 40 → 189


**Screwdriver with T-handle
829 KK**



189

829 KK-2 ... 8 → 189 829 KK/7 → 189


**Screwdriver with T-handle
829 KK-T**



189

829 KK T-T 9 ... T 40 → 189 829 KK T/7 → 189


**Flat nose pliers
1816 K-1**



203

1816 K-1 → 203


**Wood splitting tools
2132 - 2135**



217-218

2132-600 → 217 2134-1250 → 218
2133-1250 → 217 2135-3000 → 218

**Wrench · with protective insulation
450 KV · 630 KV**



245

450 KV-7 ... 32 → 245 630 KV-7 ... 32 → 245

**(Screwdriver) socket · with protective insulation
880 KV · 8801 K · 8802 KV · 8808 Lg-KV
900 KV · 986 Lg-KV**



246-247

880 KV-6 ... 22 → 246 8808 Lg-8 KV ... 12 KV → 246
8801 K-5 KV ... 6 KV → 246 900 KV-10 ... 32 → 247
8802 KV-T 10 ... T 50 → 246 986 Lg-4 KV ... 10 KV → 247
8802 KV-Lg-T 10 ... T 50 → 246

**Torque wrench · with protective insulation
SYSTEM 5000 KV**



252

5108 KV → 252 5121 KV → 252
5109 KV → 252

2021 New Products and Specials

**Torque wrench
SYSTEM 5000-3 CT**



278



5111-3 CT → 278 5143-3 CT → 278

**Torque wrench
SYSTEM 5200-3 CT**



279



5290-3 CT → 279 5292-3 CT → 279

**Insert tool holder set
6400 CD**



286



6400 CD/29 → 286

**Twin Turbo impact wrench
9012 ATT**



312



9012 ATT → 312

**Twin Turbo impact wrench
9013 Lg TT**



314



9013 Lg TT → 314 / 315

**Twin Turbo impact wrench
9014 TT**



315



9014 TT → 315

**Needle scaler
9035 M-5**



332-333



9035 M-5-333 →

**LED lights
1979**



361-364



1979-11 → 361 1979 W-11 → 362
1979 NW/3 → 364 1979 W-11/3 → 364

**Fuel filter wrench
2168**



392



2168-2 → 392

2021 New Products and Specials

Oil filter wrench
2169





2169-76 B → 412

Oil filter wrench
2169





2169-8 A → 412




Operating tool Henn clamps
4562








4562-2 → 403

Brake fluid tester
4954




4954-2 → 419

Brake piston readjusting tool set · pneumatic
4970 P




4970 P-1/4 → 422

Blind rivet pliers
1963




1963-2 → 461

Box-end wrench – striking face pattern · 12-point with 2 striking faces
2784 SR

2784 SR-1 → 481

Brake calliper resetting tool
4971

4971-12 → 473





Tool Trolley *Assistent*

33–43

Work Benches / Tool Cabinets

44–48

Tool trolley /work bench accessories

48–51

Tool trolley *Assistent* with assortment

52–75

Work bench *Assistent* with assortment

76–79

Tool case

80–81

Tool Assortments

82–84

Tool Modules

85–103



HAZET tool trolleys – Job well done – by HAZET!



Assistant[®]

Made in Germany





Work surfaces, edge protection and drawer fronts

- 179 N with plastic or 179 N X, 179 N XL, 179 N XXL with stainless steel work surface
- Much bigger storage and work area, depending on trolley variant up to 30 %

1

Work areas

- Fully sealed, solvent-resistant plastic or stainless steel work surface protects inside of trolley from leaking liquids
- Extra protection through high-quality plastic end caps
- Stainless steel work surface (179 N X, 179 N XL, 179 N XXL)
- Interfaces integrated in the work area for accessories such as laptop holders and top modules

2

Body / Pull-handle

- Extremely robust design thanks to dual-wall structure
- Complete welded construction of the entire body for tough daily workshop use
- Optimised, yielding edge protection on all four corners with real impact protection thanks to internal damping concept
- Ergonomically optimised pull handle for better manoeuvrability
- Left metal handle, powder coated in black for the 179 N or robust brushed stainless steel handle for the 179 N X as well as 179 N XL and 179 N XXL

3

Locking concept

- Ergonomically arranged side lock position for better operability protects keys and lock against damage
- Highly secure closing system with new central locking technology for optimum protection of your property
- 2-stage locking:
 - Central locking, lockable with cylinder lock and two folding keys
 - Mutual drawer locking for a minimum tilting risk

4

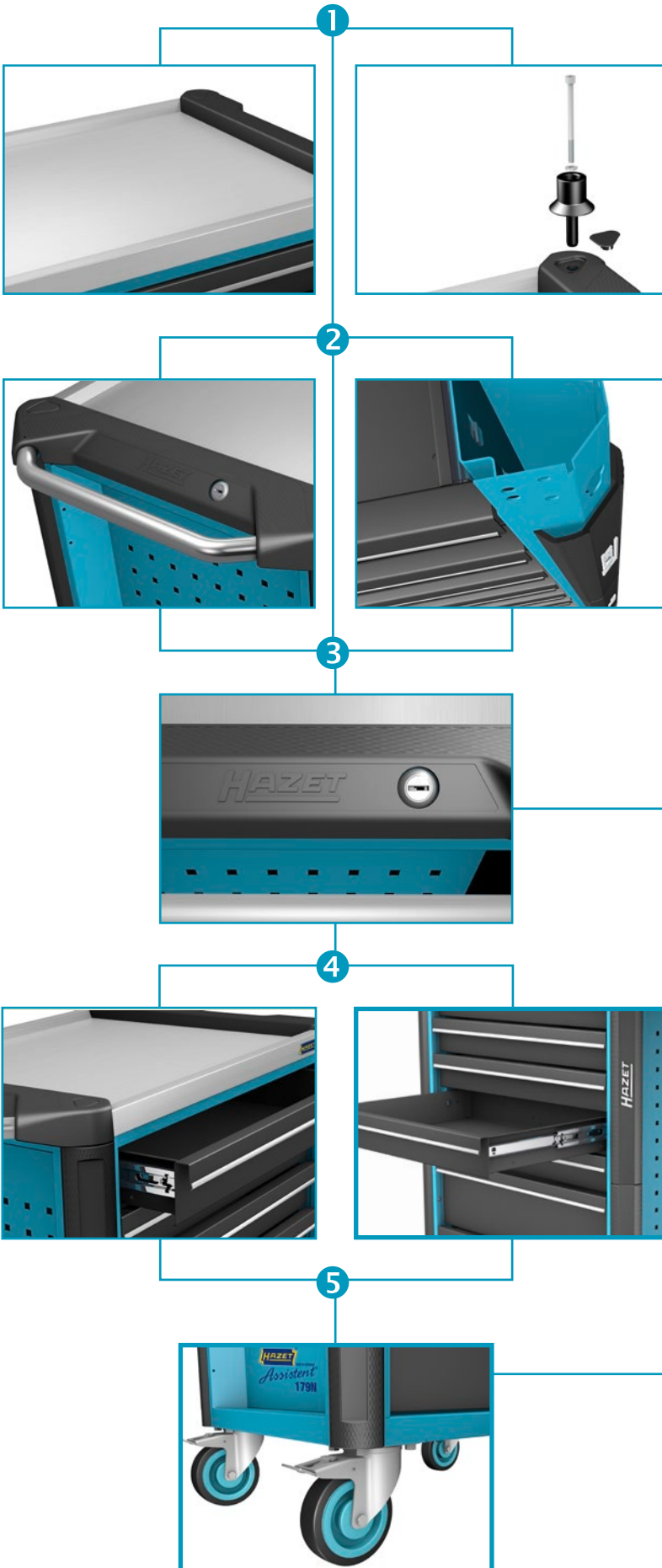
Drawer concept

- Self-closing and reciprocal locking of the drawers prevents unwanted opening
- Loading capacity per drawer
 - 25 kg: 179 N · 179 N X
 - 40 kg: 179 N XL · 179 N XXL
- 100% slide-out with ball-bearing telescopic rails
- New drawer design for optimum use of the interior
- New drawer fronts for optimised handling
- New dirt-insensitive drawer coating for easy cleaning
- Drawer size for order system 3/3+
- Flat drawer (*h* 76.5 mm), high drawer (*h* 161 mm)

5

High performance chassis

- Large wheels with high loading capacity (\varnothing 125 mm) with precision ball bearing and dual ball race in the swivel bearing, easy manoeuvrability, even with high dynamic load
- 2 swivel castors with double stop function: fixed castor prevents inadvertent rolling of the trolley, fixed swivel bearing prevents the castors from swivelling, e.g. on an inclined surface
- Protective ring prevents dirt and threads from getting in
- Non-marking elastic tyres enable smooth movement





Mobile work bench

Assistant[®] 179 NW



1

Cable duct on rear panel allows battery devices to be charged when the door is closed, for instance

2

Lock located in the centre (central locking and cylinder lock) closes the door and drawers at the same time. One key for locking the door and drawer at the same time. (Included in delivery: 2 keys)

3

Optimised, yielding edge protection on all four corners with real impact protection thanks to internal damping concept

4

Complete welded construction of the entire body for tough daily workshop use

5

Additional rectangular perforation for tool holder, e.g. HAZET 112-230

6

6 flat drawers, loading capacity 25 kg, 76 mm high

7

1 heavy duty drawer, loading capacity: 40 kg, 161 mm high

6 + 7

100% drawer slide-out with ball-bearing telescopic rails – self-closing. Mutual drawer locking for a minimum tilting risk

8

Intermediary tray adjustable in 9 positions, permanently mounted door

9

Wood multiplex birch work surface, replaceable



General Workshop Equipment



Tool trolley and work bench accessories



HAZET No.	Designation	Tool trolley <i>Assistant</i> type:										
		166 C	167 T	167-3	167-3 S	177	177 W	178 N	179 N (X)	179 NW	179 N XL	179 N XXL
112/11	Tool holder		×	×	×	×	×	×	×	×	×	×
161 T-178 N/4	Separation sheet set							×				
161 T-179 N XL/5	Separation sheet set										×	
161 T-179 N XL/5 H	Separation sheet set										×	
161 T-179 N XXL/6	Separation sheet set											×
161 T-179 N XXL/6 H	Separation sheet set											×
161 T-179 N/4	Separation sheet set								×	×		
161 T-179 N/4 H	Separation sheet set								×	×		
161 T-347 x 120/5	Separation sheets					×	×					
161 T-347 x 60/5	Separation sheets					×	×					
161 T-395 x 120/5	Separation sheets								×	×	×	×
161 T-395 x 60/5	Separation sheets								×	×	×	×
161-1	Anti-slipping mat					×	×	×				
161-9	Window pane holder	×										
162 C-5	Container for small parts	×	×									
162 C-6/5	Separation sheets for intermediary tray	×										
167 T 23	Storage board		×									
167 T 26	Perforated tool panel		×									
173-38	Anti-slipping mat										×	
177 W-21	Door							×				
179 N W-11	Machinist's vice fastening set							×		×		
179 N W-22	Shelf drawer									×		
179 N W-23	Storage shelf									×		
179 N W-26	Vertical tool panel									×		
179 N XL-26	Vertical tool panel										×	
179 N XXL-26	Vertical tool panel											×
179 N-19	Small parts collector								×	×	×	×
179 N-21	Side door								×		×	×
179 N-26	Vertical tool panel								×			
179 N-33	Paper bin				×	×	×	×	×	×	×	×
179 N-35	Can holder		×		×		×	×	×		×	×
179 N-40	Basic fixture								×		×	×
179 N-42	Laptop holder · complete								×		×	×
179 N-45	Tray holder			×	×	×		×	×		×	×
179 W-40	Basic fixture						×			×		
179 W-42	Laptop holder						×			×		
179-35	Can holder		×	×		×	×	×	×	×	×	×
180-24	Document holder		×		×	×	×	×	×	×	×	×
180-34	Holder for paper reel				×	×	×	×	×		×	×
180-35	Can holder		×		×					×		
2175 N	Machinist's vice					×	×			×		
2175 N-11	Washer					×						

1) To be used in pairs

2) Observe application note

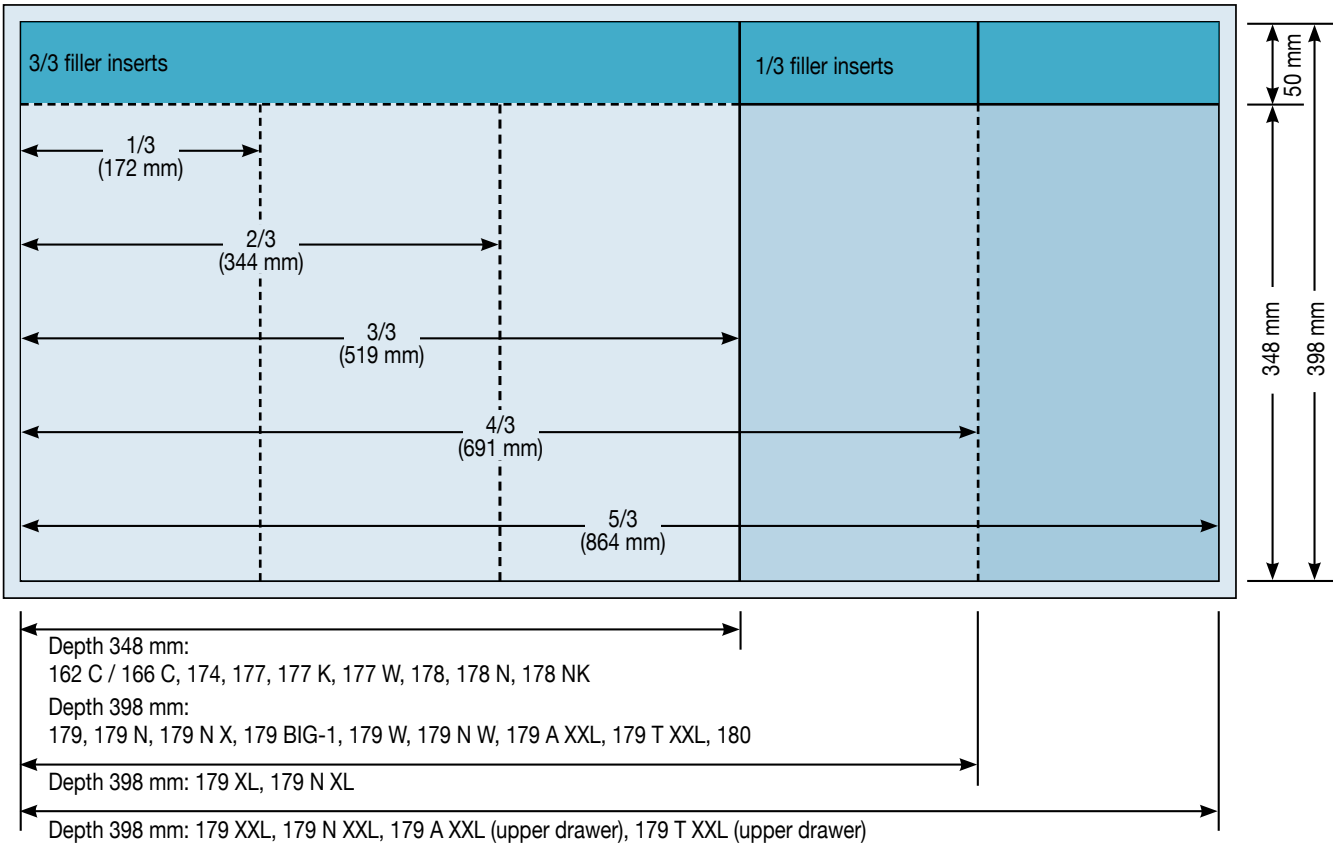
3) In conjunction with 179 N W-11

4) Together with 179 T-26

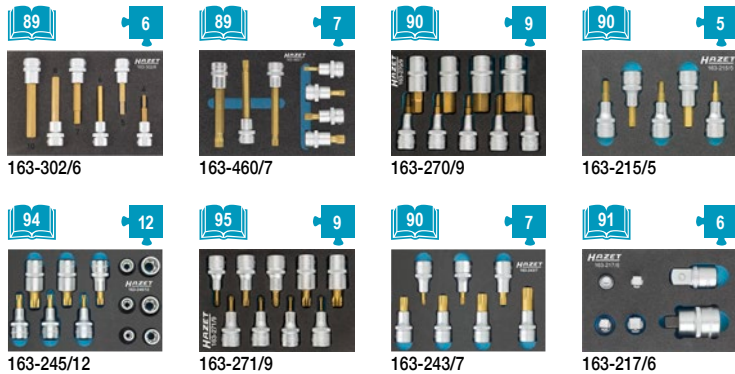
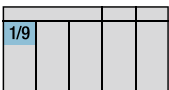


The modules

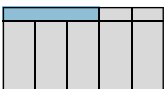
The right insert for every drawer



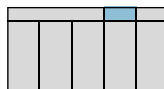
1/9



3/3 filler inserts



1/3 filler insert





General Workshop Equipment



1/3

1/3			
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163-292/8



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163-97/6



163-259/14



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163-272/32



163-191/18



163-459/15



163-463/15



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163-184/6



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163-266/6



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163-124/4



163-121/4



163-425/3



163-464/3



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163-580/18



163-229/7



163-226/4



163-227/3



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163-130 L

1/3+

1/3+			
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163-519/12



163-509/12



163-515/16



163-520/15



163-518/9



163-379/38



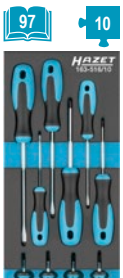
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163-522/6



163-516/10



163-380/4



163-517/15



163-382/3



163-375/5



163-511/4



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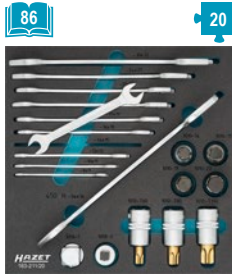


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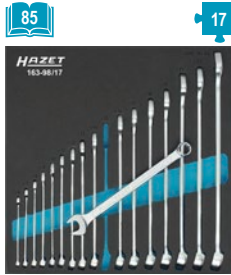


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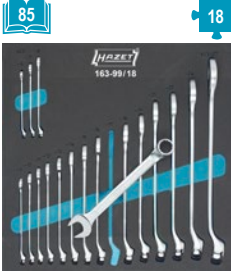
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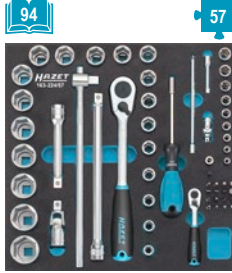
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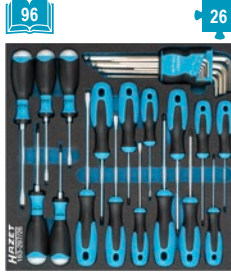
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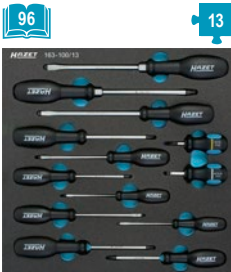
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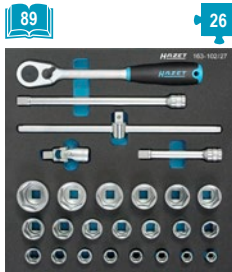
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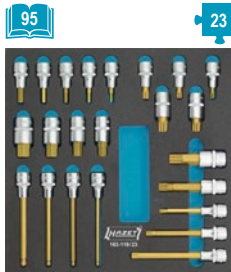
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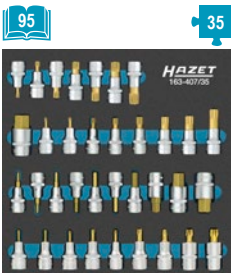
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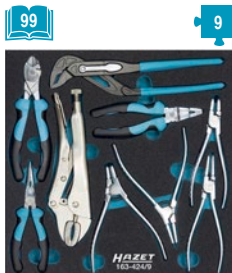
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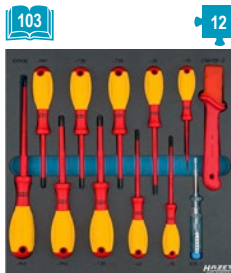
163-119/23



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2/3+		
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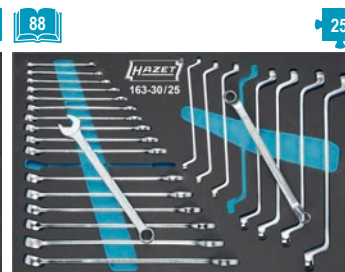
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3/3		
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163-210/19



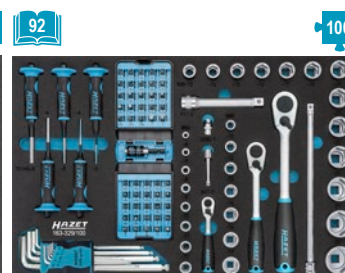
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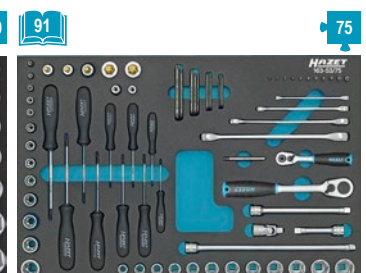
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General Workshop Equipment



3/3 (continued)

3/3		
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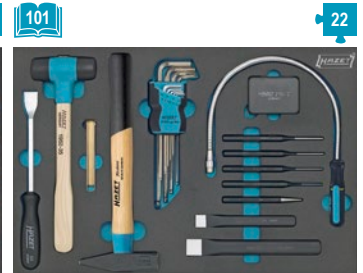
163-406/20



163-120/24



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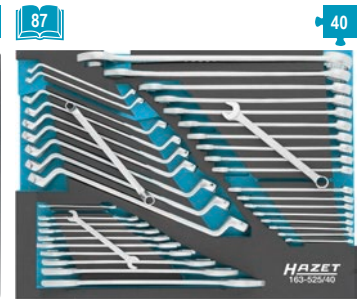
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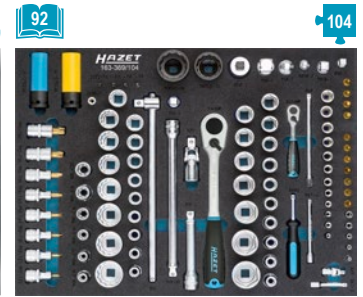
163-371/7



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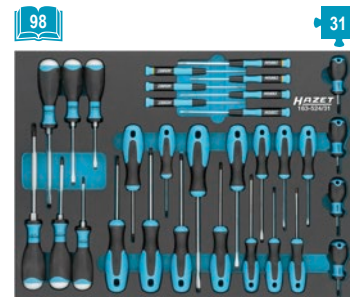
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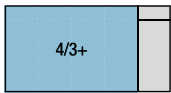
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4/3+



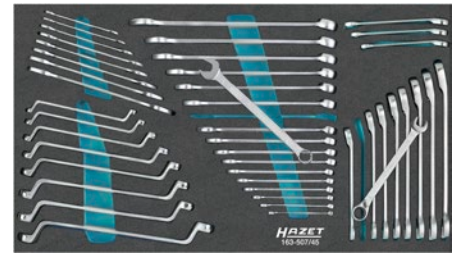
87



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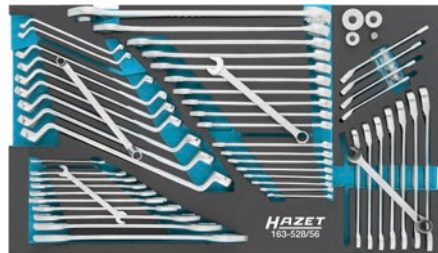
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56

100



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26



HAZET tool trolley

Made in Germany

HAZET No.	Technical Specifications					Design			
	L x W x H mm	Total loading capacity (static) kg	Loading capacity per drawer kg	Drawer sliding-out %	Module size	Impact protection	Work-top	Drawer lock	
177-6 -7 	780x498x915	300	20	100%			Plastic, solvent resistant	Central locking individual drawer locking per drawer	33
178 N-7 	781x498x1037	480	20	100%			Plastic, solvent resistant	Central locking individual drawer locking per drawer	35
178 N K-3 	696x488x390	145	20	100%				Central locking individual drawer locking per drawer	35
179 N-6 ... -9 	785x518x1020	540	25	100%		All corners are protected by rubber edge protection	Plastic, solvent resistant	Self-closing central locking mutual drawer locking	37
179 N X-6 ... -8 	786x518x1020	540	25	100%		All corners are protected by rubber edge protection	Stainless steel	Self-closing central locking mutual drawer locking	37
179 N XL-6 ... -8 	959x518x1020	1000	40	100%		All corners are protected by rubber edge protection	Stainless steel	Self-closing central locking mutual drawer locking	39
179 N XXL-7 ... -8 	1133x518x1020	1000	40	100%		All corners are protected by rubber edge protection	Stainless steel	Self-closing central locking mutual drawer locking	40



HAZET No.	Technical Specifications					Design			
	L x W x H mm	Total loading capacity (static) kg	Loading capacity per drawer kg	Drawer sliding-out %	Module size	Impact protection	Work-top	Drawer lock	
166 N 	680x350x965	300				Plastic profile for shock protection	PVC mat	Padlock	41
166 C 	725x398x1102	300				Plastic profile for shock protection	Wood multiplex beech	Padlock	41
167-3 	890x542x899	150			 2x				42
167-3 S 	888x541x899	150			 2x				42
167 T 	773x740x1345	150							43
177 W-6 -7 	1040x520x934	750	20	100%			Wood multiplex birch	Central locking individual drawer locking per drawer	44
179 N W-7 	1150x600x965	750	25 / 40	100%		All corners are protected by rubber edge protection	Wood multiplex birch	Central locking individual locking for each drawer mutual drawer locking	45



General Workshop Equipment

Tool Trolley *Assistant*



Tool Trolley *Assistant*

177 Tool trolley *Assistant*

Made in Germany

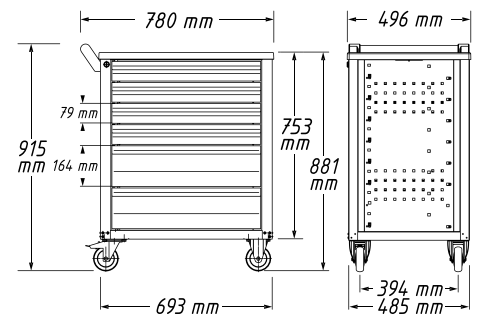
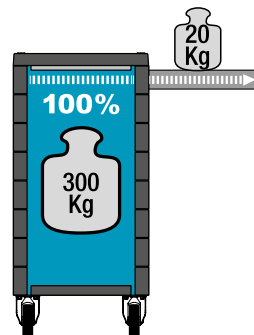
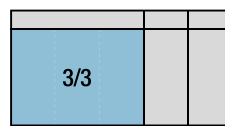
• Tool trolley

- Large ball-bearing wheels (∅ 100 mm), easy manoeuvrability, even with high dynamic load
- 2 swivel castors (∅ 100 mm), 1 x lockable
- Thread guard – protects the bearings against dirt and threads
- Grey non-marking elastic tyres enable smooth movement
- Two-stage locking concept:
 - Central locking, lockable with cylinder lock and 2 keys
 - Individual drawer locking prevents unwanted drawer opening
 - 100% sliding-out with roller guides
- Total loading capacity (dynamic): 300 kg
- Loading capacity (static): 300 kg
- Worktop: Plastic, resistant to solvent, with integrated storage wells
- Loading capacity per drawer: 20 kg
- Colour: HAZET blue



The following accessories are available separately:

HAZET No.	Designation		HAZET No.	Designation	
112/11	Tool holder	47	180-24	Document holder	51
161-1	Anti-slipping mat	48	179 N-33	Paper bin	50
161 T-347 x 120/5	Separation sheets	48	180-34	Holder for paper reel	51
161 T-347 x 60/5	Separation sheets	48	2175 N	Machinist's vice	51
179-35	Can holder	50	2175 N-11	Washer	51



HAZET No.	L x W x H mm		79 x 527 x 348 mm		164 x 527 x 348 mm			kg	EAN-No. 4000896+
• 4 flat and 2 high drawers									
177-6	780x498x915	4x		2x		6x	62.8		148578
• 6 flat and 1 high drawer									
177-7	780x498x915	6x		1x		7x	64.8		148592



178 N Tool trolley *Assistant*

Made in Germany

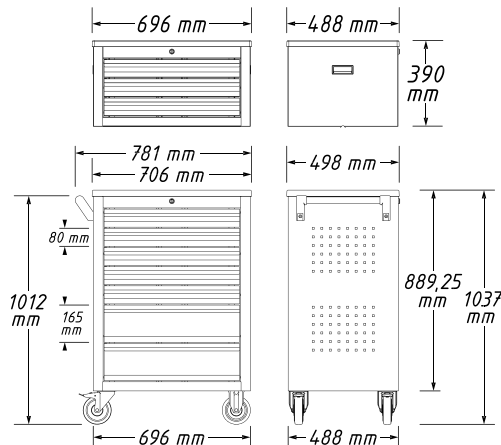
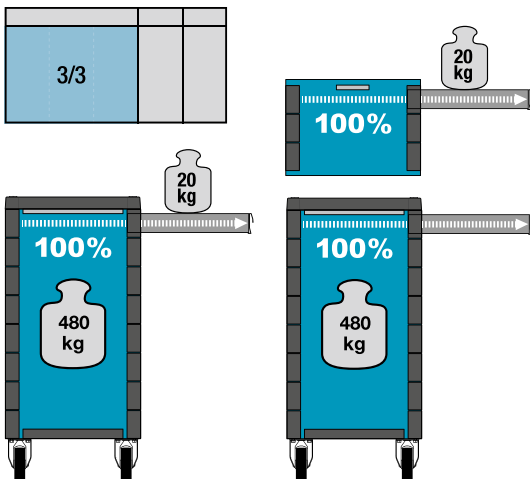
• Tool trolley

- Large ball-bearing wheels (125 mm), easy manoeuvrability, even with high dynamic load
- 2 swivel castors with double stop function: fixed castors prevent inadvertent rolling of the trolley, fixed swivel bearing prevents the castors from swivelling, e.g. on inclined surfaces
- Protective ring prevents dirt and threads from getting in
- Elastic tyres enable smooth movement
- Two-stage locking concept:
 - Central locking, lockable with cylinder lock and 2 folding keys
 - Individual drawer locking prevents unwanted drawer opening
 - 100% sliding-out with roller guides
- Total loading capacity (dynamic): 480 kg
- Loading capacity (static): 480 kg
- Worktop: Plastic, resistant to solvent, with integrated storage wells
- Loading capacity per drawer: 20 kg
- Colour: HAZET blue



The following accessories are available separately:

HAZET No.	Designation		HAZET No.	Designation	
112/11	Tool holder	47	179 N-33	Paper bin	50
161-1	Anti-slipping mat	48	180-24	Document holder	51
161 T-178 N/4	Set of separation sheets	49	180-34	Holder for paper reel	51
179-35	Can holder	50			





General Workshop Equipment

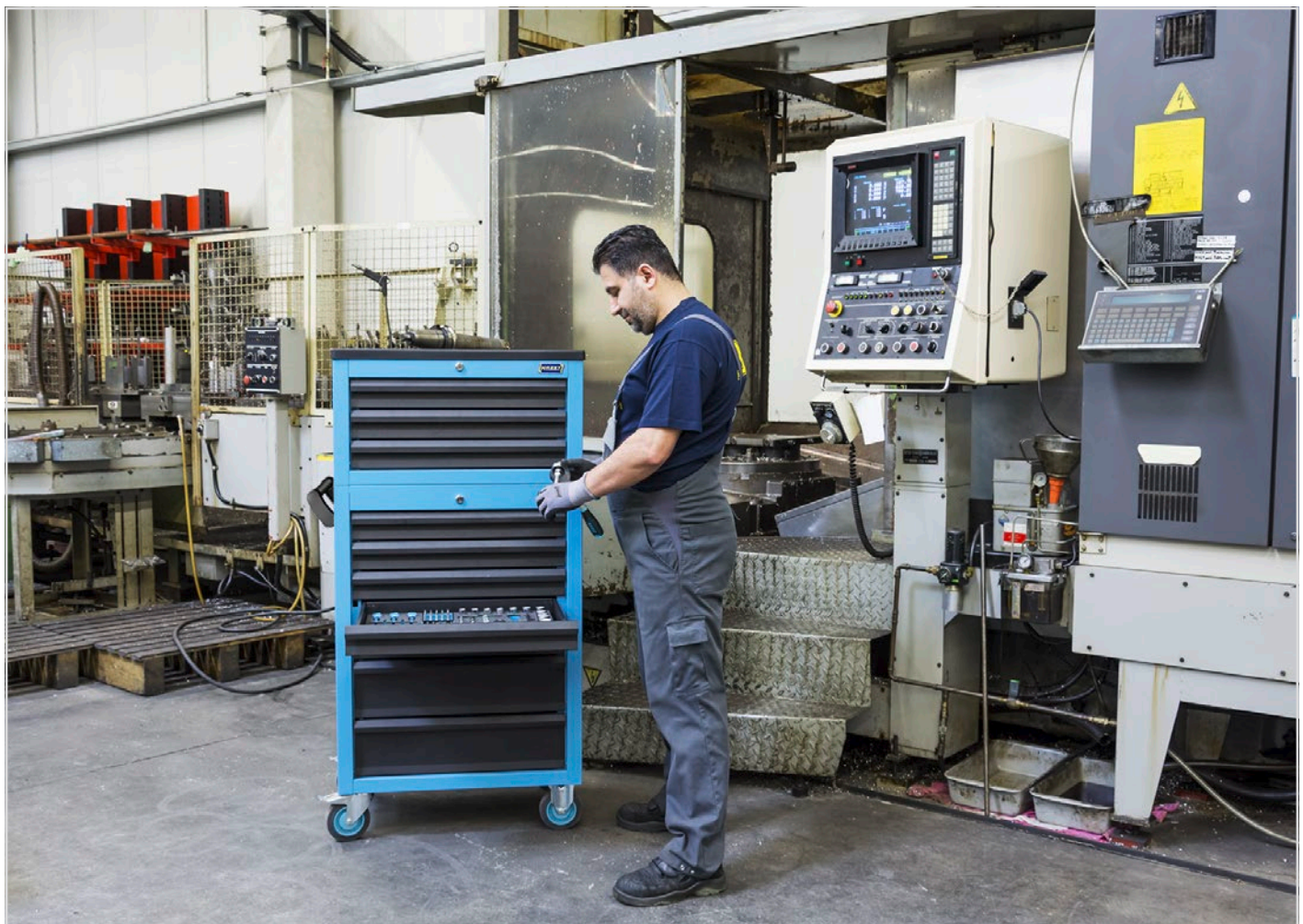
Tool Trolley *Assistent*



178 N Tool trolley *Assistent*



HAZET No.	L x W x H mm	80 x 527 x 348 mm	165 x 527 x 348 mm	kg	EAN-No. 4000896+
Tool trolley 178 N-7					
<ul style="list-style-type: none"> • 5 flat drawers and 2 high drawers • Sturdy handle firmly attached to the trolley • Work surface: Plastic, resistant to solvent, with integrated storage wells • Work surface border strip prevents parts from falling down • Rectangular perforations on the side panels offer individual fastening options, e.g. for tool hooks of the article group HAZET 112 or other accessories such as can holder, holder for paper reel, paper bin, etc. 					
178 N-7	781x498x1037	5x	2x	74.1	202782
178 N-10 consisting of tool trolley 178 N-7, tool chest 178 N K-3					
Tool trolley 178 N-7:					
<ul style="list-style-type: none"> • 5 flat drawers and 2 high drawers • Sturdy handle firmly attached to the trolley • Work surface: Plastic, resistant to solvent, with integrated storage wells • Work surface border strip prevents parts from falling down • Rectangular perforations on the side panels offer individual fastening options, e.g. for tool hooks of the HAZET 112 article group or other accessories such as a can holder, holder for paper reel, paper bin, etc. 					
Tool chest 178 N K-3:					
<ul style="list-style-type: none"> • For tool trolley Assistent 178 N • 3 flat drawers • 2 sturdy handles firmly attached to the trolley • Optional: Work surface made from solvent-resistant plastic with integrated storage wells, HAZET No. 177-05 					
178 N-10	781x498x1410	8x	2x	107.8	202805
Tool chest 178 N K-3					
<ul style="list-style-type: none"> • For tool trolley Assistent 178 N • 3 flat drawers • 2 sturdy handles firmly attached to the trolley • Optional: Work surface made from solvent-resistant plastic with integrated storage wells, HAZET No. 177-05 					
178 N K-3	696x488x390	3x	-	33.7	202799





179 N Tool trolley *Assistant*

Made in Germany

• Tool trolley

Work areas

- Much larger storage and work areas in plastic (179 N) or stainless steel (179 NX)
- Fully sealed work surface protects inside of trolley from leaking liquids
- Interfaces integrated in the work area for accessories such as laptop holders and top modules

Body / Pull-handle

- Extremely robust design thanks to dual-wall structure
- Complete welded construction of the entire body for tough daily workshop use
- Optimised, yielding edge protection on all four corners with real impact protection thanks to internal damping concept
- Ergonomically optimised pull handle for better manoeuvrability

Locking concept

- Ergonomically arranged side lock position for better operability protects keys and lock against damage
- Highly secure closing system with central locking technology for optimum protection of your property
- 2-stage locking
 - Central locking, lockable with cylinder lock and 2 folding keys
 - Mutual drawer locking for minimum tilting risk

Drawer concept

- Self-closing and reciprocal locking of the drawers prevents unwanted opening
- 100% sliding-out with ball-bearing telescopic slides
- Drawer design for optimum use of the interior
- Drawer fronts for optimised handling
- Dirt-resistant drawer coating for easy cleaning

High performance chassis

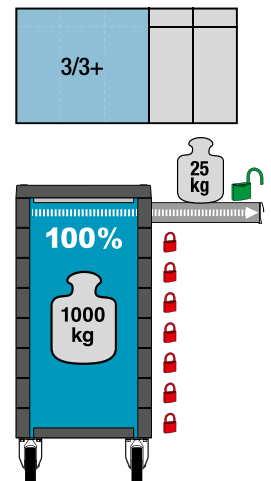
- Large wheels with high loading capacity, precision ball bearing and dual rounded rim in the pivot bearing, easy manoeuvrability, even with high dynamic load
- 2 swivel castors with double stop function: fixed castor prevents inadvertent rolling of the trolley, fixed swivel bearing prevents the castors from swivelling, e.g. on an inclined surface
- Protective ring prevents dirt and threads from getting in
- Elastic tyres enable smooth movement

Assistant 179 N-6 – 9:

- Solvent-resistant plastic work surface
- Metal handle, powder coated in black

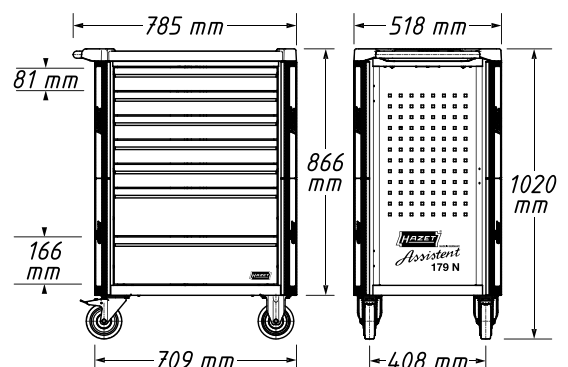
Assistant 179 N X-6 – 8:

- Stainless steel work surface
- Extra protection through high-quality plastic end caps
- Brushed stainless steel handle
- Total loading capacity (dynamic): 540 kg
- Loading capacity (static): 1000 kg
- Loading capacity per drawer: 25 kg
- Colour: HAZET blue



The following accessories are available separately:

HAZET No.	Designation		HAZET No.	Designation	
112/11	Tool holder	47	179 N-26	Vertical perforated tool board	50
161 T-179 N/4	Separation sheet set	49	179 N-33	Paper bin	50
161 T-179 N/4 H	Separation sheet set	49	179 N-40	Basic fixture	50
161 T-395x120/5	Separation sheets	48	179 N-42	Laptop holder - complete	50
161 T-395x60/5	Separation sheets	48	180-24	Document holder	51
179-35	Can holder	50	180-34	Holder for paper reel	51
179 N-19	Small parts collector	50	180-35	Can holder	51
179 N-21	Side door	50			





General Workshop Equipment

Tool Trolley *Assistant*



179 N Tool trolley *Assistant*



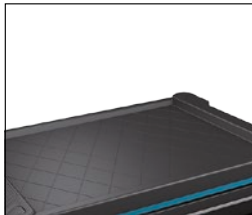
RAL 3020



RAL 9005



RAL 7021



179 N



179 NX

HAZET No.	L x W x H mm	81 x 522 x 398 mm		kg	EAN-No. 4000896+
		81 x 522 x 398 mm	166 x 522 x 398 mm		
• 3 flat and 3 big drawers 179 N-6	785x518x1020	3x	3x	90	214570
• 5 flat and 2 big drawers 179 N-7	785x518x1020	5x	2x	90	214488
• 5 flat and 2 high drawers • Colour RAL 3020 (red) 179 N-7-RAL 3020	785x518x1020	5x	2x	90	220212
• 5 flat and 2 high drawers • Colour RAL 9005 (matt black) 179 N-7-RAL 9005	785x518x1020	5x	2x	90	220229
• 7 flat drawers and 1 high drawer 179 N-8	785x518x1020	7x	1x	90	214587
• 7 flat drawers and 1 high drawer • Colour: RAL 7021 (black grey) 179 N-8-RAL 7021	785x518x1020	7x	1x	90	220311
• 9 flat drawers 179 N-9	785x518x1020	9x	–	90	220236
• 3 flat and 3 big drawers 179 N X-6	786x518x1020	3x	3x	90	215560
• 5 flat and 2 big drawers 179 N X-7	786x518x1020	5x	2x	90	215577
• 5 flat and 2 high drawers • Colour RAL 3020 (red) 179 N X-7-RAL 3020	786x518x1020	5x	2x	90	219322
• 7 flat drawers and 1 high drawer 179 N X-8	786x518x1020	7x	1x	90	215584



179 NXL Tool trolley *Assistant*

Made in Germany

• Tool trolley

Ⓔ

Work areas

- Much larger storage and work areas in stainless steel
- Fully sealed work surface protects inside of trolley from leaking liquids
- Interfaces integrated in the work area for accessories such as laptop holders and top modules
- Stainless steel work surface
- Extra protection through high-quality plastic end caps

Body / Pull-handle

- Extremely robust design thanks to dual-wall structure
- Complete welded construction of the entire body for tough daily workshop use
- Optimised, yielding edge protection on all four corners with real impact protection thanks to internal damping concept
- Ergonomically optimised pull handle for better manoeuvrability
- Brushed stainless steel handle

Locking concept

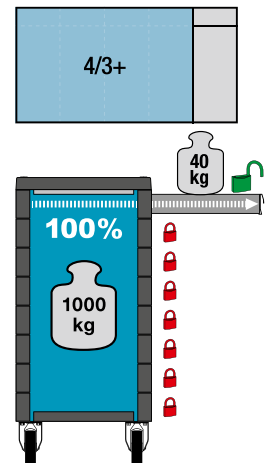
- Ergonomically arranged side lock position for better operability protects keys and lock against damage
- Highly secure closing system with central locking technology for optimum protection of your property
- 2-stage locking
 - Central locking, lockable with cylinder lock and 2 folding keys
 - Mutual drawer locking for minimum tilting risk

Drawer concept

- Self-closing and reciprocal locking of the drawers prevents unwanted opening
- 100% sliding-out with ball-bearing telescopic slides
- Drawer design for optimum use of the interior
- Drawer fronts for optimised handling
- Dirt-resistant drawer coating for easy cleaning

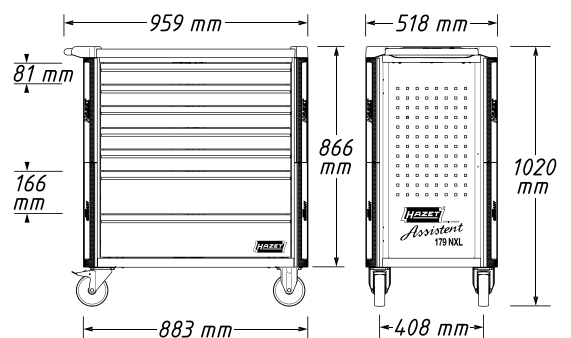
High performance chassis

- Large wheels with high loading capacity, precision ball bearing and dual rounded rim in the pivot bearing, easy manoeuvrability, even with high dynamic load
- 2 swivel castors with double stop function: fixed castor prevents inadvertent rolling of the trolley, fixed swivel bearing prevents the castors from swivelling, e.g. on an inclined surface
- Protective ring prevents dirt and threads from getting in
- Elastic tyres enable smooth movement
- Total loading capacity (dynamic): 750 kg
- Loading capacity (static): 1000 kg
- Loading capacity per drawer: 40 kg
- Colour: HAZET blue



The following accessories are available separately:

HAZET No.	Designation		HAZET No.	Designation	
112/11	Tool holder	47	179 N-21	Side door	50
161 T-179 N XL/5	Separation sheet set	49	179 N-33	Paper bin	50
161 T-179 N XL/5 H	Separation sheet set	49	179 N-40	Basic fixture	50
161 T-395x120/5	Separation sheets	48	179 N-42	Laptop holder - complete	50
161 T-395x60/5	Separation sheets	48	179 N XL-26	Vertical perforated tool board	51
173-38	Anti-slipping mat	48	180-24	Document holder	51
179-35	Can holder	50	180-34	Holder for paper reel	51
179 N-19	Small parts collector	50			





General Workshop Equipment

Tool Trolley *Assistant*






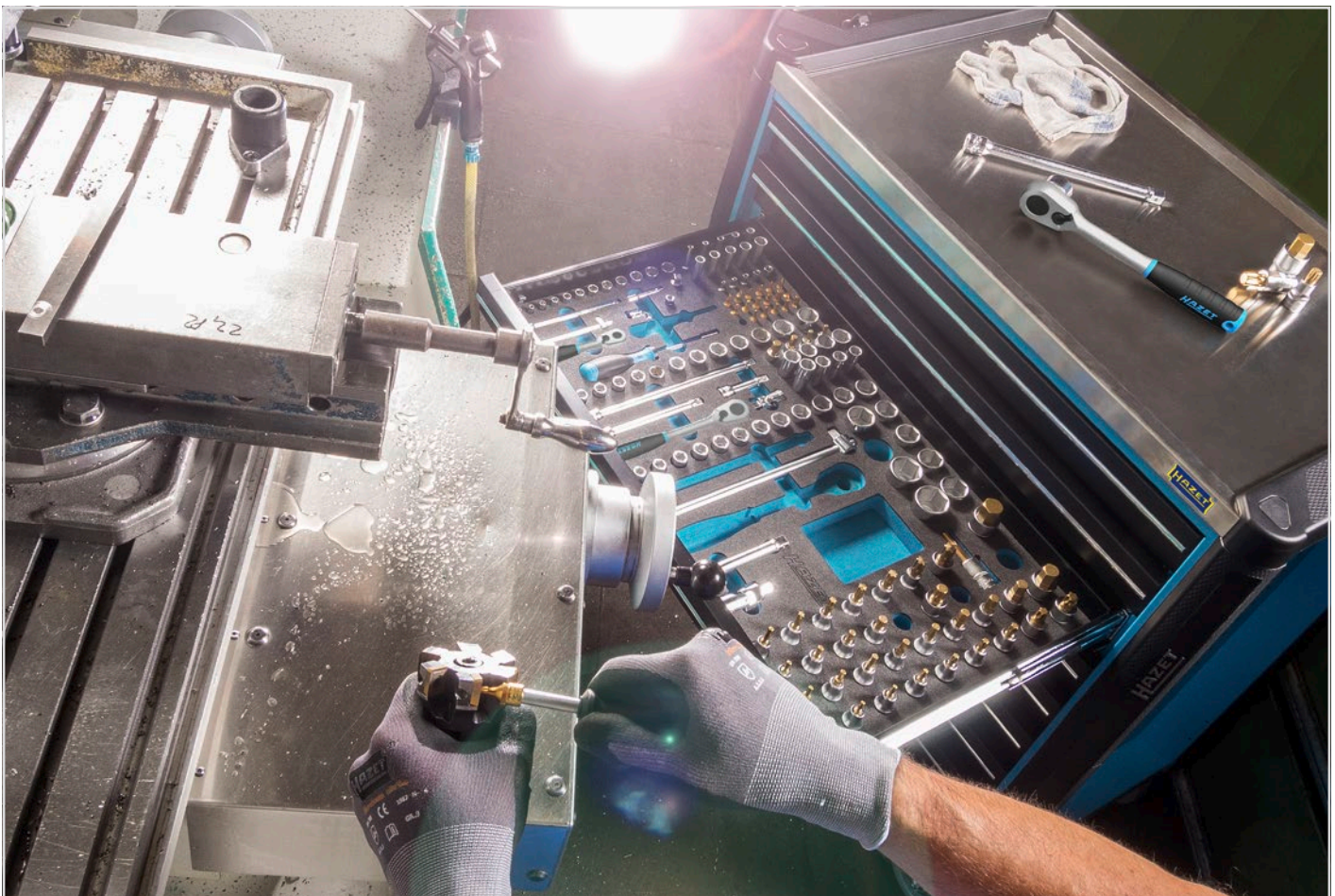
179 NXL Tool trolley *Assistant*

Ⓔ



RAL 7012

HAZET No.	L x W x H mm	 81 x 696 x 398 mm	 166 x 696 x 398 mm	 kg	EAN-No. 4000896+
• 3 flat and 3 big drawers 179 N XL-6	959x518x1020	3x	3x	125	215171
• 5 flat and 2 big drawers 179 N XL-7	959x518x1020	5x	2x	125	215164
• 7 flat drawers and 1 high drawer 179 N XL-8	959x518x1020	7x	1x	125	215218
• 7 flat drawers and 1 high drawer • Colour RAL 7012 (basalt grey) 179 N XL-8-VW	959x518x1020	7x	1x	125	220243





179 NXXL Tool trolley *Assistant*

Made in Germany

• Tool trolley

Work areas

- Much larger storage and work areas in stainless steel
- Fully sealed work surface protects inside of trolley from leaking liquids
- Interfaces integrated in the work area for accessories such as laptop holders and top modules
- Stainless steel work surface
- Extra protection through high-quality plastic end caps

Body / Pull-handle

- Extremely robust design thanks to dual-wall structure
- Complete welded construction of the entire body for tough daily workshop use
- Optimised, yielding edge protection on all four corners with real impact protection thanks to internal damping concept
- Ergonomically optimised pull handle for better manoeuvrability
- Brushed stainless steel handle

Locking concept

- Ergonomically arranged side lock position for better operability protects keys and lock against damage
- Highly secure closing system with central locking technology for optimum protection of your property
- 2-stage locking
 - Central locking, lockable with cylinder lock and 2 folding keys
 - Mutual drawer locking for minimum tilting risk

Drawer concept

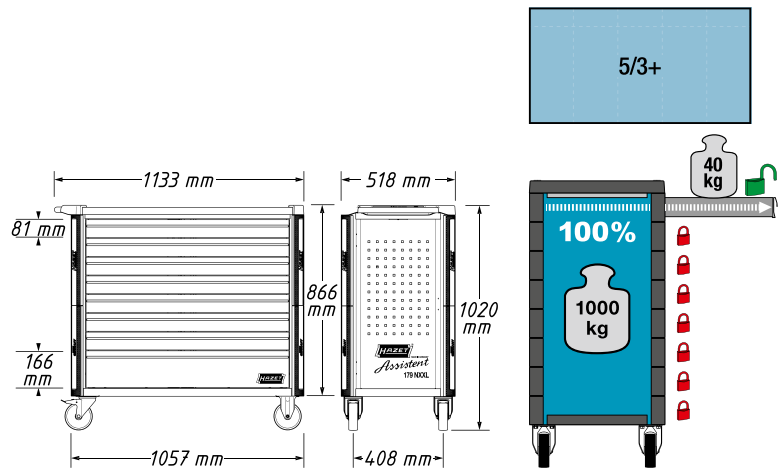
- Self-closing and reciprocal locking of the drawers prevents unwanted opening
- 100% sliding-out with ball-bearing telescopic slides
- Drawer design for optimum use of the interior
- Drawer fronts for optimised handling
- Dirt-resistant drawer coating for easy cleaning

High performance chassis

- Large wheels with high loading capacity, precision ball bearing and dual rounded rim in the pivot bearing, easy manoeuvrability, even with high dynamic load
- 2 swivel castors with double stop function: fixed castor prevents inadvertent rolling of the trolley, fixed swivel bearing prevents the castors from swivelling, e.g. on an inclined surface
- Protective ring prevents dirt and threads from getting in
- Elastic tyres enable smooth movement
- Total loading capacity (dynamic): 750 kg
- Loading capacity (static): 1000 kg
- Loading capacity per drawer: 40 kg
- Colour: HAZET blue



(E)



The following accessories are available separately:

HAZET No.	Designation	
112/11	Tool holder	47
161 T-179 N XXL/6	Separation sheet set	49
161 T-179 N XXL/6 H	Separation sheet set	49
161 T-395x120/5	Separation sheets	48
161 T-395x60/5	Separation sheets	48
179-35	Can holder	50
179 N-19	Small parts collector	50
179 N-21	Side door	50

HAZET No.	Designation	
179 N-33	Paper bin	50
179 N-40	Basic fixture	50
179 N-42	Laptop holder - complete	50
179 N XXL-26	Vertical perforated tool board	51
180-24	Document holder	51
180-34	Holder for paper reel	51
180-35	Can holder	51



HAZET No.	L x W x H mm	81 x 870 x 398 mm	166 x 870 x 398 mm	kg	EAN-No. 4000896+
• 5 flat and 2 big drawers 179 N XXL-7	1133x518x1020	5x	2x	145	214624
• 7 flat drawers and 1 high drawer 179 N XXL-8	1133x518x1020	7x	1x	145	214778



General Workshop Equipment

Tool Trolley *Assistant*



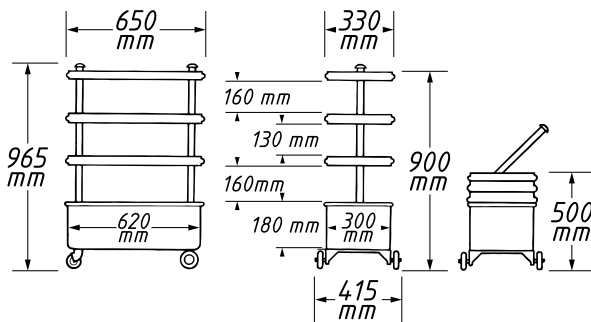
166 N Tool trolley *Assistant*

- Made in Germany
- Tool trolley



The Original

- Space saving
- Pillars can swing down to minimum height (500 mm) for space saving transport. Swung down pillars can be used as carrying handle
- Lockable with padlock (including 2 keys)
- Wraparound rubber profiles protecting table board and intermediary containers from damage
- Table board with rubber mat, 2 intermediary containers (including 4 partition sheets), spacious bottom container
- 4 rubber castors with thread guard and double ball bearings, of which 2 swivel castors with brake
- Total loading capacity (dynamic): 150 kg
- Loading capacity (static): 300 kg
- Worktop: PVC mat
- Colour: HAZET blue



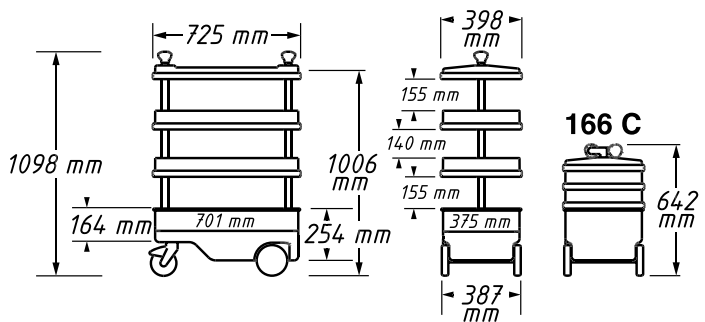
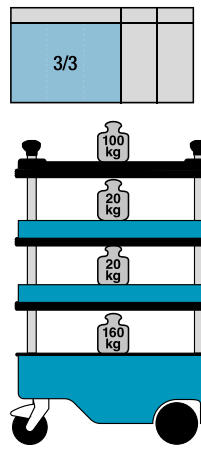
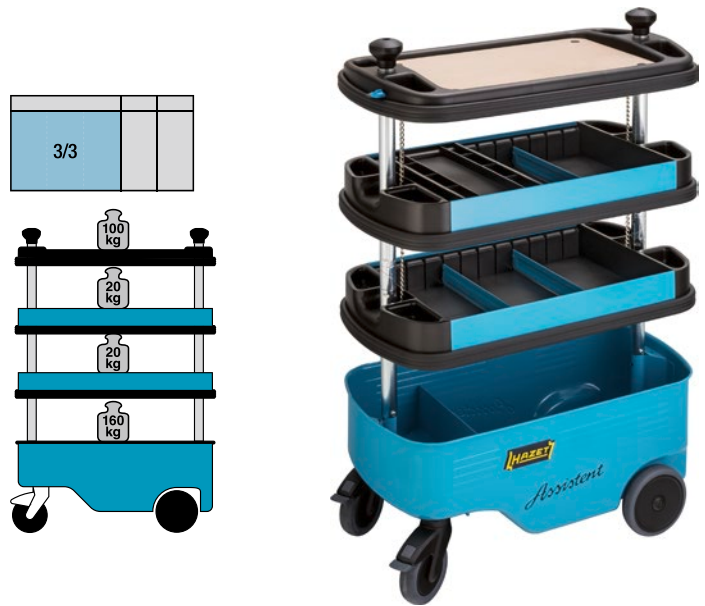
HAZET No.	L x W x H mm	kg	EAN-No.
166 N	650x415x965	24.5	4000896+ 004959

166 C Tool trolley *Assistant*

- Made in Germany
- Tool trolley



- Intermediary containers suitable for HAZET plastic drawer inserts, 2 separation sheets included
- Additional sliding tray, to be integrated into the intermediary containers, e.g. for calliper gauges and small parts
- Spacious bottom container made of sheet steel
- Big castors to level out uneven ground surfaces
- Collapsible, lockable, padlock and 2 keys included
- Provided with wraparound protecting rubber strips
- Loading capacity (static): 300 kg
- Worktop: Wood multiplex beech, replaceable
- Colour: HAZET blue
- Pillars can swing down to minimum height (647 mm) for space saving transport



The following accessories are available separately:

HAZET No.	Designation	48	HAZET No.	Designation	49
161-9	Window pane holder	48	162 C-6/5	Separation sheets for intermediary tray	49
162 C-5	Container for small parts	49			

HAZET No.	L x W x H mm	kg	EAN-No.
166 C	725x398x1102	27.6	4000896+ 072286



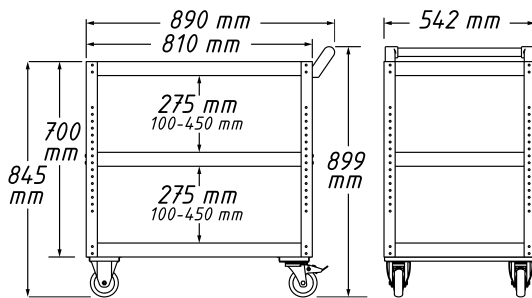
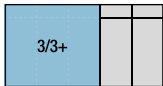
167-3 Service trolley *Assistant*

Made in Germany

• Flexible and stable for all purposes



- Adjustable in 15 height positions (middle tray)
- More layers and anti-slipping mats (2x 180-38) are optionally available
- Robust sheet steel construction, loading capacity per tray: 50 kg
- Large ball-bearing wheels (∅ 100 mm), 2 swivel castors (1x with double stop), 2 fixed castors
- Thread guard – protects the bearings against dirt and threads
- Easy manoeuvrability, even with high dynamic load
- Grey non-marking elastic tyres enable smooth movement
- Sturdy handle, firmly attached to the trolley
- For HAZET Safety-Insert-System, 2-component soft foam insert
- Loading capacity per tray: 50 kg
- Total loading capacity (dynamic): 150 kg
- Loading capacity (static): 150 kg
- Colour: HAZET blue



HAZET No.	L x W x H mm	EAN-No. 4000896+
167-3	890x542x899	205332

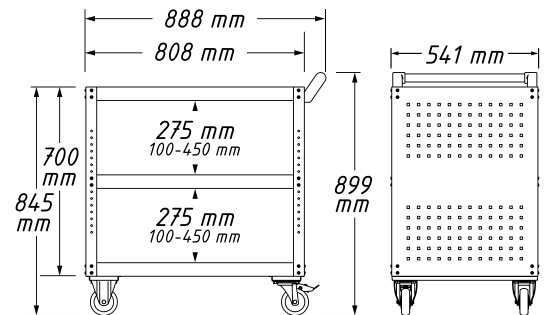
167-3 S Service trolley *Assistant*

Made in Germany

• Rectangular perforation on the side panels offer individual fastening options



- Adjustable in 15 height positions (middle tray)
- More layers and anti-slipping mats (2x 180-38) are optionally available
- Robust sheet steel construction, loading capacity per tray: 50 kg
- Large ball-bearing wheels (∅ 100 mm), 2 swivel castors (1x with double stop), 2 fixed castors
- Thread guard – protects the bearings against dirt and threads
- Easy manoeuvrability, even with high dynamic load
- Grey non-marking elastic tyres enable smooth movement
- Sturdy handle, firmly attached to the trolley
- For HAZET Safety-Insert-System, 2-component soft foam insert
- Loading capacity per tray: 50 kg
- Total loading capacity (dynamic): 150 kg
- Loading capacity (static): 150 kg
- Colour: HAZET blue
- Side fastening options for comprehensive HAZET accessories range (optional)
- Colour: HAZET blue / black side panels



The following accessories are available separately:

HAZET No.	Designation		HAZET No.	Designation	
112/11	Tool holder	47	180-24	Document holder	51
179-35	Can holder	50	180-34	Holder for paper reel	51
179 N-33	Paper bin	50	180-35	Can holder	51

HAZET No.	L x W x H mm	kg	EAN-No. 4000896+
167-3 S	888x541x899	27	207206



General Workshop Equipment

Tool Trolley *Assistant*

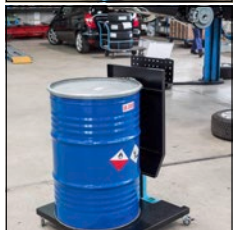
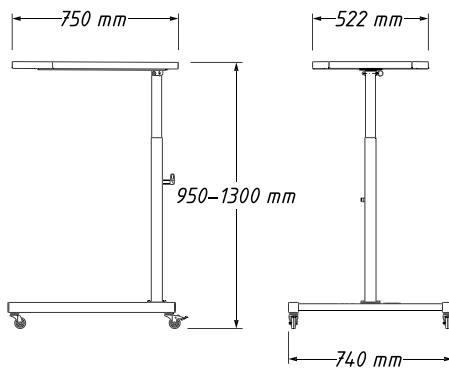


167 T Service trolley *Assistant*

Made in Germany

• Sturdy ram protection on all important struts for protecting important areas, e.g. body and high quality rims

- Table can be collapsed downwards by 90°
- Adjustable in 15 height positions (steps: 25 mm)
- Robust welded design
- Ball-bearing wheels (∅ 50 mm), 4 swivel castors, 2 castors with brake
- Easy manoeuvrability, even with high dynamic load
- Grey non-marking elastic tyres enable smooth movement
- Fits under vehicles with a ground clearance greater than 130 mm
- Loading capacity of table: 35 kg
- Maximum loading capacity (dynamic): 150 kg
- Delivery, flat packed (h x w x d: approx. 110 x 930 x 780 mm)
- Accessories 112/11 · 179-35 · 179 N-35 · 180-24 · 180-35 only in conjunction with 167 T-26
- Total loading capacity (dynamic): 150 kg
- Loading capacity (static): 150 kg
- Colour: HAZET blue



The following accessories are available separately:

HAZET No.	Designation		HAZET No.	Designation	
112/11	Tool holder	47	179-35	Can holder	50
162 C-5	Container for small parts	49	180-24	Document holder	51
167 T 23	Storage board	49	180-35	Can holder	51
167 T 26	Perforated tool panel	49			

*) Accessories only together with 167 T-26

HAZET No.	L x W x H mm	kg	EAN-No. 4000896+
167 T	773x740x1345	17.9	210503



Work Benches / Tool Cabinets

177 W Mobile work bench

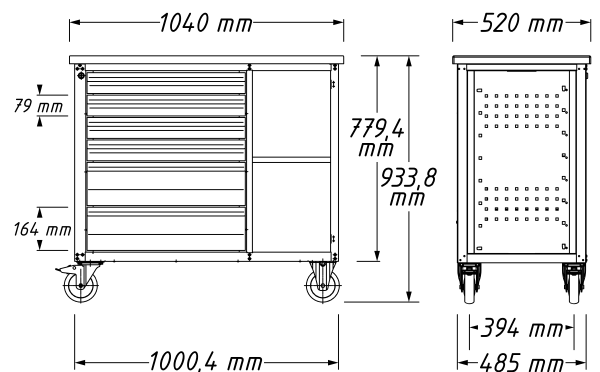
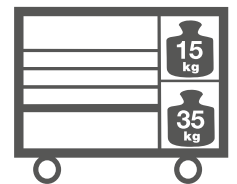
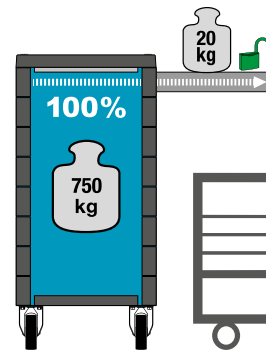
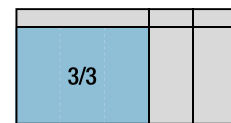
Made in Germany

- Large ball-bearing wheels (∅ 125 mm), easy manoeuvrability, even with high dynamic load
- 2 swivel castors with double stop function: fixed castor prevents inadvertent rolling of the trolley, fixed swivel bearing prevents the castors from swivelling, e.g. on inclined surfaces
- Protective ring prevents dirt and threads from getting in
- Grey non-marking elastic tyres enable smooth movement
- Two-stage locking concept:
 - Central locking, lockable with cylinder lock and 2 keys
 - Individual drawer locking prevents unwanted drawer opening
 - 100% sliding-out with roller guides
- Boards in the storage compartment:
 - Loading capacity top: 15 kg / bottom 35 kg
 - Storage shelves adjustable
- Optional: 177 W-21: Door for right storage compartment, lockable, including 2 keys
- Total loading capacity (dynamic): 500 kg
- Loading capacity (static): 750 kg
- Worktop: Wood multiplex birch, replaceable
- Loading capacity per drawer: 20 kg
- Colour: HAZET blue



The following accessories are available separately:

HAZET No.	Designation		HAZET No.	Designation	
112/11	Tool holder	47	179 N-33	Paper bin	50
161-1	Anti-slipping mat	48	179 W-40	Basic fixture	51
161 T-347 x 120/5	Separation sheets	48	179 W-42	Laptop holder	51
161 T-347 x 60/5	Separation sheets	48	180-24	Document holder	51
177 W-21	Door	49	180-34	Holder for paper reel	51
179-35	Can holder	50	2175 N	Machinist's vice	51



HAZET No.	L x W x H mm	79x527 x 348 mm	164x527 x 348 mm		kg	EAN-No. 4000896+
177 W-6	1040x520x934	4x	2x	6x	85	154630
177 W-7	1040x520x934	6x	1x	7x	85	155644



General Workshop Equipment

Work Benches / Tool Cabinets

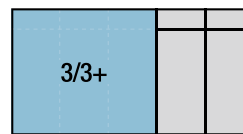


179 NW Mobile work bench

Made in Germany

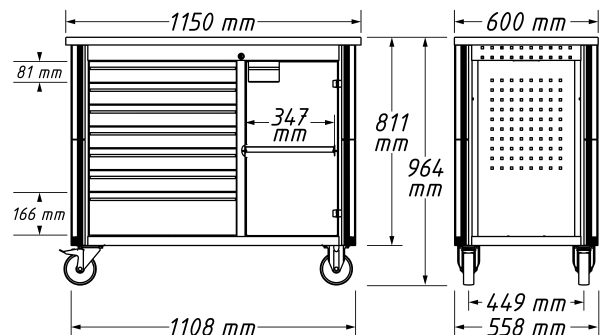
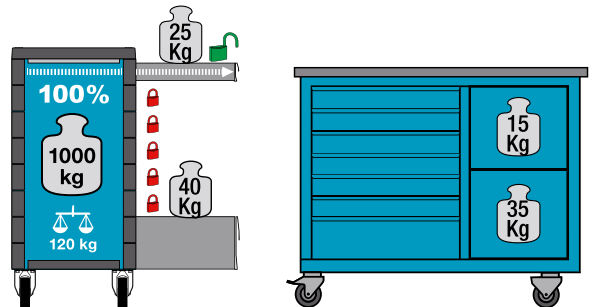
• More storage space than preceding model

- 30 mm wood multiplex birch work surface, oiled, replaceable
- Including 9-fold adjustable intermediary tray and fixed mounted door
- Cable duct on rear panel allows battery devices to be charged when the door is closed, for instance
- Complete welded construction of the entire body for tough daily workshop use
- Additional rectangular perforation for tool holder, e.g. HAZET 112-230
- Optimised, yielding edge protection on all four corners with real impact protection thanks to internal damping concept
- Flexible vice assembly (front, right, left) e.g. HAZET 2175 N according to drilling template specification
- **Chassis:**
 - Large wheels with high loading capacity (∅ 125 mm) with precision ball-bearing and dual ball race in the swivel bearing, easy manoeuvrability even under high dynamic load
 - 2 swivel castors with double stop function: fixed castor prevents inadvertent rolling of the trolley, fixed swivel bearing prevents the castors from swivelling, e.g. on an inclined surface
 - Protective ring prevents dirt and threads from getting in
 - Elastic tyres enable smooth movement
- **Locking concept:**
 - Mutual drawer locking for minimum tilting risk
 - Lock located in the centre (central locking and cylinder lock) closes the door and drawers at the same time
 - Only one key for locking the door and drawer at the same time (scope of delivery: 2 keys)
 - 180° rotation, prevents the key from breaking off
 - Slides out 100% by means of ball-bearing, self-closing telescopic rails
- 1 heavy duty drawer, loading capacity 40 kg, 166 mm high
- 6 drawers, loading capacity 25 kg, 81 mm high
- 2 work surfaces in the storage compartment, top: 15 kg / bottom: 35 kg
- Total loading capacity (dynamic): 750 kg
- Loading capacity (static): 1000 kg
- Worktop: Wood multiplex birch, replaceable
- Colour: HAZET blue



The following accessories are available separately:

HAZET No.	Designation		HAZET No.	Designation	
112/11	Tool holder	47	179 N W-23	Shelf	50
161 T-179 N/4	Separation sheet set	49	179 N W-26	Vertical tool panel	51
161 T-179 N/4 H	Separation sheet set	49	179 W-40	Basic fixture	51
161 T-395x120/5	Separation sheets	48	179 W-42	Laptop holder	51
161 T-395x60/5	Separation sheets	48	180-24	Document holder	51
179-35	Can holder	50	180-34	Holder for paper reel	51
179 N-19	Small parts collector	50	180-35	Can holder	51
179 N-33	Paper bin	50	2175 N	Machinist's vice	51
179 N W-22	Shelf drawer	50			



HAZET No.	L x W x H mm	81 x 522 x 398 mm	166 x 522 x 398 mm	kg	EAN-No. 4000896+
179 N W-7	1150x600x964	6x	1x	120	219629



130 Work bench

Made in Germany

- 40 mm thick multi-layer beechwood board
- Front steel lining
- Structurally sound due to stable steel framework
- Loading capacity (static): 1000 kg

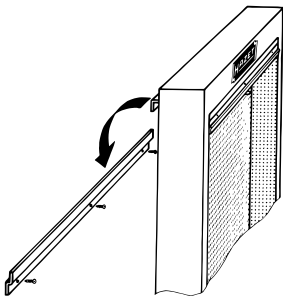


HAZET No.	L x W x H mm	kg	EAN-No. 4000896+
130-1	2000x760x845	89	003358

111 L Tool cabinet

Made in Germany

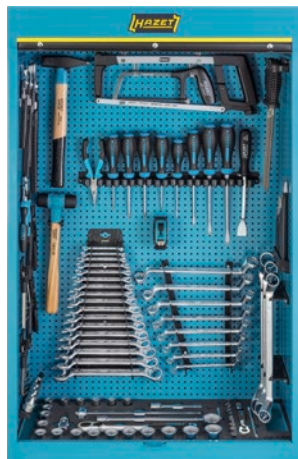
- Blind, lockable
- Including padlock with 2 keys
- Including suspension device
- Empty, for individual tool assortment



HAZET No.	L x W x H mm	kg	EAN-No. 4000896+
111 L	640x250x1000	27	003266

111 Tool cabinet with assortment

- Suspension plan and tool hangers and soft foam inserts for socket sets



111 Tool cabinet with assortment



111 L



111/116 HL



603 • 6 • 7 • 8 • 9

603 • 10 • 11 • 12 • 13 • 14

15 • 16 • 17 • 18 • 19

21 • 22 • 24



630 • 6x7 • 8x9 • 10x11

12x13 • 14x15 • 16x17

18x19 • 20x22 • 21x23

24x27 • 30x32



730

730-3 • 730-6



746-1



748 B

748 b-3 • 748 b-4

748 b-5 • 748 b-6



760 N

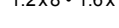
760 N-1 • 760 N-2

760 N-3



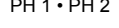
802 • 0.8x4 • 1x5.5

1.2x8 • 1.6x10



802-PH • PH 1 • PH 2

802-PZ • PZ 1 • PZ 2



802-PZ • PZ 1 • PZ 2



824 • 0.5x23



850 • 4 • 4.5 • 5 • 5.5

6 • 7 • 8 • 9

10 • 11



863 HP • 1/4



867-2 • 1/4 • 3/8

868 • 1/4 • 3/8



869 • 1/4 • 3/8



900 • 10 • 11 • 12 • 13 • 14

15 • 16 • 17 • 18 • 19

20 • 21 • 22 • 23 • 24

26 • 27 • 28 • 30 • 32



915 • 1/2

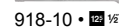


916 HP • 1/2



917-5 • 1/2 • 3/4

918-10 • 1/2 • 3/4



920 • 1/2 • 3/4



985 • 5 • 6 • 8 • 10



1802-11



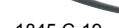
1841 a-22



1845 A-19



1845 C-19



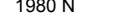
1952-35



1980 N



1981



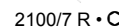
2100/7 R • 0



2115-T/7 R • 0



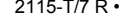
2120-8



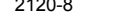
2122-8



2123-8



2140-50



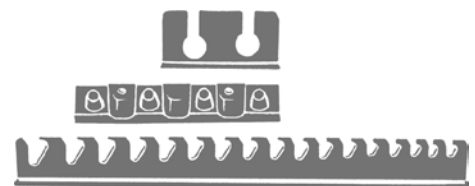
2154 N-3

HAZET No.	L x W x H mm	kg	Icon	EAN-No. 4000896+
111/116	640x250x1000	46.4	116	003105

111 Tool holder

Made in Germany

- For 116-pc. tool assortment 0-111/116



HAZET No.	kg	Icon	EAN-No. 4000896+
111/116 HL	0.9	14	003112



General Workshop Equipment

Work Benches / Tool Cabinets



0-111 Tool assortment

- 116 pieces
contents see assortment 111/116,
- Without cabinet



HAZET No.	kg		EAN-No. 4000896+
0-111/116	17	116	000098

111 Tool holder

Made in Germany



HAZET No.	EAN-No. 4000896+
• Hanger, for e.g. 630-6 x 7 up to -20 x 22, to be used with 111-03 L	
111-03 R	002849
• Hanger, to be used with 111-03 R	
111-03 L	002832
• Hanger, for 4 $\frac{1}{2}$ sockets	
111-04	002856
• Hanger, for e.g. chisels 730-3 up to -6, centre punch 746-1, drift pin 748	
111-05	002863

Made in Germany



HAZET No.	EAN-No. 4000896+
• Hanger, for e.g. 279, 760 N, 2100/7 R etc.	
111-06	002870
• Hanger, for e.g. combination wrenches 603 or hammers 2140 etc.	
111-10	002917
• Hanger, for e.g. tape measures	
111-15	002962

Made in Germany



111 Tool holder

HAZET No.	EAN-No. 4000896+
• Tool hanger \varnothing 6 mm, length 75 mm	
111-21	003020
• Tool hanger	
111-22	003037
• Tapping screw	
111-28	003099

112 Tool holder

- Installation on perforated tool panels with rectangular perforation
- For example, for side and rear panels of tool trolleys *Assistant* 167 T · 167 XXL · 167-3 S · 177 · 178 N · 179 · 179 A XXL · 179 BIG-1 · 179 N · 179 N X · 179 N XL · 179 N XXL · 179 T XXL · 179 XL · 179 XXL · 179-10 as well as work benches 177 W · 179 N W · 179 W



HAZET No.	EAN-No. 4000896+
• Double hook, 30 mm long, e.g. for tools with T-handle	
112-230	103898
• Double hook, 60 mm long, e.g. for tools with T-handle	
112-260	103881
• Hanger, 25 mm long, e.g. for tools with hanging hole	
112-325	103874
• Hanger, 50 mm long, e.g. for tools with hanging hole	
112-350	103867
• Double hanger, wide, 40 mm long, e.g. for torque wrenches	
112-440	103850
• Double hanger, wide, 50 mm long, e.g. for torque wrenches	
112-450	103843
• Clip, \varnothing C12 mm, e.g. for reversible ratchet 863-1, 863 F, P, S as well as reversible ratchets for bits 863 B GL, BKC and BK	
112-612	103836
• Clip, \varnothing 18 mm, e.g. for reversible ratchets 8816-1, 8816 F, P or S as well as 916 K	
112-618	103720
• Clip, \varnothing 24 mm, e.g. for reversible ratchets 916-1, 916 F, SP, S	
112-624	103713
• Plastic cup, \varnothing 30 mm, 80 mm high, e.g. for pins, centre punches etc.	
112-830	103706
• Plastic cup, \varnothing 50 mm, 114 mm high, e.g. for marking tool 2150-1 or similar	
112-850	103690
• Tool holder set	
• For <i>Assistant</i> 167 · 177 · 178 N · 179 · 179 BIG · 179 N · 179 N X · 179 N XL · 179 N XXL · 179 T · 179 XL · 179 XXL tool trolleys and <i>Assistant</i> 177 W · 179 W · 179 N W work benches	
Contents: 112-230 · 260 · 325 · 350 · 440 · 450 · 612 · 618 · 624 · 830 · 850	
112/11	104239



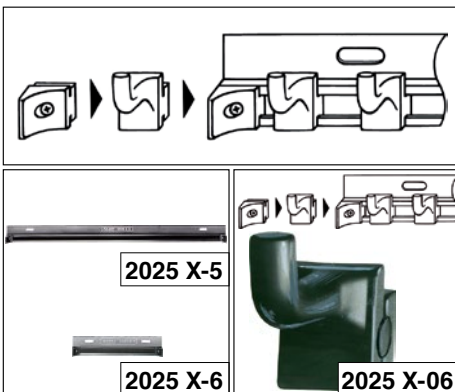
2025 X Tool holder

- Universal clamping rails
- Handy storage for any kind of tools
- Rail with 2 long holes allowing variable fixation even on perforated sheet metal displays
- Two flexible clamps embrace each tool without damaging it
- Flexible clamps made of oil resisting and antifreezing plastic, **flexible, durable**
- Rail made of anodized light metal



HAZET No.	l mm	EAN-No. 4000896+
• 20 clamping brackets 2025 X	440	010301
• 6 clamping brackets 2025 X-1	150	010424

2025 X Tool hangers and guiding rails



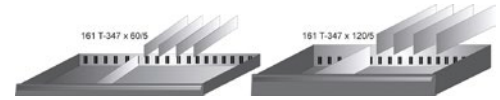
HAZET No.	l mm	□	EAN-No. 4000896+
• Guiding rail, complete, with three tool hangers			
• 150 mm long			
• Wall mounting			
2025 X-6/4	–	4	058259
• Tool hanger, self-locking,			
• Variable insertion into guiding rails 2025 X-5 and 2025 X-6			
2025 X-06	–	–	010394
• Guiding rail for above tool hanger			
2025 X-5	440	–	010479
2025 X-6	150	–	010486

Tool trolley /work bench accessories

161 T Separation sheets

Made in Germany

- For HAZET *Assistant*



HAZET No.	□	EAN-No. 4000896+
• Separation sheets, 5 pieces, for flat drawers		
• For tool trolley <i>Assistant</i> 177 and work bench <i>Assistant</i> 177 W		
• L 347 x H 60 mm		
161 T-347x60/5	5	120758
• Separation sheets, 5 pieces, for high drawers		
• For tool trolley <i>Assistant</i> 177 and work bench <i>Assistant</i> 177 W		
• L 347 x H 120 mm		
161 T-347x120/5	5	120765
• Separation sheets, 5-piece, for flat drawers		
• For <i>Assistant</i> 179 N(X) · 179 N XL · 179 N XXL tool trolleys and the <i>Assistant</i> 179 N W work bench		
• L 395 x H 60 mm		
161 T-395x60/5	5	226931
• Separation sheets, 5-piece, for high drawers		
• For <i>Assistant</i> 179 N(X) · 179 N XL · 179 N XXL tool trolleys and the <i>Assistant</i> 179 N W work bench		
• L 395 x H 120 mm		
161 T-395x120/5	5	226948

173 Anti-slipping mat



HAZET No.	⊞ kg	EAN-No. 4000896+
• Anti-slipping mat		
• For <i>Assistant</i> 173 · 179 XL · 179 N XL tool trolleys		
• L 694 x W 395 mm		
173-38	0.15	089789
• Anti-slipping mat		
• For <i>Assistant</i> 179 · 179-10 · 179 BIG-1 · 180 · 180 K-4 tool trolleys and <i>Assistant</i> 179 W work benches		
• L 529 x W 394 mm		
180-38	0.1	120819
• Anti-slipping mat		
• For <i>Assistant</i> 168 · 169 N · 174 · 176 · 177 · 178 tool trolleys and <i>Assistant</i> 177 W tool benches		
• L 523 x W 348 mm		
161-1	0.11	058884

161 Window pane holder

Made in Germany

- **Window pane holder with hinge and swivelling** suction cups 120 mm Ø,
- For *Assistant* 162 C · 162 N · 166 C · 166 N · 171 · 172 HD · 176 · 178 · 179 · 179 XL · 179 XXL · 180 and 180 K-4
- **Please use in pairs**



HAZET No.	EAN-No. 4000896+
161-8	004867



General Workshop Equipment

Tool trolley /work bench accessories



Tool trolley accessories

HAZET No. EAN-No. 4000896+



- Separation sheet set, 4-piece, for flat drawers
- For tool trolley HAZET *Assistant* 174 · 178 N-7 · 178 N K-3

161 T-178 N/4 206384



- Separation sheet set, 4-piece, for flat drawers
- For tool trolley *Assistant* 179 N · 179 NT · 179 NX tool trolleys and work bench *Assistant* 179 N W

• L 516xH 58 mm
161 T-179 N/4 215485

- Separation sheet set, 4-piece, for high drawers
- For *Assistant* 179 N · 179 NT · 179 NX tool trolleys and the *Assistant* 179 N W work bench

• L 516xH 118 mm
161 T-179 N/4 H 226979



- Separation sheet set, 5-piece, for flat drawers
- For tool trolley *Assistant* 179 N XL

• L 688xH 58 mm
161 T-179 N XL/5 215492

- Separation sheet set, 5-piece, for high drawers
- For the *Assistant* 179 N XL tool trolley

• L 688xH 118 mm
161 T-179 N XL/5 H 226962



- Separation sheet set, 6-piece, for flat drawers
- Tool trolley *Assistant* 179 N XXL

• L 863xH 58 mm
161 T-179 N XXL/6 215508

- Separation sheet set, 6-piece, for high drawers
- For *Assistant* 179 N XXL tool trolleys

• L 863xH 118 mm
161 T-179 N XXL/6 H 226955



- Container for small parts
- For tool trolley HAZET *Assistant* 162 C · 166 C · 167

162 C-5 078189



- Separation sheet for intermediary tray
- For HAZET tool trolley *Assistant* 162 C and 166 C

162 C-6 079810

Tool trolley accessories

HAZET No. EAN-No. 4000896+



- Separation sheets 5-piece for intermediary tray
- For tool trolley *Assistant* 162 C · 166 C

162 C-6/5 120772



- Storage board
- For *Assistant* 167 T tool trolleys

167 T 23 209972



- Perforated tool panel
- For *Assistant* 167 T tool trolleys

167 T 26 209996



- Separation sheets, flat, 5-piece
- For tool trolley *Assistant* 173 · 179 · 179-10 · 179 BIG · 179 XL · 179 XXL · 179 A XXL · 179 T XXL · 180 · 180 K-4 and work bench *Assistant* 179 W

• H 60xL 397 mm (for flat drawers)
173-31/5 090150



- Separation sheet set, high, 5-piece
- For tool trolley *Assistant* 173 · 179 · 179-10 · 179 BIG · 179 XL · 179 XXL · 179 A XXL · 179 T XXL · 180 and work bench *Assistant* 179 W

• L 397xH 120 mm (for high drawers)
173-32/5 120796



- Anti-slipping mat
- For *Assistant* 173 · 179 XL · 179 N XL tool trolleys

• L 694xW 395 mm
173-38 089789



- Door, lockable
- For right side
- For the *Assistant* 177 W work bench

177 W-21 154739



Tool trolley accessories

HAZET No. EAN-No. 4000896+



- **Can holder**, for 3 cans
- For *Assistant* 167-3 S · 167 T · 177 · 178 N · 179 N · 179 N X · 179 N XL · 179 N XXL tool trolleys and *Assistant* 177 W · 179 N W work benches as well as behind doors 179-21

179-35 141074



- **Basic fixture**
- For *Assistant* 179 · 179 XL · 179 XXL tool trolleys
- For screens
- As per Vesa 75 and 100
- Loading capacity: 5 kg

179-40 219575



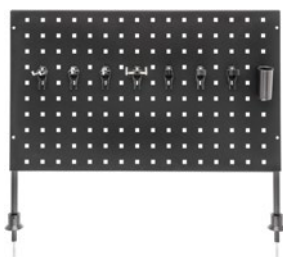
- **Small parts collector**
- For *Assistant* 179 N · 179 N X · 179 N XL · 179 N XXL tool trolleys and *Assistant* 179 N W work benches

179 N-19 214457



- **Lateral door**, lockable
- For left or right side panel on *Assistant* 179 N · 179 N X · 179 N XL and 179 N XXL
- Including 2 keys

179 N-21 215553



- **Vertical tool panel**
- Attachable to *Assistant* 179 N · 179 N X tool trolleys
- Holds additional tools
- Assortment of holders included 112-260 · 112-325 · 112-350 · 112-450 · 112-612 · 112-618 · 112-624 · 112-830

179 N-26 215522

Tool trolley accessories

HAZET No. EAN-No. 4000896+



- **Paper bin**
- For tool trolleys *Assistant* 167-3 S · 177 · 178 N · 179 N · 179 N X · 179 N XL · 179 N XXL and work bench *Assistant* 177 W · 179 W · 179 N W

179 N-33 236206



- **Basic fixture**
- For *Assistant* 179 N · 179 N X · 179 N XL · 179 N XXL tool trolleys
- For screens
- As per Vesa 75 and 100
- Loading capacity: 5 kg

179 N-40 215591



- **Laptop holder**
- For *Assistant* 179 N · 179 N X · 179 N XL · 179 N XXL tool trolleys
- Loading capacity: 5 kg
- As per Vesa 75 and 100
- Hook-and-loop strip for securing the laptop included in delivery

179 N-42 215621



- **Supplementary storage drawer**, for right storage compartment
- For *Assistant* 179 N W work benches
- Dimensions (inner) W 318xD 398xH 77 mm
- 25 kg loading capacity with self-retraction

179 N W-22 219636



- **Storage shelf**
- For work bench *Assistant* 179 N W
- Flexible installation into the right storage compartment
- Loading capacity 15 kg
- Including 4 screws

179 N W-23 220199



General Workshop Equipment

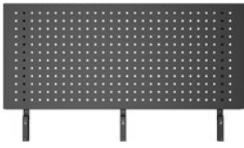
Tool trolley /work bench accessories



Tool trolley accessories

HAZET
No.

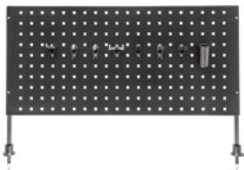
EAN-No.
4000896+



- **Vertical tool panel**
- Can be screwed onto workbench *Assistant* 179 N W
- Holds additional tools
- Assortment of 8 holders included:
112-260 · 325 · 350 · 450 · 612 · 618 · 624 · 830
- Number of perforations: 336
- L 1150xW 10xH 510 mm

179 N W-26

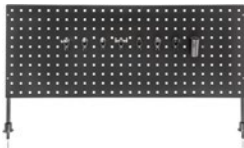
219612



- **Vertical tool panel**
- Attachable to *Assistant* 179 N XL tool trolleys
- Holds additional tools
- Assortment of holders included 112-260 · 112-325 · 112-350 · 112-450 · 112-612 · 112-618 · 112-624 · 112-830

179 N XL-26

215539



- **Vertical tool panel**
- Attachable to *Assistant* 179 N XXL tool trolleys
- Holds additional tools
- Assortment of holders included 112-260 · 112-325 · 112-350 · 112-450 · 112-612 · 112-618 · 112-624 · 112-830

179 N XXL-26

215546



- **Basic fixture**
- For *Assistant* 177 W · 179 W · 179 N W work benches
- For screens
- As per Vesa 75 and 100
- Loading capacity: 5 kg

179 W-40

219568



- **Laptop holder**
- For work bench *Assistant* 177 W · 179 W · 179 N W
- Loading capacity: 5 kg
- As per Vesa 75 and 100

179 W-42

219551

Tool trolley accessories

HAZET
No.

EAN-No.
4000896+



- **Document holder**, for working papers
- For *Assistant* 167 T · 167-3 S · 177 · 178 N · 179 N · 179 N X · 179 N XL · 179 N XXL tool trolleys and *Assistant* 177 W · 179 N W work benches

180-24

110827



- **Holder for paper reel**
- For *Assistant* 167-3 S · 177 · 178 N · 179 N · 179 N X · 179 N XL · 179 N XXL tool trolleys and *Assistant* 177 W · 179 N W work benches
- Includes installation kit (without paper reel)
- For paper reels up to maximum 350 mm \varnothing and maximum 280 mm width

180-34

120840



- **Can holder**, for 4 cans
- Includes installation kit for *Assistant* 167-3 S · 167 T tool trolleys and the *Assistant* 179 N W work bench
- No additional adapter necessary for hooking into the rectangular perforation

180-35

120826



- **Anti-slipping mat**
- For *Assistant* 179 · 179-10 · 179 BIG-1 · 180 · 180 K-4 tool trolleys and *Assistant* 179 W work benches
- L 529xW 394 mm

180-38

120819



- **Machinist's vice**
- Drop forged
- Gripping jaw width: 100 mm
- Installation on *Assistant* 177 W · 179 W · 179 N W work benches together with 179 N W-11 machinist's vice fastening set
- Assembly on *Assistant* 177 tool trolleys together with 2175 N-11 wooden liner

2175 N

013685



- **Distance plate** (wooden) for machinist's vice 2175 N
- Installation of the vice on work benches *Assistant* 172 HD, 177, 180, 180 K-4
- Including installation accessories

2175 N-11

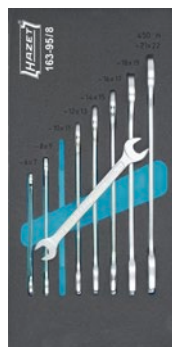
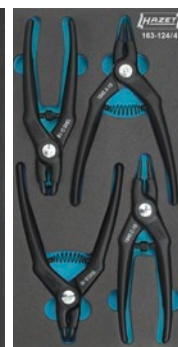
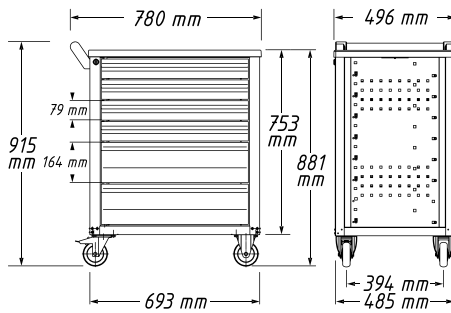
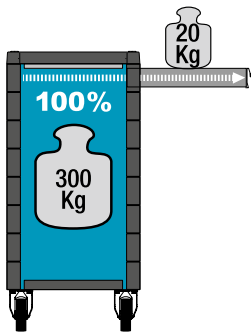
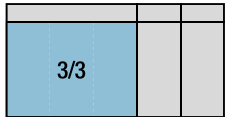
013692



Tool trolley *Assistant* with assortment

177 Tool trolley *Assistant* with assortment

• Tool trolley





General Workshop Equipment

Tool trolley *Assistant* with assortment



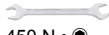
177 Tool trolley *Assistant* with assortment



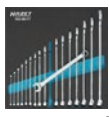
177-7



163-95/8 • ●



450 N • ●
6x7 • 8x9 • 10x11
12x13 • 14x15 • 16x17
18x19 • 21x22



163-98/17 • ●



600 N • ●
6 • 7 • 8 • 9 • 10
11 • 12 • 13 • 14 • 15
16 • 17 • 18 • 19 • 21
22 • 24



163-124/4



1845 A-19



1845 B-19



1845 C-19



1845 D-19



163-182/9 • ●



828-T • ●

T 6 • T 7 • T 8
T 9 • T 10 • T 15
T 20 • T 25 • T 30



163-192/24 • ●, ○



850 E • ●, ○, ¼
E 5 • E 6 • E 7 • E 8 • E 10



8502 • ●, ○, ¼
T 10 • T 15 • T 20 • T 25
T 27 • T 30 • T 40



900 E • ●, ○, ½
E 10 • E 12 • E 14
E 16 • E 18 • E 20



992 • ●, ○, ½
T 30 • T 40 • T 45
T 50 • T 55



2115-T/7 R • ●



163-224/57

○, ○, ○, ○, ○, ○, ○
½, ¾, ¼, ⅜



810 SPC-6.3 • ●, ⅜



850 • ●, ○, ¼
5.5 • 6 • 7 • 8 • 9
10 • 11 • 12 • 13



863 HP • ●, ¼



867-2 • ●, ¼, ¼, ¼



868 • ●, ¼, ¼, ¼



869 • ●, ¼, ¼, ¼



900 • ●, ○, ½
10 • 11 • 12 • 13 • 14
15 • 16 • 17 • 18 • 19
20 • 21 • 22 • 23 • 24
26 • 27 • 28 • 30 • 32



915 • ●, ½



916 HP • ●, ½



917-5 • ●, ½, ○, ½



918-10 • ●, ½, ○, ½



920 • ●, ½, ○, ½



2204 • ●, ○, ⅜
3 • 4 • 5 • 6 • 8



2208 • ●, ○, ⅜
0.6x4.5 • 1x6 • 1.2x6.5



2215 • ●, ○, ⅜
PH 1 • PH 3



2216 • ●, ○, ⅜
PZ 1 • PZ 2



2223 • ●, ○, ⅜
T 15 • T 20 • T 25 • T 30



2250-1 • ●, ¼, ○, ¼



2304 • ●, ¼, ○, ⅜



163-269/3



1859 SPC/3



163-297/26 • ●, ○, ○, ○



810 U-1/5 • ●, ○



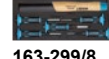
810/6 • ●, ○



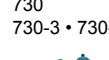
810 T/6 • ●



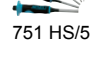
2105 Lg/9 H • ○



163-299/8



730
730-3 • 730-6



751 HS/5



2140-50



2128 N-1



2240 N/36

○, ○, ○, ○, ○, ○, ○, ○



2204 • ○, ○, ⅜
3 • 4 • 5 • 6 • 8



2208 • ●, ○, ⅜
0.6x4.5 • 1x6 • 1.2x6.5



2215 • ●, ○, ⅜
PH 1 • PH 3



2216 • ●, ○, ⅜
PZ 1 • PZ 2



2223 • ●, ○, ⅜
T 10 • T 15 • T 20 • T 25
T 27 • T 30 • T 40



2223 • ●, ○, ⅜
T 20 H • T 30 H



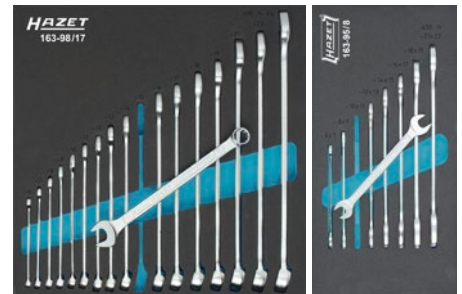
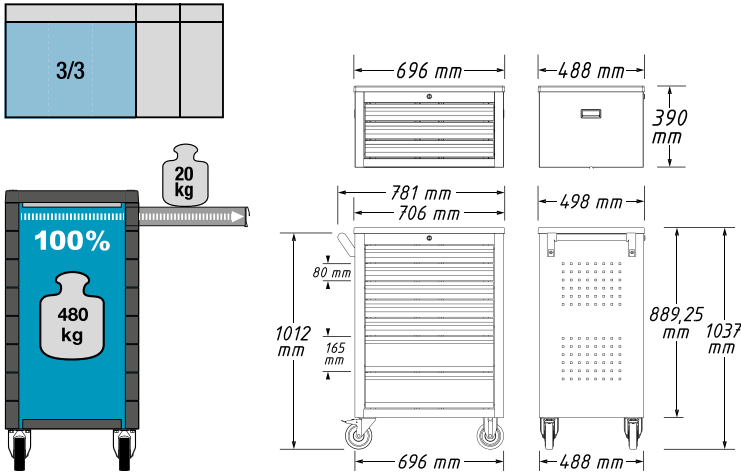
2239-6 • ●, ⅜, ○, ⅜

HAZET No.	L x W x H mm	79x527x348 mm	164x527x348 mm	kg	EAN-No. 4000896+		
<ul style="list-style-type: none"> • 6 flat drawers and 1 high drawer • Complete with 217-piece tool assortment in Safety-Insert-System soft foam insert 							
177-7/217	780x498x915	6x	1x	7x	62.8	217	202461
177-7	780x498x915	6x	1x	7x	64.8	-	148592
<ul style="list-style-type: none"> • Tool assortment • In Safety Insert System soft-foam inserts 							
0-6/217	-	-	-	-	-	217	190492

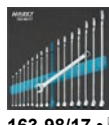


178 N Tool trolley *Assistant*

• Tool trolley



178 N-7



163-98/17 • ●



810/6 • ●, ●



163-466/106

●, ○, ○, ○, ●, ●, ●, ●, ●, ●, ●, ●, ●, ●



863 HP • ● 1/4



2105 Lg/9 H • ○



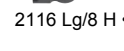
867-2 • ● 1/4 • ● 1/2



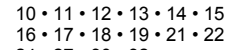
2116 Lg/8 H • ○



900 • ● 1/2



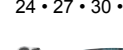
2240 N/51



10 • 11 • 12 • 13 • 14 • 15
16 • 17 • 18 • 19 • 21 • 22
24 • 27 • 30 • 32



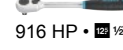
●, ●, ●, ●, ●, ●, ●, ●, ●, ●, ●



916 HP • ● 1/2



2250-1 • ● 1/4 • ● 1/2



917-5 • ● 1/2 • ● 3/4



2240 N/51



850 • ● 1/4



4 • 4.5 • 5 • 5.5
6 • 7 • 8 • 9
10 • 11 • 12 • 13



163-95/8 • ●



600 N • ●

6 • 7 • 8 • 9 • 10
11 • 12 • 13 • 14 • 15
16 • 17 • 18 • 19 • 21
22 • 24



810 T/6 • ●



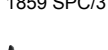
751 HS/5



1859 SPC/3



850 • ● 1/4



2140-50



450 N • ●

6x7 • 8x9 • 10x11
12x13 • 14x15 • 16x17
18x19 • 21x22



163-330/16 • ●, ●, ●, ●

HAZET No.	L x W x H mm	80x527x348 mm	165x527x348 mm	kg		EAN-No. 4000896+
• 5 flat and 2 high drawers						
• Complete with 147-piece tool assortment in Safety-Insert-System soft foam insert						
178 N-7/147	781x498x1037	5x	2x	-	147	205080
178 N-7	781x498x1037	5x	2x	74.1	-	202782
• Tool assortment						
• In Safety Insert System soft-foam inserts						
0-178 N/147	-	-	-	-	147	205097



General Workshop Equipment

Tool trolley *Assistent*® with assortment



The *Assistent*® – quality through and through.
Job well done by HAZET!

Design



Sheet metal forming



Welding robot



Powder coated



Installation



Quality management



Made in Germany

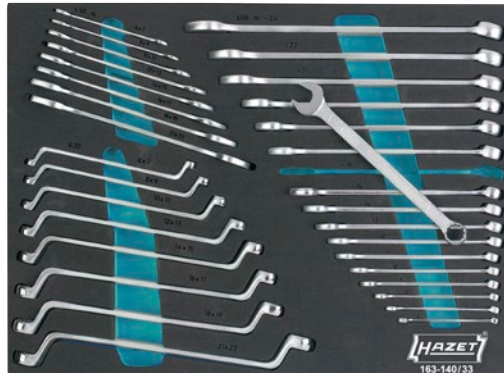
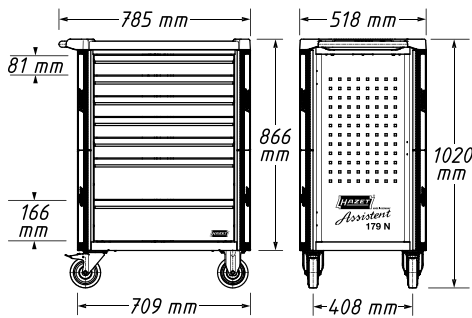
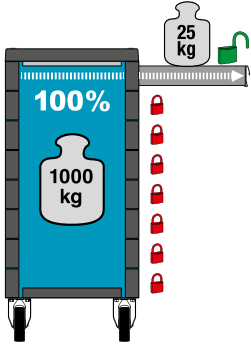
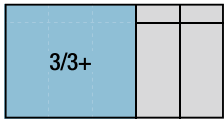




179 N Tool trolley *Assistant*

• Tool trolley

Ⓔ





General Workshop Equipment

Tool trolley *Assistant* with assortment



179 N Tool trolley *Assistant*

(E)



179 N-7



163-138/77



850 •



850 LG •



858-1 •



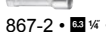
863 HP •



865 •



866 U •



867-2 •



868 •



869 •



8501 •



8503 •



8506 •



8507 •



900 •



903 SLG •



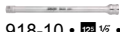
915 •



916 HP •



917-5 •



918-10 •



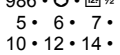
919-1 •



920 •



958-1 •



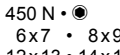
958-2 •



986 •



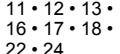
163-140/33 •



450 N •



600 N •



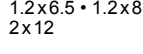
630 •



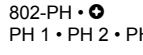
163-141/31 •



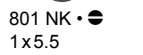
802 •



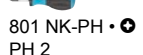
802-PH •



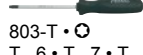
801 NK •



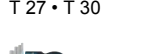
801 NK-PH •



803-T •



2105 Lg/9 H •



163-143/18 •



426 •



612 N •



730 •



746-1 •



824 •



1952-40 •



2140-40 •



2152 N/3 •



2154 N-5 •



4968-2 •



2128 N-1 •



2240 N/36 •



2204 •



2208 •



2215 •



2216 •



2223 •



2223 •



2239-6 •

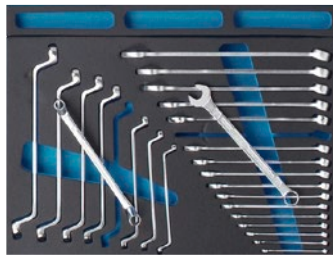
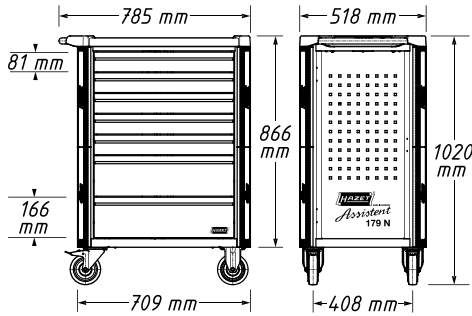
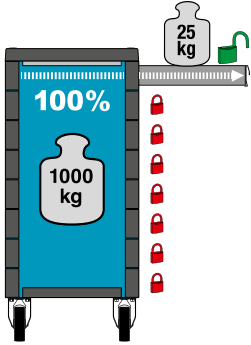
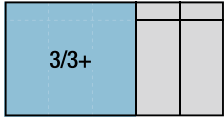
HAZET No.	L x W x H mm	81 x 522 x 398 mm	166 x 522 x 398 mm	kg	220	EAN-No. 4000896+
• 5 flat and 2 high drawers						
179 N-7/220	785x518x1020	5x	2x	90	220	220267
179 N-7	785x518x1020	5x	2x	90	-	214488
• Tool assortment						
• In Safety Insert System soft-foam inserts						
0-179/220	-	-	-	-	220	168439



179 N Tool trolley *Assistant*

• MERCEDES-BENZ tool trolley

Ⓔ



179 N-8



163-118/57
• O, •, •, •, •, •
1/2, 3/4



850 • • 1/4
4 • 5 • 5.5 • 6
7 • 8 • 9 • 10
11 • 12 • 13 • 14



8501 • • 1/4
3 • 4 • 5 • 6 • 8



8503 • • 1/4
0.6x3.5 • 1x5.5 • 1.2x8



8506 • • 1/4
PH 1 • PH 2



8507 • • 1/4
PZ 1 • PZ 2



863 HP • • 1/4



865 • • 1/4



866 U • • 1/4



867-2 • • 1/4 • 3/4



868 • • 1/4 • 3/4



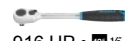
869 • • 1/4 • 3/4



900 Z • • 1/2
10 • 11 • 12 • 13 • 14 • 15
16 • 17 • 18 • 19 • 20 • 21
22 • 23 • 24 • 26 • 27 • 28
30 • 32 • 34



915 • • 1/2



916 HP • • 1/2

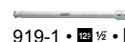


919 • • 1/2 • 3/4

919-5 • 919-10



920 • • 1/2 • 3/4



919-1 • • 1/2 • 3/4



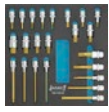
General Workshop Equipment

Tool trolley *Assistant* with assortment



179 N Tool trolley *Assistant*

(E)



163-119/23 • O, O • 1/2

986 • O • 1/2
5 • 6 • 7 • 8 • 10
12 • 14 • 17 • 19

986 KK • O • 1/2
6 • 7 • 8 • 10

990 • O • 1/2
M 8 • M 10 • M 12
M 14 • M 16 • M 18

990 LG • O • 1/2
M 8 • M 14

990 SLG • O • 1/2
M 10 • M 12



163-120/24 • O, O, O

730
730-3 • 730-6

746-1

748 B
748 b-3 • 748 b-4
748 b-5 • 748 b-6

760-2

801 NK • O
1x5.5

801 NK-PH • O
PH 2

803 • O
0.4x2.5 • 0.5x3 • 0.6x3.5
0.8x4 • 1.2x6.5 • 1.2x8

803-PH • O
PH 1 • PH 2 • PH 3

1802 M-22

1841 M b-33

1850 M-22

2105 Lg/9 H • O

2140-50



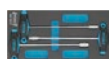
163-121/4

755-10 A

1802 M-33

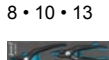
1803 M-11

1841 M a-11



163-122/3 • O

428 • O
8 • 10 • 13



163-124/4

1845 A-19

1845 B-19

1845 C-19

1845 D-19

1845 D-19

1845 D-19

1845 D-19

163-130 L



163-131/8
1/4, 3/8, 1/2, 3/4

858-1 • O • 3/8 • 1/4

8858-1 • 1/2 • 3/8 • 1/2
8858-2 • 1/4 • 1/2 • 3/8

903 SLG • O • 1/2
17 • 19

958-1 • 1/2 • 3/8 • 1/2
958-2 • 1/2 • 3/8 • 1/2

1058-2 • 1/2 • 3/8 • 1/2

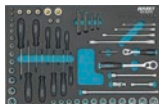


163-30/25 • O, O

600 N • O
6 • 7 • 8 • 9 • 10
11 • 12 • 13 • 14 • 15
16 • 17 • 18 • 19 • 21
22 • 24

630 • O
6x7 • 8x9 • 10x11
12x13 • 14x15 • 16x17
18x19 • 21x22

163-522x50



163-53/75 • O, O, O, O
1/2, 3/8, 1/4, 3/16

609 • O
E 6, E 8 • E 10, E 12
E 14, E 18 • E 20, E 24

803-T • O
T 6 • T 7 • T 8 • T 9
T 10 • T 15 • T 20 • T 25
T 27 • T 30

850 E • O • 1/4
E 4 • E 5 • E 6 • E 7 • E 8

880 • O • 3/8

10 • 11 • 12 • 13
14 • 15 • 16 • 17
18 • 19 • 21 • 22

880 E • O • 3/8
E 10 • E 11 • E 12 • E 14

8802 • O • 3/8
T 40 • T 45

8816 HP • O • 3/8

8820 • O • 3/8 • 1/2

8821 • O • 3/8 • 1/2
8821-3 • 8821-6 • 8821-10

900 E • O • 1/2
E 16 • E 18 • E 20 • E 24

992 • O • 1/2
T 50 • T 55 • T 60

2115 • O
T 6 • T 7 • T 8 • T 9
T 10 • T 15 • T 20 • T 25
T 27 • T 30 • T 40

2223 • O • 3/16
T 6

2223 • O • 3/16
T 7 H • T 8 H • T 9 H
T 10 H • T 15 H • T 20 H
T 25 H • T 27 H • T 30 H
T 40 H

2223 LG • O • 3/16
T 25

2250-1 • O • 3/16 • 1/4
2250-2 • O • 3/16 • 1/2

863 HP B • O • 3/16



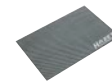
163-95/8 • O

450 N • O
6x7 • 8x9 • 10x11
12x13 • 14x15 • 16x17
18x19 • 21x22



163-97/6 • O

606 • O
8 • 10 • 12 • 13 • 17 • 19



180-38

426 • O
6 • 7 • 8

450 N • O
24x27 • 30x32

600 N • O
27 • 30 • 32

612 • O
10x11

630 • O
24x27 • 30x32

650-20

803 LG-T • O
T 15 • T 20 • T 25 • T 30

824 • O
0.5x23

828-T • O
T 45

880 G/10 H • O • 3/8

880 G • O • 3/8
10 • 11 • 12 • 13 • 14
15 • 16 • 17 • 18 • 19

880 TZ/10 H • O • 3/8

880 TZ/10 H • O • 3/8

880 TZ • O • 3/8
10 • 11 • 12 • 13 • 14
15 • 16 • 17 • 18 • 19

900 SZ • O • 1/2
32 • 34 • 36

918-23 • 1/2 • 1/2

1015/2 • 20 • 3/4

1014

1015-1 • 20 • 3/4

1952-35

1976

2130

2147

2154-10

2154-10

2154 N-5

2160

2165-2

2211 • O • 3/16
M 4 • M 5

2212 • O • 3/16
M 10 • M 6 • M 8

6420 b • O • 3/16 • 1/4

6420 c • O • 3/16 • 1/4

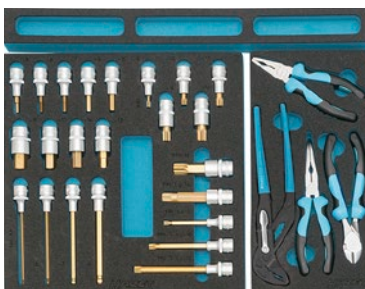
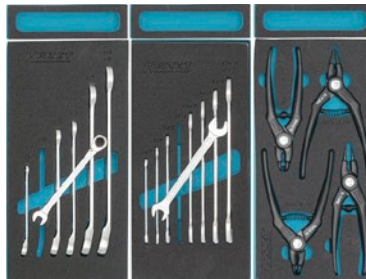
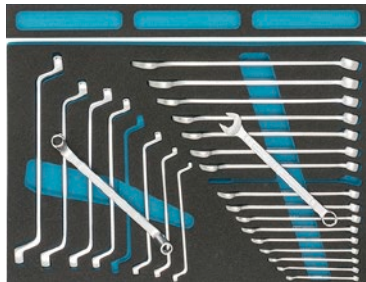
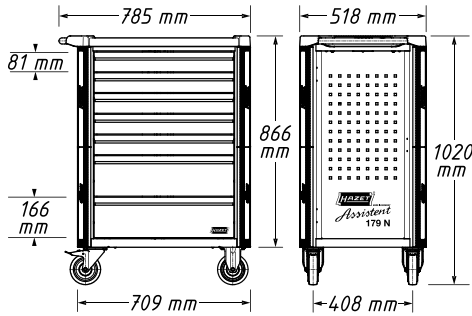
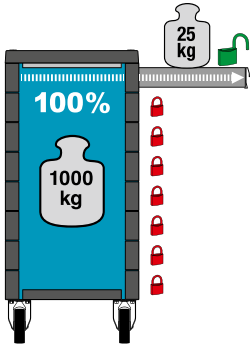
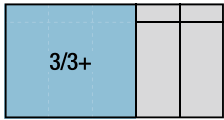
HAZET No.	L x W x H mm	81x522x398 mm	166x522x398 mm	kg		EAN-No. 4000896+
<ul style="list-style-type: none"> • 7 flat drawers and 1 high drawer • Includes 296-piece tool assortment in Safety-Insert-System soft foam insert 						
179 N-8-2700/296	785x518x1020	7x	1x	90	296	220298
179 N-8	785x518x1020	7x	1x	90	-	214587
<ul style="list-style-type: none"> • Tool assortment • In Safety Insert System soft-foam inserts 						
0-2700-163/296	-	-	-	37	296	162031



179 N Tool trolley *Assistant*

• With tool assortment for VW / AUDI

Ⓔ





General Workshop Equipment

Tool trolley *Assistant* with assortment

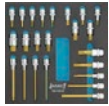


179 N Tool trolley *Assistant*

(E)



179 N-8-RAL 7021



163-119/23 • O, O • 1/2



986 • O • 1/2
5 • 6 • 7 • 8 • 10
12 • 14 • 17 • 19



986 KK • O • 1/2
6 • 7 • 8 • 10



990 • O • 1/2
M 8 • M 10 • M 12
M 14 • M 16 • M 18



990 LG • O • 1/2
M 8 • M 14



990 SLG • O • 1/2
M 10 • M 12



163-121/4



755-10 A



1802 M-33



1803 M-11



1841 M a-11



163-122/3 • O



428 • O
8 • 10 • 13



163-124/4



1845 A-19



1845 B-19



1845 C-19



1845 D-19



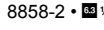
163-131/8
1/4, 3/8, 1/2, 3/4



858-1 • 1/2 • 3/4



8858-1 • 1/2 • 3/4
8858-2 • 3/4 • 1/2



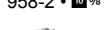
903 SLG • 1/2 • 3/4
17 • 19



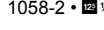
958-1 • 1/2 • 3/4 • 1/2
958-2 • 1/2 • 3/4 • 1/2



1058-2 • 1/2 • 3/4



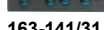
1058-2 • 1/2 • 3/4



1058-2 • 1/2 • 3/4



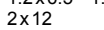
1058-2 • 1/2 • 3/4



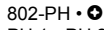
1058-2 • 1/2 • 3/4



1058-2 • 1/2 • 3/4



1058-2 • 1/2 • 3/4



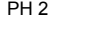
1058-2 • 1/2 • 3/4



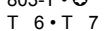
1058-2 • 1/2 • 3/4



1058-2 • 1/2 • 3/4



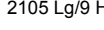
1058-2 • 1/2 • 3/4



1058-2 • 1/2 • 3/4



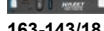
1058-2 • 1/2 • 3/4



1058-2 • 1/2 • 3/4



1058-2 • 1/2 • 3/4



1058-2 • 1/2 • 3/4



1058-2 • 1/2 • 3/4



1058-2 • 1/2 • 3/4



730
730-3 • 730-6



746-1



748 B
748 b-3 • 748 b-4
748 b-5 • 748 b-6
748 b-8



824 • -
0.5x23



1952-40



2140-40



2152 N/3



2154 N-5



4968-2



163-172x50



163-181/17 • O • 1/2



163-172x50



163-181/17 • O • 1/2



163-181/17 • O • 1/2



163-181/17 • O • 1/2



163-181/17 • O • 1/2



163-181/17 • O • 1/2



163-181/17 • O • 1/2



163-181/17 • O • 1/2



163-181/17 • O • 1/2



163-181/17 • O • 1/2



163-181/17 • O • 1/2



163-181/17 • O • 1/2



163-181/17 • O • 1/2



163-181/17 • O • 1/2



163-258/92



850 • O • 1/2
4 • 5 • 5.5 • 6
7 • 8 • 9 • 10
11 • 12 • 13 • 14



850 E • O • 1/2
E 4 • E 5 • E 6 • E 7 • E 8



8501 • O • 1/2
3 • 4 • 5 • 6



8502 • O • 1/2
T 10 • T 15 • T 20
T 25 • T 27



8503 • O • 1/2
1x5.5



8506 • O • 1/2
PH 1 • PH 2



863 HP • 1/2



866 U • 1/2



867-2 • 1/2 • 3/4



867-4 • 1/2 • 3/4



868 • 1/2 • 3/4



869 • 1/2 • 3/4



900 • O • 1/2



900 • O • 1/2



900 • O • 1/2



900 • O • 1/2



900 • O • 1/2



900 • O • 1/2



900 • O • 1/2



900 • O • 1/2



900 • O • 1/2



916 HP • 1/2



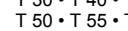
919 • 1/2 • 3/4



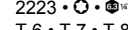
919-1 • 919-5 • 919-10



920 • 1/2 • 3/4



992 • O • 1/2
T 30 • T 40 • T 45
T 50 • T 55 • T 60



2223 • O • 1/2
T 6 • T 7 • T 8 • T 9



2250-1 • 1/2 • 3/4



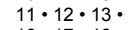
2250-1 • 1/2 • 3/4



2250-1 • 1/2 • 3/4



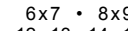
2250-1 • 1/2 • 3/4



2250-1 • 1/2 • 3/4



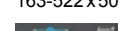
2250-1 • 1/2 • 3/4



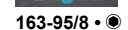
2250-1 • 1/2 • 3/4



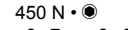
2250-1 • 1/2 • 3/4



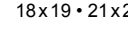
2250-1 • 1/2 • 3/4



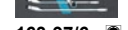
2250-1 • 1/2 • 3/4



2250-1 • 1/2 • 3/4



2250-1 • 1/2 • 3/4



2250-1 • 1/2 • 3/4



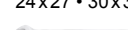
2250-1 • 1/2 • 3/4



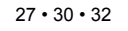
2250-1 • 1/2 • 3/4



2250-1 • 1/2 • 3/4



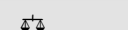
2250-1 • 1/2 • 3/4



2250-1 • 1/2 • 3/4



2250-1 • 1/2 • 3/4



2250-1 • 1/2 • 3/4



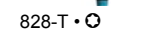
650-20



803 LG-T • O
T 15 • T 20 • T 25 • T 30



828-T • O
T 45



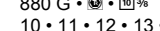
880 G/10 H • O • 1/2



880 G • O • 1/2
10 • 11 • 12 • 13 • 14
15 • 16 • 17 • 18 • 19



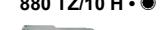
880 TZ/10 H • O • 1/2



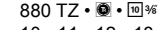
880 TZ • O • 1/2
10 • 11 • 12 • 13 • 14
15 • 16 • 17 • 18 • 19



880 TZ • O • 1/2



880 TZ • O • 1/2



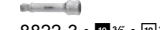
880 TZ • O • 1/2



880 TZ • O • 1/2



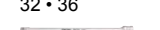
880 TZ • O • 1/2



880 TZ • O • 1/2



880 TZ • O • 1/2



880 TZ • O • 1/2



880 TZ • O • 1/2



880 TZ • O • 1/2



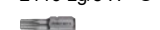
880 TZ • O • 1/2



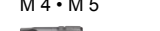
880 TZ • O • 1/2



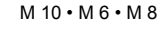
880 TZ • O • 1/2



880 TZ • O • 1/2



880 TZ • O • 1/2



880 TZ • O • 1/2



880 TZ • O • 1/2



880 TZ • O • 1/2



880 TZ • O • 1/2

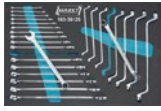




0-2500 Standard assortment for AUDI

• **Standard assortment for AUDI**

• Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistent



163-30/25 • 1/2, 3/4



600 N • 1/2

6 • 7 • 8 • 9 • 10
11 • 12 • 13 • 14 • 15
16 • 17 • 18 • 19 • 21
22 • 24



630 • 3/4

6x7 • 8x9 • 10x11
12x13 • 14x15 • 16x17
18x19 • 21x22

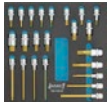


163-97/6 • 1/2



606 • 1/2

8 • 10 • 12 • 13 • 17 • 19



163-119/23 • 1/2, 3/4, 1/2



986 • 1/2, 3/4

5 • 6 • 7 • 8 • 10
12 • 14 • 17 • 19



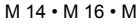
986 KK • 1/2, 3/4

6 • 7 • 8 • 10



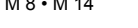
990 • 1/2, 3/4

M 8 • M 10 • M 12
M 14 • M 16 • M 18



990 LG • 1/2, 3/4

M 8 • M 14



990 SLG • 1/2, 3/4

M 10 • M 12



163-141/31 • 1/2, 3/4, 1/2, 3/4



802 • 1/2

0.6x3.5 • 0.8x4 • 1x5.5
1.2x6.5 • 1.2x8 • 1.6x10
2x12



802-PH • 1/2

PH 1 • PH 2 • PH 3



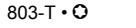
801 NK • 1/2

1x5.5



801 NK-PH • 1/2

PH 2



803-T • 1/2

T 6 • T 7 • T 8 • T 9
T 10 • T 15 • T 20 • T 25
T 27 • T 30



2105 Lg/9 H • 1/2



163-143/18 • 1/2



426 • 1/2

6 • 7



612 N • 1/2

10x11



730

730-3 • 730-6



746-1



748 B

748 b-3 • 748 b-4
748 b-5 • 748 b-6
748 b-8



824 • 1/2

0.5x23



1952-40



2140-40



2152 N/3



2154 N-5



4968-2



163-172x50



163-257/4



760-2



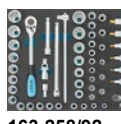
1802 M-22



1841 M b-33



1850 M-22



163-258/92



850 • 1/2, 3/4

4 • 5 • 5.5 • 6
7 • 8 • 9 • 10
11 • 12 • 13 • 14



850 E • 1/2, 3/4

E 4 • E 5 • E 6 • E 7 • E 8



8501 • 1/2, 3/4

3 • 4 • 5 • 6



8502 • 1/2, 3/4

T 10 • T 15 • T 20
T 25 • T 27



8503 • 1/2, 3/4

1x5.5



8506 • 1/2, 3/4

PH 1 • PH 2



863 HP • 1/2, 3/4



866 U • 1/2, 3/4



867-2 • 1/2, 3/4, 3/4



867-4 • 1/2, 3/4, 3/4



868 • 1/2, 3/4, 3/4



869 • 1/2, 3/4, 3/4



900 • 1/2, 3/4

10 • 11 • 12 • 13 • 14
15 • 16 • 17 • 18 • 19
20 • 21 • 22 • 24 • 27
30 • 32



900 Z • 1/2, 3/4

8 • 9 • 10 • 12 • 13
14 • 15 • 16 • 17 • 18
19 • 21 • 22 • 24 • 27
30 • 32



900 E • 1/2, 3/4

E 10 • E 12 • E 14
E 16 • E 18 • E 20



915 • 1/2, 3/4



916 HP • 1/2, 3/4



919 • 1/2, 3/4, 1/2, 3/4

919-1 • 919-5 • 919-10



920 • 1/2, 3/4, 1/2, 3/4



992 • 1/2, 3/4

T 30 • T 40 • T 45
T 50 • T 55 • T 60



2223 • 1/2, 3/4

T 6 • T 7 • T 8 • T 9



2250-1 • 1/2, 3/4, 3/4



163-522x50



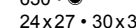
600 N • 1/2

27 • 30 • 32

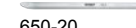


630 • 3/4

24x27 • 30x32



650-20



1841 M a-22



2116 Lg/8 H • 1/2



General Workshop Equipment

Tool trolley *Assistant* with assortment



0-2500 Supplementary tool assortment for AUDI

• Supplementary tool assortment for AUDI

• Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



163-95/8 • ●



450 N • ●
6x7 • 8x9 • 10x11
12x13 • 14x15 • 16x17
18x19 • 21x22



163-121/4



755-10 A



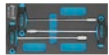
1802 M-33



1803 M-11



1841 M a-11



163-122/3 • ●



428 • ●
8 • 10 • 13



163-124/4



1845 A-19



1845 B-19



1845 C-19



1845 D-19



163-131/8
6,3 1/4, 10 3/8, 12 1/2, 20 3/4



858-1 • 10 3/8 • 6,3 1/4



8858-1 • 12 1/2 • 10 3/8

8858-2 • 6,3 1/4 • 10 3/8



903 SLG • 12 1/2 • 17 • 19



958-1 • 20 3/4 • 12 1/2

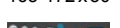
958-2 • 10 3/8 • 12 1/2



1058-2 • 12 1/2 • 20 3/4



163-172x50



163-181/17 • ● • 10 3/8

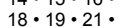


880 • ● • 10 3/8

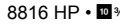
10 • 11 • 12 • 13

14 • 15 • 16 • 17

18 • 19 • 21 • 22



8816 HP • 10 3/8

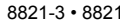


8820 • 10 3/8 • 10 3/8



8821 • 10 3/8 • 10 3/8

8821-3 • 8821-6 • 8821-10



426 • ●

8



450 N • ●

24x27 • 30x32



803 LG-T • ○

T 15 • T 20 • T 25 • T 30



828-T • ○

T 45



880 G/10 H • ● • 10 3/8



880 G • ● • 10 3/8

10 • 11 • 12 • 13 • 14

15 • 16 • 17 • 18 • 19



880 TZ/10 H • ● • 10 3/8



880 TZ • ● • 10 3/8

10 • 11 • 12 • 13 • 14

15 • 16 • 17 • 18 • 19



8822-1 • 10 3/8 • 10 3/8



8822-10 • 10 3/8 • 10 3/8

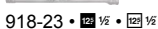


8822-3 • 10 3/8 • 10 3/8



900 SZ • ● • 12 1/2

32 • 36



918-23 • 12 1/2 • 12 1/2



1015/2 • 20 3/4



1014

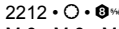


1015-1 • 20 3/4



2211 • ○ • 13 1/4

M 4 • M 5



2212 • ○ • 13 1/4

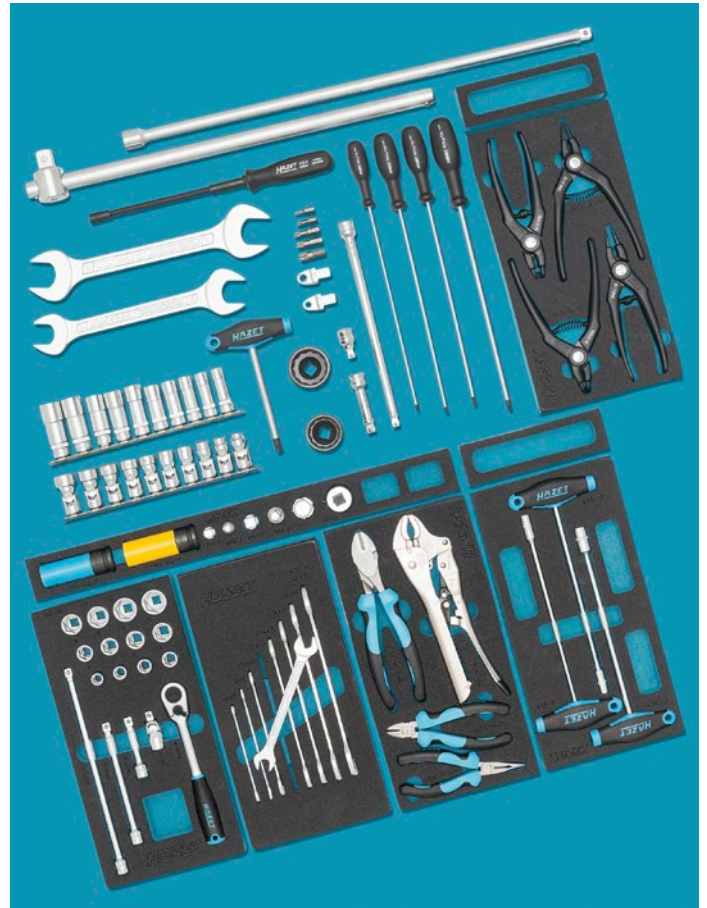
M 6 • M 8 • M 10



6420 b • 13 1/4 • 13 1/4



6420 c • 13 1/4 • 13 1/4



HAZET No. 0-2500-163/86

12 kg

86

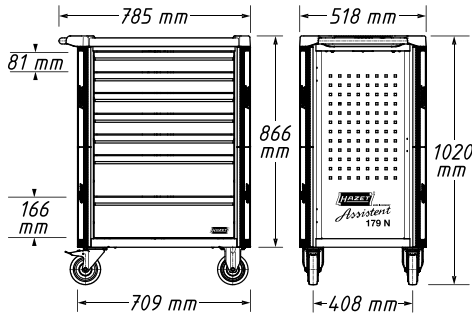
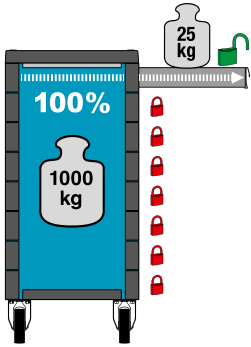
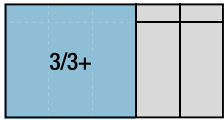
EAN-No. 4000896+ 179503



179 N Tool trolley *Assistant*

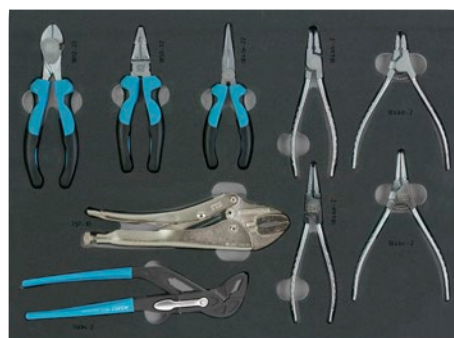
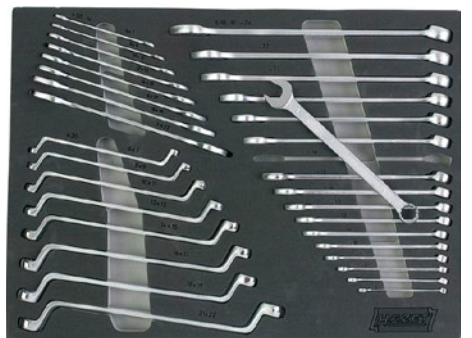
• Full BMW passenger car assortment

Ⓔ



© BMW AG

**Specialized tool assortment
– recommended by BMW –**





General Workshop Equipment

Tool trolley *Assistant* with assortment



179 N Tool trolley *Assistant*

(E)



179 N T-8-RAL 7016



163-104/77-BMW



850 • $\frac{1}{4}$ • $\frac{3}{8}$ • $\frac{1}{2}$
3 • 4 • 5 • 5.5 • 6
7 • 8 • 9 • 10 • 11
12 • 13 • 14



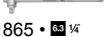
850 LG • $\frac{1}{4}$ • $\frac{3}{8}$ • $\frac{1}{2}$
4 • 5 • 5.5 • 6
7 • 8 • 9 • 10
11 • 12 • 13



858-1 • $\frac{1}{2}$ • $\frac{3}{4}$ • $\frac{1}{2}$



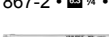
863 HP • $\frac{1}{4}$



865 • $\frac{1}{4}$



866 U • $\frac{1}{4}$



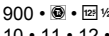
867-2 • $\frac{1}{4}$ • $\frac{3}{8}$ • $\frac{1}{2}$



868 • $\frac{1}{4}$ • $\frac{3}{8}$ • $\frac{1}{2}$



869 • $\frac{1}{4}$ • $\frac{3}{8}$ • $\frac{1}{2}$



900 • $\frac{1}{2}$ • $\frac{3}{4}$
10 • 11 • 12 • 13 • 14
15 • 16 • 17 • 18 • 19
20 • 21 • 22 • 24 • 27
30 • 32



903 SLG • $\frac{1}{2}$ • $\frac{3}{4}$
17 • 19



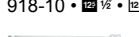
915 • $\frac{1}{2}$



916 HP • $\frac{1}{2}$



917-5 • $\frac{1}{2}$ • $\frac{3}{4}$ • $\frac{1}{2}$



918-10 • $\frac{1}{2}$ • $\frac{3}{4}$ • $\frac{1}{2}$



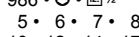
919-1 • $\frac{1}{2}$ • $\frac{3}{4}$ • $\frac{1}{2}$



920 • $\frac{1}{2}$ • $\frac{3}{4}$ • $\frac{1}{2}$



958-1 • $\frac{3}{4}$ • $\frac{1}{2}$ • $\frac{1}{2}$



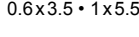
958-2 • $\frac{3}{4}$ • $\frac{1}{2}$ • $\frac{1}{2}$



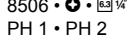
986 • $\frac{1}{2}$ • $\frac{1}{2}$



8501 • $\frac{1}{4}$ • $\frac{3}{8}$ • $\frac{1}{2}$
3 • 4 • 5 • 6 • 8



8503 • $\frac{1}{4}$ • $\frac{3}{8}$ • $\frac{1}{2}$
0.6x3.5 • 1x5.5 • 1.2x8



8506 • $\frac{1}{4}$ • $\frac{3}{8}$ • $\frac{1}{2}$
PH 1 • PH 2



8507 • $\frac{1}{4}$ • $\frac{3}{8}$ • $\frac{1}{2}$
PZ 2 • PZ 1



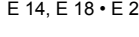
163-105/90-BMW



609 • $\frac{1}{2}$



900 E • $\frac{1}{2}$ • $\frac{3}{4}$
E 6, E 8 • E 10, E 12
E 14, E 18 • E 20, E 24



850 E • $\frac{1}{4}$ • $\frac{3}{8}$ • $\frac{1}{2}$
E 4 • E 5 • E 6 • E 7 • E 8



880 • $\frac{1}{2}$ • $\frac{3}{4}$
7 • 8 • 9 • 10 • 11
12 • 13 • 14 • 15 • 16
17 • 18 • 19 • 21 • 22



880 LG • $\frac{1}{2}$ • $\frac{3}{4}$ • $\frac{1}{2}$
10 • 11 • 12 • 13



880 G • $\frac{1}{2}$ • $\frac{3}{4}$ • $\frac{1}{2}$
10 • 11 • 12 • 13
14 • 15 • 16



880 E • $\frac{1}{2}$ • $\frac{3}{4}$ • $\frac{1}{2}$
E 10 • E 11 • E 12 • E 14



880 G-E • $\frac{1}{2}$ • $\frac{3}{4}$ • $\frac{1}{2}$
E 8 • E 10



8801 K • $\frac{1}{2}$ • $\frac{3}{4}$ • $\frac{1}{2}$
9



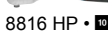
8802 • $\frac{1}{2}$ • $\frac{3}{4}$ • $\frac{1}{2}$
T 40 • T 45



8808 • $\frac{1}{2}$ • $\frac{3}{4}$ • $\frac{1}{2}$
M 6 • M 8 • M 10



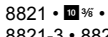
8816 GK • $\frac{1}{2}$ • $\frac{3}{4}$ • $\frac{1}{2}$



8816 HP • $\frac{1}{2}$ • $\frac{3}{4}$ • $\frac{1}{2}$



8820 • $\frac{1}{2}$ • $\frac{3}{4}$ • $\frac{1}{2}$



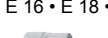
8821 • $\frac{1}{2}$ • $\frac{3}{4}$ • $\frac{1}{2}$
8821-3 • 8821-6 • 8821-10



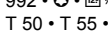
8858-1 • $\frac{1}{2}$ • $\frac{3}{4}$ • $\frac{1}{2}$ • $\frac{1}{2}$



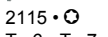
8858-2 • $\frac{1}{2}$ • $\frac{3}{4}$ • $\frac{1}{2}$ • $\frac{1}{2}$



900 E • $\frac{1}{2}$ • $\frac{3}{4}$ • $\frac{1}{2}$
E 16 • E 18 • E 20 • E 24



992 • $\frac{1}{2}$ • $\frac{3}{4}$ • $\frac{1}{2}$
T 50 • T 55 • T 60



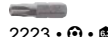
2115 • $\frac{1}{2}$
T 6 • T 7 • T 8 • T 9
T 10 • T 15 • T 20 • T 25
T 27 • T 30 • T 40



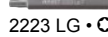
2215 • $\frac{1}{4}$ • $\frac{3}{8}$ • $\frac{1}{2}$
PH 1 • PH 2 • PH 3



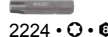
2223 • $\frac{1}{4}$ • $\frac{3}{8}$ • $\frac{1}{2}$
T 6



2223 • $\frac{1}{4}$ • $\frac{3}{8}$ • $\frac{1}{2}$
T 7 H • T 8 H • T 9 H
T 10 H • T 15 H • T 20 H
T 25 H • T 27 H • T 30 H
T 40 H



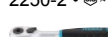
2223 LG • $\frac{1}{2}$ • $\frac{3}{4}$ • $\frac{1}{2}$
T 25



2224 • $\frac{1}{4}$ • $\frac{3}{8}$ • $\frac{1}{2}$
T 55



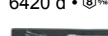
2250-1 • $\frac{1}{4}$ • $\frac{3}{8}$ • $\frac{1}{2}$ • $\frac{1}{2}$



2250-2 • $\frac{1}{4}$ • $\frac{3}{8}$ • $\frac{1}{2}$ • $\frac{1}{2}$



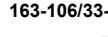
863 HPB • $\frac{1}{4}$ • $\frac{3}{8}$ • $\frac{1}{2}$



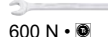
6420 d • $\frac{1}{2}$ • $\frac{3}{4}$ • $\frac{1}{2}$



163-106/33-BMW



450 N • $\frac{1}{2}$
6x7 • 8x9 • 10x11
12x13 • 14x15 • 16x17
18x19 • 21x22



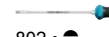
600 N • $\frac{1}{2}$
6 • 7 • 8 • 9 • 10
11 • 12 • 13 • 14 • 15
16 • 17 • 18 • 19 • 21
22 • 24



630 • $\frac{1}{2}$
6x7 • 8x9 • 10x11
12x13 • 14x15 • 16x17
18x19 • 21x22



163-107/31-BMW



802 • $\frac{1}{2}$
0.6x3.5 • 0.8x4 • 1x5.5
1.2x6.5 • 1.2x8 • 1.6x10
2x12



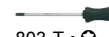
802-PH • $\frac{1}{2}$
PH 1 • PH 2 • PH 3



801 NK • $\frac{1}{2}$
1x5.5



801 NK-PH • $\frac{1}{2}$
PH 2



803-T • $\frac{1}{2}$
T 6 • T 7 • T 8 • T 9
T 10 • T 15 • T 20 • T 25
T 27 • T 30



2105 Lg/9 H • $\frac{1}{2}$



163-108/9-BMW



757-10



760-2



1802-22



1841 a-22



1846 a-2



1846 b-2



1846 c-2



1846 d-2



1850-22



163-109/18-BMW



426 • $\frac{1}{2}$
6 • 7



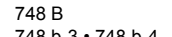
612 N • $\frac{1}{2}$
10x11



730
730-3 • 730-6



746-1



748 B
748 b-3 • 748 b-4
748 b-5 • 748 b-6
748 b-8



824 • $\frac{1}{2}$
0.5x23



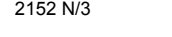
1952-40



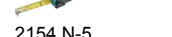
2140-40



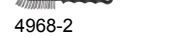
2152 N/3



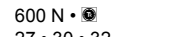
2154 N-5



4968-2



600 N • $\frac{1}{2}$
27 • 30 • 32



918-23 • $\frac{1}{2}$ • $\frac{3}{4}$ • $\frac{1}{2}$



1975



1976-2

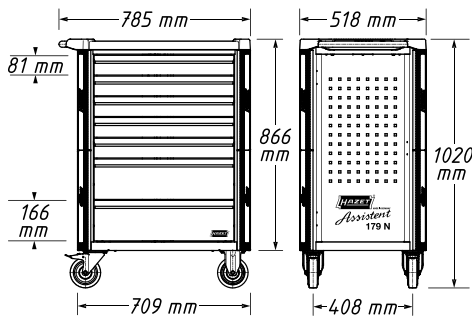
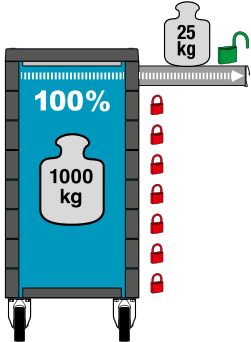
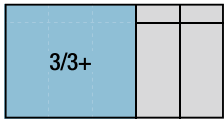
HAZET No.	L x W x H mm	81x522x398 mm	166x522x398 mm	l mm	kg		EAN-No. 4000896+
• 7 flat drawers and 1 high drawer • Includes lateral door, lockable • Colour: RAL 7016 anthracite grey • Complete with coordinated 264-piece tool assortment – recommended by BMW – in Safety-Insert-System soft foam insert							
179 N T-8-RAL 7016/2	785x518x1020	7x	1x	785	90	264	220281
179 N T-8-RAL 7016	785x518x1020	7x	1x	785	90	–	220274
Tool assortment for vehicles of the BMW Group • Complete set • In Safety Insert System soft-foam inserts • 264 tools in high quality							
0-2900-163/264-BMW	–	–	–	–	–	264	146635



179 N Tool trolley *Assistant*

- Developed with leading automobile manufacturers
- Machining aluminium car body parts with special tools, e.g. on pure aluminium car bodies and aluminium components of mixed construction bodies
- Red marking of the tools signals to the users its special use at aluminium or mixed workstations

Ⓔ





General Workshop Equipment

Tool trolley *Assistant* with assortment



179 N Tool trolley *Assistant*



179 N X-7-RAL 3020



179 N
161 T-179 N/4



180-38



750/6-1-RAL 3002



752-1 RAL 3002



752-2 RAL 3002



753-10 S RAL 3002



754-10 RAL 3002



757-12 RAL 3002



757-7 RAL 3002



758-2 RAL 3002



758-5 RAL 3002



759 N-2 RAL 3002



799-3 RAL 3002



822 RAL 3002



1774-250



1810-250 RAL 3002



1850-22 RAL 3002



1917 N



1919 N



1911-1923
1920 N RAL 3002



1911-1923
1921



1924-3 RAL 3002



1924-5 RAL 3002



1924-7 RAL 3002



1928 K RAL 3002



1927-1930
1930-1 RAL 3002



1931 RAL 3002



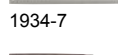
1933 RAL 3002



1934-1



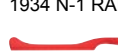
1934-10 RAL 3002



1934-7



1934-9 RAL 3002



1934 N-1 RAL 3002



1934 N-2 RAL 3002



1938 K-RAL 3002



1935-1950
1940 RAL 3002



1935-1950
1950 RAL 3002



1952-23 RAL 3002



1952-28 RAL 3002



1952-35 RAL 3002



1953 N-30 RAL 3002



1953 N-45 RAL 3002



1953 N-60 RAL 3002



1960-5 RAL 3002



1961 L-2



1961 R-2



1964-30 RAL 3002



1975



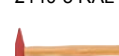
1976



2130-1 RAL 3002



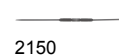
2140-3 RAL 3002



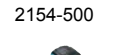
2140-5 RAL 3002



2141-0 RAL 3002



2150



2154-500

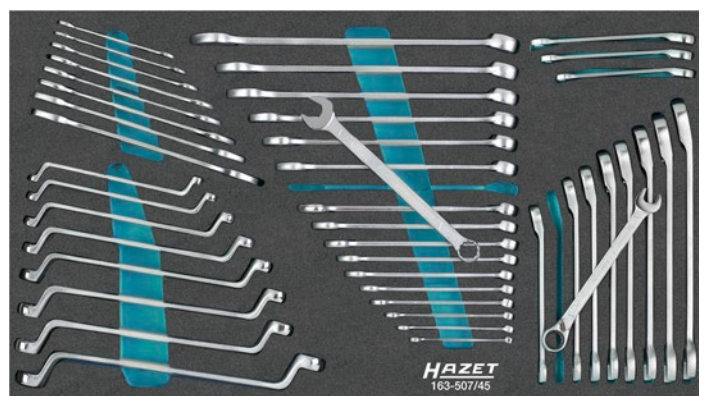
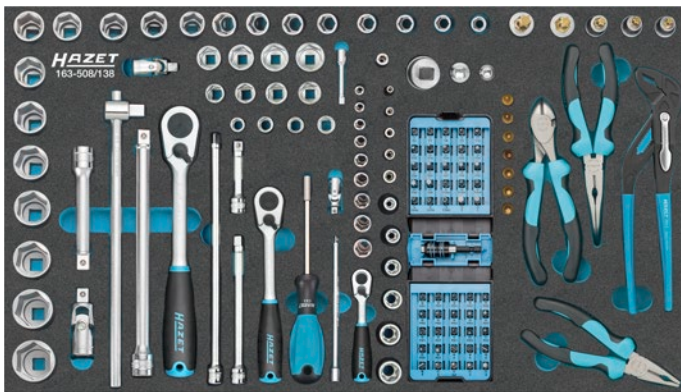
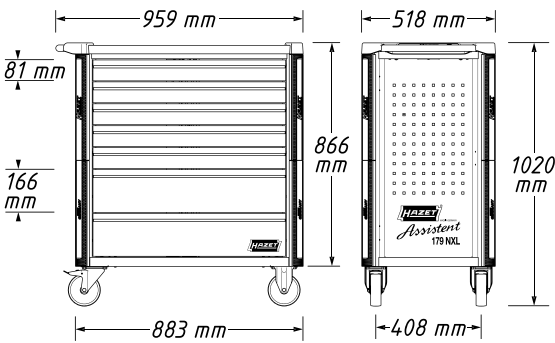
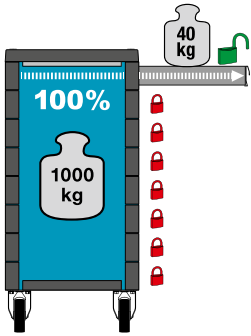
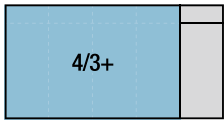
HAZET No.	L x W x H mm	81 x 522 x 398 mm	166 x 522 x 398 mm	l mm	kg		EAN-No. 4000896+
<ul style="list-style-type: none"> • Tool trolley 179 N X-7-RAL 3020: 5 flat and 2 high drawers • Complete with 65-piece aluminium-body tool assortment • Machining aluminium car body parts with special tools, e.g. on pure aluminium car bodies and aluminium components of mixed construction bodies • For e.g. AUDI Q7 model year 2015 → A2 (partial) · A6 model year 2011 → A8 · R8 · TT BMW 5-Series · 6-Series · Z8 LAND ROVER Defender MITSUBISHI i-MiEV model year 2009 → 2016 PORSCHE Cayenne model year 2018 → VW Touareg model year 2018 → • Red marking of the tools signals to the users its special use at aluminium or mixed workstations 							
179 N X-7/65 ALU	786x518x1020	5x	2x	786	90	65	219117
179 N X-7-RAL 3020	786x518x1020	5x	2x	786	90	–	219322
<ul style="list-style-type: none"> • Aluminium-body tool assortment • Machining aluminium car body parts with special tools, e.g. on pure aluminium car bodies and aluminium components of mixed construction bodies • For e.g. AUDI Q7 model year 2015 → A2 (partial) · A6 model year 2011 → A8 · R8 · TT BMW 5-Series · 6-Series · Z8 LAND ROVER Defender MITSUBISHI i-MiEV model year 2009 → 2016 PORSCHE Cayenne model year 2018 → VW Touareg model year 2018 → • Red marking of the tools signals to the users its special use at aluminium or mixed workstations 							
0-179 N X/65 ALU	–	–	–	–	–	65	219124



179 NXL Tool trolley *Assistent*

• Tool trolley

Ⓔ





General Workshop Equipment

Tool trolley *Assistant* with assortment



179 NXL Tool trolley *Assistant*

(E)



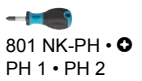
179 N XL-7



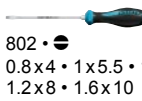
163-480/57 • • • • •



801 NK • •



801 NK-PH • •



802 • •



802-PH • •



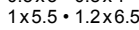
805/7 • •



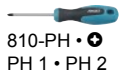
808/7 •



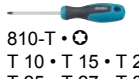
810 •



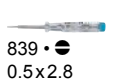
810-PH •



810-T •



810-T •



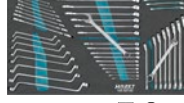
839 •



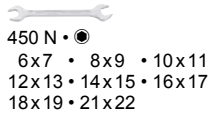
2105 Lg/9 H •



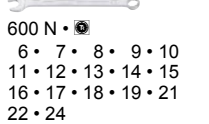
2116 Lg/8 H •



163-507/45 • •



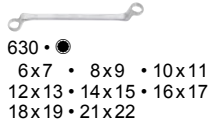
450 N •



600 N •



606 •



630 •



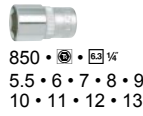
163-508/138 • •



760-2 •



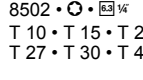
810 SPC-6.3 •



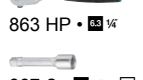
850 • •



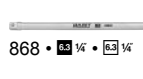
850 E • •



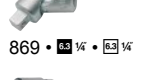
8502 • •



863 HP • •



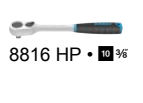
867-2 • •



868 • •



869 • •



880 • •



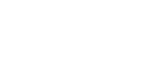
880 • •



880 • •



880 • •



880 • •



880 • •



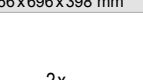
880 • •



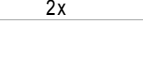
880 • •



880 • •



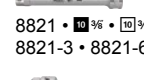
880 • •



880 • •



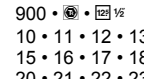
8820 • •



8821 • •



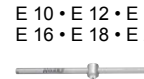
8821-3 • •



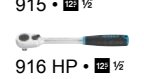
8858-2 • •



900 • •



900 E • •



915 • •



916 HP • •



917-5 • •



918-10 • •



920 • •



920 • •



920 • •



920 • •



920 • •



920 • •



920 • •



920 • •



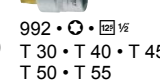
920 • •



920 • •



958-2 • •



992 • •



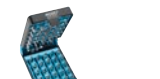
1058-2 • •



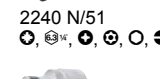
1802 M-22 •



1841 M b-33 •



1850 M-22 •



2240 N/51 •



2250-1 •



2128 N-1 •

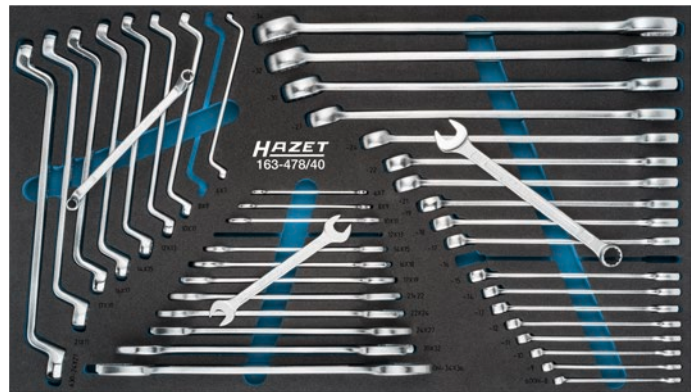
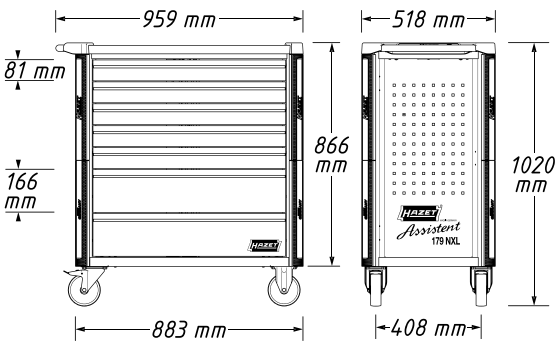
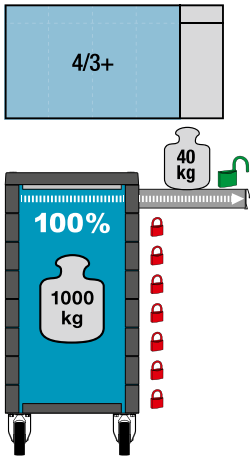
HAZET No.	L x W x H mm					EAN-No. 4000896+
<ul style="list-style-type: none"> • 5 flat and 2 high drawers • Complete with 265-piece tool assortment in Safety-Insert-System soft foam insert 						
179 N XL-7/265	959x518x1020	5x	2x	125	265	215201
179 N XL-7	959x518x1020	5x	2x	125	-	215164
<ul style="list-style-type: none"> • Tool assortment • In Safety Insert System soft-foam inserts 						
0-179 N XL/265	-	-	-	-	265	214761



179 NXL Tool trolley *Assistant*

• Tool trolley

Ⓔ





General Workshop Equipment

Tool trolley *Assistant* with assortment



179 NXL Tool trolley *Assistant*

(E)



179 N XL-8



163-478/40 • •



450 N •
6x7 • 8x9 • 10x11
12x13 • 14x15 • 16x18
17x19 • 21x22 • 22x24
24x27 • 30x32 • 34x36



600 N •
8 • 9 • 10 • 11 • 12
13 • 14 • 15 • 16 • 17
18 • 19 • 21 • 22 • 24
27 • 30 • 32 • 34



630 •
6x7 • 8x9 • 10x11
12x13 • 14x15 • 16x17
18x19 • 21x22 • 24x27



163-479/26

730
730-3 • 730-7

740-3

746-2

748 B

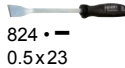
748 b-2 • 748 b-3
748 b-4 • 748 b-5
748 b-6 • 748 b-8



751 HS/5



760-2



824 •
0.5x23



1802-33



1841 A-280



1841 a-33



1841 B-280



1841 b-33



1850-33



1953 N-40



2140-50



2142-2



163-480/57 • • •



801 NK •
0.6x3.5 • 1x5.5



801 NK-PH •
PH 1 • PH 2



802 •
0.8x4 • 1x5.5 • 1.2x6.5
1.2x8 • 1.6x10



802-PH •
PH 0 • PH 1 • PH 2 • PH 3



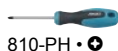
805/7 • •



808/7 •



810 •
0.5x3 • 0.8x4
1x5.5 • 1.2x6.5



810-PH •
PH 1 • PH 2



810-T •
T 10 • T 15 • T 20
T 25 • T 27 • T 30



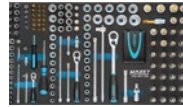
839 •
0.5x2.8



2105 Lg/9 H •



2116 Lg/8 H •



163-481/194
 • • • •



810 SPC-6.3 •



850 • •
3 • 4 • 5 • 6
7 • 8 • 9 • 10
11 • 12 • 13 • 14



850 E • •
E 4 • E 5 • E 6 • E 8 • E 10



8501 • •
3 • 4 • 5 • 6 • 8



8502 • •
T 15 • T 20 • T 25
T 27 • T 30 • T 40



8503 • •
0.6x3.5 • 1x5.5 • 1.2x8



8506 • •
PH 1 • PH 2



8507 • •
PZ 1 • PZ 2



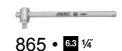
850 LG • •
4 • 5 • 6 • 7 • 8
9 • 10 • 11 • 12 • 13



858-1 • •



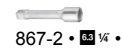
863 HP • 1/4



865 • 1/4



866 U • 1/4



867-2 • 1/4 • 1/4



868 • 1/4 • 1/4



869 • 1/4 • 1/4



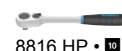
880 • •
10 • 11 • 12 • 13
14 • 15 • 16 • 17
18 • 19 • 21 • 22



8801 K • •
5 • 6 • 8 • 10



880 LG • •
12 • 13 • 14 • 15
16 • 17 • 18 • 19



8816 HP • 10



8820 • 10 • 3/8

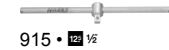


8821 • 10 • 3/8

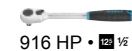
8821-3 • 8821-6 • 8821-10



900 • •
10 • 11 • 12 • 13 • 14
15 • 16 • 17 • 18 • 19
20 • 21 • 22 • 23 • 24
26 • 27 • 28 • 30 • 32



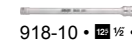
915 • 1/2



916 HP • 1/2



917-5 • 1/2 • 1/2



918-10 • 1/2 • 1/2



920 • 1/2 • 1/2



986 • •
4 • 5 • 6 • 7 • 8 • 9
10 • 12 • 17 • 19 • 22



990 • •
M 5 • M 6 • M 8
M 10 • M 12 • M 14
M 16 • M 18



991 • •
M 6 • M 7 • M 8 • M 9
M 10 • M 12 • M 14



992 • •
T 20 • T 25 • T 27
T 30 • T 40 • T 45
T 50 • T 55 • T 60



2240 N/51
 • • • • •



2250-1 • 1/4 • 1/4



179-35

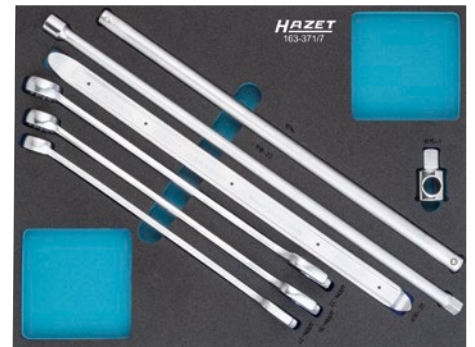
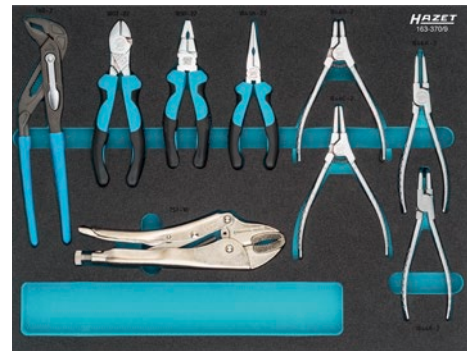
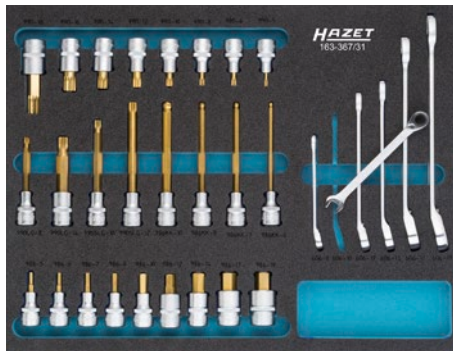
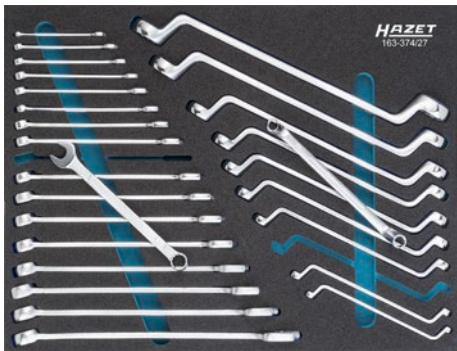
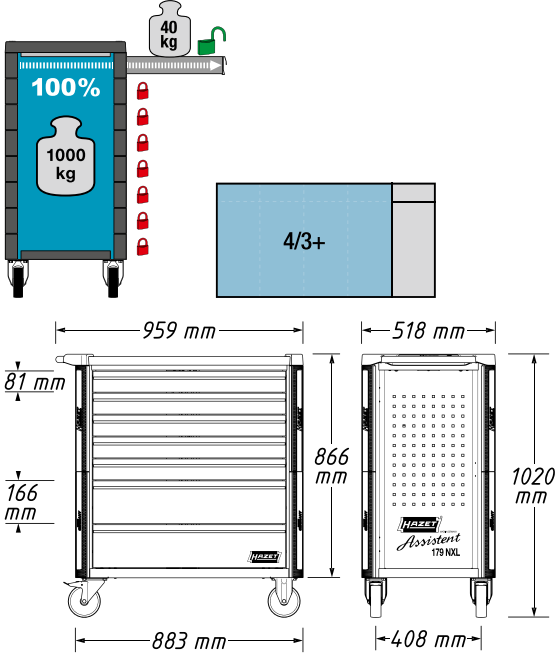
HAZET No.	L x W x H mm					EAN-No. 4000896+
<ul style="list-style-type: none"> • 7 flat drawers and 1 high drawer • Complete with 317-piece tool assortment in Safety-Insert-System soft foam insert 						
179 N XL-8/317	959x518x1020	7x	1x	125	317	220304
179 N XL-8	959x518x1020	7x	1x	125	-	215218
<ul style="list-style-type: none"> • Tool assortment • In Safety Insert System soft-foam inserts 						
0-179 XL/317	-	-	-	-	317	208302



179 NXL Tool trolley *Assistant*

- VW / AUDI set
- Supplementary tool assortments, see also:
 - Supplementary tool assortment for AUDI 0-2500-163/72
 - Supplementary tool assortment for VW 0-2500-163/73
 - Car body supplementary set 163-381/9

Ⓔ

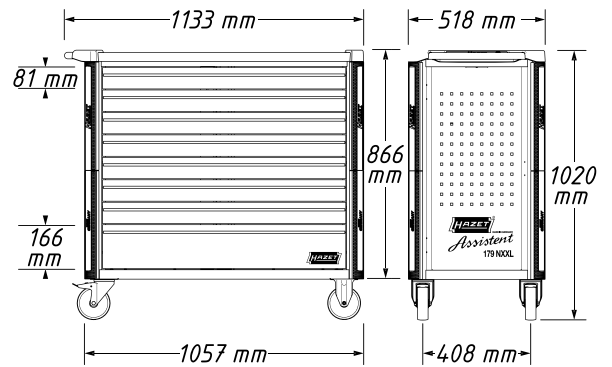
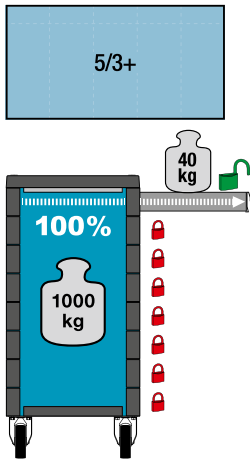




179 NXXL Tool trolley *Assistant*

• Tool trolley

Ⓔ





General Workshop Equipment

Tool trolley *Assistant* with assortment



179 NXXL Tool trolley *Assistant*

(E)



179 N XXL-7

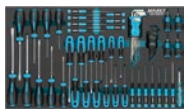


163-478/40 • Ⓢ, Ⓞ

450 N • Ⓢ
6x7 • 8x9 • 10x11
12x13 • 14x15 • 16x18
17x19 • 21x22 • 22x24
24x27 • 30x32 • 34x36

600 N • Ⓢ
8 • 9 • 10 • 11 • 12
13 • 14 • 15 • 16 • 17
18 • 19 • 21 • 22 • 24
27 • 30 • 32 • 34

630 • Ⓢ
6x7 • 8x9 • 10x11
12x13 • 14x15 • 16x17
18x19 • 21x22 • 24x27



163-480/57 • Ⓢ, Ⓞ, Ⓢ, Ⓞ

801 NK • Ⓢ
0.6x3.5 • 1x5.5

801 NK-PH • Ⓢ
PH 1 • PH 2

802 • Ⓢ
0.8x4 • 1x5.5 • 1.2x6.5
1.2x8 • 1.6x10

802-PH • Ⓢ
PH 0 • PH 1 • PH 2 • PH 3



805/7 • Ⓢ, Ⓢ



808/7 • Ⓢ

810 • Ⓢ
0.5x3 • 0.8x4
1x5.5 • 1.2x6.5

810-PH • Ⓢ
PH 1 • PH 2

810-T • Ⓢ
T 10 • T 15 • T 20
T 25 • T 27 • T 30

839 • Ⓢ
0.5x2.8

2105 Lg/9 H • Ⓞ

2116 Lg/8 H • Ⓞ



163-481/194
Ⓢ, Ⓞ, Ⓢ, Ⓞ, Ⓢ, Ⓞ
Ⓢ ¼, Ⓢ ½, Ⓢ ¾

810 SPC-6.3 • Ⓢ ¾

850 • Ⓢ • Ⓢ ¼
3 • 4 • 5 • 6
7 • 8 • 9 • 10
11 • 12 • 13 • 14

850 E • Ⓢ • Ⓢ ¼
E 4 • E 5 • E 6 • E 8 • E 10

8501 • Ⓞ • Ⓢ ¼
3 • 4 • 5 • 6 • 8

8502 • Ⓢ • Ⓢ ¼
T 15 • T 20 • T 25
T 27 • T 30 • T 40

8503 • Ⓢ • Ⓢ ¼
0.6x3.5 • 1x5.5 • 1.2x8

8506 • Ⓢ • Ⓢ ¼
PH 1 • PH 2

8507 • Ⓢ • Ⓢ ¼
PZ 1 • PZ 2

850 LG • Ⓢ • Ⓢ ¼
4 • 5 • 6 • 7 • 8
9 • 10 • 11 • 12 • 13

858-1 • Ⓢ ¾ • Ⓢ ¼

863 HP • Ⓢ ¼

865 • Ⓢ ¼

866 U • Ⓢ ¼

867-2 • Ⓢ ¼ • Ⓢ ¼

868 • Ⓢ ¼ • Ⓢ ¼

869 • Ⓢ ¼ • Ⓢ ¼

880 • Ⓢ • Ⓢ ¾
10 • 11 • 12 • 13
14 • 15 • 16 • 17
18 • 19 • 21 • 22

8801 K • Ⓞ • Ⓢ ¾
5 • 6 • 8 • 10

880 LG • Ⓢ • Ⓢ ¾
12 • 13 • 14 • 15
16 • 17 • 18 • 19

8816 HP • Ⓢ ¾

8820 • Ⓢ ¾ • Ⓢ ¾

8821 • Ⓢ ¾ • Ⓢ ¾
8821-3 • 8821-6 • 8821-10

900 • Ⓢ • Ⓢ ½
10 • 11 • 12 • 13 • 14
15 • 16 • 17 • 18 • 19
20 • 21 • 22 • 23 • 24
26 • 27 • 28 • 30 • 32

915 • Ⓢ ½

916 HP • Ⓢ ½

917-5 • Ⓢ ½ • Ⓢ ½

918-10 • Ⓢ ½ • Ⓢ ½

920 • Ⓢ ½ • Ⓢ ½

986 • Ⓞ • Ⓢ ½
4 • 5 • 6 • 7 • 8 • 9
10 • 12 • 17 • 19 • 22

990 • Ⓞ • Ⓢ ½
M 5 • M 6 • M 8
M 10 • M 12 • M 14
M 16 • M 18

991 • Ⓢ • Ⓢ ½
M 6 • M 7 • M 8 • M 9
M 10 • M 12 • M 14

992 • Ⓞ • Ⓢ ½
T 20 • T 25 • T 27
T 30 • T 40 • T 45
T 50 • T 55 • T 60

2240 N/51
Ⓢ, Ⓞ, Ⓢ, Ⓞ, Ⓢ, Ⓞ

2250-1 • Ⓢ ¼ • Ⓢ ¼

163-509/12 • Ⓢ

606 • Ⓢ
8 • 9 • 10 • 11
12 • 13 • 14 • 15
16 • 17 • 18 • 19



163-510/8

730
730-3 • 730-6

751 HS/5

2140-50



163-511/4

760-2

1802 M-22

1841 M b-33

1850 M-22



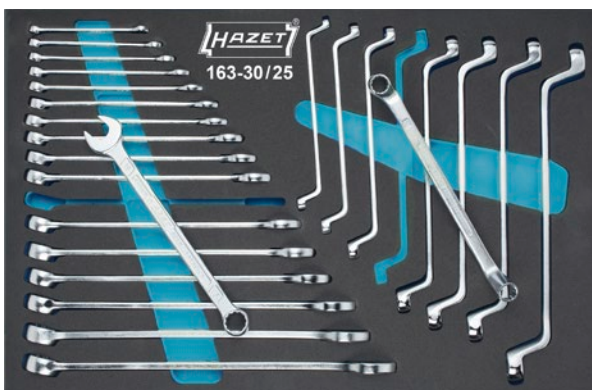
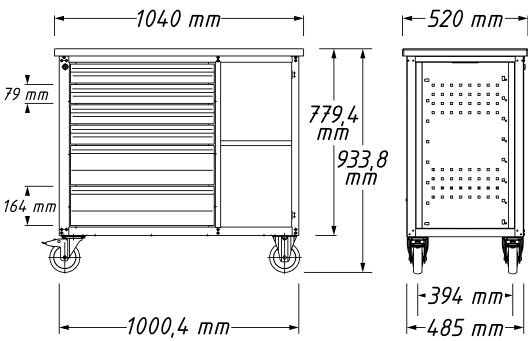
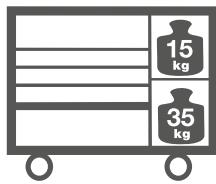
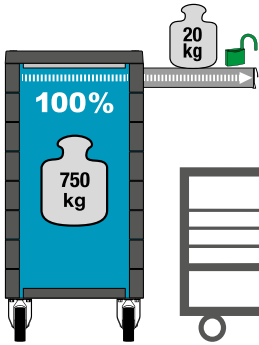
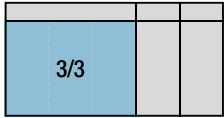
2128 N-1

HAZET No.	L x W x H mm	81 x 870 x 398 mm	166 x 870 x 398 mm	kg		EAN-No. 4000896+
• 5 flat and 2 high drawers						
• Complete with 340-piece tool assortment in Safety-Insert-System soft foam insert						
179 N XXL-7/340	1133x518x1020	5x	2x	145	340	215072
179 N XXL-7	1133x518x1020	5x	2x	145	-	214624
• Tool assortment						
• In Safety Insert System soft-foam inserts						
0-179 N XXL/340	-	-	-	-	340	214754



Work bench *Assistant*® with assortment

177 W Mobile work bench with assortment

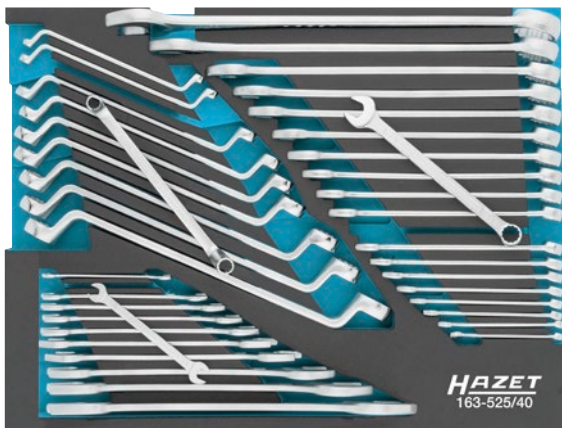
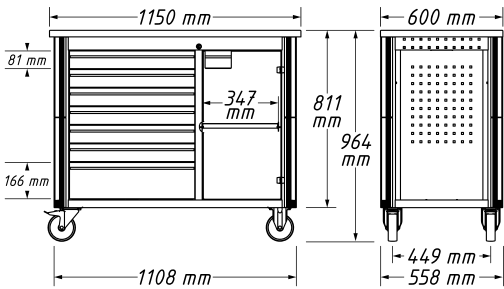
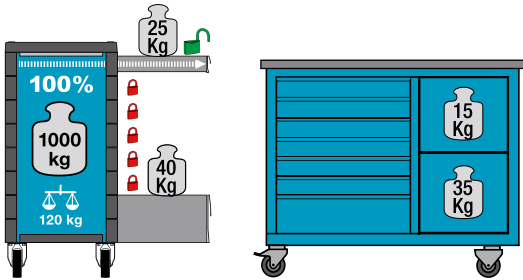
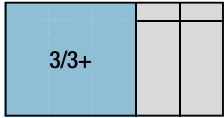




179 NW Mobile work bench

- More storage space than preceding model

Ⓔ





General Workshop Equipment

Work bench *Assistant*® with assortment



179 NW Mobile work bench

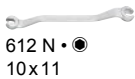
(E)



179 N W-7



163-372/25 • ●



612 N • ●
10x11



666-5



730
730-3 • 730-6



746-1



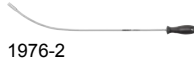
748 B
748 b-3 • 748 b-4
748 b-5 • 748 b-6
748 b-8



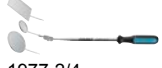
824 • -
0.5x23



1952-40



1976-2



1977-2/4



2140-40



2147 MS



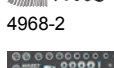
2152 N/3



2154 N-5



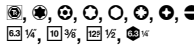
2157-1



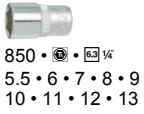
4968-2



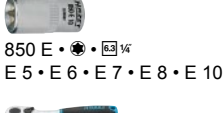
163-513/122



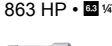
810 SPC-6.3 • ●



850 • ● • ● 1/4
5.5 • 6 • 7 • 8 • 9
10 • 11 • 12 • 13



850 E • ● • ● 1/4
E 5 • E 6 • E 7 • E 8 • E 10



863 HP • ● 1/4



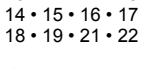
867-2 • ● 1/4 • ● 1/4



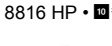
868 • ● 1/4 • ● 1/4



869 • ● 1/4 • ● 1/4



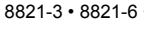
880 • ● • ● 3/8
10 • 11 • 12 • 13
14 • 15 • 16 • 17
18 • 19 • 21 • 22



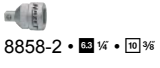
8816 HP • ● 3/8



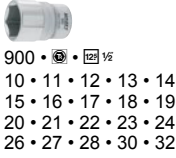
8820 • ● 3/8 • ● 3/8



8821 • ● 3/8 • ● 3/8
8821-3 • 8821-6 • 8821-10



8858-2 • ● 1/4 • ● 3/8



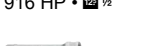
900 • ● • ● 1/2
10 • 11 • 12 • 13 • 14
15 • 16 • 17 • 18 • 19
20 • 21 • 22 • 23 • 24
26 • 27 • 28 • 30 • 32



900 E • ● • ● 1/2
E 10 • E 12 • E 14
E 16 • E 18 • E 20



915 • ● 1/2



916 HP • ● 1/2



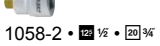
917-5 • ● 1/2 • ● 1/2



918-10 • ● 1/2 • ● 1/2



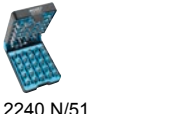
920 • ● 1/2 • ● 1/2



958-2 • ● 3/8 • ● 1/2



1058-2 • ● 1/2 • ● 3/8



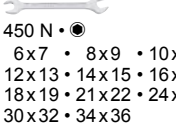
2240 N/51
●, ●, ●, ●, ●, ●, ●, ●



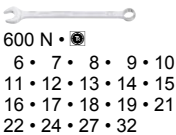
2250-1 • ● 1/4 • ● 1/4



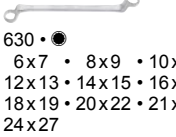
163-525/40 • ●, ●



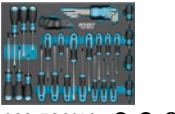
450 N • ●
6x7 • 8x9 • 10x11
12x13 • 14x15 • 16x17
18x19 • 21x22 • 24x27
30x32 • 34x36



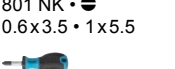
600 N • ●
6 • 7 • 8 • 9 • 10
11 • 12 • 13 • 14 • 15
16 • 17 • 18 • 19 • 21
22 • 24 • 27 • 32



630 • ●
6x7 • 8x9 • 10x11
12x13 • 14x15 • 16x17
18x19 • 20x22 • 21x23
24x27



163-526/41 • ●, ●, ●, ●



801 NK • ●
0.6x3.5 • 1x5.5



801 NK-PH • ●
PH 1 • PH 2



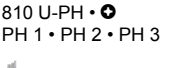
810 • ●
0.4x2.5 • 0.5x3 • 0.8x4
1x5.5 • 1.2x6.5



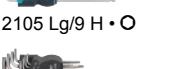
810-PH • ●
PH 0 • PH 1 • PH 2



810-T • ●
T 10 • T 15 • T 20
T 25 • T 27 • T 30



810 U • ●
0.8x4.5 • 1x5.5 • 1.2x7



810 U-PH • ●
PH 1 • PH 2 • PH 3



2105 Lg/9 H • ●



2116 Lg/8 H • ●

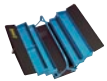
HAZET No.	L x W x H mm	81 x 522 x 398 mm	166 x 522 x 398 mm	l mm	kg	■	EAN-No. 4000896+
<ul style="list-style-type: none"> • 6 x flat drawers and 1 x high heavy-duty drawer • Lockable storage compartment with 2 storage surfaces • Complete with 230-piece tool assortment in Safety-Insert-System soft foam insert 							
179 N W-7/230	1150x600x964	6x	1x	1150	120	230	219605
179 N W-7	1150x600x964	6x	1x	1150	120	-	219629
<ul style="list-style-type: none"> • Tool assortment • In Safety Insert System soft-foam inserts 							
0-179 N W/230	-	-	-	-	-	230	219292



Tool case

190 Metal tool box with assortment

- Tool box 190 L, complete with assortment and padlock
- 5-piece set with padlock
- Sturdy and blue/black design
- Stove-enamelled in HAZET blue / black



190 L



450 N • ●

6x7 • 8x9 • 10x11
12x13 • 14x15 • 16x17
18x19 • 21x22 • 24x27
30x32



630 • ●

6x7 • 8x9 • 10x11
12x13 • 14x15 • 16x17
18x19 • 21x22 • 24x27
30x32 • 36x41



650-20

730

730-3 • 730-6

740-3

745 A

745 a-2 • 745 a-4

746-2



760 N

760 N-1 • 760 N-2



803 • ●

0.4x2.5 • 0.5x3 • 0.6x3.5
0.8x4 • 1x5.5 • 1.2x8



803-PH • ●

PH 1 • PH 2 • PH 3



803-PZ • ●

PZ 1 • PZ 2



824 • -

0.5x23



900 • ●

10 • 11 • 12 • 13 • 14
15 • 16 • 17 • 18 • 19
21 • 22 • 24 • 26 • 27
28 • 30 • 32



915 • ●

915 HP • ●



917-5 • ●

917-5 • 1/2 • 1/2



918-10 • ●

918-10 • 1/2 • 1/2



920 • ●

920 • 1/2 • 1/2



986 • ●

986 • 1/2



1802 M-22



1841 M a-33



1952-35



2100/6 H • O



2140-50



2154 N-3

HAZET No.

L x W x H mm



EAN-No. 4000896+

190/80

575x210x245

80

048922

1520 Leather tool case

- Sturdy micro-leather with super-soft, water-repellent surface
- HAZET logo – embossed in high quality



1520 Leather tool case



600 N • ●
8 • 10 • 11 • 12
13 • 15 • 17 • 19



760-2



839 • ●

0.5x2.8



850 • ●

5.5 • 7 • 8 • 10
11 • 12 • 13



863 HP • ●



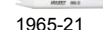
866 U • ●

866 U • 1/4



867-4 • ●

867-4 • 1/4 • 1/4



1803 M-11



1965-21



1979 N-71



1987 N-4



2140-20

2140-20



2240 N/36

2240 N/36



2250-1 • ●

2250-1 • 1/4



4850-1

HAZET No.

L x W x H mm



EAN-No. 4000896+

1520/64

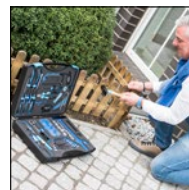
275x310x65

64

214556

1520 Tool case

- "Slim-Line" – only 105 mm high
- For universal applications, e.g. for hobby, house and garden
- Clear and reliable tool arrangement
- Inserts with clamping effect – tools cannot fall down
- Covered compartment for small parts



450 N • ●
6x7 • 8x9 • 10x11
12x13 • 14x15 • 16x17
18x19 • 21x22



760-2



802 • ●

0.8x4 • 1x5.5 • 1.2x6.5



802-PH • ●

PH 1 • PH 2



802-PZ • ●

PZ 2



839 • ●

0.5x2.8



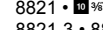
880 • ●

8 • 10 • 11 • 12 • 13
14 • 15 • 16 • 17 • 18
19 • 20 • 21 • 22



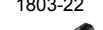
8816 HP • ●

8816 HP • 3/8



8821 • ●

8821-3 • 8821-6



1803-22



1979 N-71



1981



2100 • ●

2 • 2.5 • 3 • 4 • 5 • 6 • 7 • 8



2115/8 KH • ●

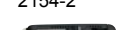
2115/8 KH • ●



2140-50



2154-2



2157



2158

HAZET No.

L x W x H mm



EAN-No. 4000896+

1520/56

445x360x105

56

111183



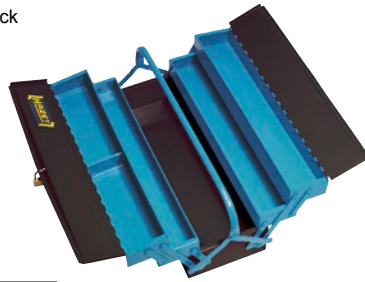
General Workshop Equipment

Tool case



190 L Metal tool box · empty

- 5-piece set with padlock
- Sturdy and blue/black design
- Stove-enamelled in HAZET blue / black



HAZET No.	L x W x H mm	EAN-No. 4000896+
190 L	575x210x245	007462

190 L Plastic tool box

Made in Germany

Mobile workplace

- For professionals and demanding hobbyists
- Very sturdy design
- Compact dimensions with highest possible storage capacity
- Safe carrying due to tough aluminium handle
- Sturdy aluminium latches
- Two folding-down trays
- Plastic, HAZET blue / black



HAZET No.	L x W x H mm	EAN-No. 4000896+
190 L-2	470x250x215	150533
190 L-3	550x250x270	133987

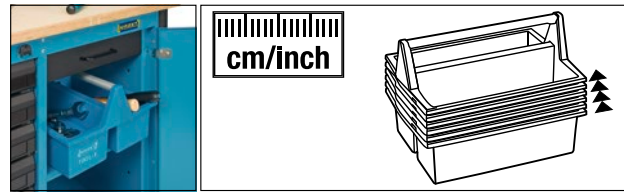
190 L Plastic tote tray

Made in Germany

- Open and practical
- Metre/inch scale at the top
- Also for transporting liquids and cans
- Rugged aluminium handle
- Solvent-resistant plastic, HAZET blue
- Stackable



190 L Plastic tote tray



HAZET No.	L x W x H mm	EAN-No. 4000896+
190 L-1	396x294x215	133901

165 SmartCase-Tool Box

Made in Germany

- Modern two-coloured design HAZET blue / black

- Pull-out kickstand for fast and ergonomic tool access
- Cover may be used as a work surface for the tools or for small parts
- Sturdy ABS plastic – lighter than sheet metal box



SmartCase S



SmartCase L



HAZET No.	L x W x H mm	EAN-No. 4000896+
165-S	185x153x52	167784
165-L	355x235x65	167777



Tool Assortments

0-7 Tool assortment

• **Mechanic's basic assortment for car repairs**

• Safety-Insert-System, 2-component soft foam insert.
Insert also suitable for HAZET Assistent

Ⓔ



163-57/56

4 • 5 • 5.5 • 6
7 • 8 • 9 • 10
11 • 12 • 13 • 14

3 • 4 • 5 • 6 • 8

0.6x3.5 • 1x5.5 • 1.2x8

PH 1 • PH 2

PZ 1 • PZ 2

863 HP • $\frac{1}{4}$

865

866 U

867-2

868

869

10 • 11 • 12 • 13 • 14 • 15
16 • 17 • 18 • 19 • 20 • 21
22 • 23 • 24 • 26 • 27 • 28
30 • 32 • 34

915

916 HP • $\frac{1}{2}$

917-5

918-10

920



163-58/27

6 • 7 • 8 • 9 • 10
11 • 12 • 13 • 14 • 15
16 • 17 • 18 • 19 • 21
22 • 24

0.4x2.5 • 0.5x3 • 0.6x3.5
0.8x4 • 1.2x6.5 • 1.2x8

PH 1 • PH 2

1x5.5

PH 2



163-59/12

6x7 • 8x9 • 10x11
12x13 • 14x15 • 16x17
18x19 • 20x22 • 21x23

760-2

1802-22

1841 a-22



163-60/22

730-3 • 730-6

746-1

748 b-3 • 748 b-4
748 b-5 • 748 b-6

824 • $\frac{1}{4}$
0.5x23

1952-35

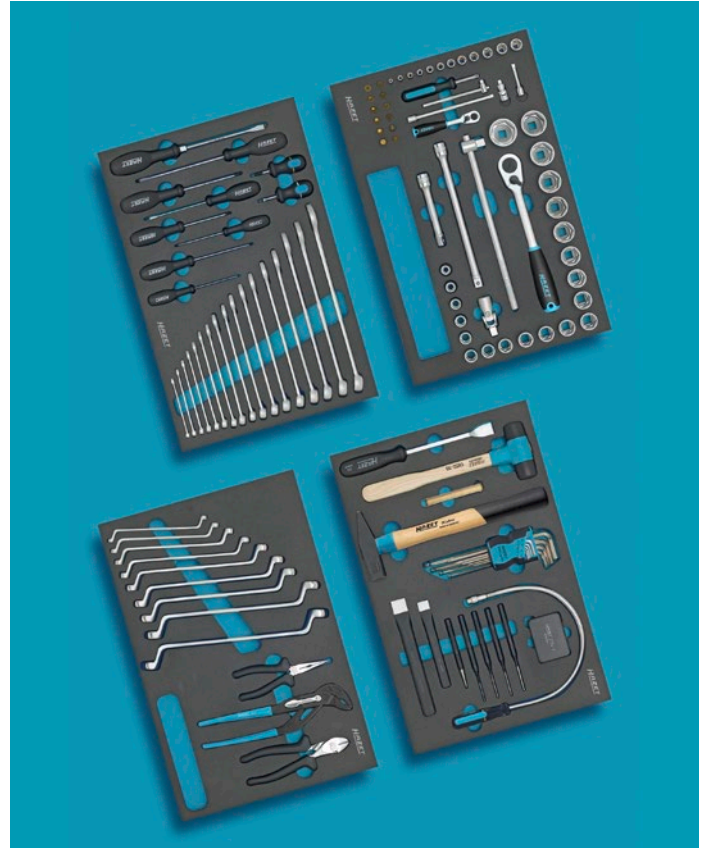
1976

2105 Lg/9 H

2140-50

2147 MS

2154-2



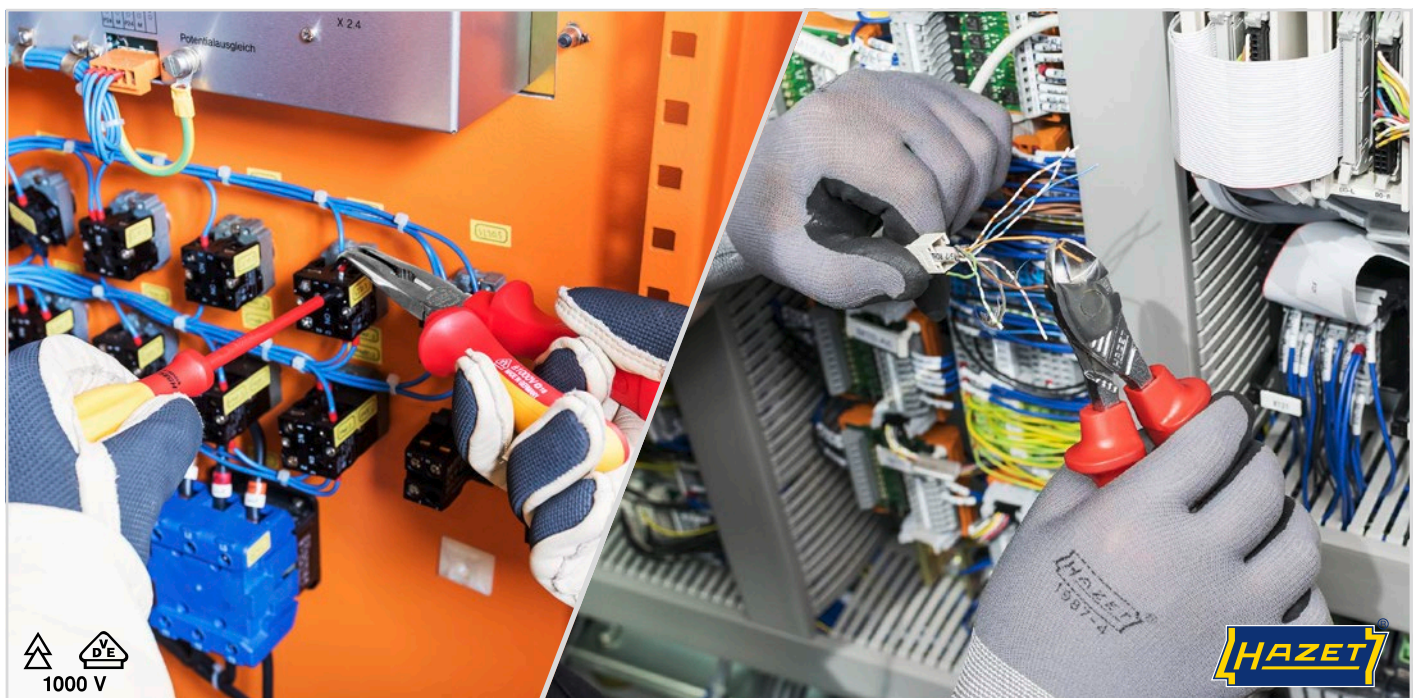


0-20 Tool assortment · with protective insulation

- Tool assortment for electricians
- IEC 60900:2018



- | | | |
|---|-------------------|-----------------|
|
810 VDE-22
0.4x2.5 • 0.6x3.5 • 0.8x4 |
1816 VDE-22 |
1850 VDE-22 |
|
810 VDE-PH-2
PH 1 • PH 2 |
1826 VDE-22 |
1862 |
|
839 VDE-22
0.5x2.8 |
1841 a VDE-22 |
2154 N-3 |
|
1803 VDE-33 |
1841 b VDE-33 | |





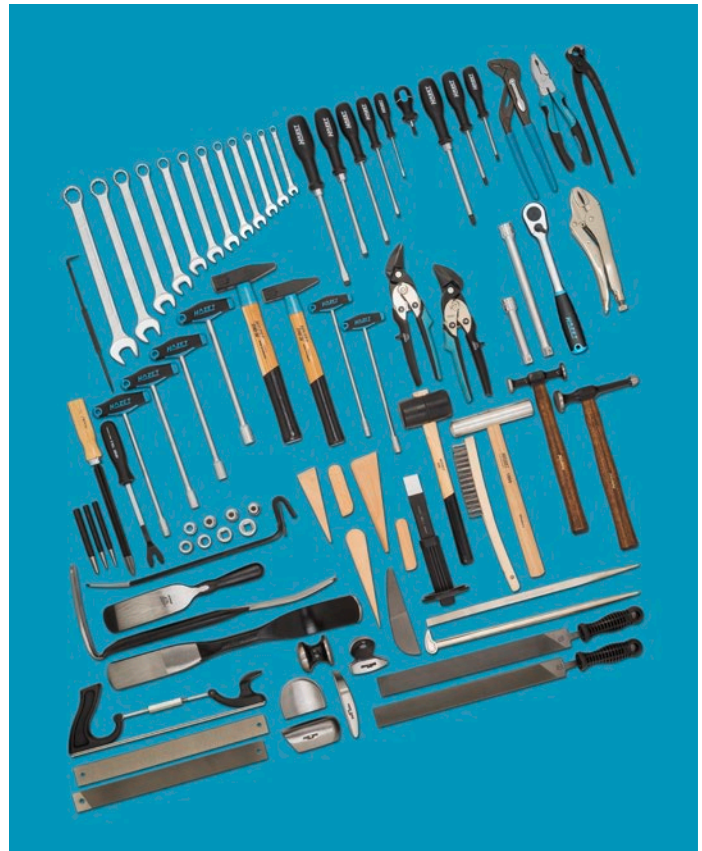
0-1900 Tool assortment

Assortment for car body work

• For tool trolley *Assistant*



- | | | |
|--|----------------------|--------------------------|
| 428 • ●
6 • 7 • 8 • 10 • 11 • 13 | 917-5 • 1/2 • 5/8 | 1931 |
| 600 N • ●
8 • 9 • 10 • 11
12 • 13 • 14 • 15
17 • 19 • 22 • 24 | 918-10 • 1/2 • 5/8 | 1934 |
| 745-3 | 1810-250 | 1934-1 |
| 745 a-6 | 1851-44 | 1934-4 |
| 746-1 | 1917 N | 1934
1934-9 • 1934-10 |
| 757-10 | 1919 N | 1937 K |
| 760-2 | 1911-1923
1920 N | 1935-1950
1940 |
| 799-3 | 1911-1923
1921 | 1935-1950
1950 |
| 801 NK • ●
1 x 5.5 | 1911-1923
1922 | 1960-5 |
| 803 • ●
0.4 x 2.5 • 1 x 5.5 • 1.2 x 6.5
1.2 x 8 • 1.6 x 10 | 1911-1923
1923 | 1961 L-2 |
| 803-PH • ●
PH 1 • PH 2 • PH 3 | 1927 | 1961 R-2 |
| 821-2 | 1929-1 | |
| 900 • ● 1/2
10 • 11 • 12 • 13
15 • 17 • 19 • 22 | 1927-1930
1930 | |
| 916 HP • 1/2 | | |



- | | |
|---------------------------|-------------------------|
| 2140
2140-30 • 2140-50 | 2150 |
| 2143 | 2165
2165-1 • 2165-2 |
| 1965-5 | |
| 2130 | |

HAZET

No.

0-1900/77



77

EAN-No.

4000896+

000241

HiPer
HIGH PERFORMANCE
THE ORIGINAL
MADE IN GERMANY

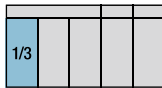
6.3 1/4
10 9/16
12.5 1/2
12.5 1/2



Tool Modules

163 Double open-end wrench set

Made in Germany



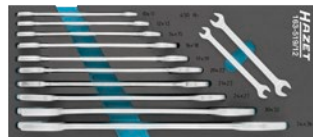
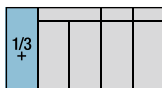
450 N • ●
6x7 • 8x9 • 10x11 • 12x13
14x15 • 16x17 • 18x19 • 21x22

HAZET No.	L x W mm		EAN-No. 4000896+
163-95/8	342x172	8	145669

Made in Germany



Suitable for HAZET Assistant with a drawer depth of 398 mm:
173 • 179 • 179 N • 179 W • 179 N W • 179 BIG-1 • 179 XL • 179 N XL •
179 XXL • 179 N XXL • 179 A XXL • 179 T XXL • 180

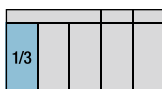


450 N • ●
6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x18
17x19 • 20x22 • 21x23 • 24x27 • 30x32 • 34x36

HAZET No.	L x W mm		EAN-No. 4000896+
163-519/12	392x172	12	218684

163 Combination wrench set

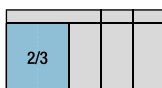
Made in Germany



600 N • ●
10 • 11 • 13 • 14 • 15 • 17 • 19 • 22

HAZET No.	L x W mm		EAN-No. 4000896+
163-292/8	342x172	8	186372

Made in Germany



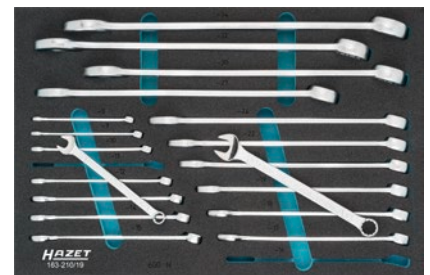
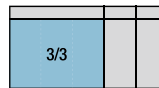
163 Combination wrench set



600 N • ●
6 • 7 • 8 • 9 • 10 • 11
12 • 13 • 14 • 15 • 16 • 17
18 • 19 • 21 • 22 • 24

HAZET No.	L x W mm		EAN-No. 4000896+
163-98/17	344x342	17	145690

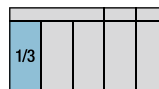
Made in Germany



600 N • ●
8 • 9 • 10 • 11 • 12 • 13 • 14
15 • 16 • 17 • 18 • 19 • 21 • 22
24 • 27 • 30 • 32 • 34

HAZET No.	L x W mm		EAN-No. 4000896+
163-210/19	519x342	19	164714

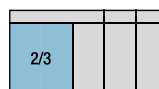
Made in Germany



603
● 6 • 7 • 8 • 9
● 10 • 11 • 12 • 13 • 14 • 15
16 • 17 • 18 • 19 • 22

HAZET No.	L x W mm		EAN-No. 4000896+
163-428/15	342x172	15	202560

Made in Germany



603
● 6 • 7 • 8 • 9
● 10 • 11 • 12 • 13 • 14 • 15 • 16
17 • 18 • 19 • 21 • 22 • 24 • 27

HAZET No.	L x W mm		EAN-No. 4000896+
163-99/18	344x342	18	145706



163 Ratcheting combination wrench set



1/3			
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606 •
8 • 10 • 12 • 13 • 17 • 19

HAZET No.	L x W mm		EAN-No. 4000896+
163-97/6	342x172	6	145683

Suitable for HAZET *Assistant* with a drawer depth of 398 mm:
173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL ·
179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180



1/3+			
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606 •
8 • 9 • 10 • 11 • 12 • 13
14 • 15 • 16 • 17 • 18 • 19

HAZET No.	L x W mm		EAN-No. 4000896+
163-509/12	392x172	12	214969

Suitable for HAZET *Assistant* with a drawer depth of 398 mm:
173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL ·
179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180



1/3			
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606 •
8 • 9 • 10 • 11 • 12 • 13
14 • 15 • 16 • 17 • 18 • 19



606/4 SPC

HAZET No.	L x W mm		EAN-No. 4000896+
163-515/16	392x172	16	218721



3/3			
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606 •
8 • 9 • 10 • 11 • 12
13 • 14 • 15 • 16 • 17
18 • 19 • 21 • 22 • 24
27 • 30 • 32

HAZET No.	L x W mm		EAN-No. 4000896+
163-366/18	519x342	18	196920

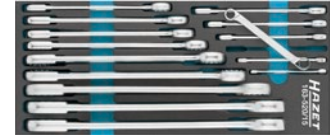
163 Double box-end wrench set

Made in Germany



Suitable for HAZET *Assistant* with a drawer depth of 398 mm:
173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL ·
179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180

1/3+			
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610 N •
6x7 • 8x9 • 10x11 • 12x13
14x15 • 16x17 • 18x19 • 20x22
21x22 • 21x23 • 24x26 • 25x28
27x32 • 30x32 • 30x34

HAZET No.	L x W mm	l mm		EAN-No. 4000896+
163-520/15	392x172	392	15	218677

Made in Germany



Suitable for HAZET *Assistant* with a drawer depth of 398 mm:
173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL ·
179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180

1/3+			
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630 •
6x7 • 8x9 • 10x11
12x13 • 14x15 • 16x17
18x19 • 20x22 • 21x23

HAZET No.	L x W mm	l mm		EAN-No. 4000896+
163-518/9	392x172	392	9	218707

163 Wrench / socket set

Made in Germany



2/3			
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450 N •
8x9 • 10x11
12x13 • 14x15
16x18 • 17x19
20x22 • 21x22
24x27 • 30x32
34x36



1010 • • 20 3/4
14 • 17 • 19 • 22



1058-1 • • 25 1 • 20 3/4
1058-2 • • 12 1/2 • 20 3/4



1012 • • 20 3/4
T 60 • T 80 • T 100

HAZET No.	L x W mm		EAN-No. 4000896+
163-211/20	344x342	20	164707



General Workshop Equipment

Tool Modules

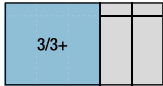
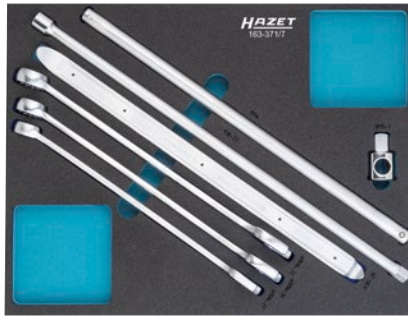


163 Tool set

Made in Germany

Suitable for HAZET *Assistant* with a drawer depth of 398 mm:

173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180



600 N • ●
27 · 30 · 32

918-23 • 12 1/2 • 12 1/2

1015-1 • 20 3/4

650-20

1014

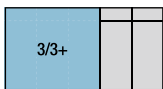
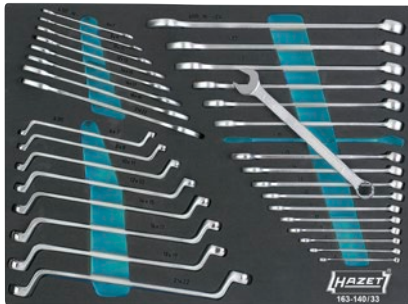
HAZET No.	L x W mm		EAN-No. 4000896+
163-371/7	519x392	7	196777

163 Wrench set

Made in Germany

Suitable for HAZET *Assistant* with a drawer depth of 398 mm:

173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180



450 N • ●
6x7 · 8x9 · 10x11
12x13 · 14x15 · 16x17
18x19 · 21x22

600 N • ●
6 · 7 · 8 · 9 · 10
11 · 12 · 13 · 14 · 15
16 · 17 · 18 · 19 · 21
22 · 24

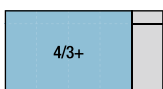
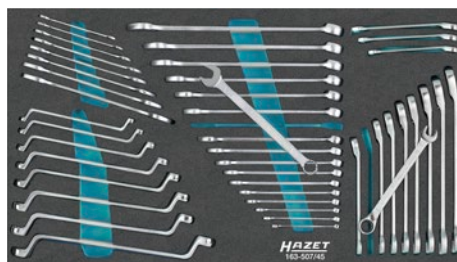
630 • ●
6x7 · 8x9 · 10x11
12x13 · 14x15 · 16x17
18x19 · 21x22

HAZET No.	L x W mm		EAN-No. 4000896+
163-140/33	519x392	33	151899

Suitable for HAZET *Assistant* with drawer dimension of at least 398x694 mm:

179 XL · 179 N XL · 179 XXL · 179 N XXL

as well as 179 A XXL · 179 T XXL in the upper drawer



163 Wrench set



450 N • ●

6x7 · 8x9
10x11 · 12x13
14x15 · 16x17
18x19 · 21x22

600 N • ●

6 · 7 · 8 · 9
10 · 11 · 12 · 13
14 · 15 · 16 · 17
18 · 19 · 21 · 22
24

606 • ●

8 · 9 · 10 · 11
12 · 13 · 14 · 15
16 · 17 · 18 · 19

630 • ●

6x7 · 8x9
10x11 · 12x13
14x15 · 16x17
18x19 · 21x22

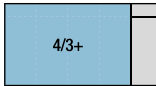
HAZET No.	L x W mm		EAN-No. 4000896+
163-507/45	691x392	45	214938

Made in Germany

Suitable for HAZET *Assistant* with drawer dimension of at least 398x694 mm:

179 XL · 179 N XL · 179 XXL · 179 N XXL

as well as 179 A XXL · 179 T XXL in the upper drawer



450 N • ●

6x7 · 8x9 · 10x11
12x13 · 14x15 · 16x18
17x19 · 21x22 · 22x24
24x27 · 30x32 · 34x36

600 N • ●

8 · 9 · 10 · 11 · 12
13 · 14 · 15 · 16 · 17
18 · 19 · 21 · 22 · 24
27 · 30 · 32 · 34

630 • ●

6x7 · 8x9 · 10x11
12x13 · 14x15 · 16x17
18x19 · 21x22 · 24x27

HAZET No.	L x W mm		EAN-No. 4000896+
163-478/40	691x392	40	207831

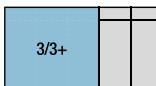
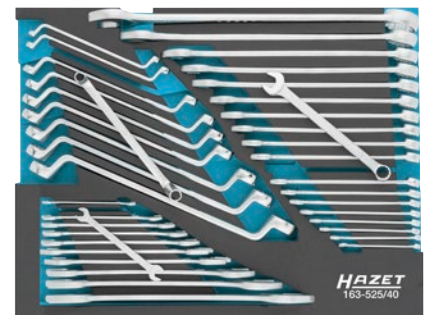
Made in Germany

Suitable for HAZET *Assistant* with a drawer depth of 398 mm:

173 · 179 · 179 N · 179 W · 179 N W ·

179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL ·

179 A XXL · 179 T XXL · 180



450 N • ●

6x7 · 8x9 · 10x11
12x13 · 14x15 · 16x17
18x19 · 21x22 · 24x27
30x32 · 34x36

600 N • ●

6 · 7 · 8 · 9 · 10
11 · 12 · 13 · 14 · 15
16 · 17 · 18 · 19 · 21
22 · 24 · 27 · 32

630 • ●

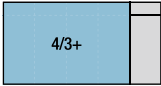
6x7 · 8x9 · 10x11
12x13 · 14x15 · 16x17
18x19 · 20x22 · 21x23
24x27

HAZET No.	L x W mm		EAN-No. 4000896+
163-525/40	519x392	40	218639



163 Wrench set

Suitable for HAZET *Assistent* with drawer dimension of at least 398 x 694 mm:
179 XL · 179 N XL · 179 XXL · 179 N XXL
as well as 179 A XXL · 179 T XXL in the upper drawer



450 N • ●
6x7 · 8x9 · 10x11
12x13 · 14x15 · 16x17
18x19 · 21x22 · 24x27
30x32 · 34x36

600 N • ●
6 · 7 · 8 · 9 · 10
11 · 12 · 13 · 14 · 15
16 · 17 · 18 · 19 · 21
22 · 24 · 27 · 32

606/4 SPC

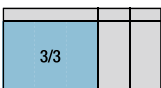
606 • ●
8 · 9 · 10 · 11
12 · 13 · 14 · 15
16 · 17 · 18 · 19

630 • ●
6x7 · 8x9 · 10x11
12x13 · 14x15 · 16x17
18x19 · 20x22 · 21x23
24x27

HAZET No.	L x W mm	□	EAN-No. 4000896+
163-528/56	691x392	56	218622

163 Combination wrench / double box-end wrench set

Germany *Made in Germany*



600 N • ●
6 · 7 · 8 · 9 · 10 · 11 · 12 · 13
14 · 15 · 16 · 17 · 18 · 19 · 21 · 22 · 24

630 • ●
6x7 · 8x9 · 10x11 · 12x13
14x15 · 16x17 · 18x19 · 21x22

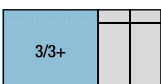
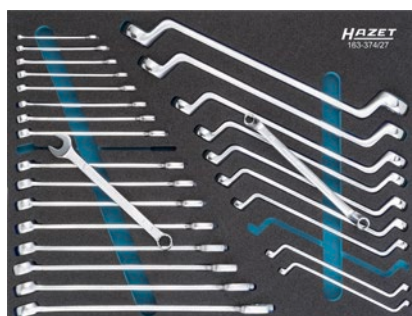
HAZET No.	L x W mm	□	EAN-No. 4000896+
163-30/25	519x342	25	118601

163 Wrench set

Germany *Made in Germany*



Suitable for HAZET *Assistent* with a drawer depth of 398 mm:
173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180



163 Wrench set



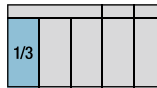
600 N • ●
6 · 7 · 8 · 9 · 10 · 11 · 12 · 13 · 14
15 · 16 · 17 · 18 · 19 · 21 · 22 · 24

630 • ●
6x7 · 8x9 · 10x11 · 12x13
14x15 · 16x17 · 18x19 · 21x22
24x27 · 30x32

HAZET No.	L x W mm	□	EAN-No. 4000896+
163-374/27	519x392	27	196753

163 Socket set

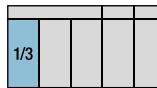
Germany *Made in Germany*



880 TZ • ● • □ 3/8
9 · 10 · 11 · 12 · 13
14 · 15 · 16 · 17 · 18
19 · 20 · 21 · 22

HAZET No.	L x W mm	□	EAN-No. 4000896+
163-259/14	342x172	14	179558

Germany *Made in Germany*



880 • ● • □ 3/8
6 · 7 · 8 · 9 · 10
11 · 12 · 13 · 14 · 15
16 · 17 · 18 · 19 · 20
21 · 22

8801 K • ● • □ 3/8
5 · 6 · 8 · 10

8816 HP • □ 3/8

880 LG • ● • □ 3/8
12 · 13 · 14 · 15
16 · 17 · 18 · 19

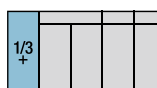
8820 • □ 3/8 • □ 3/8
8821 • □ 3/8 • □ 3/8
8821-3 · 8821-6

HAZET No.	L x W mm	□	EAN-No. 4000896+
163-483/33	342x172	33	207770

Germany *Made in Germany*



Suitable for HAZET *Assistent* with a drawer depth of 398 mm:
173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180





General Workshop Equipment

Tool Modules



163 Socket set

<p>880 • • 3/8 10 • 11 • 12 • 13 14 • 15 • 16 • 17 18 • 19 • 21 • 22</p>	<p>880 Z • • 3/8 10 • 11 • 12 • 13 • 14 15 • 16 • 17 • 18 • 19</p>	<p>8821-6 • • 3/8</p>
<p>880 G • • 3/8 10 • 11 • 12 • 13 • 14 15 • 16 • 17 • 18 • 19</p>	<p>8816 HP • 3/8</p>	<p>8822-1 • • 3/8</p>
	<p>8822-3 • • 3/8</p>	<p>8822-10 • • 3/8</p>

HAZET No.	L x W mm		EAN-No. 4000896+
163-379/38	392x172	38	196791

163 Screwdriver socket set

<p>8801 • • 3/8 4 • 5 • 6 • 7 • 8 • 10</p>	
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HAZET No.	L x W mm		EAN-No. 4000896+
163-302/6	172x114	6	190348

<p>8808 • • 3/8 M 5 • M 6 • M 8 • M 10</p>	<p>8808 LG • • 3/8 M 6 • M 8 • M 10</p>
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HAZET No.	L x W mm		EAN-No. 4000896+
163-460/7	172x114	7	204939

Suitable for HAZET Assistant with a drawer depth of 398 mm:
173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180

<p>8801 • • 3/8 3 • 4 • 5 • 6 • 7 8 • 9 • 10 • 11 • 12</p>	<p>8802 • • 3/8 T 15 • T 20 • T 25 • T 27 T 30 • T 40 • T 45 • T 50</p>	<p>8808 • • 3/8 M 5 • M 6 • M 8 • M 10</p>
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HAZET No.	L x W mm		EAN-No. 4000896+
163-571/22	392x172	22	233434

163 Socket set

<p>900 LG • • 1/2 10 • 12 • 13 • 14 • 15 16 • 17 • 18 • 19 • 21 22 • 24 • 27 • 30 • 32</p>	
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HAZET No.	L x W mm		EAN-No. 4000896+
163-272/32	342x172	32	181414

163 Socket set

HAZET No.	L x W mm		EAN-No. 4000896+
163-459/15	342x172	15	204649

900 • • 1/2
10 • 11 • 12 • 13 • 14
15 • 16 • 17 • 18 • 19
21 • 22 • 24 • 27

916 HP • 1/2

917-5 • 1/2 • 1/2

918-10 • 1/2 • 1/2

920 • 1/2 • 1/2

HAZET No.	L x W mm		EAN-No. 4000896+
163-191/18	342x172	18	162307

900 • • 1/2
10 • 11 • 12 • 13 • 14 • 15
16 • 17 • 18 • 19 • 20 • 21
22 • 23 • 24 • 26 • 27 • 28
30 • 32 • 34

915 • 1/2

916 HP • 1/2

917-5 • 1/2 • 1/2

918-10 • 1/2 • 1/2

920 • 1/2 • 1/2

HAZET No.	L x W mm		EAN-No. 4000896+
163-102/27	344x342	26	145935

900 • • 1/2
10 • 11 • 12 • 13 • 14 • 15
16 • 17 • 18 • 19 • 21 • 22
24 • 27 • 30 • 32

916 HP • 1/2

917-5 • 1/2 • 1/2

920 • 1/2 • 1/2

986 • • 1/2
5 • 6 • 7 • 8 • 10 • 12 • 14

992 • • 1/2
T 20 • T 25 • T 30
T 40 • T 45 • T 50

HAZET No.	L x W mm		EAN-No. 4000896+
163-272/32	342x172	32	181414



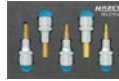
163 Screwdriver socket set

Made in Germany

TIN E 12 1/2

1/9				
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986 • \odot • 12 1/2
5 • 6 • 7 • 8 • 10



HAZET No.	L x W mm		EAN-No. 4000896+
163-215/5	172x114	5	168217

Made in Germany

TIN E 12 1/2

1/9				
-----	--	--	--	--

986 • \odot • 12 1/2
5 • 6 • 7 • 8 • 10
12 • 14 • 17 • 19



HAZET No.	L x W mm		EAN-No. 4000896+
163-270/9	172x114	9	181063

Made in Germany

TIN E 12 1/2

1/3				
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986 • \odot • 12 1/2
5 • 6 • 7 • 8 • 10 • 12 • 14 • 17 • 19

986 KK • \odot • 12 1/2
6 • 7 • 8 • 10



HAZET No.	L x W mm		EAN-No. 4000896+
163-220/13	342x172	13	168286

163 Screwdriver socket set · XZN

Made in Germany

TIN E 12 1/2

1/9				
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990 • \odot • 12 1/2
M 6 • M 8 • M 10 • M 12
M 14 • M 16 • M 18



HAZET No.	L x W mm		EAN-No. 4000896+
163-243/7	172x114	7	178032

163 Socket set

Made in Germany

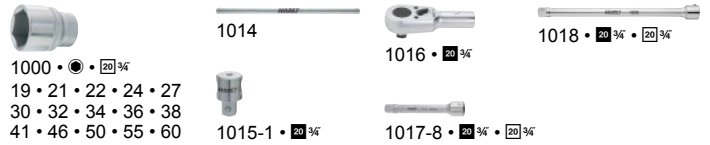
E 20 3/4

3/3				
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163 Socket set

E 20 3/4



HAZET No.	L x W mm		EAN-No. 4000896+
163-406/20	519x342	20	200054

Made in Germany

Suitable for HAZET Assistant with a drawer depth of 398 mm:
173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180

E 12 1/2 6.3 1/4



3/3+				
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850 • \odot • 6.3 1/4
4 • 5 • 5.5 • 6
7 • 8 • 9 • 10
11 • 12 • 13 • 14

850 LG • \odot • 6.3 1/4
4 • 5 • 5.5 • 6
7 • 8 • 9 • 10
11 • 12 • 13

858-1 • 10 3/8 • 6.3 1/4

863 HP • 6.3 1/4

865 • 6.3 1/4

866 U • 6.3 1/4

867-2 • 6.3 1/4 • 6.3 1/4

868 • 6.3 1/4 • 6.3 1/4

869 • 6.3 1/4 • 6.3 1/4

8501 • \odot • 6.3 1/4
3 • 4 • 5 • 6 • 8

8503 • \odot • 6.3 1/4
0.6x3.5 · 1x5.5 · 1.2x8

8506 • \odot • 6.3 1/4
PH 1 · PH 2

8507 • \odot • 6.3 1/4
PZ 1 · PZ 2

900 • \odot • 12 1/2
10 · 11 · 12 · 13 · 14
15 · 16 · 17 · 18 · 19
20 · 21 · 22 · 24 · 27
30 · 32

903 SLG • \odot • 12 1/2
17 · 19

915 • 12 1/2

916 HP • 12 1/2

917-5 • 12 1/2 • 12 1/2

918-10 • 12 1/2 • 12 1/2

919-1 • 12 1/2 • 12 1/2

920 • 12 1/2 • 12 1/2

920 • 12 1/2 • 12 1/2

958-1 • 20 3/4 • 12 1/2

958-2 • 10 3/8 • 12 1/2

986 • \odot • 12 1/2
5 • 6 • 7 • 8
10 · 12 · 14 · 17

HAZET No.	L x W mm		EAN-No. 4000896+
163-138/77	519x392	77	151875

163 Tool set · TORX®

Made in Germany

TIN E 6.3 1/4

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850 E • \odot • 6.3 1/4
E 4 · E 5 · E 6 · E 7
E 8 · E 10 · E 11

8502 • \odot • 6.3 1/4
T 10 · T 15 · T 20 · T 25
T 27 · T 30 · T 40

HAZET No.	L x W mm		EAN-No. 4000896+
163-251/14	172x50	14	178063



General Workshop Equipment

Tool Modules



163 Adapter set

Made in Germany

ⓔ 6.3 1/4" 10 3/8" 12 1/2" 1 1/2" 20 3/4"
6.3 1/4" 10 3/8" 12 1/2" 1 1/2" 20 3/4"

1/9			
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858-1 • 10 3/8" • 6.3 1/4"

958-1 • 20 3/8" • 12 1/2"
958-2 • 10 3/8" • 12 1/2"

8858-1 • 12 1/2" • 10 3/8"
8858-2 • 6.3 1/4" • 10 3/8"

1058-2 • 12 1/2" • 20 3/4"

HAZET No.	L x W mm		EAN-No. 4000896+
163-217/6	172x114	6	168231

163 Socket set

Made in Germany

ⓔ 6.3 1/4" 10 3/8" 12 1/2" 1 1/2" 20 3/4"

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858-1 • 10 3/8" • 6.3 1/4"

903 SLG • 12 1/2"
17 • 19

958-1 • 20 3/8" • 12 1/2"
958-2 • 10 3/8" • 12 1/2"

8858-1 • 12 1/2" • 10 3/8"
8858-2 • 6.3 1/4" • 10 3/8"

1058-2 • 12 1/2" • 20 3/4"

HAZET No.	L x W mm		EAN-No. 4000896+
163-131/8	519x50	8	153626

Suitable for HAZET *Assistant* with a drawer depth of 398 mm:
173 · 179 · 179 N · 179 W · 179 N W · 179 N XL · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180

ⓔ 12 1/2" 1 1/2" 10 3/8" 6.3 1/4" 6.3 1/4"

3/3+		
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609 • 6
E 6, E 8 • E 10, E 12
E 14, E 18 • E 20, E 24

880 E • 10 3/8"
E 10 • E 11 • E 12 • E 14

880 LG • 10 3/8"
10 • 11 • 12 • 13

880 • 7 • 8 • 9 • 10 • 11
12 • 13 • 14 • 15 • 16
17 • 18 • 19 • 21 • 22

880 G • 10 3/8"
10 • 11 • 12 • 13
14 • 15 • 16

8801 K • 9
9

850 E • 4 • E 5 • E 6 • E 7 • E 8

880 G-E • 8 • E 10

8802 • T 40 • T 45

163 Socket set

ⓔ 12 1/2" 1 1/2" 10 3/8" 6.3 1/4" 6.3 1/4"

8808 • M 6 • M 8 • M 10

900 E • E 16 • E 18 • E 20 • E 24

2223 • T 6

8816 HP

992 • T 50 • T 55 • T 60

2223 • T 7 H • T 8 H • T 9 H
T 10 H • T 15 H • T 20 H
T 25 H • T 27 H • T 30 H
T 40 H

8816 GK

8820

2115 • T 6 • T 7 • T 8 • T 9
T 10 • T 15 • T 20 • T 25
T 27 • T 30 • T 40

2223 LG • T 25

8821 • 8821-3 • 8821-6 • 8821-10

8858-1 • 8858-2

2215 • PH 1 • PH 2 • PH 3

2250-1 • 2250-2

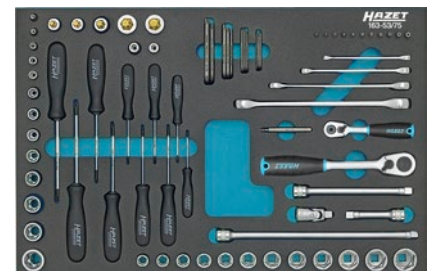
863 HP B

HAZET No.	L x W mm		EAN-No. 4000896+
163-139/90	519x392	90	151882

163 Socket set · TORX® double box-end wrenches · sockets, etc.

ⓔ 12 1/2" 1 1/2" 10 3/8" 6.3 1/4" 6.3 1/4"

3/3		
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609 • E 6, E 8 • E 10, E 12
E 14, E 18 • E 20, E 24

8802 • T 40 • T 45

2115 • T 6 • T 7 • T 8 • T 9
T 10 • T 15 • T 20 • T 25
T 27 • T 30 • T 40

803-T • T 6 • T 7 • T 8 • T 9
T 10 • T 15 • T 20 • T 25
T 27 • T 30

8816 HP

2223 • T 6

850 E • E 4 • E 5 • E 6 • E 7 • E 8

8820 • 8821 • 8821-3 • 8821-6 • 8821-10

2223 • T 7 H • T 8 H • T 9 H
T 10 H • T 15 H • T 20 H
T 25 H • T 27 H • T 30 H
T 40 H

880 • 10 • 11 • 12 • 13
14 • 15 • 16 • 17
18 • 19 • 21 • 22

900 E • E 16 • E 18 • E 20 • E 24

2223 LG • T 25

880 E • E 10 • E 11 • E 12 • E 14

992 • T 50 • T 55 • T 60

2250-1 • 2250-2

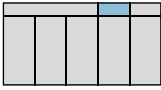
863 HP B

HAZET No.	L x W mm		EAN-No. 4000896+
163-53/75	519x342	75	122783



163 Tool set · TORX®

Made in Germany



880 E · · $\frac{3}{8}$
E 8 · E 10 · E 12 · E 14



8802 · · $\frac{3}{8}$
T 25 · T 30 · T 40
T 45 · T 50

HAZET No.	L x W mm		EAN-No. 4000896+
163-252/9	172x50	9	178070

163 Socket set

Suitable for HAZET Assistant® with a drawer depth of 398 mm:

173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180



850 · · $\frac{1}{4}$
4 · 5 · 5.5 · 6
7 · 8 · 9 · 10
11 · 12 · 13 · 14



850 E · · $\frac{1}{4}$
E 4 · E 5 · E 6 · E 7 · E 8



8501 · · $\frac{1}{4}$
3 · 4 · 5 · 6



8502 · · $\frac{1}{4}$
T 10 · T 15 · T 20
T 25 · T 27



8503 · · $\frac{1}{4}$
1 x 5.5



8506 · · $\frac{1}{4}$
PH 1 · PH 2



858-1 · $\frac{3}{8}$ · $\frac{1}{2}$



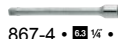
863 HP · $\frac{1}{4}$



866 U · $\frac{1}{4}$



867-2 · $\frac{1}{4}$ · $\frac{3}{8}$



867-4 · $\frac{1}{4}$ · $\frac{3}{8}$



868 · $\frac{1}{4}$ · $\frac{3}{8}$

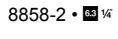


869 · $\frac{1}{4}$ · $\frac{3}{8}$



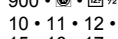
8858-1 · $\frac{1}{2}$ · $\frac{3}{8}$

8858-2 · $\frac{1}{4}$ · $\frac{3}{8}$



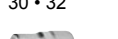
900 · · $\frac{1}{2}$

10 · 11 · 12 · 13 · 14
15 · 16 · 17 · 18 · 19
20 · 21 · 22 · 24 · 27
30 · 32



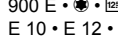
900 E · · $\frac{1}{2}$

E 10 · E 12 · E 14
E 16 · E 18 · E 20



900 SZ · · $\frac{1}{2}$

32 · 36



900 Z · · $\frac{1}{2}$

8 · 9 · 10 · 12 · 13
14 · 15 · 16 · 17 · 18
19 · 21 · 22 · 24 · 27
30 · 32



1058-2 · $\frac{1}{2}$ · $\frac{3}{8}$

2223 · · $\frac{3}{8}$

T 6 · T 7 · T 8 · T 9



2250-1 · $\frac{3}{8}$ · $\frac{1}{2}$



903 SLG · · $\frac{1}{2}$

17 · 19



915 · $\frac{1}{2}$



916 HP · $\frac{1}{2}$



919 · $\frac{1}{2}$ · $\frac{3}{8}$

919-1 · 919-5 · 919-10



920 · $\frac{1}{2}$ · $\frac{3}{8}$



958-1 · $\frac{3}{8}$ · $\frac{1}{2}$

958-2 · $\frac{3}{8}$ · $\frac{1}{2}$



992 · · $\frac{1}{2}$

T 25 · T 27 · T 30 · T 40
T 45 · T 50 · T 55 · T 60



1058-2 · $\frac{1}{2}$ · $\frac{3}{8}$



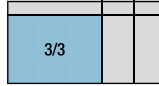
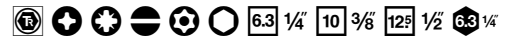
2223 · · $\frac{3}{8}$

T 6 · T 7 · T 8 · T 9



2250-1 · $\frac{3}{8}$ · $\frac{1}{2}$

163 Tool set



751 HS/5



850 · · $\frac{3}{8}$

6 · 7 · 8 · 9
10 · 11 · 12 · 13



863 HP · $\frac{3}{8}$



867-2 · $\frac{3}{8}$ · $\frac{1}{2}$



880 · · $\frac{3}{8}$

10 · 12 · 13 · 14
16 · 17 · 19



8816 HP · $\frac{3}{8}$



8821-10 · $\frac{3}{8}$ · $\frac{1}{2}$



900 · · $\frac{1}{2}$

13 · 14 · 15 · 16 · 17
18 · 19 · 21 · 22 · 24
27 · 30 · 32



2240 N/51

$\frac{3}{8}$ · $\frac{1}{2}$ · $\frac{3}{8}$ · $\frac{1}{2}$ · $\frac{3}{8}$ · $\frac{1}{2}$

2250-1 · $\frac{3}{8}$ · $\frac{1}{2}$



916 HP · $\frac{1}{2}$



917-5 · $\frac{1}{2}$ · $\frac{3}{8}$ · $\frac{1}{2}$



2105 Lg/9 H · O



2240 N/51

$\frac{3}{8}$ · $\frac{1}{2}$ · $\frac{3}{8}$ · $\frac{1}{2}$ · $\frac{3}{8}$ · $\frac{1}{2}$

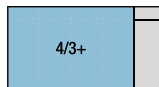
2250-1 · $\frac{3}{8}$ · $\frac{1}{2}$

HAZET No.	L x W mm		EAN-No. 4000896+
163-329/100	519x342	100	191833

163 Socket set

Suitable for HAZET Assistant® with drawer dimension of at least 398x694 mm:

179 XL · 179 N XL · 179 XXL · 179 N XXL as well as 179 A XXL · 179 T XXL in the upper drawer



760-2



810 SPC-6.3 · $\frac{3}{8}$



850 · · $\frac{1}{4}$

5.5 · 6 · 7 · 8 · 9
10 · 11 · 12 · 13



850 E · · $\frac{1}{4}$

E 5 · E 6 · E 7 · E 8 · E 10



863 HP · $\frac{3}{8}$



8502 · · $\frac{1}{4}$

T 10 · T 15 · T 20 · T 25
T 27 · T 30 · T 40



863 HP · $\frac{3}{8}$



867-2 · $\frac{3}{8}$ · $\frac{1}{2}$



868 · $\frac{3}{8}$ · $\frac{1}{2}$



869 · $\frac{3}{8}$ · $\frac{1}{2}$



880 · · $\frac{3}{8}$

10 · 11 · 12 · 13
14 · 15 · 16 · 17
18 · 19 · 21 · 22

8816 HP · $\frac{3}{8}$



8820 · $\frac{3}{8}$ · $\frac{1}{2}$

8821 · $\frac{3}{8}$ · $\frac{1}{2}$

8821-3 · 8821-6 · 8821-10



917-5 · $\frac{1}{2}$ · $\frac{3}{8}$ · $\frac{1}{2}$



8858-2 · $\frac{3}{8}$ · $\frac{1}{2}$



900 · · $\frac{1}{2}$

10 · 11 · 12 · 13 · 14
15 · 16 · 17 · 18 · 19
20 · 21 · 22 · 23 · 24
26 · 27 · 28 · 30 · 32



900 E · · $\frac{1}{2}$

E 10 · E 12 · E 14
E 16 · E 18 · E 20



915 · $\frac{1}{2}$



916 HP · $\frac{1}{2}$



917-5 · $\frac{1}{2}$ · $\frac{3}{8}$ · $\frac{1}{2}$



General Workshop Equipment

Tool Modules

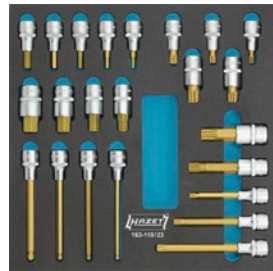


163 Screwdriver socket set

Made in Germany



2/3			
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986 • ○ • 12 1/2
5 • 6 • 7 • 8 • 10
12 • 14 • 17 • 19

990 • ○ • 12 1/2
M 8 • M 10 • M 12
M 14 • M 16 • M 18

990 SLG • ○ • 12 1/2
M 10 • M 12

986 KK • ○ • 12 1/2
6 • 7 • 8 • 10

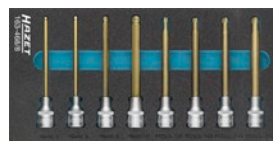
990 LG • ○ • 12 1/2
M 8 • M 14

HAZET No.	L x W mm		EAN-No. 4000896+
163-119/23	344x342	23	153510

Made in Germany



1/3			
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986 KK • ○ • 12 1/2
5 • 6 • 8 • 10

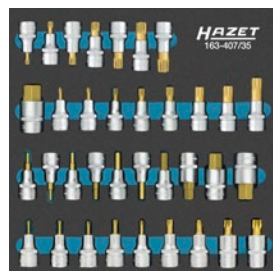
992 SLG • ○ • 12 1/2
T 30 • T 40 • T 45 • T 50

HAZET No.	L x W mm		EAN-No. 4000896+
163-468/8	342x172	8	205479

Made in Germany



2/3			
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986 • ○ • 12 1/2
4 • 5 • 6 • 7
8 • 9 • 10 • 12
17 • 19 • 22

990 • ○ • 12 1/2
M 5 • M 6 • M 8
M 10 • M 12 • M 14
M 16 • M 18

991 • ○ • 12 1/2
M 6 • M 7 • M 8
M 9 • M 10 • M 12
M 14

992 • ○ • 12 1/2
T 20 • T 25 • T 27
T 30 • T 40 • T 45
T 50 • T 55 • T 60

HAZET No.	L x W mm		EAN-No. 4000896+
163-407/35	344x342	35	199990

163 TORX® screwdriver socket set

Made in Germany



1/9			
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992 • ○ • 12 1/2
T 20 • T 25 • T 27 • T 30 • T 40
T 45 • T 50 • T 55 • T 60



HAZET No.	L x W mm		EAN-No. 4000896+
163-271/9	172x114	9	181056

163 Flexible hex nut driver set

Made in Germany



1/3			
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426 • ○
5 • 6 • 7 • 8 • 10



HAZET No.	L x W mm		EAN-No. 4000896+
163-461/5	342x172	5	204625

163 Nut-driver set with T-handle

Made in Germany



1/3			
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428 • ○
8 • 10 • 13



HAZET No.	L x W mm		EAN-No. 4000896+
163-122/3	342x172	3	153534

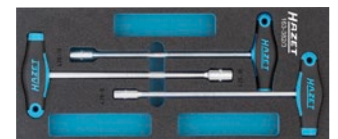
Made in Germany



Suitable for HAZET Assistant® with a drawer depth of 398 mm:
173 • 179 • 179 N • 179 W • 179 N W • 179 BIG-1 • 179 XL • 179 N XL •
179 XXL • 179 N XXL • 179 A XXL • 179 T XXL • 180

1/3 +			
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428 • ○
8 • 10 • 13



HAZET No.	L x W mm		EAN-No. 4000896+
163-382/3	392x172	3	196821

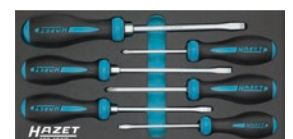
163 HEXAnamic® screwdriver set



1/3			
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802 • ○
0,8x4 • 1x5,5 • 1,2x6,5 • 1,2x8

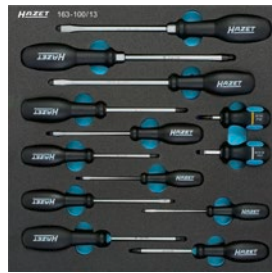
802-PH • ○
PH 1 • PH 2



HAZET No.	L x W mm		EAN-No. 4000896+
163-184/6	342x172	6	161461



163 Screwdriver set



2/3		
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- 803 •
 - 801 NK-PH •
 - 803-PZ •
 - 801 NK •
 - 803-PH •
- 0.4x2.5 • 0.5x3 • 0.6x3.5
0.8x4 • 1.2x6.5 • 1.2x8
- PH 2
- PZ 1 • PZ 2
- 1x5.5
- PH 1 • PH 2 • PH 3

HAZET No.	L x W mm		EAN-No. 4000896+
163-100/13	344x342	13	145713

163 Tool set



3/3		
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- 810/6 •
- 810 T/6 •
- 1859 SPC/3
- 2140-50

HAZET No.	L x W mm		EAN-No. 4000896+
163-330/16	519x342	16	191826

163 Screwdriver set

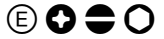


2/3		
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- 810 U-1/5 •
- 810/6 •
- 810 T/6 •
- 2105 Lg/9 H •

HAZET No.	L x W mm		EAN-No. 4000896+
163-297/26	344x342	26	186242

163 Universal set



3/3		
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- 730
- 801 NK •
- 1802 M-22
- 730-3 • 730-6
- 801 NK-PH •
- 1841 M b-33
- 746-1
- 801 NK-PH •
- 1850 M-22
- 748 B
- 803 •
- 2105 Lg/9 H •
- 748 b-3 • 748 b-4
- 0.4x2.5 • 0.5x3 • 0.6x3.5
- 803-PH •
- 2140-50
- 748 b-5 • 748 b-6
- 0.8x4 • 1.2x6.5 • 1.2x8
- PH 1 • PH 2 • PH 3

HAZET No.	L x W mm		EAN-No. 4000896+
163-120/24	519x342	24	153572

163 Screwdriver set

Suitable for HAZET *Assistent* with a drawer depth of 398 mm:

173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180



3/3+		
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- 802 •
- 801 NK •
- 803-T •
- 0.6x3.5 • 0.8x4 • 1x5.5
- 1.2x6.5 • 1.2x8 • 1.6x10
- 2x12
- 802-PH •
- 801 NK-PH •
- 2105 Lg/9 H •
- PH 1 • PH 2 • PH 3
- PH 2

HAZET No.	L x W mm		EAN-No. 4000896+
163-141/31	519x392	31	151905





General Workshop Equipment

Tool Modules

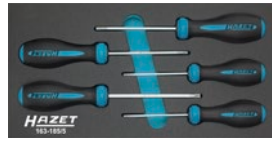


163 HEXAnamic® screwdriver set



1/3				
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802-TH • ⊕
T 10 H • T 15 H • T 20 H
T 25 H • T 30 H



HAZET No.	L x W mm		EAN-No. 4000896+
163-185/5	342x172	5	161478

163 TORX® screwdriver set

Suitable for HAZET *Assistant* with a drawer depth of 398 mm:
173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL ·
179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180



1/3+				
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803 LG-T • ⊕
T 15 • T 20 • T 25 • T 30

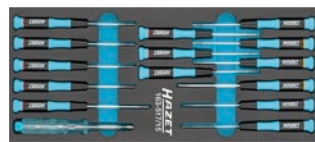
HAZET No.	L x W mm		EAN-No. 4000896+
163-380/4	392x172	4	196814

163 Electronic screwdriver set

Suitable for HAZET *Assistant* with a drawer depth of 398 mm:
173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 ·
179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180



1/3+				
------	--	--	--	--



805/7 • ⊕, ⊖

808/7 • ⊕

839 • ⊖
0.5x2.8

HAZET No.	L x W mm	l mm	b mm		EAN-No. 4000896+
163-517/15	392x172	392	172	15	218745

163 Screwdriver set

Suitable for HAZET *Assistant* with drawer dimension of at least 398x694 mm:
179 XL · 179 N XL · 179 XXL · 179 N XXL
as well as 179 A XXL · 179 T XXL in the upper drawer



4/3+				
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163 Screwdriver set



801 NK • ⊖
0.6x3.5 · 1x5.5

810 • ⊖
0.4x2.5 · 0.5x3 · 0.8x4
1x5.5 · 1.2x6.5

810 U-PH • ⊕
PH 1 · PH 2

801 NK-PH • ⊕
PH 1 · PH 2

810-PH • ⊕
PH 0 · PH 1 · PH 2

839 • ⊖
0.5x2.8



805/7 • ⊕, ⊖

810-T • ⊕
T 10 · T 15 · T 20
T 25 · T 27 · T 30

2105 Lg/9 H • ⊖



808/7 • ⊕

810 U • ⊖
0.8x4.5 · 1x5.5 · 1.2x7

2116 Lg/8 H • ⊖

HAZET No.	L x W mm		EAN-No. 4000896+
163-527/56	691x392	56	218691

Suitable for HAZET *Assistant* with a drawer depth of 398 mm:
173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL ·
179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180



3/3+				
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801 NK • ⊖
0.6x3.5 · 1x5.5

810-PH • ⊕
PH 0 · PH 1 · PH 2

810 U-PH • ⊕
PH 1 · PH 2 · PH 3

801 NK-PH • ⊕
PH 1 · PH 2

810-T • ⊕
T 10 · T 15 · T 20
T 25 · T 27 · T 30

2105 Lg/9 H • ⊖

810 • ⊖
0.4x2.5 · 0.5x3 · 0.8x4
1x5.5 · 1.2x6.5

810 U • ⊖
0.8x4.5 · 1x5.5 · 1.2x7

2116 Lg/8 H • ⊖

HAZET No.	L x W mm		EAN-No. 4000896+
163-526/41	519x392	41	218646

Suitable for HAZET *Assistant* with a drawer depth of 398 mm:
173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL ·
179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180



1/3+				
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801 NK • ⊖
0.6x3.5 · 1x5.5

801 NK-PH • ⊕
PH 1 · PH 2

810 • ⊖
0.5x3 · 0.8x4
1x5.5 · 1.2x6.5

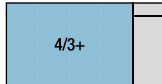
810-PH • ⊕
PH 1 · PH 2

HAZET No.	L x W mm		EAN-No. 4000896+
163-516/10	392x172	10	218738



163 Screwdriver set

Suitable for HAZET *Assistant* with drawer dimension of at least 398 x 694 mm:
179 XL · 179 N XL · 179 XXL · 179 N XXL
as well as 179 A XXL · 179 T XXL in the upper drawer



801 NK • •
0.6x3.5 · 1x5.5

801 NK-PH •
PH 1 · PH 2

802 •
0.8x4 · 1x5.5 · 1.2x6.5
1.2x8 · 1.6x10

802-PH •
PH 0 · PH 1 · PH 2 · PH 3

805/7 • •

808/7 •

810 •
0.5x3 · 0.8x4
1x5.5 · 1.2x6.5

810-PH •
PH 1 · PH 2

810-T •
T 10 · T 15 · T 20
T 25 · T 27 · T 30

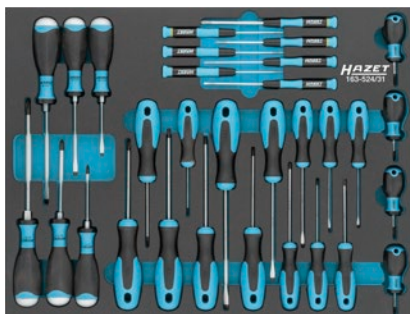
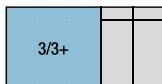
839 •
0.5x2.8

2105 Lg/9 H •

2116 Lg/8 H •

HAZET No.	L x W mm		EAN-No. 4000896+
163-480/57	691x392	57	208234

Suitable for HAZET *Assistant* with a drawer depth of 398 mm:
173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180



801 NK • •
0.6x3.5 · 1x5.5

801 NK-PH •
PH 1 · PH 2

805/7 • •

810 •
0.4x2.5 · 0.5x3 · 0.8x4
1x5.5 · 1.2x6.5

810-PH •
PH 0 · PH 1 · PH 2

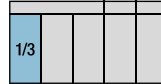
810-T •
T 10 · T 15 · T 20
T 25 · T 27 · T 30

810 U •
0.8x4.5 · 1x5.5 · 1.2x7

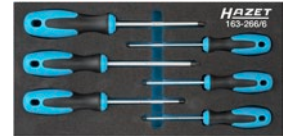
810 U-PH •
PH 1 · PH 2 · PH 3

HAZET No.	L x W mm		EAN-No. 4000896+
163-524/31	519x392	31	218653

163 TORX® screwdriver set

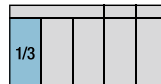


810-T •
T 10 · T 15 · T 20
T 25 · T 27 · T 30



HAZET No.	L x W mm	l mm	b mm		EAN-No. 4000896+
163-266/6	342x172	342	172	6	180615

163 Screwdriver set with impact cap



810 U •
0.8x4.5 · 1x5.5 · 1.2x7

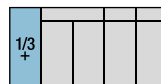
810 U-PH •
PH 1 · PH 2



HAZET No.	L x W mm		EAN-No. 4000896+
163-264/5	342x172	5	180592

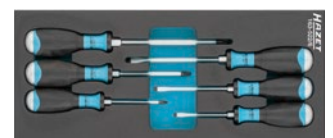
163 Screwdriver set

Suitable for HAZET *Assistant* with a drawer depth of 398 mm:
173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180



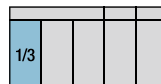
810 U •
0.8x4.5 · 1x5.5 · 1.2x7

810 U-PH •
PH 1 · PH 2 · PH 3



HAZET No.	L x W mm		EAN-No. 4000896+
163-522/6	392x172	6	218660

163 T-handle screwdriver set



828-T •
T 6 · T 7 · T 8
T 9 · T 10 · T 15
T 20 · T 25 · T 30



HAZET No.	L x W mm		EAN-No. 4000896+
163-182/9	342x172	9	162352



163 File set

Made in Germany



1/3			
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- 2119-8
- 2120-8
- 2122-8
- 2123-8

HAZET No.	L x W mm		EAN-No. 4000896+
163-426/4	342x172	4	202621

163 Hammer set

Made in Germany



1/3			
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- 1952-28
- 2140-40
- 2142-1

HAZET No.	L x W mm		EAN-No. 4000896+
163-464/3	342x172	3	205059

163 Drift pin set

Made in Germany



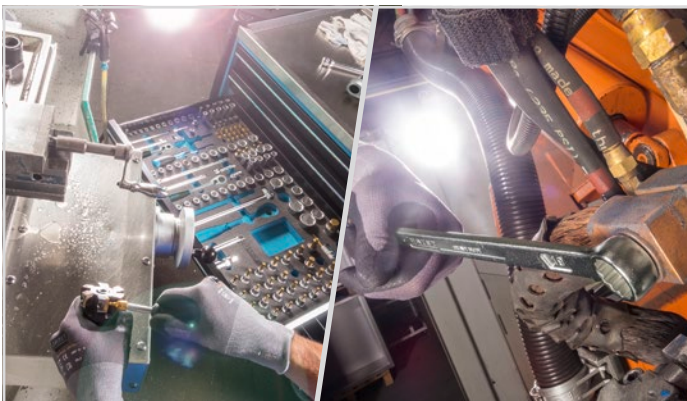
Suitable for HAZET *Assistant*® with a drawer depth of 398 mm:
173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180

1/3+			
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- 730
730-3 · 730-6
- 751 HS/5
- 2140-50

HAZET No.	L x W mm		EAN-No. 4000896+
163-510/8	392x172	8	215003



163 Universal set

Made in Germany



Suitable for HAZET *Assistant*® with drawer dimension of at least 398x694 mm:
179 XL · 179 N XL · 179 XXL · 179 N XXL
as well as 179 A XXL · 179 T XXL in the upper drawer

4/3+		
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- 730
730-3 · 730-7
- 760-2
- 1841 b-33
- 740-3
- 824 · -
0.5x23
- 1850-33
- 746-2
- 1802-33
- 1953 N-40
- 748 B
- 1841 A-280
- 2140-50
- 748 b-2 · 748 b-3
- 1841 a-33
- 2142-2
- 748 b-4 · 748 b-5
- 1841 B-280
- 748 b-6 · 748 b-8
- 751 HS/5

HAZET No.	L x W mm		EAN-No. 4000896+
163-479/26	691x392	26	208104

Suitable for HAZET *Assistant*® with a drawer depth of 398 mm:
173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180

3/3+		
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- 426 · ●
6 · 7
- 748 B
748 b-3 · 748 b-4
748 b-5 · 748 b-6
748 b-8
- 2140-40
- 612 N · ●
10x11
- 824 · -
0.5x23
- 2152 N/3
- 730
730-3 · 730-6
- 1952-40
- 2154 N-5
- 746-1
- 1952-40
- 4968-2

HAZET No.	L x W mm		EAN-No. 4000896+
163-143/18	519x392	17	151929



General Workshop Equipment

Tool Modules



163 Tool set · offset screwdrivers · various tools



3/3			
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730
730-3 · 730-6

1952-35

2140-50

746-1

1976

2147 MS

748 B
748 b-3 · 748 b-4
748 b-5 · 748 b-6

824 · -
0.5x23

2105 Lg/9 H · O

2154-2

HAZET No.	L x W mm		EAN-No. 4000896+
163-60/22	519x342	22	122851

163 Universal set

Made in Germany

Suitable for HAZET *Assistant* with a drawer depth of 398 mm:
173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180



1/3			
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730-3

748 B
748 b-2 · 748 b-3
748 b-4 · 748 b-5
748 b-6 · 748 b-8

1952-28

740-3

2140-50

746-2

HAZET No.	L x W mm		EAN-No. 4000896+
163-523/11	392x172	11	218714

Suitable for HAZET *Assistant* with a drawer depth of 398 mm:
173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180



3/3+			
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163 Universal set



612 N · ●
10x11

824 · -
0.5x23

2147 MS

666-5

1952-40

2152 N/3

730
730-3 · 730-6

1976-2

2154 N-5

746-1

1977-2/4

2157-1

748 B
748 b-3 · 748 b-4
748 b-5 · 748 b-6
748 b-8

2140-40

4968-2

HAZET No.	L x W mm		EAN-No. 4000896+
163-372/25	519x392	25	196760

163 Universal brake set

1/3			
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751 K HS-3

8801 K · O · □^{3/8}
7

2784 · O · □^{3/8}
7

751 K HS-4

986 · O · □^{1/2}
9

2901 G · O · □^{3/8}
7

748 LGB
748 Lg b-3 · 748 Lg b-4

986 LG · O · □^{3/8}
9 · 11

4968-2

810 U-PH · ●
PH 3

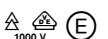
2584-8 · O · □^{3/8}
8

4968-6

HAZET No.	L x W mm		EAN-No. 4000896+
163-548/14	342x172	14	224197

163 Pliers set · with protective insulation

Made in Germany



1/3			
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1802 VDE-22

1804 VDE-33

1860 VDE-11

HAZET No.	L x W mm		EAN-No. 4000896+
163-227/3	342x172	3	177868



163 Pliers set · with protective insulation

Made in Germany



1/3			
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- 759 N-2 VDE
- 1803 VDE-22
- 1841 b VDE-33
- 1850 VDE-22

HAZET No.	L x W mm		EAN-No. 4000896+
163-226/4	342x172	4	177875

163 Open-end wrench, with protective insulation

Made in Germany



Suitable for HAZET Assistant with a drawer depth of 398 mm:
173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180



2/3+			
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- 450 KV · ●
- 7 · 8 · 9 · 10 · 11 · 12 · 13 · 14 · 15
- 16 · 17 · 18 · 19 · 22 · 24 · 27 · 30 · 32

HAZET No.	L x W mm	l mm		EAN-No. 4000896+
163-542/18	392x344	392	18	223626

163 Double box-end wrench, with protective insulation

Made in Germany



Suitable for HAZET Assistant with a drawer depth of 398 mm:
173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180



2/3+			
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- 630 KV · ●
- 7 · 8 · 9 · 10 · 11 · 12 · 13 · 14 · 15
- 16 · 17 · 18 · 19 · 22 · 24 · 27 · 30 · 32

HAZET No.	L x W mm	l mm		EAN-No. 4000896+
163-543/18	392x344	392	18	223831

163 Socket set, with protective insulation

Suitable for HAZET Assistant with a drawer depth of 398 mm:
173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180



2/3+			
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- 880 KV · ● · 10 3/8
6 · 7 · 8 · 9 · 10
11 · 12 · 13 · 14 · 16
17 · 18 · 19 · 20 · 22
- 8802 KV · ● · 10 3/8
T 10 · T 15 · T 20
T 25 · T 27 · T 30
T 40 · T 45 · T 50
- 8808 LgKV · ● · 10 3/8
M 8 · M 10 · M 12
- 8816 KV · 10 3/8
- 8801 K-KV · ● · 10 3/8
5 · 6
- 8802 KV-Lg · ● · 10 3/8
T 10 · T 15 · T 20 · T 25
T 30 · T 40 · T 45 · T 50
- 8821 KV · 10 3/8 · 10 3/8
8821 KV-3 · 8821 KV-5

HAZET No.	L x W mm		EAN-No. 4000896+
163-545/41	392x344	41	223855



1/3			
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- 880 KV · ● · 10 3/8
6 · 7 · 8 · 9 · 10
11 · 12 · 13 · 14 · 16
17 · 18 · 19 · 20 · 22
- 8816 KV · 10 3/8
- 8821 KV · 10 3/8 · 10 3/8
8821 KV-3 · 8821 KV-5

HAZET No.	L x W mm	l mm		EAN-No. 4000896+
163-580/18	342x172	342	18	235520

Suitable for HAZET Assistant with a drawer depth of 398 mm:



173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180

2/3+			
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General Workshop Equipment

Tool Modules



163 Socket set, with protective insulation



900 KV • E • R $\frac{1}{2}$
 10 • 11 • 12 • 13 • 14
 15 • 16 • 17 • 18 • 19
 20 • 22 • 23 • 24 • 26
 27 • 30 • 32



986 LGKV • E • R $\frac{1}{2}$
 4 • 5 • 6 • 8 • 10



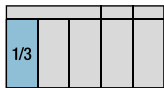
917/918 KV • E $\frac{1}{2}$ • R $\frac{1}{2}$
 917 KV-5 • 918 KV-10



916 KV • E $\frac{1}{2}$

HAZET No.	L x W mm		EAN-No. 4000896+
163-544/26	392x344	26	223848

163 Screwdriver set · with protective insulation



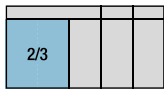
810 VDE • E
 0.4x2.5 • 0.5x3 • 0.6x3.5 • 0.8x4



810 VDE-PH • E
 PH 1 • PH 2 • PH 3



HAZET No.	L x W mm		EAN-No. 4000896+
163-229/7	342x172	7	177844



810 VDE • E
 0.4x2.5 • 0.5x3
 0.6x3.5 • 0.8x4



810 VDE-T • E
 T 20 • T 25 • T 30



839 • E
 0.5x2.8



810 VDE-PH • E
 PH 1 • PH 2 • PH 3



2156 VDE-2



HAZET No.	L x W mm		EAN-No. 4000896+
163-546/12	344x342	12	223619

163 Soft foam insert with compartments for small pieces

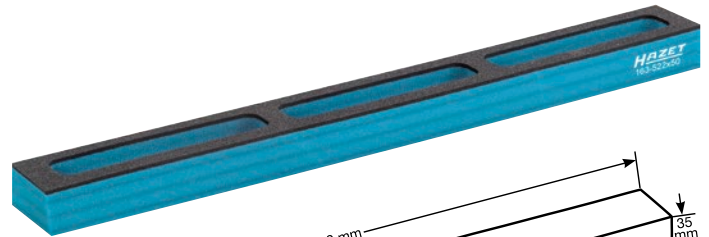
• **Made in Germany**

• **Safety-Insert-System** – all tools are snugly embedded

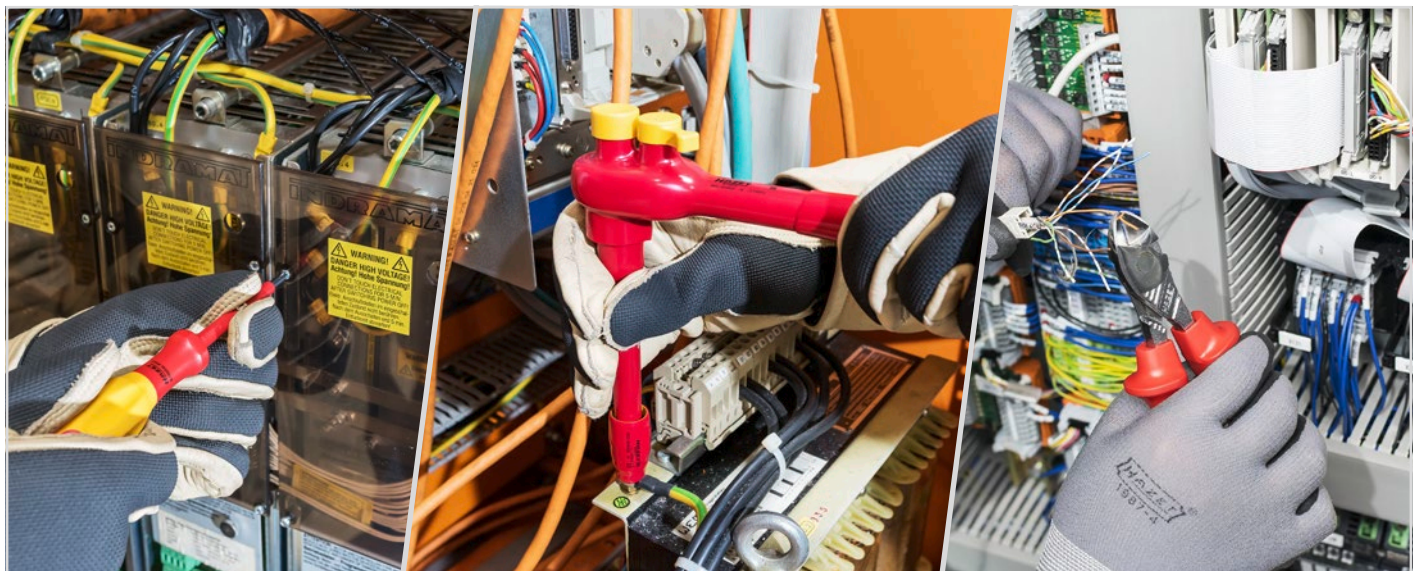
• **Missing tools are noticed immediately**

• Suitable for all HAZET tool trolleys *Assistant* with drawers

• For tool trolleys *Assistant* 173 · 179 · 179 N(X) · 179 BIG-1 · 179 XL · 179 N XL · 179 N XXL · 179 W · 179 N W we recommend additionally using soft foam inserts 163-522x40 or 163-522x50



HAZET No.	L x W mm	EAN-No. 4000896+
2-component soft foam insert, empty		
163-130 L	342x172	153589
• 1 compartment for small pieces • H 33xW 172xD 50 mm • For <i>Assistant</i> 173 · 179 · 179 N(X) · 179 BIG-1 · 179 XL · 179 N XL · 179 N XXL · 179 W · 179 N W		
163-172x50	172x50	154692
• 3 compartments for small pieces • H 33xW 522xD 50 mm • For <i>Assistant</i> 173 · 179 · 179 N(X) · 179 BIG-1 · 179 XL · 179 N XL · 179 N XXL · 179 W · 179 N W		
163-522x50	522x50	141043







Hand Tools



Wrenches

106–118

Range of Sockets

119–173

Screwdrivers / Bits

174–198

Pliers

199–213

Hammer / Chisel / Center Punch

214–220

Pullers / Extractors

221–230

Grinding, separation and cutting

231–235

Thread repair

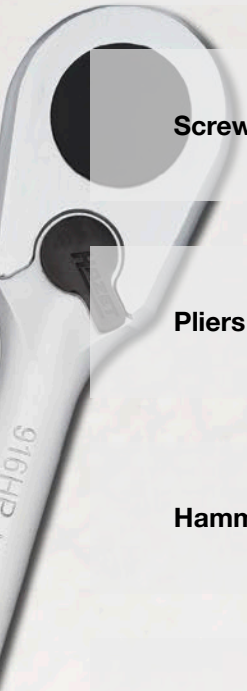
236–238

Measurement

239–240

Tools with protective insulation / Tools for electricians

241–252





Manufacturing process of a HAZET combination wrench

- 1 Cut to size
- 2 Forging
- 3 Blank trimmed
- 4 Blank sand blasted
- 5 Open-end head milled
- 6 Box-end head broached
- 7 Fine-ground (Heads and handle)
- 8 Hardened and tempered
- 9 Vibratory ground
- 10 Sand blasted
- 11 Heads polished
- 12 Nickel- and chrome-plated

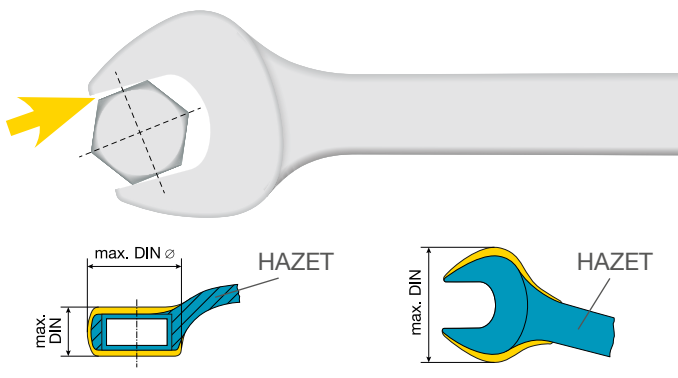
Wrench tolerances

Precision work for perfectly fitting nominal dimension

Tolerance achieved by HAZET



Permissible tolerance in accordance with DIN standard



HAZET wrench – high precision tightening and loosening of screw connections

- Long service life due to:
 - High-quality chrome vanadium steel
 - Compacted material structure from drop forging
 - Careful heat treatment
 - Correct hardness and dimensional stability as guarantors of wear resistance and high load capacity
- Shape, dimensions and surface design are perfectly coordinated to one another which guarantees functional handling and meets ergonomic requirements
- **Slim construction** through optimum material composition guarantees sufficient freedom of movement even with hard-to-reach screw connections
- HAZET torque values are considerably higher than the DIN ISO requirements for all wrench sizes – here DIN is the minimum requirement
- Slim open-end and box-end head shape does not reduce the wrench's loading capacity, although this is well below the maximum permissible limit value according to DIN ISO



Comparison of the HAZET traction profile with conventional screw profiles

HAZET traction profile

The HAZET traction profile has been especially developed for HAZET wrenches without sharp edges or points. A strong and also safe transfer of torque is ensured by the protected contact surface of the traction profile in the screw head. This reduces the notching effect in the tool

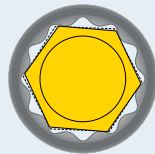
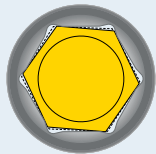
to a minimum and protects the screw head from damage, such as deformations or wearing of corners. Even damaged screws can still be turned safely and effectively, because slipping out and sliding off are virtually ruled out.



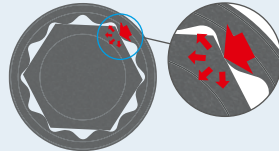
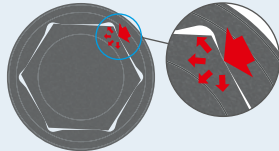
6-point



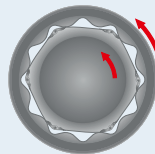
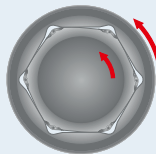
12-point



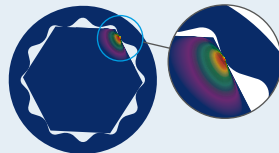
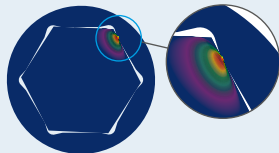
More secure friction lock thanks to protected contact surface (also for screws outside the tolerance).



Equal distribution of force on the screw head edges. No straight turning of the screw head due to a changed point of application.



Secure loosening of slightly damaged or worn screw heads thanks to a gentle transfer of torque. The tool is prevented from sliding out.

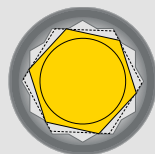
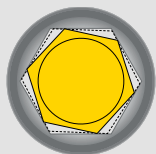


Up to 20% higher torques thanks to an optimal friction lock.

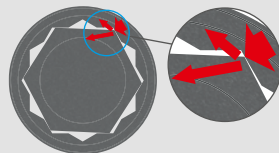
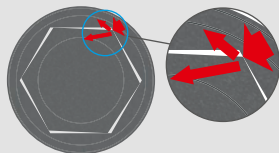
Conventional screw profiles

6-point

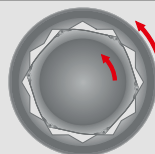
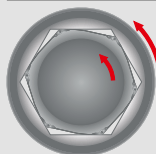
12-point



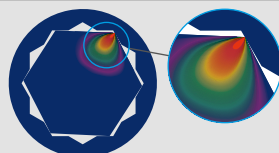
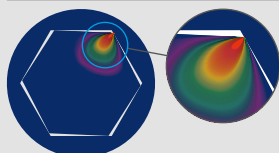
Poorer friction lock due to an unprotected contact surface. Slipping out when working with screws poses the risk of injuries or damage to components. The torque can no longer be applied safely.



Sharp edges or points increase the risk of a notching effect and in the worst cases can damage or destroy the screw profile of the tool.



Due to the slipping out of the wrench with damaged (e.g. straight-turned) screw heads, the loosening process is made more difficult or impossible. An effective transfer of the required torque is no longer possible.



Force acts primarily on the point of the screw profile. This isolated loading causes damage to the screw profile.



Overview of HAZET wrenches

Which wrench in which size

Product group	Designation	Design	Wrench size			as set	
			metric mm	inches "	TORX®		
	279	Open-end wrench, adjustable	• With scale	13 – 53	0.5 – 2.1		112
	440	Double open-end wrench	• Forged • Short, thin design	3.2 – 14		440/14 P	112
	450 N	Double open-end wrench	• Slim heads • Shank with extra sturdy HAZET double-T-profile	4 x 5 – 46 x 50	$\frac{1}{4} \times \frac{5}{16} -$ $1. \frac{1}{16} \times 1. \frac{1}{4}$	450 N/10 450 N/12 450 N/8 RS 450 N/12 N RS 163-95/8	111
	600 N (A)	Combination wrench	• Long, slim design • Slim heads • Shank with extra sturdy HAZET double-T-profile	5.5 – 80	$\frac{1}{4} - 1. \frac{1}{2}$	600 N/12 N 600 N/17 N 600 N/21 600 N/30 163-98/17 163-292/8 600 N A/10 600 N A/12-1	112
	600 Lg	Combination wrench, extra long	• At least 25 % longer than comparable standard wrenches • Better accessibility with low-lying screw connections	10 – 41		600 Lg/8 600 Lg/10 600 Lg/12 600 Lg/13	114
	603	Combination wrench	• Box-end head 10° offset	5.5 – 32		603/17 N 603/17 H 163-99/18	114
	606	Ratcheting combination wrench	• For the operation of screw connections in areas with restricted access	8 – 32		606 N/12 606 N/6 606/6-1 163-366/18 163-186/16 606/4 SPC 163-97/6	115
	610 N	Double box-end wrench	• Ergonomically shaped, heads offset	6 x 7 – 30 x 34		610 N/8 610 N/8 RS 610 N/12 RS	116
	630 (A)	Double box-end wrench	• Deep offset • Heads thin-walled	6 x 7 – 36 x 41	$\frac{1}{4} \times \frac{5}{16} -$ $1. \frac{1}{16} \times 1. \frac{1}{4}$	630/8 630/12 163-101/9 163-296/7	117
	612 (N)	Double box-end wrench (open)	• For tube connections, union nuts and male fittings for pipes	8 x 10 – 30 x 32			118
	609	TORX® double box-end wrench	• Straight design			E6 x E8 – E20 x E24	118
	848 Z	Box-end wrench 12-point, open		17 – 27			139
				30 – 46			151



Do you know?



HAZET tools have an elaborate surface

Why matt chrome-plated?

- The safer chrome plating because it adheres optimally to the steel
- Good grip, can even be securely held with dirty hands
- Glare-free look
- Looks subtle and elegant
- Double protection against corrosion

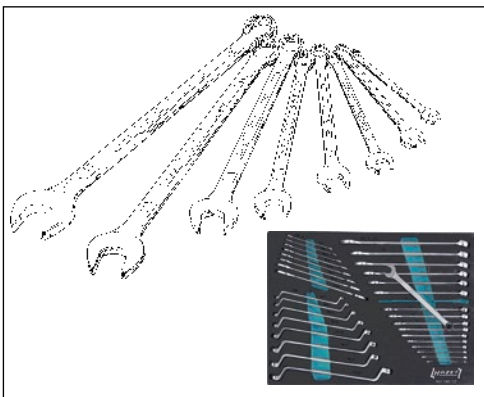
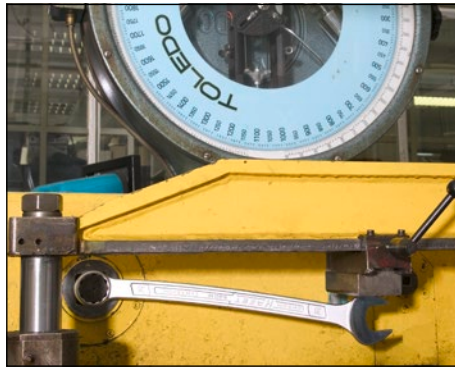
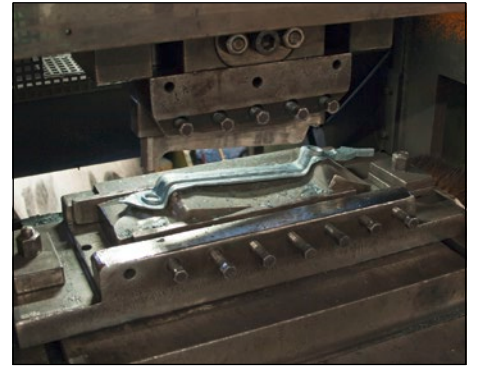


Tightening torques

Screw size	Quality range	3.6	5.6	6.9	8.8	10.9	12.9	Minimum testing torque	
								Ring as per DIN Series A	Jaws as per DIN Series A
Thread	Size	Nm	Nm	Nm	Nm	Nm	Nm		
M6	10	3	4	8	10	14	17	58,1	24,8
M7	11	5	7	14	17	24	28	72,7	32,3
M8	13	8	10	21	25	35	42	107	51,6
M10	17	16	21	42	50	70	85	201	109
M12	19	28	38	73	87	122	147	261	149
M14	22	45	60	116	138	194	235	368	225
M16	24	59	93	178	210	299	357	451	287
M18	27	95	127	245	289	411	490	594	399
M20	30	135	180	348	411	578	696	760	536
M22	32	182	245	470	558	784	941	884	642
M24	36	230	308	598	710	1000	1196	1165	894
M27	41	343	460	887	1049	1480	1480	1579	1154
M30	46	465	622	1206	1421	2010	2402	2067	1453
M33	50	632	848	1627	1931	2716	3265	2515	1716
M36	55	813	1088	2098	2481	3491	4197	3140	2077
M39	60	1059	1412	2716	3226	4530	5442	3849	2471
M42	65	1304	1745	3363	3991	5609	6727	4021	2900
M45	70	1637	2177	4207	4991	7011	8414	4658	3364



A well-made tool.



From HAZET!





Hand Tools

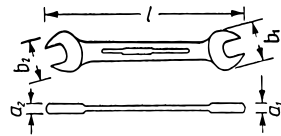
Wrenches



450 N Double open-end wrench

Made in Germany

- Slim heads
- Shank with sturdy HAZET double-T-profile
- Head set at: 15°
- Surface: chrome-plated
- DIN 3110, ISO 10102



* = Not according to DIN

HAZET No.	l mm	a mm	b ₁ mm	b ₂ mm	EAN-No. 4000896+
450 N- 4x5 *	99.5	3.2	11.4	13.2	020683
450 N- 5x5.5 *	99.6	3.6	13.4	15.1	020706
450 N- 6x7	121.3	3.5	15.1	17.1	020713
450 N- 8x9	139	3.8	18.5	21	020744
450 N- 8x10	140.1	4.1	19	23.2	020737
450 N-10x11	155.7	4.6	23.2	25.2	020355
450 N-10x13	172	5.1	25.1	29.9	020362
450 N-12x13	172.7	5.1	27.1	29.1	020386
450 N-13x17	205.5	6	29.3	36	020423
450 N-14x15	187.8	5.7	30.9	32.8	020430
450 N-16x17	205.7	6	34.8	37	020454
450 N-16x18	205.7	6	34.8	38.3	020461
450 N-17x19	220.9	6.7	37.4	40.6	020478
450 N-18x19	221.2	6.7	38.6	40.6	020485
450 N-20x22 *	238.9	7	43.9	47.8	020515
450 N-21x22	238	7	44.8	46.8	020522
450 N-21x23 *	246	7.1	44.8	48.8	020539
450 N-22x24	254.6	7.1	47.8	51.9	020553
450 N-24x26 *	269.4	7.8	50.9	54.9	020560
450 N-24x27	269	7.8	50.9	57	020577
450 N-25x28 *	284.2	8.4	53.4	59	020584
450 N-27x32	303.8	9.1	58	67.3	020607
450 N-30x32	303.4	9	63.4	67.3	020614
450 N-32x36	343.2	10.1	66.9	75.2	020638
450 N-34x36	343.2	10.1	67.9	74.5	020645
450 N-36x41	396.7	10.5	74.6	81.1	020652
450 N-41x46	439.5	11.4	85.5	94.4	020669
450 N-46x50	498	12.3	94.3	102.2	020676

450 N Double open-end wrench set

Made in Germany

- Surface: chrome-plated
- DIN 3110, ISO 10102



HAZET No.	l mm	a mm	b ₁ mm	b ₂ mm	EAN-No. 4000896+
450 N • ●	6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x17 • 18x19 • 21x22 • 24x26 • 27x32				
450 N/10	10				020751
450 N • ●	6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x17 • 18x19 • 20x22 • 21x23 • 24x26 • 25x28 • 27x32				
450 N/12	12				020775

450 N Double open-end wrench set

Made in Germany

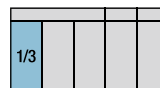
- Suitable for wall fixation
- Plastic tool holder
- Surface: chrome-plated
- DIN 3110, ISO 10102



HAZET No.	L x W x H mm	Quantity	EAN-No. 4000896+
450 N • ●	6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x17 • 18x19 • 21x22		
450 N/8 RS	260x110x55	8	020867
• With carrying handle			
450 N • ●	6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x17 • 18x19 • 20x22 • 21x23 • 24x27 • 25x28 • 30x32		
450 N/12 N RS	340x165x75	12	020805

Made in Germany

- Safety-Insert-System, 2-component soft foam insert.
- Insert also suitable for HAZET Assistant

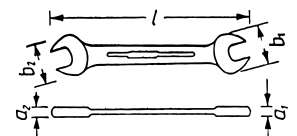


HAZET No.	L x W mm	Quantity	EAN-No. 4000896+
450 N • ●	6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x17 • 18x19 • 21x22		
163-95/8	342x172	8	145669
Suitable for HAZET Assistant® with a drawer depth of 398 mm: 173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180			
450 • ●	6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x18 • 17x19 • 20x22 • 21x23 • 24x27 • 30x32 • 34x36		
163-519/12	392x172	12	218684

450 NA Double open-end wrench

Made in Germany

- Slim heads
- Shank with sturdy HAZET double-T-profile
- Head set at: 15°
- American dimensions
- Surface: chrome-plated
- DIN 895



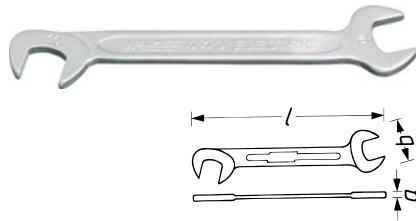
HAZET No.	l mm	a mm	b ₁ mm	b ₂ mm	EAN-No. 4000896+
450 N A-1/4 x 5/16 VKH	129.9	3	17.1	18.5	020911
450 N A-3/16 x 3/8 VKH	140.1	4.1	19	23.2	020973
450 N A-3/8 x 7/16 VKH	155.7	4.6	23.2	25.2	020966
450 N A-1/2 x 9/16 VKH	172.4	5.1	30.1	31	020904
450 N A-9/16 x 5/8 VKH	189.8	5.7	32.4	35.4	021000
450 N A-19/32 x 11/16 VKH	205.7	6	34.8	38.3	020935
450 N A-5/8 x 3/4 VKH	220.9	6.7	37.4	40.6	020980
450 N A-29/32 x 7/8 VKH	238.9	7	43.9	47.8	020959
450 N A-7/8 x 15/16 VKH	254.6	7.1	47.8	51.9	020997
450 N A-19/16 x 1 VKH	269.4	7.8	50.9	54.9	020928
450 N A-1 x 1 1/8 VKH	284.2	8.4	53.4	59	020942
450 N A-1 1/16 x 1 1/4 VKH	303.8	9	58	67.3	020881



440 Double open-end wrench

Made in Germany

- Forged design
- Same wrench sizes
- Short, thin style
- Head set at: 15° x 75°
- Surface: chrome-plated

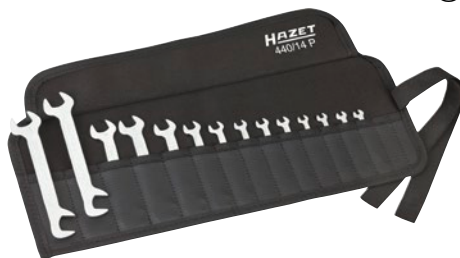


HAZET No.	l mm	a mm	b mm	EAN-No. 4000896+
440- 3.2	70	2	10.5	020119
440- 3.5	70	2	10.5	020126
440- 4	70	2	10.5	020133
440- 4.5	70	2	10.5	020140
440- 5	78	2	12.6	020157
440- 5.5	78	2	12.6	020164
440- 6	78	2	12.6	020171
440- 7	91	2	14.7	020188
440- 8	96	3	16.8	020195
440-10	105	3	21	020065
440-11	116	3	24.2	020072
440-12	116	3	24.2	020089
440-13	131	3	28.3	020096
440-14	131	3	28.3	020102

440 Double open-end wrench set

Made in Germany

- Plastic roll



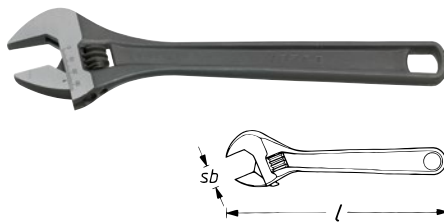
440 • ●
3.2 • 3.5 • 4 • 4.5 • 5 • 5.5
6 • 7 • 8 • 10 • 11 • 12 • 13 • 14

HAZET No.	EA	EAN-No. 4000896+
440/14 P	14	178759

279 Open-end wrench · adjustable

Adjustable wrench

- With scale
- Head set at: 15°
- Surface: phosphatized, mirror highly polished
- ISO 6787

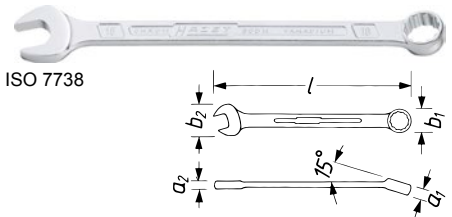


HAZET No.	l mm	sb mm	EAN-No. 4000896+
279- 4	109	13	018086
279- 6	158	18	018093
279- 8	205	23	018109
279-10	255	28	018048
279-12	308	34	018055
279-15	382	43	018062
279-18	458	53	018079

600 N Combination wrench

Made in Germany

- Long, slim design
- Slim heads
- Shank with sturdy HAZET double-T-profile
- Box-end head angled at 15°
- Surface: chrome-plated, head polished
- DIN 3113 form A, ISO 3318, ISO 7738



* = Not according to DIN

HAZET No.	l mm	a ₁ mm	a ₂ mm	b ₁ mm	b ₂ mm	EAN-No. 4000896+
600 N- 5.5 *	105	6	4	9.6	15.5	023288
600 N- 6	105	6	4	9.6	15.5	023295
600 N- 7	118.5	6.6	4	10.9	17.5	023301
600 N- 8	130	7	4.5	12	18.5	023318
600 N- 9	143	8	4.5	13.7	21	023325
600 N-10	154.5	8	5	15	23	023028
600 N-11	168.5	8.4	5.5	15.9	25.5	023035
600 N-12	180.5	9	5.5	17.8	27.5	023042
600 N-13	193	10	6.3	19	29	023059
600 N-14	204.5	10	6.5	20.1	31	023073
600 N-15	218	11	7	21.4	32.5	023080
600 N-16	230.5	11.4	7	23.1	35	023097
600 N-17	242.5	12.4	7.5	24.5	37	023103
600 N-18	255	13	8	26	39	023110
600 N-19	268.5	13.5	8	27.5	41	023127
600 N-20 *	279.5	13.5	8.5	29	43	023134
600 N-21	292	13.7	8.5	30	45	023141
600 N-22	304.5	14	8.5	31.5	47	023158
600 N-23 *	328	14.3	9.5	33	49	023165
600 N-24	328	14.7	9.5	34.5	51	023172
600 N-25 *	354	15	10	36	53.5	023189
600 N-26 *	354	15.5	10	37.5	55	023196
600 N-27	380	16	10.5	39	57	023202
600 N-28 *	380	16.5	11	40.5	59	023219
600 N-29 *	380	17	11.5	41.5	60	023226
600 N-30	405.5	17.5	12.2	43	63	023233
600 N-32	420	18	12	45.5	66.5	023240
600 N-34	432	19	13	48.5	67	023257
600 N-36	460	20	13	51.8	75	023264
600 N-41	500	20.6	14	58.8	85	023271

* = Not according to DIN

HAZET No.	l mm	a ₁ mm	a ₂ mm	b ₁ mm	b ₂ mm	EAN-No. 4000896+
• Box-end head 10° offset						
• DIN 3113 form B, ISO 3318, ISO 7738						
600 N-46	520	24	15	69	95	048564
600 N-50	560	26	16.5	75	103	048571
600 N-55	610	28	18	84.5	113	048588
600 N-60	660	31	20	90	123	048595
600 N-65 *	710	33	22	98	133	048601
600 N-70 *	760	35	24	105	143	048618
600 N-75 *	810	38	26	110	153	048625
600 N-80 *	860	41	28	119	163	048632





Hand Tools

Wrenches



600 N Combination wrench set

Made in Germany

- Surface: chrome-plated, head polished
- DIN 3113 form A, ISO 3318, ISO 7738



HAZET No.		EAN-No. 4000896+
600 N •	10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 • 21 • 22	
600 N/12 N	12	023332
600 N •	7 • 8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 • 21 • 22 • 24 • 27	
600 N/17 N	17	023349
600 N •	6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 17 • 18 • 19 • 21 • 22 • 24 • 27 • 30 • 32 • 34	
600 N/21	21	023356
600 N •	5.5 • 6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 20 • 21 • 22 • 23 • 24 • 25 • 26 • 27 • 28 • 29 • 30 • 32 • 34 • 36 • 41	
600 N/30	30	023363

600 N Tool set in Safety-Insert-System

Made in Germany

- Safety-Insert-System, 2-component soft foam insert.
- Insert also suitable for HAZET Assistant



2/3			
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HAZET No.	L x W mm		EAN-No. 4000896+
600 N •	6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 • 21 • 22 • 24		
163-98/17	344x342	17	145690

Made in Germany

- Safety-Insert-System, 2-component soft foam insert.
- Insert also suitable for HAZET Assistant



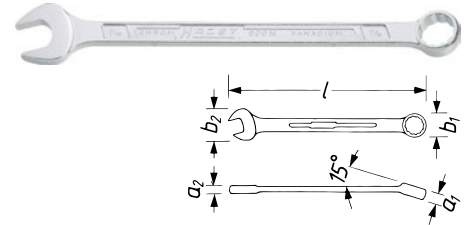
1/3			
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HAZET No.	L x W mm		EAN-No. 4000896+
600 N •	10 • 11 • 13 • 14 • 15 • 17 • 19 • 22		
163-292/8	342x172	8	186372

600 NA Combination wrench

Made in Germany

- Long, slim design
- Slim heads
- Shank with sturdy HAZET double-T-profile
- Box-end head angled at 15°
- American dimensions
- Surface: chrome-plated



HAZET No.	l mm	a1 mm	a2 mm	b1 mm	b2 mm	EAN-No. 4000896+
600 N A-1/4	105	6	4	9.6	15.1	023493
600 N A-5/16	130	7	4.5	12	18.3	023554
600 N A-3/8	154.5	8	5	15	23.1	023547
600 N A-7/16	168.5	8.4	5.5	15.9	25.3	023578
600 N A-1/2	193	10	6.3	19	29.1	023486
600 N A-9/16	204.5	10	6.5	20	30.9	023592
600 N A-5/8	230	11.4	7	23.1	34.7	023561
600 N A-11/16	242.5	12.4	7.5	25	36.6	023509
600 N A-3/4	268	13.5	8	27.5	40.6	023530
600 N A-13/16	292	13.7	8.5	30	44.6	023516
600 N A-7/8	304	14	8.5	31.5	46.8	023585
600 N A-15/16	328	14.7	9.5	34.5	50.7	023523
600 N A-1	354	15.5	10	37.5	54.7	023400
600 N A-1 1/8	380	17	11.5	41.5	59.7	023448
600 N A-1 1/4	420	18	12	45.2	66.4	023431
600 N A-1 5/16	432	19	13	48.5	66.7	023462
600 N A-1 1/2	486	20.5	13.7	54.7	77.1	023424

600 NA Combination wrench set

Made in Germany

- Long, slim design
- Slim heads
- Shank with sturdy HAZET double-T-profile
- Box-end head angled at 15°
- American dimensions
- Surface: chrome-plated



HAZET No.		EAN-No. 4000896+
600 NA •	1/4 • 5/16 • 3/8 • 7/16 • 1/2 • 9/16 • 5/8 • 3/4 • 7/8 • 1	
600 N A/10	10	023608
600 NA •	1/4 • 5/16 • 3/8 • 7/16 • 1/2 • 9/16 • 5/8 • 3/4 • 7/8 • 1 • 1 1/8 • 1 1/4	
600 N A/12-1	12	023615



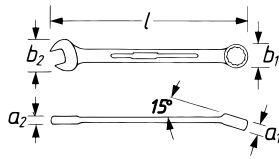
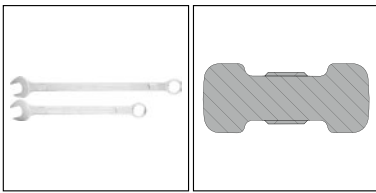


600 LG Combination wrench · extra long

Made in Germany

• Loading capacity at least twice as high as DIN

- At least 25% longer than comparable standard wrenches – for greater power transmission
- Better accessibility with low-lying screw connections
- Shank with extra sturdy double-T-profile slim design
- Surface: chrome-plated

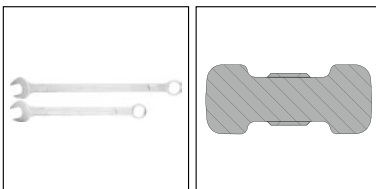


HAZET No.	l mm	a ₁ mm	a ₂ mm	b ₁ mm	b ₂ mm	EAN-No. 4000896+
600 Lg-10	210	8.5	5.5	16.5	23.1	197644
600 Lg-11	220	9	5.5	18	25.1	199518
600 Lg-12	230	9.5	6	19.5	27	199501
600 Lg-13	245	10	6	20.8	29.1	198238
600 Lg-14	255	11	6.5	22.5	30.9	197651
600 Lg-15	270	11.6	7	23.8	32.6	209958
600 Lg-16	290	12	7	25.2	34.7	209200
600 Lg-17	305	12.5	7.5	26.5	36.6	197668
600 Lg-18	320	13.8	8	28	38.6	209194
600 Lg-19	335	15	8.5	29.5	40.6	198245
600 Lg-21	365	15.8	8.5	32	44.6	209965
600 Lg-22	380	16	9	33.7	46.8	199525
600 Lg-24	430	18	10	36.5	50.7	198252
600 Lg-27	480	20	11	40.5	56.6	198269
600 Lg-30	510	21	12	45.1	63.1	199723
600 Lg-32	530	21.5	12	47.6	66.4	197675
600 Lg-36	580	24	13	53	74.6	205745
600 Lg-41	600	26	14	60.4	84.9	205738

Made in Germany

• Loading capacity at least twice as high as DIN

- At least 25% longer than comparable standard wrenches – for greater power transmission
- Better accessibility with low-lying screw connections
- Shank with extra sturdy double-T-profile slim design
- Surface: chrome-plated



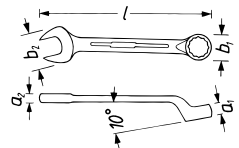
600 LG Combination wrench · extra long

HAZET No.		EAN-No. 4000896+
600 LG •	10 • 13 • 14 • 17 • 19 • 24 • 27 • 32	
600 Lg/8	8	199938
600 LG •	10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19	
600 Lg/10	10	218424
600 LG •	10 • 11 • 12 • 13 • 14 • 17 • 19 • 22 • 24 • 27 • 30 • 32	
600 Lg/12	12	202492
600 LG •	10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 • 21 • 22 • 24	
600 Lg/13	13	218417

603 Combination wrench

Made in Germany

- Box-end head 10° offset
- Head setting: 15°
- Surface: chrome-plated
- DIN 3113 form B, ISO 3318, ISO 7738



+ = box-end with hexagon opening
* = 603-5.5 not according to DIN

HAZET No.	l mm	a ₁ mm	a ₂ mm	b ₁ mm	b ₂ mm	EAN-No. 4000896+
603- 5.5 +*	90	4.7	3.7	9.8	14.1	023929
603- 6 +	100	5.1	4	10.5	14.9	023950
603- 7 +	110	5.5	4.3	12.2	16.8	023981
603- 8 +	120	5.9	4.5	13.1	18.3	024018
603- 9 +	130	6.3	4.5	14.6	21	024025
603-10	137	6.7	5	15.6	23	023691
603-11	145	7.1	5.2	17.1	25	023714
603-12	152	7.6	5.4	18.4	26.8	023721
603-13	160	8	5.6	19.9	28.8	023738
603-14	170	8.5	5.8	21.4	30.7	023752
603-15	180	9	6	22.5	32.6	023769
603-16	190	9.5	6.2	24	34.6	023776
603-17	200	10	6.4	25.5	36.5	023783
603-18	210	10.5	6.7	26.9	38.6	023790
603-19	220	11	7	28.4	40.6	023806
603-21	240	12	7.6	30.7	44.8	023820
603-22	250	12.5	7.9	32.2	46.8	023837
603-24	270	13.5	8.5	35.1	51	023844
603-27	305	15	9.3	38.5	57.3	023868
603-30	340	16	10	42.7	63.4	050260
603-32	360	17	10.5	45.5	67.2	023882

603 Combination wrench set

Made in Germany

- Surface: chrome-plated
- DIN 3113 form B, ISO 3318, ISO 7738



HAZET No.		EAN-No. 4000896+
603 •	7 • 8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 • 21 • 22 • 24 • 27	
603/17 N	17	024063



Hand Tools

Wrenches



603 Combination wrench set

Made in Germany

- Surface: chrome-plated
- DIN 3113 form B, ISO 3318, ISO 7738



HAZET
No.

EAN-No.
4000896+

- In clip for wall fixation

603 • ●
6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 • 21 • 22 • 24
603/17 H 17 024049

Made in Germany

- Safety-Insert-System, 2-component soft foam insert.
- Insert also suitable for HAZET Assistent



2/3

HAZET
No.

L x W
mm

EAN-No.
4000896+

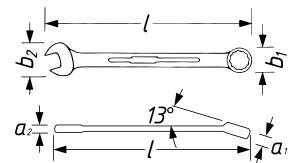
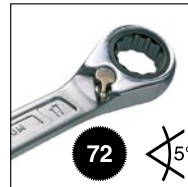
603 • ●
6 • 7 • 8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 • 21 • 22 • 24 • 27
163-99/18 344x342 18 145706

606 Ratcheting combination wrench

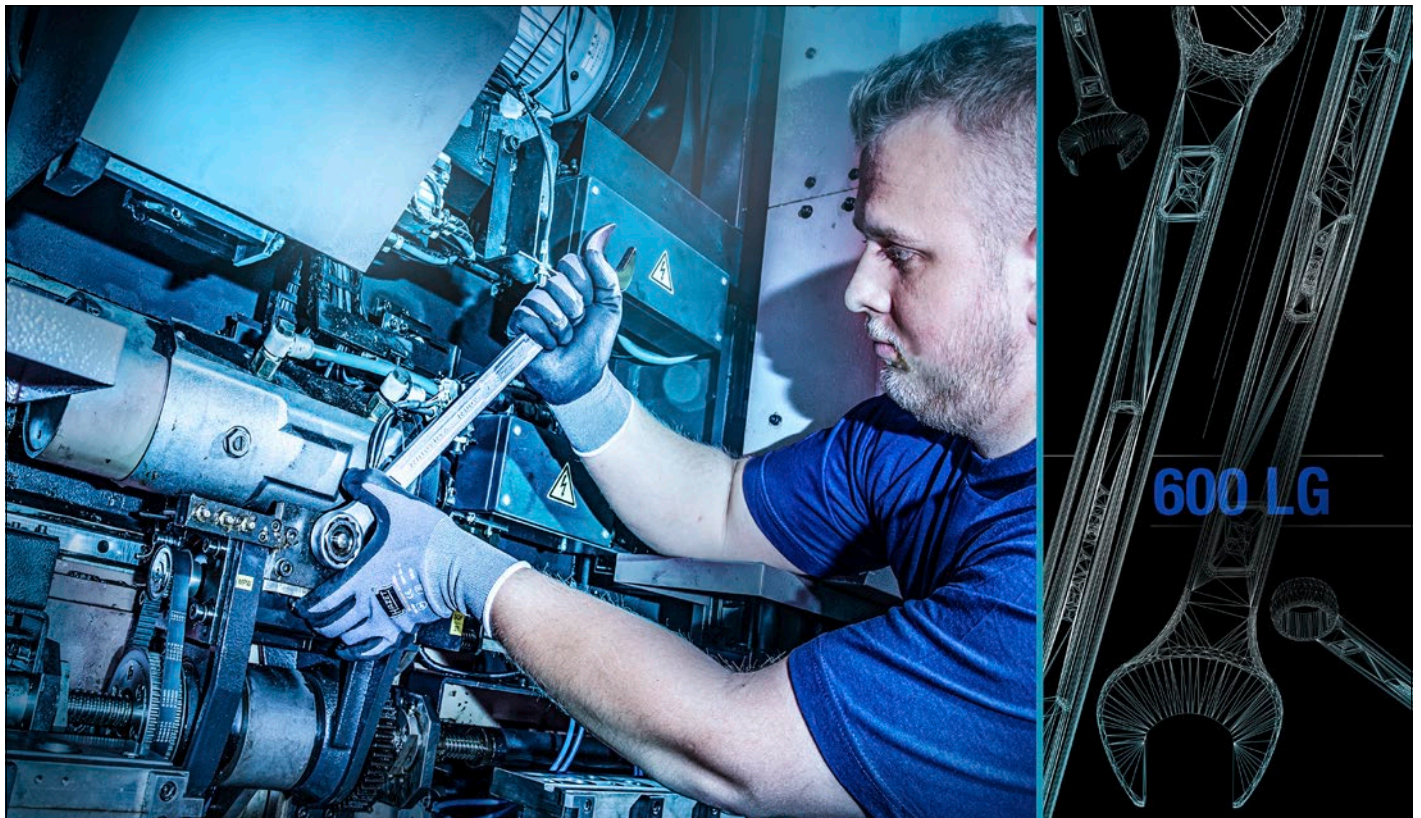
- Operation of screw connections in areas with restricted access, ratchet function enables continuous working



- Long, slim design
- Shank with sturdy HAZET double-T-profile
- Box-end wrench with reversible ratchet
- Fine-tooth, 72 teeth, rotation angle 5°
• 8 and 9 mm: 60 teeth, rotation angle 6°
- Box-end side 13° offset
- Head set at: 15°
- Surface: chrome-plated



HAZET No.	l mm	a ₁ mm	a ₂ mm	b ₁ mm	b ₂ mm	EAN-No. 4000896+
606- 8	129.9	6.8	4.9	16.8	16.7	100941
606- 9	143	7.2	5.2	18.5	18.8	100958
606-10	154.5	7.6	5.6	20.1	20.9	100965
606-11	168.6	8	6	21.7	23	100972
606-12	180.3	8.5	6.4	22.9	25.9	100989
606-13	193.2	8.9	6.7	24.9	27.2	100996
606-14	204.6	9.3	7.1	27.2	29.3	101009
606-15	218	9.7	7.4	28.6	31.3	101016
606-16	230.2	10.2	7.7	30.1	33.4	101023
606-17	242.2	10.6	8.1	32	35.5	101030
606-18	255	11	8.5	32.9	37.6	101047
606-19	268.3	11.5	9.1	34.1	39.7	101054
606-21	291.5	13.3	12	44.3	48.3	151233
606-22	291.5	13.3	12	44.3	48.3	151028
606-24	333.1	14.8	12.5	51.2	53.5	151011
606-27	359.2	15.8	14.7	54.9	60.2	151004
606-30	402.5	17.3	15.2	60.8	67	150991
606-32	425.8	17.8	15.7	64.2	71	150984





606 Ratcheting combination wrench set

- Surface: chrome-plated



HAZET No.		EAN-No. 4000896+
606 •		
21 • 22 • 24 • 27 • 30 • 32		
606/6-1	6	175178

606 N Ratcheting combination wrench set

- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- Surface: chrome-plated



HAZET No.	L x W x H mm		EAN-No. 4000896+
606 •			
8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19			
606 N/12	355x235x65	12	197378
606 •			
8 • 10 • 12 • 13 • 17 • 19			
606 N/6	355x235x65	6	196937

606 Ratcheting combination wrench set

- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



1/3			
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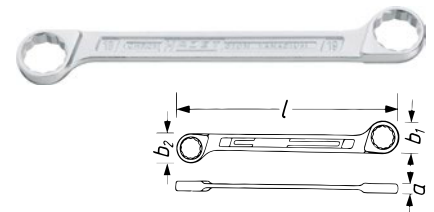
606 Ratcheting combination wrench set

HAZET No.	L x W mm		EAN-No. 4000896+
606 •			
8 • 10 • 12 • 13 • 17 • 19			
163-97/6	342x172	6	145683
Suitable for HAZET Assistant with a drawer depth of 398 mm: 173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180			
606 •			
8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 • 606/4 SPC			
163-515/16	392x172	16	218721
606 •			
8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 • 21 • 22 • 24 • 27 • 30 • 32			
163-366/18	519x342	18	196920

610 N Double box-end wrench

Made in Germany

- Ergonomically shaped, heads offset
- Shank with sturdy HAZET double-T-profile
- Surface: chrome-plated, head polished
- DIN 837 form B, ISO 10103

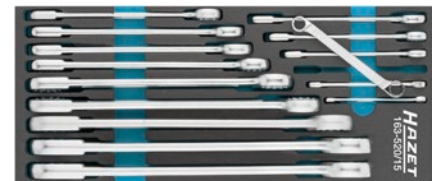


* = Not according to DIN

HAZET No.	l mm	a mm	b ₁ mm	b ₂ mm	EAN-No. 4000896+
610 N- 6x7	97.9	4.5	9.6	11	024940
610 N- 8x9	113.3	5.2	12.3	13.6	024957
610 N-10x11	125.3	6	14.9	16.2	024735
610 N-12x13	139	6.2	17.8	18.9	024742
610 N-14x15	154.5	7	20.2	21.5	024780
610 N-16x17	170	7.5	22.7	24.1	024797
610 N-18x19	188.6	8.5	26	27	024827
610 N-20x22 *	208.8	9	28.4	30.4	024834
610 N-21x22 *	232.3	10	29.8	32.2	024841
610 N-21x23 *	232.3	10	29.8	32.7	024858
610 N-24x26 *	254	11	34.1	37	024872
610 N-25x28 *	280.1	11.5	35.5	39.8	024896
610 N-27x32	308.7	13	38.9	45.4	024902
610 N-30x32	324.1	13	42.7	45.4	024919
610 N-30x34	326.7	14	42.7	48	024926

Made in Germany

- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



1/3			
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HAZET No.	L x W mm	l mm		EAN-No. 4000896+
Suitable for HAZET Assistant with a drawer depth of 398 mm: 173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180				
610 N •				
6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x17 • 18x19 • 20x22 21x22 • 21x23 • 24x26 • 25x28 • 27x32 • 30x32 • 30x34				
163-520/15	392x172	392	15	218677



Hand Tools

Wrenches



610 N Double box-end wrench set

Made in Germany

- Surface: chrome-plated, head polished
- DIN 837 form B, ISO 10103



HAZET No.

EAN-No. 4000896+

610 N • 8

6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x17 • 18x19 • 21x22

610 N/8



8

024995

Made in Germany

- Suitable for wall fixation
- Plastic tool holder
- Surface: chrome-plated, head polished
- DIN 837 form B, ISO 10103



HAZET No.

L x W x H mm

EAN-No. 4000896+

610 N • 8

6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x17 • 18x19 • 21x22

610 N/8 RS

260x110x55

8

025008

• With carrying handle

610 N • 12

6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x17
18x19 • 20x22 • 21x23 • 24x26 • 25x28 • 27x32

610 N/12 RS

340x165x75

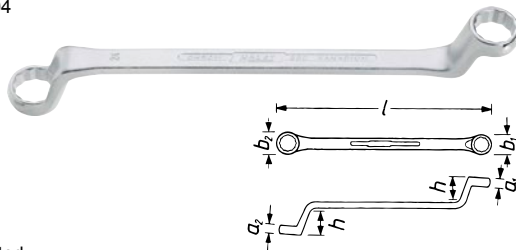
12

024988

630 Double box-end wrench

Made in Germany

- Deep offset
- Heads thin-walled
- Surface: chrome-plated, head polished
- DIN 838, ISO 10104



+ = Matt chrome-plated
* = Not according to DIN

HAZET No.

l mm

h mm

a₁ mm

a₂ mm

b₁ mm

b₂ mm

EAN-No. 4000896+

630- 6x7

165

18

6

6.5

10.5

12.2

026555

630- 8x9

180

20.5

7

7.5

13.1

14.6

026579

630-10x11

200

23.5

8

9

15.6

17.1

026227

630-12x13

220

25

9

9.5

18.4

19.9

026241

630-14x15

240

27

10

10.5

21.4

22.5

026296

630-16x17

255

29

11

11.3

24

25.5

026302

630-17x19

265

29

11.3

11.9

25.5

28.4

026326

630-18x19

265

31

11.6

11.9

26.9

28.4

026333

630 Double box-end wrench

HAZET No.

l mm

h mm

a₁ mm

a₂ mm

b₁ mm

b₂ mm

EAN-No. 4000896+

630-20x22 *

295

32.5

12.2

12.9

29.3

32.2

026364

630-21x22

295

32.5

12.9

12.9

30.7

32.2

026371

630-21x23 *

315

34

12.5

13.2

30.7

33.6

026388

630-24x26 *

330

34

13.5

14.1

35.1

37.1

026401

630-24x27

340

35

13.5

14.4

35.1

38.5

026418

630-25x28 *

350

35

13.8

14.7

36.5

39.9

026432

630-27x32

365

36.5

14.4

16

38.5

45.5

026463

630-30x32

365

36.5

15.4

16

42.7

45.5

026470

630-36x41 +

440

40

17.2

18.8

51.3

58.2

026517

630 Double box-end wrench set

Made in Germany

- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



1/3				
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HAZET No.

L x W mm

l mm



EAN-No. 4000896+

Suitable for HAZET Assistant with a drawer depth of 398 mm:

173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180

630 • 8

6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x17 • 18x19 • 20x22 • 21x23

163-518/9

392x172

392

9

218707

Made in Germany

- Surface: chrome-plated, head polished
- DIN 838, ISO 10104



HAZET No.



EAN-No. 4000896+

630 • 8

6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x17 • 18x19 • 21x22

630/8

8

026654

630 • 12

6x7 • 8x9 • 10x11 • 12x13 • 14x15 • 16x17
18x19 • 20x22 • 21x23 • 24x26 • 25x28 • 27x32

630/12

12

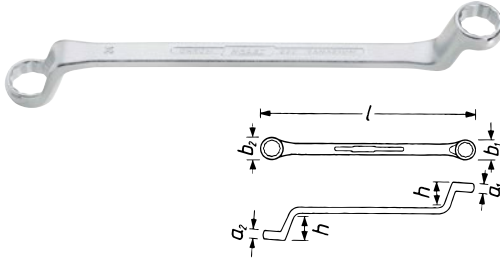
026593



630 A Double box-end wrench

Made in Germany

- Deep offset
- Heads thin-walled
- **American dimensions**
- Surface: chrome-plated, head polished
- ISO 1085

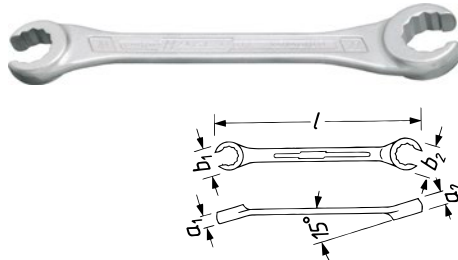


HAZET No.	l mm	h mm	a ₁ mm	a ₂ mm	b ₁ mm	b ₂ mm	EAN-No. 4000896+
630 A- $\frac{1}{4}$ x $\frac{5}{16}$	170	19.5	6.6	7	12.2	13.1	026722
630 A- $\frac{3}{8}$ x $\frac{7}{16}$	200	23.5	8	9	15.6	17.1	026807
630 A- $\frac{1}{2}$ x $\frac{9}{16}$	230	26	9.5	10.5	19.9	22.5	026715
630 A- $\frac{19}{32}$ x $\frac{11}{16}$	255	29	10.8	11.5	22.7	26.5	026753
630 A- $\frac{5}{8}$ x $\frac{3}{4}$	265	29	11	11.9	24	28.4	026821
630 A- $\frac{3}{4}$ x $\frac{7}{8}$	295	32.5	11.9	12.9	28.4	32.2	026791
630 A- $\frac{29}{32}$ x $\frac{13}{16}$	295	32.5	12.2	12.5	29.3	30.2	026777
630 A- $\frac{19}{16}$ x1	330	34	13.5	14.1	35.1	37.1	026746
630 A-1x1.1/8	350	36.5	14.1	15.6	36.3	42.1	026760
630 A-1.1/16x1.1/4	365	36.5	14.8	16.4	39.4	46.5	026692

612 Double box-end wrench · open

Made in Germany

- For tube connections, union nuts and male fittings for pipes
- Heads angled at 15°
- Jaw opening 15° slotted
- Shank with sturdy HAZET double-T-profile
- Note: Wrenches for working on brake lines see HAZET 612 N
- Surface: chrome-plated
- DIN 3118



+ = 612-8x10 to 12x14 with 6-point
 * = 612-13x15 and 16x18 not according to DIN

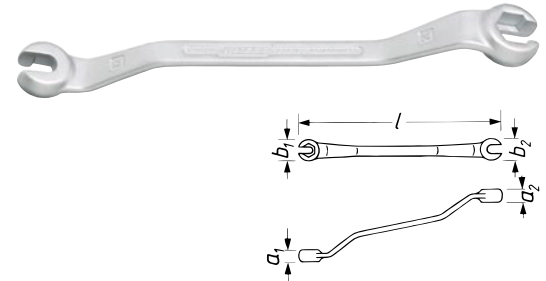
HAZET No.	l mm	a ₁ mm	a ₂ mm	b ₁ mm	b ₂ mm	EAN-No. 4000896+
612- 8x10 +	140	7	8	18	20	025206
612-10x11 +	147	8	8.7	20	22	025091
612-11x13 +	160	8.7	9.8	22	26	025107
612-12x14 +	168	9.2	10.3	24	28	025114
612-13x15 *	182	9.8	10.9	26	29	025121
612-16x18 *	208	12	13.2	30	32	025145
612-17x19	208	12	13.2	30	32	025152
612-19x22	222	13.8	15.8	34.5	40.5	025169
612-24x27	260	16.2	18	42	46	025183
612-30x32	300	21	23	50	52	025190



612 N Double box-end wrench · open

Made in Germany

- For screwed connections on lines
- **Reinforced design**
- Offset design (15° and 40°)
- With 6-point
- Straight slot
- Surface: chrome-plated

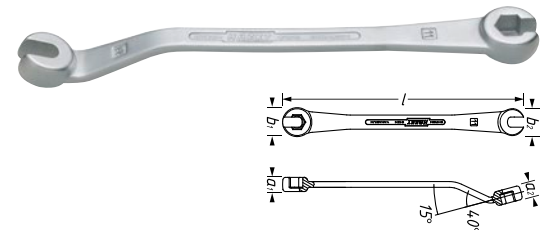


HAZET No.	l mm	a ₁ mm	a ₂ mm	b ₁ mm	b ₂ mm	EAN-No. 4000896+
612 N-10x11	172	11	11	20	21.5	025428
612 N-11x13	185.5	11.5	11.5	21.5	24.5	025435
612 N-12x14	198.5	11.5	11.5	23.2	26	025442

612 N Brake line wrench · open

Made in Germany

- **Reinforced design**
- Straight design for the operation of the brake line / hose fitting at the front axle
- Offset design for the safe operation of the brake line screwing at the wheel brake cylinder, past the circumferential edge of the anchor plate
- Anti-slipping
- Straight slot / with 6-point
- Surface: chrome-plated

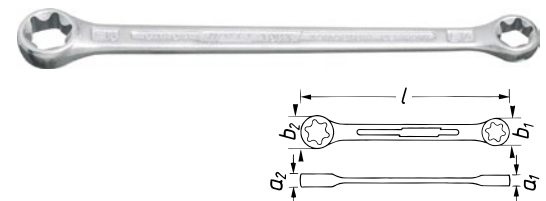


HAZET No.	l mm	a ₁ mm	a ₂ mm	b ₁ mm	b ₂ mm	EAN-No. 4000896+
612 N-11	177.7	11	11	20	21.5	129133

609 TORX® double box-end wrench

Made in Germany

- Straight design
- Surface: chrome-plated, head polished



HAZET No.	l mm	a ₁ mm	a ₂ mm	b ₁ mm	b ₂ mm	⌀ mm	EAN-No. 4000896+
609-E 6xE 8	113	4.8	5.8	10	12	5.74x7.52	024711
609-E 10xE 12	140	6.8	8	13	15	9.42x11.17	024650
609-E 14xE 18	180	7.9	9.5	17	21	12.90x16.70	024674
609-E 20xE 24	224	11	13	24	28	18.49x22.16	024698




Hand Tools

Range of Sockets



Range of Sockets



6.3 1/4"	Socket Sets	128–129
	Operating tools	130–131
	Sockets / Screwdriver Sockets	131–133
	Connectors	133–134
10 3/8"	Socket Sets	134–136
	Operating tools	136–138
	Sockets	138–141
	Screwdriver Sockets	142–143
	Connectors	143–144
	Range of impact tools	144
12.5 1/2"	Socket Sets	145–146
	Operating tools	147–149
	Sockets	149–151
	Screwdriver Sockets	151–155
	Connectors	156–157
	Impact Socket Sets	157
	Impact Sockets	157–161
	Impact screwdriver sockets	161–162
	Impact Adapters	163
20 3/4"	Socket Sets	164
	Operating tools	165
	Sockets / Screwdriver Sockets	165–166
	Connectors	167
	Range of impact tools	167–168
25 1"	Socket Sets	169
	Operating tools	169–170
	Sockets	170
	Connectors	170
	Range of impact tools	170–171
 TORX® Tools		172–173



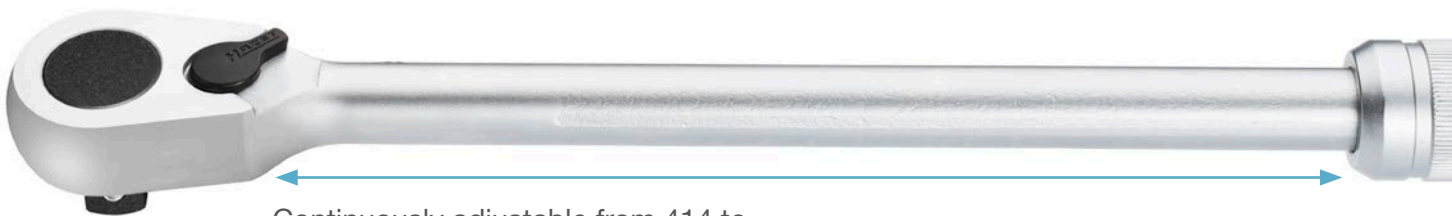
HITPer

HIGH PERFORMANCE

THE ORIGINAL

MADE IN GERMANY

Static AND dynamic –
Double precision in perfection!



1000 Nm
/ max. 614 mm
12⁵/₁₆"

- Continuously adjustable from 414 to 614 mm (without pre-fixed detent points)
- Easy fixation with knurled clamping nut
- Twist protected handle ensures optimum force transmission without slipping



reddot winner 2020

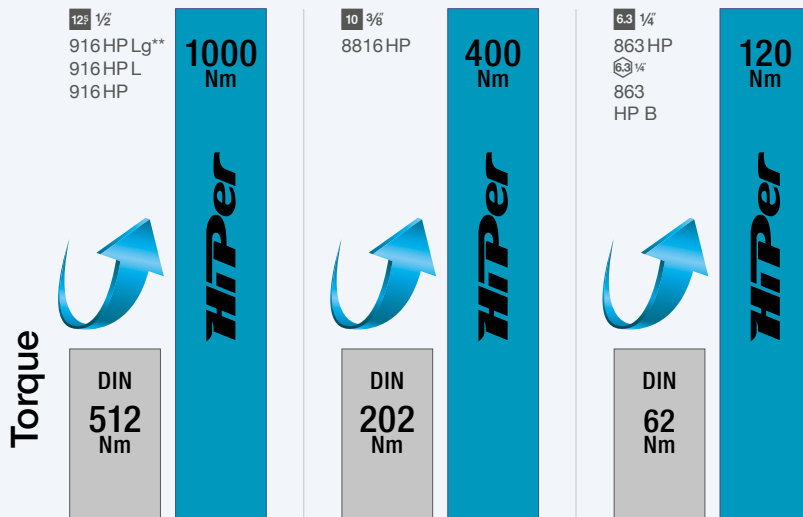


1000 Nm
/ 415 mm
12⁵/₁₆"

Performance comparison

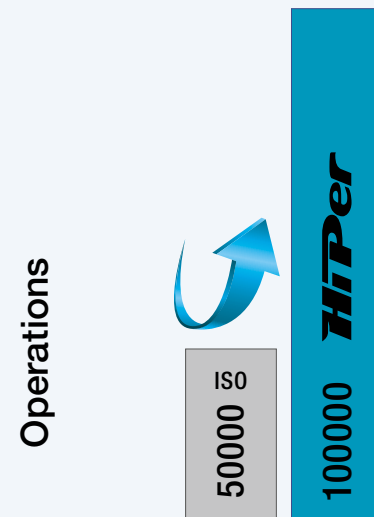
Peak load

DIN 3122:2017-04 (Static load):
12⁵/₁₆" 916HPLg** · 916HPL · 916HP · 10³/₁₆" 8816HP · 8³/₁₆" 863HP
In accordance with DIN 3122:2017-04 8³/₁₆" 863HP B



Durability · Permanent load

ISO 3315:2018-05 (Dynamic load)
12⁵/₁₆" 916HPLg** · 916HPL · 916HP · 10³/₁₆" 8816HP · 8³/₁₆" 863HP
In accordance with ISO 3315:2018-05 8³/₁₆" 863HP B



** Delivered packed together



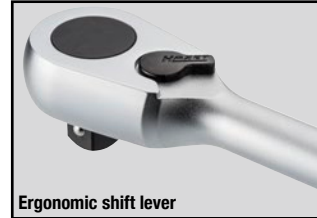
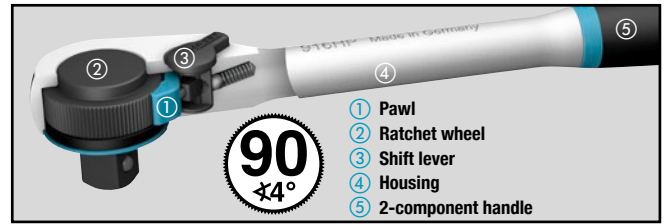
Hand Tools

Range of Sockets



Fine-tooth reversible ratchets

- Developed and produced "Made in Germany"
- Peak load:
- $125 \frac{1}{2}$ 1000 Nm $10 \frac{3}{8}$ 400 Nm $6.3 \frac{1}{4}$ 120 Nm
- High permanent load for durability
- 90 teeth, 4° operating angle for restricted spaces
- Locking function of the lever prevents unwanted switch
- A lot more performance with the same dimensions
- Strict production tolerances prevent dirt from getting in



1000 Nm
/ 275 mm
 $125 \frac{1}{2}$



400 Nm
/ 200 mm
 $10 \frac{3}{8}$



120 Nm
/ 116 mm
 $6.3 \frac{1}{4}$



120 Nm
/ 116 mm
 $6.3 \frac{1}{4}$

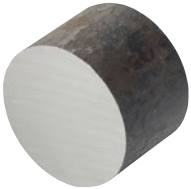




Manufacturing process for HAZET sockets – The tool for tough applications

Job well done – by HAZET

Socket



①

Material section sawn from round bar steel



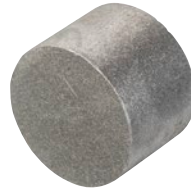
②

Blank outside ground to size



③

Blank metallurgically heat-treated



④

Blank sand-blasted



⑤

Cold extrusion, inside profile produced ready, outside profile adjusted



⑥

Mechanically worked, turned, drilled, inner groove milled, knurled and inscribed



⑦

Coated = hardened and tempered



⑧

Surface worked, sand-blasted



⑨

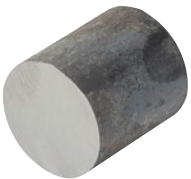
Outside surface partially ground



⑩

Nickel-plated and chrome-plated

Screwdriver socket



①

Material section sawn from round bar steel



②

Blank outside ground to size



③

Blank metallurgically heat-treated



④

Blank sand-blasted



⑤

Cold extrusion, inside profile produced ready, outside profile adjusted



⑥

Mechanically worked, turned, drilled, inner groove milled, knurled and inscribed



⑦

Coated = hardened and tempered



⑧

Surface worked, sand-blasted



⑨

Nickel-plated and chrome-plated



⑩

Blade pressed in

Advantages of cold compression moulding

- High degree of dimensional accuracy
- High surface quality



Hand Tools

Range of Sockets



Manufacturing process of a HAZET reversible ratchet



①

Splitter



②

Forging



③

Deburring



④

Turning



⑤

Processing
hardening and
tempering



⑥

Chrome-plating



⑦

Ratchet wheel
installation



⑧

Cover plate
installation



⑨

Retaining ring
installation



⑩

Handle
installation



Key:

- ① Pawl
- ② Spring sleeve
- ③ Shift lever
- ④ Ball
- ⑤ Compression spring
- ⑥ Ratchet wheel
- ⑦ Cover plate
- ⑧ Circlip



At a glance

The HAZET reversible ratchet range

		6.3 1/4"	10 3/8"	12.5 1/2"	20 3/4"	25 1"	6.3 1/4"	8 5/16"
	Fine-tooth	863 HP 90 teeth l 116 mm	8816 HP 90 teeth l 200 mm	916 HP 90 teeth l 275 mm			863 HP B 90 teeth l 116 mm	
	Standard	863 P 20 teeth l 115 mm	8816 P 30 teeth l 199 mm	916 SP 32 teeth l 275 mm	1016/2 32 teeth l 620 mm	1116/2 32 teeth l 824 mm		2264-1 30 teeth l 200 mm
	With hinge		8816 G 30 teeth l 276 mm	916 GL 32 teeth l 511 mm				
	Short, with hinge		8816 GK 30 teeth l 218 mm	916 GK 32 teeth l 270 mm				
	Short			916 K 32 teeth l 199 mm				
	Solid steel						863 M Bit 20 teeth l 89 mm	
	Long, fine-tooth			916 HP L 90 teeth l 415 mm				
	Long, extendable, fine-tooth			916 HP Lg 90 teeth l 414-614 mm				



The HAZET sockets

	Design		6.3 1/4"	10 3/8"	12.5 1/2"	20 3/4"	25 1"
Sockets for manual operation							
	Hexagon profile		850 (A) 3 - 14 (9/16 - 9/16)	880 6 - 22	900 8 - 36	1000 19 - 60	
	12-point profile			880 Z 9 - 22 (1/4 - 15/16)	900 Z 8 - 36 (9/8 - 1.1/4)	1000 Z 22 - 55 (7/8 - 2)	1100 Z 32 - 80
	Hexagon profile, long		850 Lg 4 - 13	880 Lg 8 - 22	900 Lg 10 - 32		
	12-point profile, long		850 TZ 8	880 TZ 9 - 22	900 TZ 10 - 30		
	With hinge, Hexagon profile			880 G 10 - 19			
	With hinge, 12-point profile			880 G-Z 16 - 18			
	Outside TORX ® profile		850-E E 4 - E 12	880 E E 5 - E 14	900 E E 10 - E 24		
	Outside TORX ® profile, long			880 Lg-E E 8 - E 14			
	With hinge, Outside TORX ® profile		850 Lg-G E 10	880 G E 8 - E 14			
Screwdriver sockets for manual operation							
	Slot profile		8503 3,5 - 10		980 13 - 19		
	Slot profile, long			8803 5,5 - 10			
	Cross recess profile PH (Phillips)		8506 PH 1 - PH 4				
	Cross recess profile PH (Phillips), long			8806 PH 1 - PH 4			
	Cross recess profile PZ (Pozidriv)		8507 PZ 1 - PZ 3				
	Inside hexagon profile		8501 2,5 - 8	8801 3 - 10	985 5 - 22 986 4 - 22 (9/32 - 1/2) 2584	1010 14 - 22 2784	
	Inside hexagon profile, long			8801 3 - 12 (1/8 - 3/8)	986 (S) L 4 - 14 2584-1	2784 14	
	Inside hexagon profile, long, ball-head		8501 KK 4	8801 KK 5 - 10	986 KK 5 - 12 2527-8		



	Design		6.3 1/4"	10 3/8"	12.5 1/2"	20 3/4"	25 1"
Screwdriver sockets for manual operation							
	Inside TORX ® profile		8502 T 8 – T 40	8802 T 15 – T 50	992 T 20 – T 60	1012 T 60 – T 100	
	Inside TORX ® profile, long				992 (S) Lg T 30 – T 70		
	Tamper TORX ® profile				992 T 30 H – T 55 H		
	RIBE CV profile				991 5 – 16		
	Internal serration profile (XZN)			8808 5 – 10	990 5 – 18		
	Internal serration profile (XZN), long			8808 Lg 6 – 10	990 Lg 6 – 14 2751		
Adapters for manual operation							
	Adapter (amplifier)	6.3 1/4"		8858-2			
	Adapter (reducer and amplifier)	10 3/8"	858-1		958-2		
	Adapter (reducer and amplifier)	12.5 1/2"		8858-1		1058-2	
	Adapter (reducer and amplifier)	20 3/4"			958-1		1158-2
	Adapter (reducer)	25 1"				1058-1	
	Adapters for bits		2250-1	2250-2 2250-3	2250-4 2250-5		
	Universal joint		869	8820	920	1021	1121
Sockets for impact operation							
	Hexagon profile for impact operation				900 S 13 – 32	1000 S 19 – 36	1100 S 24 – 60
	Hexagon profile, long, for impact operation				900 S Lg 13 – 27	1000 S Lg 24 – 36	1100 S Lg 24 – 46
	Hexagon profile, long, extra slim for impact operation				901 S Lg 902 S Lg 15 – 21		
	Hexagon profile, extra long, for impact operation					1004 S 32	1104 S 32



Hand Tools

Range of Sockets



	Design		6.3 1/4"	10 3/8"	12.5 1/2"	20 3/4"	25 1"
Sockets for impact operation							
	12-point profile for impact operation				900 S 12 - 36 900 SZ 6-19-36 3047-36		
	Outside TORX ® profile, for impact operation			880 S-E 10 - 12	900 S-E10 - 24		
	Outside TORX ® profile, long, for impact operation					2850-E 20, 24	
Screwdriver sockets for impact operation							
	Inside hexagon profile, for impact operation				985 S 14 - 24		
	Inside hexagon profile, long, for impact operation				985 S Lg 14 - 19		
	Internal serration profile (XZN), for impact operation				990 S 14 - 18		
	Internal serration profile (XZN), long, for impact operation				990 S Lg 14 - 18		
	Inside TORX ® profile, for impact operation				995 S T 30 - T 60		
Adapters for impact operation							
	Universal joint, for impact operation				9006 S	1006 S	1106 S
	Reducer, for impact operation			8807 S	9007 S	1007 S-1	1107 S
	Amplifier, for impact operation			8807 S-1	9007 S-1	1007 S-2	
	Adapter, for impact operation		8508 S-1	8808 S-1			
	Adapter, for impact operation		2304 2238-1 8508 S-3 4				
	Adapter, for impact operation				2311		
	Adapter, for impact operation					1003 S-1	



6.3 1/4" Range of sockets

853 Socket set

- SmartCase (1/9) 165-S
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



HiPer
HIGH PERFORMANCE
THE ORIGINAL
MADE IN GERMANY

HAZET
SMART
case



1/9			
-----	--	--	--

850 • •
5.5 • 6 • 7 • 8 • 9
10 • 11 • 12 • 13 • 14

863 HP • •

866 U • •

867-2 • • •

867-4 • • •

2204 • •
3 • 4 • 5 • 6 • 7

2208 • •
0.6x4.5 • 1.2x6.5 • 1.2x8

2215 • •
PH 1 • PH 2 • PH 3

2216 • • •
PZ 1 • PZ 2 • PZ 3

2223 • • •
T 10 H • T 15 H • T 20 H
T 25 H • T 27 H • T 30 H
T 40 H

2250-1 • • •

HAZET No.	L x W x H mm		EAN-No. 4000896+
853-1	185x153x52	36	154654

854 Socket set

MADE IN GERMANY

- Screwdriver sockets, CVD-Titanium Nitride (TIN) coated
- SmartCase (1/9) 165-S
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



HAZET
SMART
case



1/9			
-----	--	--	--

HiPer
HIGH PERFORMANCE
THE ORIGINAL
MADE IN GERMANY

850 • •
4 • 5 • 6 • 7 • 8 • 9
10 • 11 • 12 • 13 • 14

8501 • •
3 • 4 • 5 • 6 • 8

8503 • •
0.6x3.5 • 0.8x4
1x5.5 • 1.2x8

8506 • •
PH 1 • PH 2 • PH 3 • PH 4

8507 • •
PZ 1 • PZ 2 • PZ 3

863 HP • •

865 • •

866 U • •

867-2 • • •

868 • • •

869 • • •

HAZET No.	L x W x H mm		EAN-No. 4000896+
854-1	185x153x52	33	038343

854 Socket set

MADE IN GERMANY

- Screwdriver sockets, CVD-Titanium Nitride (TIN) coated
- SmartCase (1/9) 165-S
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



HAZET
SMART
case



1/9			
-----	--	--	--

HiPer
HIGH PERFORMANCE
THE ORIGINAL
MADE IN GERMANY

850 • •
4 • 5 • 5.5 • 6
7 • 8 • 9 • 10
11 • 12 • 13 • 14

8501 • •
3 • 4 • 5 • 6 • 8

8503 • •
0.6x3.5 • 1x5.5 • 1.2x8

8506 • •
PH 1 • PH 2

8507 • •
PZ 1 • PZ 2

863 HP • •

865 • •

866 U • •

867-2 • • •

868 • • •

869 • • •

HAZET No.	L x W x H mm		EAN-No. 4000896+
854	185x153x52	30	038336

854 T Socket set

MADE IN GERMANY

- Screwdriver sockets, CVD-Titanium Nitride (TIN) coated
- SmartCase (1/9) 165-S
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



HAZET
SMART
case



1/9			
-----	--	--	--

HiPer
HIGH PERFORMANCE
THE ORIGINAL
MADE IN GERMANY

850 • •
5 • 5.5 • 6 • 7
8 • 9 • 10 • 11
12 • 13 • 14

850 E • •
E 5 • E 6 • E 7 • E 8 • E 10

8501 • •
3 • 4 • 5 • 6

8502 • •
T 10 • T 15 • T 20
T 25 • T 30

8503 • •
1x5.5

8506 • •
PH 2

863 HP • •

866 U • •

867-2 • • •

868 • • •

869 • • •

871-4 • • •

HAZET No.	L x W x H mm		EAN-No. 4000896+
854 T	185x153x52	33	109579



Hand Tools

6.3 1/4 Range of sockets



855 Socket set

Made in Germany

- Long and short style sockets
- Screwdriver sockets, CVD-Titanium Nitride (TIN) coated
- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



HiPer
HIGH PERFORMANCE
THE ORIGINAL
MADE IN GERMANY



1/3			
-----	--	--	--

- 850 • 6.3 1/4
4 • 4.5 • 5 • 6
7 • 8 • 9 • 10
11 • 12 • 13

- 8501 • 6.3 1/4
3 • 4 • 5
- 8502 • 6.3 1/4
T 10 • T 15 • T 20
T 25 • T 30

- 863 HP • 6.3 1/4

- 866 U • 6.3 1/4

- 850 LG • 6.3 1/4
5 • 6 • 7 • 8 • 9
10 • 11 • 12 • 13

- 8503 • 6.3 1/4
1 x 5.5

- 867-2 • 6.3 1/4 • 6.3 1/4

- 867-4 • 6.3 1/4 • 6.3 1/4

- 850 E • 6.3 1/4
E 5 • E 6 • E 7 • E 8 • E 10

- 8506 • 6.3 1/4
PH 2

- 869 • 6.3 1/4 • 6.3 1/4

HAZET No.	L x W x H mm		EAN-No. 4000896+
855-1	355x235x65	40	115983

2200 Socket set

- SmartCase (1/9) 165-S
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



HiPer
HIGH PERFORMANCE
THE ORIGINAL
MADE IN GERMANY



1/9			
-----	--	--	--

- 850 • 6.3 1/4
5 • 5.5 • 6 • 7
8 • 9 • 10 • 11
12 • 13 • 14

- 2215 • 6.3 1/4
PH 1 • PH 2

- 2239-3 • 6.3 1/4 • 6.3 1/4

- 2204 • 6.3 1/4
2 • 2.5 • 3 • 4 • 5 • 6 • 8

- 2216 • 6.3 1/4
PZ 1 • PZ 2
- 2223 • 6.3 1/4
T 10 H • T 15 H • T 20 H
T 25 H • T 30 H • T 40 H

- 863 HP B • 6.3 1/4

- 2208 • 6.3 1/4
0.5 x 4 • 0.6 x 4.5
1.2 x 6.5 • 0.8 x 5.5

- 2238-1 • 6.3 1/4 • 6.3 1/4

- 2304 • 6.3 1/4 • 6.3 1/4

HAZET No.	L x W x H mm		EAN-No. 4000896+
2200/36	185x153x52	36	063734

856 Socket set

- Ergonomic design
- Easy handling, operating tools are ready to hand when needed
- SmartCase (52x98x180 mm)



- 850 • 6.3 1/4
5.5 • 6 • 7 • 8 • 9
10 • 11 • 12 • 13 • 14

- 869 • 6.3 1/4 • 6.3 1/4

- 2216 • 6.3 1/4
PZ 1 • PZ 2 • PZ 3

- 863 P • 6.3 1/4

- 2204 • 6.3 1/4
3 • 4 • 5 • 6 • 7

- 2223 • 6.3 1/4
T 10 H • T 15 H • T 20 H
T 25 H • T 27 H • T 30 H
T 40 H

- 866 U • 6.3 1/4

- 2208 • 6.3 1/4
0.6 x 4.5 • 1.2 x 6.5 • 1.2 x 8

- 2250-1 • 6.3 1/4 • 6.3 1/4

- 867-2 • 6.3 1/4 • 6.3 1/4

- 2215 • 6.3 1/4
PH 1 • PH 2 • PH 3

- 2304 • 6.3 1/4 • 6.3 1/4

- 867-4 • 6.3 1/4 • 6.3 1/4

HAZET No.	L x W x H mm		EAN-No. 4000896+
856-1	180x98x52	38	164813

863-Bit Bit set

- With solid reversible ratchet 863 MBit



HiPer
HIGH PERFORMANCE
THE ORIGINAL
MADE IN GERMANY



- 850 • 6.3 1/4
5 • 5.5 • 6 • 7
8 • 9 • 10 • 11
12 • 13 • 14

- 2215 • 6.3 1/4
PH 1 • PH 2

- 2239-3 • 6.3 1/4 • 6.3 1/4

- 863 M Bit • 6.3 1/4

- 2215 • 6.3 1/4
PH 1 • PH 2 • PH 3

- 2204 • 6.3 1/4
3 • 4 • 5 • 6

- 2216 • 6.3 1/4
PZ 1 • PZ 2 • PZ 3

- 2223 • 6.3 1/4
T 10 H • T 15 H • T 20 H
T 25 H • T 27 H • T 30 H
T 40 H

- 2208 • 6.3 1/4
0.6 x 4.5 • 0.8 x 5.5 • 1 x 6

- 2223 • 6.3 1/4
T 10 • T 15 • T 20 • T 25
T 27 • T 30 • T 40

- 2239-6 • 6.3 1/4 • 6.3 1/4

HAZET No.	L x W x H mm		EAN-No. 4000896+
863 M Bit/33	125x87x38	33	196951



850 HL Socket rail

- Easy installation: 2 bore holes, e.g. for wall fixation
- Holding clamps adapted to the drive size
- Empty, with 16 retaining clamps
- Equipping with sockets of 850 series

6.3 1/4"



HAZET No.	l mm	EAN-No. 4000896+
850 HL	430	037575

863 Reversible ratchet · fine-tooth

Made in Germany

6.3 1/4"

- A lot more power than with ratchets with the same dimensions

- Engaging function of the shift lever provides protection against unwanted switching
- Longer lifetime by using the latest lubricants in the ratchet mechanism
- Close manufacturing tolerances prevent dirt from getting in
- HAZET internal quality standards guarantee a loading capacity far beyond standard requirements
- Chrome-plated surface: high-quality, easy to clean, corrosion-resistant
- Integrated hanging option in the handle
- VPA tested, static torque according to DIN 3122: 120 Nm (DIN: 62 Nm)
- Number of teeth: 90
- Opening angle: 4°
- With locking ball
- HAZET 2-component handle
- Surface: chrome-plated
- DIN 3122, ISO 3315



HiPer
HIGH PERFORMANCE
THE ORIGINAL
MADE IN GERMANY



HAZET No.	l mm	EAN-No. 4000896+
863 HP	116	226917

863 Reversible ratchet

Made in Germany

6.3 1/4"

- Number of teeth: 20
- Opening angle: 18°
- With locking ball
- HAZET 2-component handle
- Surface: chrome-plated, head polished
- DIN 3122, ISO 3315



863 Reversible ratchet

6.3 1/4"

HAZET No.	l mm	EAN-No. 4000896+
863 P	115	038558

863-Bit Reversible ratchet · solid steel · for bits

Made in Germany

6.3 1/4"

- 89 mm short style

- Sturdy design in short, slim form
- Ergonomic finger support on the end of the handle
- Number of teeth: 20
- Opening angle: 18°
- Angled at 15° to reduce risk of entrapment
- With locking spring to securely hold the bits
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
863 M Bit	89	196111

863-Bit Reversible ratchet for screwdriver bits · fine-tooth

Made in Germany

6.3 1/4"

- A lot more power than with ratchets with the same dimensions

- Engaging function of the shift lever provides protection against unwanted switching
- Longer lifetime by using the latest lubricants in the ratchet mechanism
- Close manufacturing tolerances prevent dirt from getting in
- HAZET internal quality standards guarantee a loading capacity far beyond standard requirements
- Chrome-plated surface: high-quality, easy to clean, corrosion-resistant
- Integrated hanging option in the handle
- VPA tested, static torque according to DIN 3122: 120 Nm (DIN: 62 Nm)
- Number of teeth: 90
- Opening angle: 4°
- With locking spring to securely hold the bits
- HAZET 2-component handle
- Surface: chrome-plated



HiPer
HIGH PERFORMANCE
THE ORIGINAL
MADE IN GERMANY



HAZET No.	l mm	EAN-No. 4000896+
863 HP B	116	235346



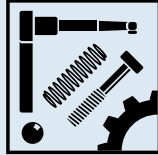
Hand Tools

6.3 1/4" Range of sockets



Wear? – No problem!

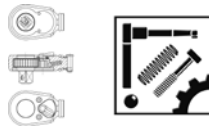
- HAZET tools are manufactured to the **highest quality**. During long intensive loading there is a certain level of wear even for high-quality tools.
- For this reason, there are spare parts and replacement sets available for many of our tools.



Cost-saving – Sustainable – Resource-saving!
For long-term pleasure with your HAZET tools

863 Replacement set

Made in Germany



HAZET No.	l mm	EAN-No. 4000896+
Replacement set 6.3 = 1/4" ■ consisting of: pawl, compression spring, ball, spring sleeve, shift lever, cover disc, circlip, ratchet wheel, grease, assembly tool For 863 HP reversible ratchet		
863 HP/11	234875	
• Replacement set for shift lever consisting of: shift lever · pawl · screws · ball · compression spring For HAZET reversible ratchet 863 K · 863 · 863 G · 863 P · 863 PC · 863 Q · 863 S · 863 ST · 863 BGL · 863 BKC · 863 BK · 863 MC · 863 Mbit · 2264		
863 P/6	144600	
• Replacement set for ratchet wheel 6.3 = 1/4" ■ consisting of: ratchet wheel · pawl · shift lever · screws · ball · compression spring For HAZET reversible ratchet 863 G · 863 P · 863 PC · 863 ST · 863 K · 863 MC		
863 P/7 N	038596	
• Replacement set for ratchet wheel 6.3 = 1/4" ■ consisting of: ratchet wheel with quick-release press-button · pawl · switch lever · screws · ball · compression spring For HAZET reversible ratchet 863 Q · 863 S as well as for refitting HAZET reversible ratchet 863 P · 863 PC · 863 G · 863 ST · 863 K · 863 MC		
863 S/7	048472	
• Replacement set for ratchet wheel ○ 6.3 = 1/4" consisting of: ratchet wheel · pawl · shift lever · screws · ball · compression spring For HAZET reversible ratchet 863 BGL · 863 BKC · 863 BK · 863 Mbit · 2264		
2264/7	015917	

866 U Spin type speeder

Made in Germany

- With locking ball
- HAZET 2-component handle
- Surface: matt chrome-plated
- DIN 3122, ISO 3315



6.3 1/4"

HAZET No.	l mm	EAN-No. 4000896+
866 U	134	056453

865 Sliding T-handle

Made in Germany

- With locking ball
- Surface: chrome-plated, polished
- DIN 3122, ISO 3315



6.3 1/4"

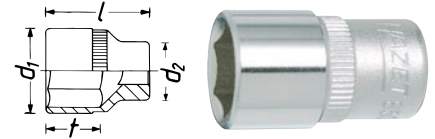
HAZET No.	l mm	EAN-No. 4000896+
865	115	038718

850 Socket · 6-point

Made in Germany

- With knurling
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1

6.3 1/4"



850-3 not according to DIN

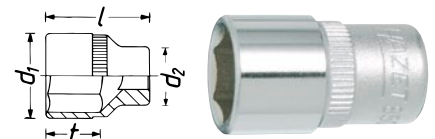
HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
850- 3	25	6.2	11	3.2	057221
850- 4	25	6.8	11	3.7	036370
850- 4.5	25	7.4	11	4.2	036387
850- 5	25	8.1	11	4.1	036400
850- 5.5	25	8.7	11	4.6	036417
850- 6	25	9.3	11	5.1	036479
850- 7	25	10.9	11.5	5.5	036516
850- 8	25	12.1	12.5	6.5	036547
850- 9	25	13.4	12.5	7.5	036585
850-10	25	14.6	12.5	7.3	036202
850-11	25	15.5	14	8.3	036240
850-12	25	17	15	9.3	036271
850-13	25	18	15	9.3	036301
850-14	25	19.5	16	10.8	036349

850 A Socket · 6-point

Made in Germany

- American dimensions
- With knurling
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1

6.3 1/4"



HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
850 A-3/16	25	8	11	4.2	037490
850 A-7/32	25	8.5	11	4.6	037537
850 A-1/4	25	9.5	11	5.1	037476
850 A-9/32	25	10.5	11.5	5.6	037551
850 A-5/16	25	11.5	12.5	6.3	037513
850 A-11/32	25	13	11.5	7.3	037483
850 A-3/8	25	14	12.5	7.3	037506
850 A-7/16	25	15.5	14	8.3	037520
850 A-1/2	25	18	15	9.3	037469
850 A-9/16	25	19.5	16	10.8	037544

850 LG Socket · 6-point

Made in Germany

- Long design
- With knurling
- Surface: chrome-plated
- DIN 3124

6.3 1/4"



HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
850 Lg- 4	50	6.9	11	4	037643
850 Lg- 5	50	8.2	11	4.2	037650
850 Lg- 5.5	50	8.8	11	5	037667
850 Lg- 6	50	9.4	11	5.5	037674
850 Lg- 7	50	11	11	6	037681
850 Lg- 8	50	12	12	8	037698
850 Lg- 9	50	13	13	8	037704
850 Lg-10	50	14.5	14.5	9.2	037599
850 Lg-11	50	15.5	15.5	10.7	037605
850 Lg-12	50	17	17	12.2	037612
850 Lg-13	50	18	18	12.2	037629

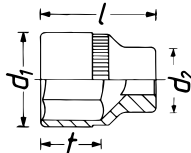


850 TZ Socket · 12-point

Made in Germany

• Operation of the screws at the timing chain cover on e.g. VW 1.2 TSI engines

- Long design
- With knurling
- Surface: chrome-plated
- DIN 3124, ISO 2725-1

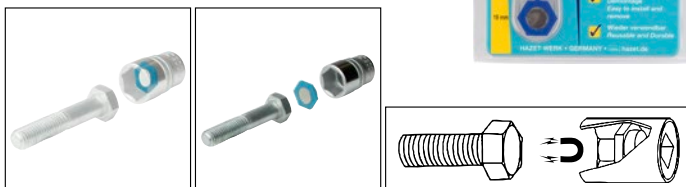


HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
850 TZ-8	50	12.2	12.2	8	177646

960 MGT Magnetic socket insert

• Universal application in metric 6-point and 12-point sockets, sizes ≤ 10 up to 19 mm

- Sockets made of plastic with integrated magnet
- Powerful retention force
- Reusable
- 10-piece set, for metric sockets $\leq 10 \cdot 11 \cdot 12 \cdot 13 \cdot 14 \cdot 15 \cdot 16 \cdot 17 \cdot 18 \cdot 19$ mm
- DIN 3124, ISO 2725-1

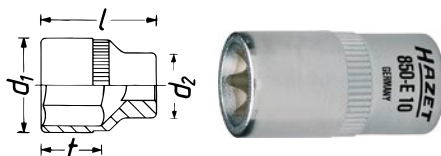


HAZET No.	EAN-No. 4000896+
960 MGT	097661

850 E TORX® socket

Made in Germany

- With knurling
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1

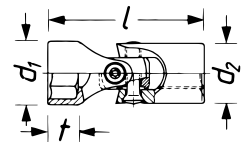


HAZET No.	l mm	d ₁ mm	d ₂ mm	mm	EAN-No. 4000896+
850-E 4	25	5.6	11	3.86	036653
850-E 5	25	6.7	11	4.75	036684
850-E 6	25	8	11	5.74	036714
850-E 7	25	9.6	11	6.22	036745
850-E 8	25	10.5	11.5	7.52	036776
850-E 10	25	13	12	9.42	036615
850-E 11	25	14	12.5	10.08	036646
850-E 12	25	14.9	12.5	11.17	188598

850 LG-GE TORX® socket

Made in Germany

- Use and extension permanently connected
- With hinge – for working in areas with restricted access and for getting around obstructive edges
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1

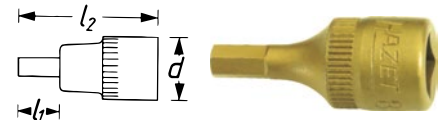


HAZET No.	l mm	d ₁ mm	d ₂ mm	mm	EAN-No. 4000896+
850 Lg-GE 10	150	12	13.5	9.42	223572

8501 Screwdriver socket

Made in Germany

- Surface: **TiN**
- DIN 7422



HAZET No.	S mm	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
8501-2.5	2.5	6.5	28	12	036837
8501-3	3	6.5	28	12	036851
8501-4	4	6.5	28	12	036875
8501-5	5	6.5	28	12	036899
8501-6	6	6.5	28	12	036912
8501-7	7	6.5	28	12	210398
8501-8	8	6.5	28	12	036936

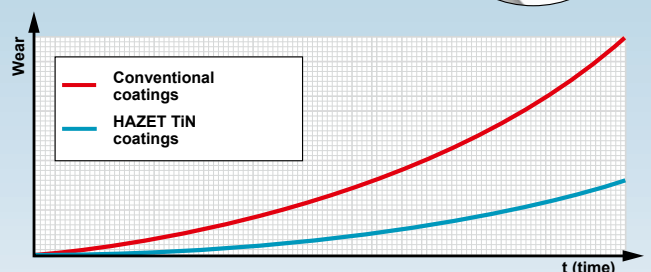
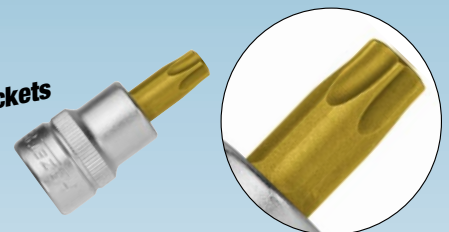
TiN coating



Why choose TiN (Titanium Nitride) coating?

- A special coating process for extremely hard TiN coating guarantees high adhesive strength and wear resistance of the coating
- Particularly suitable for continuous load, e. g. for industrial applications in industry and trade
- Higher wear protection guarantees a longer lifetime
- Perfect fitting accuracy due to optimum coating thickness
- Higher torque
- Optimized corrosion protection

TiN-coated screwdriver sockets





Hand Tools

6.3 1/4" Range of sockets

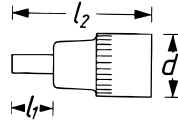


8501 KK Screwdriver socket

Made in Germany

- Long design
- With ball-head
- DIN 3124, ISO 2725-1

6.3 1/4"



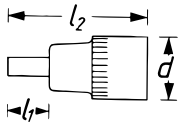
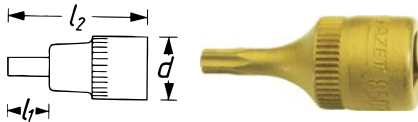
HAZET No.	S mm	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
8501 KK-4	4	60	80	12	157839

8502 Screwdriver socket TORX®

Made in Germany

- With knurling
- Surface:
- DIN 3124, ISO 2725-1

TIN 6.3 1/4"



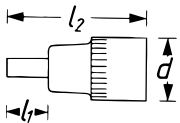
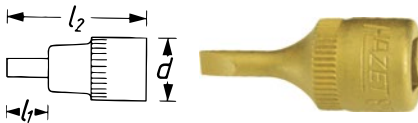
HAZET No.	l ₁ mm	l ₂ mm	d mm	⌀ mm	EAN-No. 4000896+
8502-T 8	3.5	28	12	2.31	037124
8502-T 9	3.5	28	12	2.50	037148
8502-T 10	3.8	28	12	2.74	036967
8502-T 15	4	28	12	3.27	036981
8502-T 20	4	28	12	3.86	037001
8502-T 25	4.5	28	12	4.43	037025
8502-T 27	4.5	28	12	4.99	037049
8502-T 30	5	28	12	5.52	037063
8502-T 40	2	28	12	6.65	037100

8503 Screwdriver socket

Made in Germany

- With knurling
- Surface:
- Tip according to ISO 8764-1, DIN 3124, ISO 2725-1

TIN 6.3 1/4"



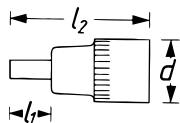
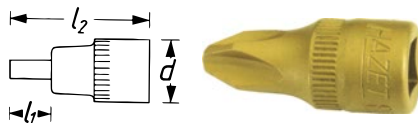
HAZET No.	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
8503-0.6x3.5	16	28	12	037162
8503-0.8x4	16	28	12	037186
8503-1x5.5	16	28	12	037247
8503-1.2x8	16	28	12	037209
8503-1.6x10	16	28	12	037223

8506 Screwdriver socket

Made in Germany

- With knurling
- Surface:
- Tip according to ISO 8764-1, DIN 3124, ISO 2725-1

TIN 6.3 1/4"



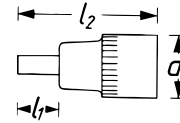
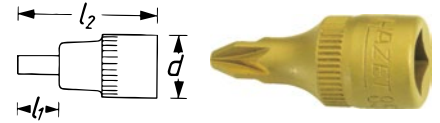
HAZET No.	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
8506-PH 1	16	28	12	037285
8506-PH 2	16	28	12	037308
8506-PH 3	16	28	12	037322
8506-PH 4	16	28	12	037346

8507 Screwdriver socket

Made in Germany

- With knurling
- Surface:
- Tip according to ISO 8764-1, DIN 3124, ISO 2725-1

TIN 6.3 1/4"



HAZET No.	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
8507-PZ 1	16	28	12	037360
8507-PZ 2	16	28	12	037377
8507-PZ 3	16	28	12	037384

858 Adapter

Made in Germany

- With locking ball
- Surface: chrome-plated
- DIN 3123, ISO 3316

10 3/8" 6.3 1/4"



HAZET No.	l mm	EAN-No. 4000896+
858-1	26.5	038480

2250 Adapter

Made in Germany

- For manual operation
- Inside square and inside hexagon sockets
- Clamping ball for bits
- Surface: chrome-plated

6.3 1/4" 6.3 1/4"



HAZET No.	l mm	EAN-No. 4000896+
2250-1	23.5	015443

869 Universal joint

Made in Germany

- With hinge – for working in areas with restricted access and for getting around obstructive edges
- With locking ball
- Surface: chrome-plated
- DIN 3123, ISO 3316

6.3 1/4" 6.3 1/4"



HAZET No.	l mm	EAN-No. 4000896+
869	36.5	038824

867 Extension

Made in Germany

- With locking ball
- Surface: chrome-plated, polished
- DIN 3123, ISO 3316

6.3 1/4" 6.3 1/4"



HAZET No.	l mm	EAN-No. 4000896+
867-1	25	038732
867-2	55	038749
867-4	101.5	038770



868 Extension

Made in Germany

- With locking ball
- Surface: chrome-plated, polished
- DIN 3123, ISO 3316

6.3 1/4" 6.3 1/4"



868-16 Length not according to DIN/ISO

HAZET No.	l mm	EAN-No. 4000896+
868	147	038794
868-16	402	076727

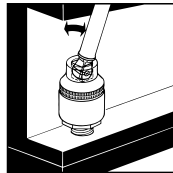
871 Wobble extension

Made in Germany

- Spherical, conical outside square
- Swivel angle after each side 8°

6.3 1/4" 6.3 1/4"

- By attaching a socket until its end stop is reached, the wobble extension may also be used as a rigid connection
- With locking ball
- Surface: chrome-plated, polished



HAZET No.	l mm	EAN-No. 4000896+
871-1	25	038855
871-4	101.5	038879

870 Extension · flexible

Made in Germany

- Flexible shaft enables operation around troublesome edges and fast working even in areas with restricted access
- With locking ball

6.3 1/4" 6.3 1/4"



HAZET No.	l mm	EAN-No. 4000896+
870	150	038848

8508 S Impact adapter

Made in Germany

- ISO 1173-A 5.5
- Holds power screwdriver sockets with □ drive 6.3 = 1/4"
- Use in power screwdrivers, e.g. AEG, Bosch, Metabo
- With locking pin retaining
- DIN 3121, ISO 1173 A5.5

6.3 1/4" 6.3 1/4"



HAZET No.	l mm	EAN-No. 4000896+
8508 S-1	50	037391

Made in Germany

- ISO 1173-E 6.3 (1/4")
- With locking pin retaining
- DIN 3121, ISO 1173 E6,3 (1/4")

6.3 1/4" 6.3 1/4"



HAZET No.	l mm	EAN-No. 4000896+
8508 S-3	50	037414
8508 S-4	100	037421

10 3/8" Range of sockets

880 Socket set

Made in Germany

- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant

E TR 10 3/8"

HiPer
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HAZET SMART case

1/3				
-----	--	--	--	--



- 880 • 10 3/8" • 10 3/8"
- 10 • 11 • 12 • 13
- 14 • 15 • 16 • 17
- 18 • 19 • 21 • 22

- 8816 HP • 10 3/8"
- 8820 • 10 3/8" • 10 3/8"

- 8821 • 10 3/8" • 10 3/8"
- 8821-3 • 8821-6 • 8821-10

HAZET No.	L x W x H mm	■	EAN-No. 4000896+
880/17	355x235x65	17	168361

880 N Socket set

Made in Germany

- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant

E TR 10 3/8"

HiPer
HIGH PERFORMANCE
THE ORIGINAL
MADE IN GERMANY

HAZET SMART case

1/3				
-----	--	--	--	--



- 880 • 10 3/8" • 10 3/8"
- 8 • 10 • 11 • 12 • 13 • 14
- 15 • 17 • 19 • 21 • 22

- 8815 • 10 3/8"
- 8816 HP • 10 3/8"

- 8820 • 10 3/8" • 10 3/8"
- 8821 • 10 3/8" • 10 3/8"
- 8821-5 • 8821-10

HAZET No.	L x W x H mm	■	EAN-No. 4000896+
880 N-1	355x235x65	16	040926



Hand Tools

10 3/8" Range of sockets



880 Socket set

Made in Germany

- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



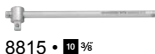
HiPer
HIGH PERFORMANCE
THE ORIGINAL
MADE IN GERMANY



1/3				
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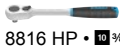
880 • 10 3/8" • 10 3/8"
6 • 7 • 8 • 9 • 10
11 • 12 • 13 • 14 • 15
16 • 17 • 18 • 19 • 20
21 • 22



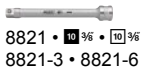
8815 • 10 3/8"



8820 • 10 3/8" • 10 3/8"



8816 HP • 10 3/8"



8821 • 10 3/8" • 10 3/8"
8821-3 • 8821-6

HAZET No.	L x W x H mm		EAN-No. 4000896+
880-2	355x235x65	22	039036

882 Socket set

• Combo set with 6.3 = 1/4" and 10 = 3/8" sockets and bits 6.3 = 1/4"



- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant

HiPer
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1/3				
-----	--	--	--	--



850 • 6.3 1/4" • 6.3 1/4"
4 • 4.5 • 5 • 5.5
6 • 7 • 8 • 9
10 • 11 • 12 • 13



880 • 10 3/8" • 10 3/8"
10 • 11 • 12 • 13
14 • 15 • 16 • 17
18 • 19 • 21 • 22



2216 • 10 3/8" • 10 3/8"
PZ 1 • PZ 2



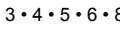
863 HP • 6.3 1/4"



2204 • 10 3/8" • 10 3/8"
3 • 4 • 5 • 6 • 8



866 U • 6.3 1/4"



2208 • 10 3/8" • 10 3/8"
0.5x4 • 0.6x4.5
0.8x5.5 • 1x6



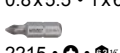
867-4 • 6.3 1/4" • 6.3 1/4"



8816 HP • 10 3/8"



8820 • 10 3/8" • 10 3/8"



8821 • 10 3/8" • 10 3/8"
PH 1 • PH 2



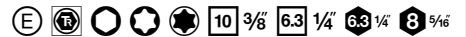
8821-6 • 10 3/8" • 10 3/8"

HAZET No.	L x W x H mm		EAN-No. 4000896+
882	355x235x65	46	042289

882 Socket set

• SmartCase (1/3) 165-L

- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



HiPer
HIGH PERFORMANCE
THE ORIGINAL
MADE IN GERMANY



1/3				
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850 • 6.3 1/4" • 6.3 1/4"
6 • 7 • 8 • 9 • 10 • 13



880 • 10 3/8" • 10 3/8"
11 • 12 • 13 • 14 • 15 • 16
17 • 18 • 19 • 21 • 22



2204 • 10 3/8" • 10 3/8"
4 • 5 • 6 • 8



850 E • 6.3 1/4" • 6.3 1/4"
E 6 • E 7 • E 8 • E 10



880 E • 10 3/8" • 10 3/8"
E 11 • E 12 • E 14



2223 • 10 3/8" • 10 3/8"
T 10 • T 15 • T 20 • T 25
T 27 • T 30 • T 40



863 HP • 6.3 1/4"



8816 HP • 10 3/8"



2224 • 10 3/8" • 10 3/8"
T 45 • T 50



866 U • 6.3 1/4"



8820 • 10 3/8" • 10 3/8"



2250-1 • 6.3 1/4" • 6.3 1/4"



867-4 • 6.3 1/4" • 6.3 1/4"



8821-6 • 10 3/8" • 10 3/8"



2250-3 • 6.3 1/4" • 6.3 1/4"



869 • 6.3 1/4" • 6.3 1/4"

HAZET No.	L x W x H mm		EAN-No. 4000896+
882-1	355x235x65	46	100361

885 N Socket set

Made in Germany



- Screwdriver sockets, CVD-Titanium Nitride (TIN) coated
- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant

HiPer
HIGH PERFORMANCE
THE ORIGINAL
MADE IN GERMANY



1/3				
-----	--	--	--	--



880 • 10 3/8" • 10 3/8"
6 • 7 • 8 • 9 • 10 • 11
12 • 13 • 14 • 15 • 16 • 17
18 • 19 • 21 • 22



8803 • 10 3/8" • 10 3/8"
1x5.5 • 1.2x8 • 1.6x10



8816 HP • 10 3/8"



8806 • 10 3/8" • 10 3/8"
PH 1 • PH 2 • PH 3



8821 • 10 3/8" • 10 3/8"



8821-3 • 8821-5 • 8821-10

HAZET No.	L x W x H mm		EAN-No. 4000896+
885 N	355x235x65	32	042593



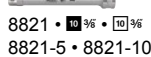
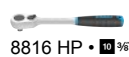
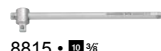
880 ZN Socket set

Made in Germany

- 12-point sockets
- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



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THE ORIGINAL
MADE IN GERMANY



HAZET No.	L x W x H mm		EAN-No. 4000896+
880 Z N-1	355x235x65	16	041992

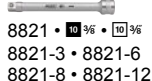
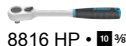
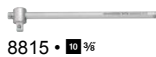
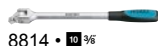
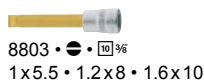
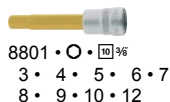
888 ZN Socket set

Made in Germany

- 12-point sockets
- Screwdriver sockets, CVD titanium nitride (TIN) coated
- Sheet metal box (HAZET-blue)
- 2-component soft foam insert



HiPer
HIGH PERFORMANCE
THE ORIGINAL
MADE IN GERMANY



HAZET No.	L x W x H mm		EAN-No. 4000896+
888 ZN	578x235x88	58	042654

880 LG Socket set

Made in Germany

- Easy installation: 2 bore holes, e.g. for wall fixation
- Holding clamps adapted to the drive size
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



HAZET No.	l mm		EAN-No. 4000896+
<ul style="list-style-type: none"> • 10 pcs. 6-point sockets, Long design 880 LG • • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 880 Lg/10 H 240 10 040865			
<ul style="list-style-type: none"> • 10 pcs. 12-point sockets 880 TZ • • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 880 TZ/10 H 240 10 041831			
<ul style="list-style-type: none"> • 10 pcs. hexagon universal joint sockets 880 G • • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 880 G/10 H 240 10 040612			
<ul style="list-style-type: none"> • 8 screwdriver sockets for inside hexagon screws 8801 • • 3 • 4 • 5 • 6 • 7 • 8 • 9 • 10 8801/8 H 240 8 039463			
8802 • • T 15 • T 20 • T 25 • T 27 • T 30 • T 40 • T 45 • T 50 8802 T/8 H 240 8 039784			
<ul style="list-style-type: none"> • Empty, with 16 retaining clamps • Equipping with sockets of 880 series 880 • 880 HL 430 - 040650			

8816 Reversible ratchet

Made in Germany

- Number of teeth: 30
- Opening angle: 12°
- With locking ball
- HAZET 2-component handle
- Surface: chrome-plated, polished
- DIN 3122, ISO 3315



HAZET No.	l mm	EAN-No. 4000896+
8816 P	199	042203



Hand Tools

10 3/8" Range of sockets



8816 Reversible ratchet with hinge joint

Made in Germany

- Ratchet head can be swivelled > 180°
- Short design
- Number of teeth: 30
- Opening angle: 12°
- With hinge – for working in areas with restricted access and for getting around obstructive edges
- With locking ball
- HAZET 2-component handle
- Surface: chrome-plated, polished
- DIN 3122, ISO 3315

10 3/8"



Length non-standard

HAZET No.	l mm	EAN-No. 4000896+
8816 GK	218	042142

Made in Germany

- Ratchet head can be swivelled > 180°
- Long design
- Number of teeth: 30
- Opening angle: 12°
- With hinge – for working in areas with restricted access and for getting around obstructive edges
- With locking ball
- HAZET 2-component handle
- Surface: chrome-plated, polished
- DIN 3122, ISO 3315

10 3/8"



Length non-standard

HAZET No.	l mm	EAN-No. 4000896+
8816 G	276	042104

8816 Reversible ratchet · fine-tooth

Made in Germany

• A lot more power for ratchets with the same dimensions

10 3/8"

- Locking function of the lever prevents unwanted switch
- Longer lifetime by using the latest lubricants in the ratchet mechanism
- Close manufacturing tolerances prevent dirt from getting in
- HAZET internal quality standards guarantee a loading capacity far beyond standard requirements
- High-quality, easy to clean, corrosion-resistant
- Integrated hanging option in the handle
- VPA tested, static torque according to DIN 3122: 400 Nm (DIN 202 Nm)
- Number of teeth: 90
- Opening angle: 4°
- With locking ball
- HAZET 2-component handle
- Surface: chrome-plated
- DIN 3122, ISO 3315



HiPer
HIGH PERFORMANCE
THE ORIGINAL
MADE IN GERMANY



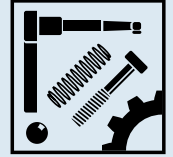
400 Nm
HiPer

90
4°

HAZET No.	l mm	EAN-No. 4000896+
8816 HP	200	235063

Wear? – No problem!

- HAZET tools are manufactured to the highest quality. During long intensive loading there is a certain level of wear even for high-quality tools.
- For this reason, there are spare parts and replacement sets available for many of our tools.

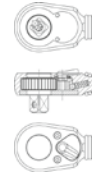


Cost-saving – Sustainable – Resource-saving!
For long-term pleasure with your HAZET tools

8816 Replacement set

Made in Germany

- Number of teeth: 30
- Opening angle: 12°



HAZET No.	EAN-No. 4000896+
8816 P/6	144617

- **Replacement set for shift lever** consisting of: shift lever · screws · ball · compression spring · pawl
For HAZET reversible ratchet 8816 G · 8816 GK · 8816 P · 8816 S · 8816 ST · 916 K · 2264-1
For HAZET torque wrench 5110-2 CT · 5120-2 CT · 5110-3 CT · 5111-3 CT · 5120-3 CT · 6110 CT · 6110-1 CT · 6111-1 CT · 6114-1 CT · 6115-1 CT · 6402-1 · 6402-1 S · 6408-1

8816 P/6 144617

- **Replacement set for ratchet wheel 10 = 3/8" ■** consisting of: ratchet wheel, pawl, shift lever, screws, ball, compression spring
Für Umschaltknarre HAZET 8816 G · 8816 GK · 8816 P · 8816 ST
For HAZET reversible ratchet 5110-2 CT · 5110-3 CT · 5111-3 CT · 6110 CT · 6110-1 CT · 6111-1 CT · 6114-1 CT · 6115-1 CT · 6402-1

8816 P/7 N 042234

- **Replacement set for ratchet wheel 10 = 3/8" ■** consisting of: ratchet wheel with quick-release press-button · pawl · switch lever · screws · ball · compression spring
For HAZET reversible ratchet 8816 S · 6402-1 S as well as for refitting HAZET reversible ratchet 8816 P · 8816 G · 8816 GK · 8816 ST · 6110 CT · 6110-1 CT · 6111-1 CT · 6114-1 CT · 6115-1 CT · 6402-1

8816 S/7 048465

- **Plastic handle**
For HAZET 8814 · 8816 P · 8816 F · 8816 G · 8816 GK · 2593 Lg-17

8816 KG-02 042166

- **Replacement set for joint connection** consisting of: screw and lock washer
For HAZET flexible handle 8814 and HAZET reversible ratchet 8816 G · 8816 GK

8816 G-013 042111

8814 Flexible handle

Made in Germany

- With hinge – for working in areas with restricted access and for getting around obstructive edges
- With locking ball
- Ergonomically shaped HAZET 2-component handle
- Surface: chrome-plated
- DIN 3122, ISO 3315

10 3/8"



HAZET No.	l mm	EAN-No. 4000896+
8814	250	042036



8812 U Spin type speeder

Made in Germany

- With locking ball
- HAZET 2-component handle
- Surface: chrome-plated

10 3/8



HAZET No.	l mm	EAN-No. 4000896+
8812 U	137	067688

8815 Sliding T-handle

Made in Germany

- With locking ball
- Surface: chrome-plated, polished
- DIN 3122, ISO 3315

10 3/8



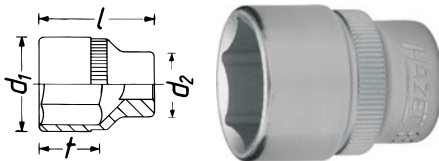
HAZET No.	l mm	EAN-No. 4000896+
8815	198	042067

880 Socket · 6-point

Made in Germany

- With knurling
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1

10 3/8



* = Not according to DIN

HAZET No.	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
880- 6 *	24	10	17	6.2	039104
880- 7	24	10.5	17	6.2	039111
880- 8	24	11.8	17	6.2	039128
880- 9	24	13	17	6.2	039135
880-10	25	14.4	17	7.2	038893
880-11	26	15.8	17.5	8.2	038916
880-12	27	17	18.5	9.2	038923
880-13	27.5	18.4	17	9.7	038930
880-14	29.5	19.5	17.5	11.7	038947
880-15	29.5	20.9	18	11.7	038954
880-16	29.5	22.1	18	11.7	038961
880-17	29.5	23.3	18.5	11.7	038978
880-18	31.5	24.8	19	13.5	038992
880-19	31.5	25.8	19.5	13.5	039005
880-20	31.5	26.8	21	13.5	039043
880-21	31.5	28.3	22.5	13	039050
880-22	34	29.6	23.5	16	039067

880 LG Socket · 6-point

Made in Germany

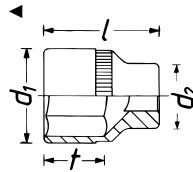
- Long design
- With knurling
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1

10 3/8



880 LG Socket · 6-point

10 3/8



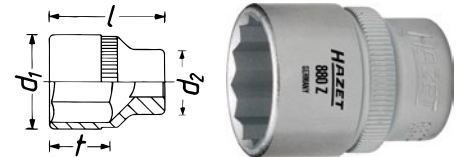
HAZET No.	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
880 Lg- 8	54	12.1	17	7	052257
880 Lg- 9	54	13	17	10	040858
880 Lg-10	54	14.4	17	10	040698
880 Lg-11	54	15.8	17.2	11	040704
880 Lg-12	54	17	18.5	11	040711
880 Lg-13	54	18.4	18.5	12	040728
880 Lg-14	54	19.5	19.5	15	040759
880 Lg-15	60	20.8	19.5	15	040766
880 Lg-16	60	21.8	18.5	16	040773
880 Lg-17	60	23	18.5	16	040780
880 Lg-18	66	24.4	20	20	040797
880 Lg-19	66	25.5	20	20	040803
880 Lg-20	70	26.6	21	22	040810
880 Lg-21	70	28	22	22	040834
880 Lg-22	70	29.6	21	22	040841

880 Z Socket · 12-point

Made in Germany

- With knurling
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1

10 3/8

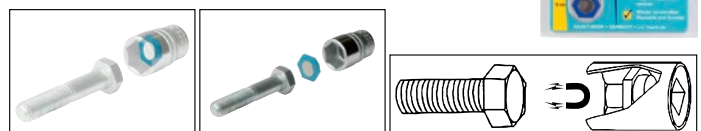


HAZET No.	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
880 Z- 9	24	13	17	6.2	041985
880 Z-10	25	14.4	17	7.2	041848
880 Z-11	26	15.8	17.5	8.2	041855
880 Z-12	27	17	18.5	9.2	041862
880 Z-13	27.5	18.4	17	9.7	041879
880 Z-14	29.5	19.6	17.5	11.7	041893
880 Z-15	29.5	20.9	18	11.7	041909
880 Z-16	29.5	22.1	18	11.7	041916
880 Z-17	29.5	23.3	18.5	11.7	041923
880 Z-18	31.5	24.6	19	13.5	041930
880 Z-19	31.5	25.8	19.5	13.5	041947
880 Z-20	31.5	26.8	20	13.5	041954
880 Z-21	31.5	28.3	22.5	13	041961
880 Z-22	34	29.6	23.5	15.5	041978

960 MGT Magnetic socket insert

- Universal application in metric 6-point and 12-point sockets, sizes ≤ 10 pcs. up to 19 mm

- Sockets made of plastic with integrated magnet
- Powerful retention force
- Reusable
- 10-piece set, for metric sockets $\leq 10 \cdot 11 \cdot 12 \cdot 13 \cdot 14 \cdot 15 \cdot 16 \cdot 17 \cdot 18 \cdot 19$ mm
- DIN 3124, ISO 2725-1



HAZET No.	EAN-No. 4000896+
960 Mgt	097661



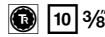
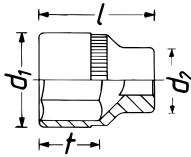
Hand Tools

10 3/8 Range of sockets



880 A Socket · 12-point

- Made in Germany**
- American dimensions
- With knurling
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1

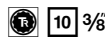
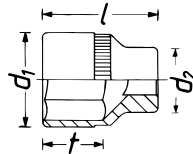


Sizes 1/4" and 5/16" with hexagon

HAZET No.	l mm	d ₁ mm	d ₂ mm	EAN-No. 4000896+
880 A- 1/4	24	10	17	040056
880 A- 5/16	24	11.8	17	040094
880 AZ- 3/8	25	13.8	17	040360
880 AZ- 7/16	26	15.8	17.5	040384
880 AZ- 1/2	27.5	18.7	17	040292
880 AZ- 9/16	29.5	20.1	17.5	040407
880 AZ- 19/32	29.5	21.1	18	040339
880 AZ- 5/8	29.5	22.1	18	040377
880 AZ- 11/16	29.5	23.8	18.5	040308
880 AZ- 3/4	31.5	25.8	19.5	040353
880 AZ- 25/32	31.5	26.8	21	040346
880 AZ- 13/16	32	28.3	22.5	040315
880 AZ- 7/8	34	30.3	23.5	040391
880 AZ- 15/16	36.5	32.3	23.5	040322

880 TZ Socket · 12-point

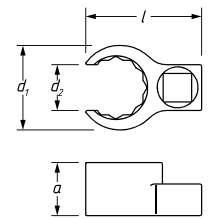
- Made in Germany**
- Long design
- With knurling
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
880 TZ- 9	54	13	17	10	041824
880 TZ-10	54	14.4	17	10	041602
880 TZ-11	54	15.8	17.2	11	041626
880 TZ-12	54	17	18.5	12.3	041633
880 TZ-13	54	18.4	18.5	12	041664
880 TZ-14	54	19.5	19.5	15	041688
880 TZ-15	60	20.8	19.5	15	041701
880 TZ-16	60	21.8	18.5	16	041718
880 TZ-17	60	23	18.5	16	041725
880 TZ-18	66	24.4	20	20	041749
880 TZ-19	66	25.5	20	20	041756
880 TZ-20	70	26.6	21	22	041763
880 TZ-21	70	28	22	22	041794
880 TZ-22	70	29.6	21	22	041800

848 Z Box-end wrench · 12-point · open

- Made in Germany**
- Crowfoot Wrenches
- For union nuts and tube connections
- Square socket

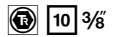
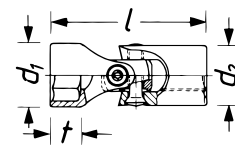


848 Z Box-end wrench · 12-point · open

HAZET No.	l mm	d ₁ mm	d ₂ mm	a mm	mm	EAN-No. 4000896+
848 Z-17	40.9	27.5	14.5	18	□ 10 = 3/8"	079094
848 Z-18	41.7	29	15	19	□ 10 = 3/8"	079100
848 Z-19	41.9	30	16	19	□ 10 = 3/8"	079117
848 Z-21	46	32	16.5	19	□ 10 = 3/8"	079124
848 Z-22	46.5	33.5	17.5	19.5	□ 10 = 3/8"	079131
848 Z-24	50	36.5	18.5	20	□ 10 = 3/8"	079148
848 Z-27	53.7	40.5	20.5	22	□ 10 = 3/8"	079162
848 Z-30	62.4	46.5	25	23	□ 12.5 = 1/2"	079179
848 Z-32	63.7	48.5	24.5	23	□ 12.5 = 1/2"	079186
848 Z-36	67.1	52.5	27.5	24.5	□ 12.5 = 1/2"	079193
848 Z-41	74.1	58.5	31	24.5	□ 12.5 = 1/2"	079216
848 Z-46	77.7	64.5	35.5	26.5	□ 12.5 = 1/2"	079223

880 G Universal joint socket · 6-point

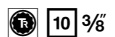
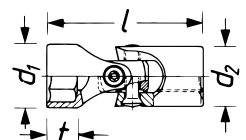
- Made in Germany**
- With hinge – for working in areas with restricted access and for getting around obstructive edges
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
880 G-10	43	13.8	19	6.8	040414
880 G-11	43	15	19	6.8	040438
880 G-12	44	16.6	19	7.3	040445
880 G-13	44	17.8	19	7.3	040452
880 G-14	45	19	19	9.3	040469
880 G-15	45	20.4	19	9.3	040476
880 G-16	46	22	19	9.2	040483
880 G-17	46	22.8	19	9.2	040490
880 G-18	47	24.5	19	10.2	040506
880 G-19	48	25.2	19	11.2	040513

880 GZ Universal joint socket · 12-point

- Made in Germany**
- With hinge – for working in areas with restricted access and for getting around obstructive edges
- With locking ball
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



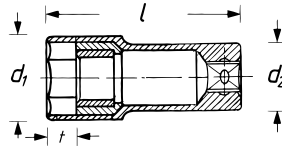
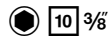
HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
880 G-Z 16	45.8	22	19	10	203734
880 G-Z 18	46.8	24.5	19	11	203529



880 MGT Spark plug socket

Made in Germany

- With permanent magnet
- Long design
- **American dimensions**
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1

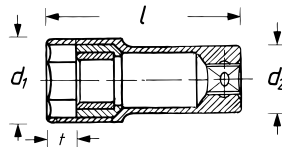


HAZET No.	S mm	S" mm	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
880 Mg T	20.8	13/16	64	27.4	22.5	9	040872
880 A Mg T	16	5/8	64	21.6	21.6	9	040247

Made in Germany

• With permanent magnet

- Outside hexagon 17 mm
- For motorcycles, e.g. HONDA · YAMAHA · SUZUKI · KAWASAKI etc.
- Long design
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



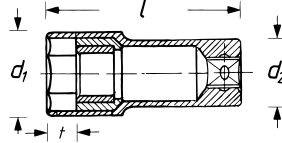
HAZET No.	S mm	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
880 Mg T-18	18	62	23.5	22.8	9.6	040889

880 AMGT Spark plug socket

Made in Germany

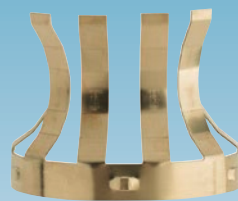
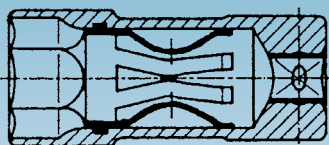
• Outside guide collar 23.6 mm for low-lying spark plugs

- With permanent magnet
- Long design
- **American dimensions**
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



HAZET No.	S mm	S" mm	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
880 A Mg T-1	16	5/8	64	21.9	21	9	040254

Fixing clamp information



- Stainless and insensitive to heat
- Largest possible clearance of insulator
- 6 spring elements – firm hold of the spark plug
- Damping of transverse motion

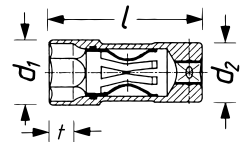
880 KF Spark plug socket

Made in Germany

• The fixing clamp reduces the risk of insulator damage



- **Fixing clamp** to hold the spark plug
- Long design
- **American dimensions**
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



HAZET No.	S mm	S" mm	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
880 KF	20.8	13/16	64	27.4	25	10	040674
880 A KF	16	5/8	64	21.6	21.6	10	040131

HAZET No.	S mm	S" mm	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
4766	16	5/8	97	21.4	18	10	049295
4766-1	16	5/8	270	21.4	18	10	048991
4766-2	14		64	18	17.3	10	087655
4766-3	14		154	19.1	18	10	199976

880 KF Fixing clamp

Made in Germany

• American dimensions

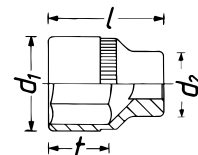


HAZET No.	EAN-No. 4000896+
• Fixing clamp for HAZET spark plug wrench 880 KF · 900 KF · 4767 KF	
880 KF-01	050123
• Fixing clamp for HAZET spark plug wrench 880 A KF · 900 A KF · 4766 · 4766-1 · 4767 A KF	
880 A KF-01	050130

880 E TORX® socket

Made in Germany

- With knurling
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



HAZET No.	l mm	d ₁ mm	d ₂ mm	mm	EAN-No. 4000896+
880-E 5	28	7	17	4.75	039258
880-E 6	28	8	17	5.74	039272
880-E 7	28	9	17	6.22	039296
880-E 8	28	10.5	17	7.52	039319
880-E 10	28	13	17	9.42	039159
880-E 11	28	14	17	10.08	039180
880-E 12	28	14.9	17	11.17	039197
880-E 14	28	16.5	18.5	12.90	039227



Hand Tools

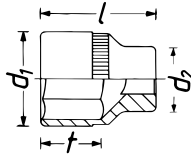
10 3/8 Range of sockets



880 LG-E TORX® socket

Made in Germany

- Long design
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



HAZET No.	l mm	d ₁ mm	d ₂ mm	mm	EAN-No. 4000896+
880 Lg-E 8	65	10.5	17	7.52	053070
880 Lg-E 10	65	13	17	9.42	053087
880 Lg-E 12	65	14.9	17	11.17	053100
880 Lg-E 14	65	16.5	18.5	12.90	053117

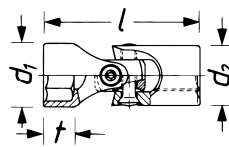
880 G-E TORX® socket

Made in Germany

- With hinge – for working in areas with restricted access and for getting around obstructive edges
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



880 G-E TORX® socket



HAZET No.	l mm	d ₁ mm	d ₂ mm	mm	EAN-No. 4000896+
880 G-E 8	43	11.5	19	7.52	040599
880 G-E 10	44	13.8	19	9.42	040537
880 G-E 12	46	16	19	11.17	040551
880 G-E 14	48	17.8	19	12.90	040575

880 G-E TORX® socket set

Made in Germany

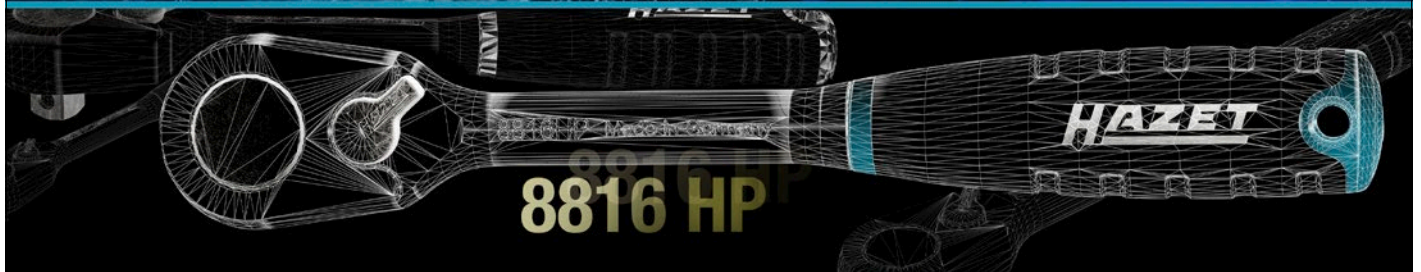
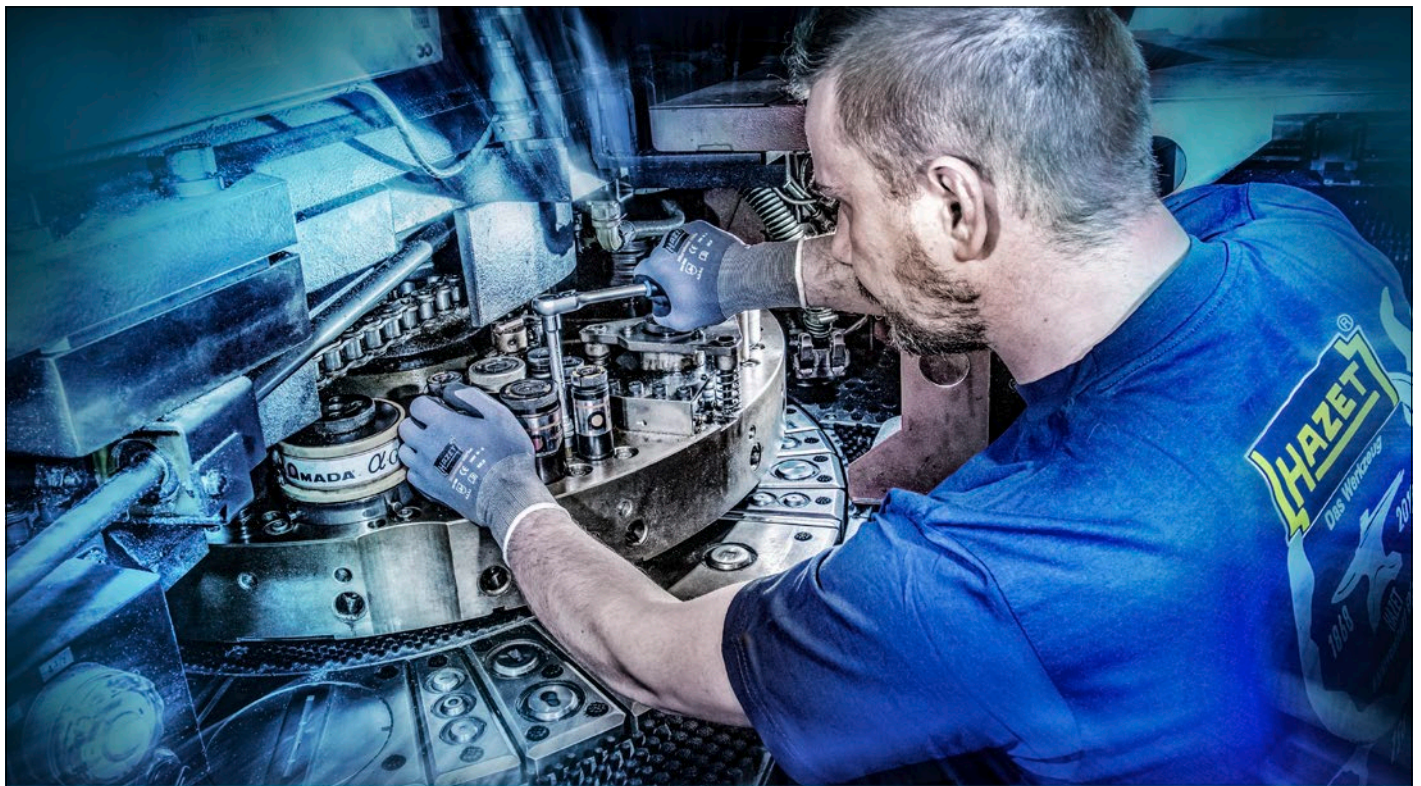
- With hinge – for working in areas with restricted access and for getting around obstructive edges
- Surface: chrome-plated, polished



880 G-E • 10 3/8
E 8 • E 10 • E 12 • E 14



HAZET No.	mm	EAN-No. 4000896+
880 G-E/4	4	040520





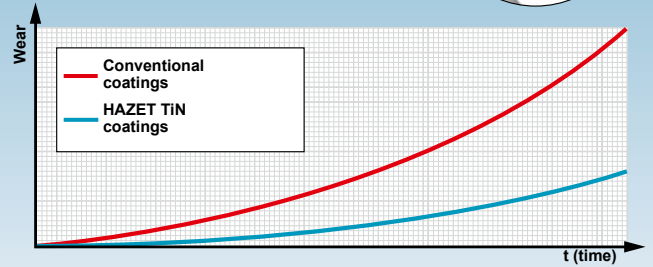
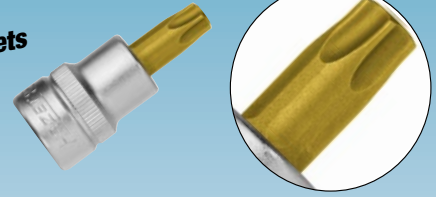
TiN coating



Why choose TiN (Titanium Nitride) coating?

- A special coating process for extremely hard TiN coating guarantees high adhesive strength and wear resistance of the coating
- Particularly suitable for continuous load, e. g. for industrial applications in industry and trade
- Higher wear protection guarantees a longer lifetime
- Perfect fitting accuracy due to optimum coating thickness
- Higher torque
- Optimized corrosion protection

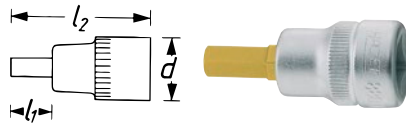
TiN-coated screwdriver sockets



8801 K Screwdriver socket

Made in Germany

- Extra short design
- With knurling
- Surface:
- DIN 7422, DIN 3124, ISO 2725-1



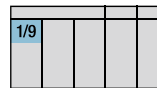
* = Not according to DIN

HAZET No.	S mm	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
8801 K- 3	3	17	43.5	17	053582
8801 K- 4 *	4	17	43.5	17	053599
8801 K- 5	5	17	43.5	17	053605
8801 K- 6	6	17	43.5	17	053612
8801 K- 7	7	17	43.5	19	053629
8801 K- 8	8	17	43.5	19	053636
8801 K- 9 *	9	17	43.5	19	053643
8801 K-10	10	17	43.5	19	053650

8801 Screwdriver socket set

Made in Germany

- Short design
- With knurling
- SmartCase (1/9) 165-S
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- Surface:
- DIN 7422



8801 • • •
4 • 5 • 6 • 7 • 8 • 10

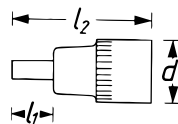


HAZET No.	L x W x H mm		EAN-No. 4000896+
8801/6	185x153x52	6	186853

8801 Screwdriver socket

Made in Germany

- Short design
- With knurling
- Surface:
- DIN 7422, DIN 3124, ISO 2725-1



s 3–9–12: not according to DIN
+ = With offset blade

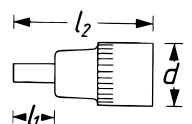
HAZET No.	S mm	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
8801- 3 +	3	23.5	50	17	039364
8801- 4 +	4	28.5	55	17	039371
8801- 5 +	5	33.5	60	17	039388
8801- 6	6	38.5	65	17	039395
8801- 7 +	7	43.5	70	19	039401
8801- 8	8	48.5	75	19	039425
8801- 9 +	9	52.5	80	19	039432
8801-10	10	57.5	85	19	039340
8801-11	11	60	87.5	19	166299
8801-12	12	62.5	90	19	039357

HAZET No.	S mm	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
2584-8	8	6.6	24		149438
2784-1	7	6.6	24		148530

8801 A Screwdriver socket

Made in Germany

- Short design
- American dimensions
- With knurling
- Surface:
- DIN 3124, ISO 2725-1



+ = With offset blade

HAZET No.	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
8801 A-1/8 +	23.5	50	17	039487
8801 A-5/32 +	28.5	55	17	039524
8801 A-3/16 +	33.5	60	17	039494
8801 A-7/32 +	38.5	65	17	039531
8801 A-1/4 +	43.5	70	19	039470
8801 A-5/16	48.5	75	19	039517
8801 A-3/8 +	52.5	80	19	039500



Hand Tools

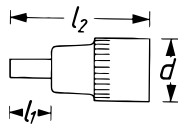
10 3/8" Range of sockets



8801 KK Screwdriver socket

Made in Germany

- Long design
- With ball-head
- With knurling
- Surface:
- DIN 3124, ISO 2725-1



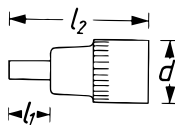
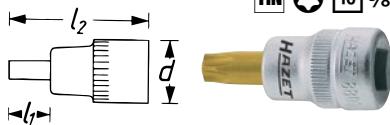
HAZET No.	S mm	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
8801 KK- 5	5	89.5	116	17	039586
8801 KK- 6	6	89.5	116	17	039593
8801 KK- 7	7	89.5	116	19	039609
8801 KK- 8	8	89.5	116	19	039616
8801 KK-10	10	88.5	116	19	039579

HAZET No.	S mm	l ₁ mm	l ₂ mm	EAN-No. 4000896+
2527-5	5	200	227	016303

8802 Screwdriver socket TORX®

Made in Germany

- Short design
- With knurling
- Surface:

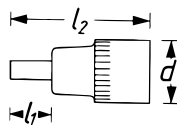


HAZET No.	l ₁ mm	l ₂ mm	d mm	⌀ mm	EAN-No. 4000896+
8802-T 15	17	43.5	19	3.27	039647
8802-T 20	17	43.5	19	3.86	039654
8802-T 25	17	43.5	19	4.43	039661
8802-T 27	17	43.5	19	4.99	039678
8802-T 30	17	43.5	19	5.52	039685
8802-T 40	17	43.5	19	6.65	039708
8802-T 45	17	43.5	19	7.82	039722
8802-T 50	17	44.5	19	8.83	039753

8803 Screwdriver socket

Made in Germany

- Medium length design
- With knurling
- Surface:
- DIN ISO 2380-1, DIN 3124, ISO 2725-1

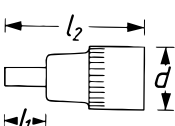
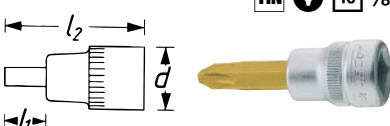


HAZET No.	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
8803-1x5.5	48.5	75	17	039814
8803-1.2x8	53.5	80	19	039791
8803-1.6x10	62.5	90	19	039807

8806 Screwdriver socket

Made in Germany

- Short design
- With knurling
- Surface:
- Tip ISO 8764-1, DIN 3124, ISO 2725-1

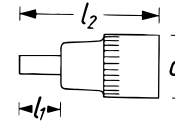
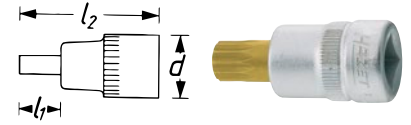


HAZET No.	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
8806-PH 1	23.5	50	17	039845
8806-PH 2	23.5	50	17	039852
8806-PH 3	28.5	55	19	039869
8806-PH 4	32.5	60	19	039876

8808 Screwdriver socket

Made in Germany

- Short design
- With knurling
- Surface:
- DIN 2324, DIN 2325, DIN 3124, ISO 2725-1

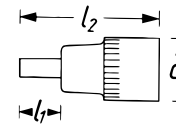


HAZET No.	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
8808- 5	13.5	40	19	039982
8808- 6	13.5	40	19	039999
8808- 8	14.5	41	19	040001
8808-10	14.5	42	19	039975

8808 LG Screwdriver socket

Made in Germany

- Long design
- With knurling
- Surface:
- DIN 2324, DIN 2325, DIN 3124, ISO 2725-1



HAZET No.	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
8808 Lg- 6	62.3	89	19	204946
8808 Lg- 8	61.5	88	19	040025
8808 Lg-10	61.5	89	19	040018

8858 Adapter

Made in Germany

- With locking ball
- Surface: chrome-plated
- DIN 3123, ISO 3316



HAZET No.	l mm	EAN-No. 4000896+
• ■ Drive 12.5 = 1/2" – □ drive 10 = 3/8"		
8858-1	36	042562
• ■ Drive 6.3 = 1/4" – □ drive 10 = 3/8"		
8858-2	26	042579

2250 Adapter

Made in Germany

- For manual operation
- Inside square and inside hexagon sockets
- Clamping ball for bits
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
• ○ 6.3 = 1/4" – □ 10 = 3/8"		
2250-2	30	015450
• ○ 8 = 5/16" – □ 10 = 3/8"		
2250-3	31	015474



8820 Universal joint

Made in Germany

- With hinge – for working in areas with restricted access and for getting around obstructive edges
- With locking ball
- Surface: chrome-plated, head polished
- DIN 3123, ISO 3316

10 3/8 10 3/8



HAZET No.	l mm	EAN-No. 4000896+
8820	46.5	042296

8821 Extension

Made in Germany

- With locking ball
- Surface: chrome-plated, head polished
- DIN 3123, ISO 3316

10 3/8 10 3/8



* = Length not according to DIN

HAZET No.	l mm	EAN-No. 4000896+
8821- 1 *	36	042302
8821- 3	74	042357
8821- 5	126	042364
8821- 6 *	150	042371
8821- 8 *	202	042388
8821-10	254	042319
8821-12 *	304	042326
8821-20 *	508	042333
8821-28 *	711	042340

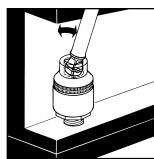
8822 Wobble extension

Made in Germany

- Spherical, conical outside square
- Swivel angle after each side 8°

10 3/8 10 3/8

- By attaching a socket until its end stop is reached, the wobble extension may also be used as a rigid connection
- With locking ball
- Surface: chrome-plated, polished



HAZET No.	l mm	EAN-No. 4000896+
8822- 1	36	042418
8822- 3	74	042432
8822-10	254	042425

8830 Flexible extension

Made in Germany

- Flexible shaft enables operation around troublesome edges and fast working even in areas with restricted access
- With locking ball

10 3/8 10 3/8



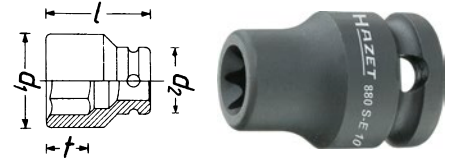
HAZET No.	l mm	EAN-No. 4000896+
8830	210	042487

880 SE Impact socket · TORX®

Made in Germany

- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-2

10 3/8



HAZET No.	l mm	d ₁ mm	d ₂ mm	h mm	EAN-No. 4000896+
880 S-E 10	28	14	19	9.42	041237
880 S-E 12	28	15.9	19	11.17	041251

8807 S Impact adapter

Made in Germany

- Drive with borehole for locking pin retaining and groove for O-ring, output with locking pin retaining
- Surface: phosphatized, oiled

10 3/8



HAZET No.	l mm	d mm	EAN-No. 4000896+
8807 S	28	22	039937
8807 S-1	35.5	22	039951

8808 S Impact adapter

Made in Germany

- Fixation of power screwdriver sockets with □ drive 10 = 3/8"
- With locking pin retaining
- Surface: steel grey, oiled

10 3/8 8 5/16



HAZET No.	l mm	EAN-No. 4000896+
8808 S-1	75	040032

880 S Safety spring

Made in Germany

- For machine-operated sockets according to DIN 3129



HAZET No.	mm	EAN-No. 4000896+
880 S-HF 612	∅ 16.6	041428
880 S-HF 1319	∅ 18.0	041411



Hand Tools

125 1/2 Range of sockets



125 1/2 Range of sockets

900 Socket set

Made in Germany

- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant

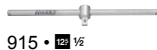


HiPer
HIGH PERFORMANCE
THE ORIGINAL
MADE IN GERMANY

HAZET
SMART
Case



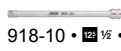
900 • 125 1/2
10 • 11 • 12 • 13 • 14
15 • 16 • 17 • 18 • 19
20 • 21 • 22 • 23 • 24
26 • 27 • 28 • 30 • 32



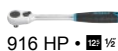
915 • 125 1/2



917-5 • 125 1/2 • 125 1/2



918-10 • 125 1/2 • 125 1/2



916 HP • 125 1/2



920 • 125 1/2 • 125 1/2

HAZET No.	L x W x H mm	■	EAN-No. 4000896+
900	355x235x65	25	042685

906 Socket set

Made in Germany

- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant

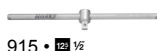


HiPer
HIGH PERFORMANCE
THE ORIGINAL
MADE IN GERMANY

HAZET
SMART
Case



900 • 125 1/2
10 • 11 • 12 • 13 • 14
15 • 17 • 19 • 22 • 24
27 • 30 • 32



915 • 125 1/2



917-5 • 125 1/2 • 125 1/2



916 HP • 125 1/2



918-10 • 125 1/2 • 125 1/2

HAZET No.	L x W x H mm	■	EAN-No. 4000896+
906	355x235x65	17	045891

953 HP Socket set

• With HiPer fine-tooth reversible ratchet 916 HP:

- Symbiosis of power and precision
- 90 teeth, 4° operating angle

• SmartCase (1/3) 165-L

- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



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850 • 125 1/2
5 • 6 • 7 • 8 • 9
10 • 11 • 12 • 13



900 • 125 1/2
10 • 11 • 12 • 13 • 14
15 • 16 • 17 • 18 • 19
21 • 22 • 24 • 27



2208 • 1/4" • 1/2"



2215 • 1/4" • 1/2"
PH 1 • PH 2



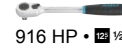
2216 • 1/4" • 1/2"
PZ 1 • PZ 2



2223 • 1/4" • 1/2"
T 10 • T 15 • T 20
T 25 • T 30



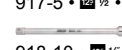
863 HP • 1/4"



916 HP • 125 1/2



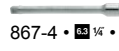
866 U • 3/4"



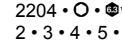
917-5 • 125 1/2 • 125 1/2



918-10 • 125 1/2 • 125 1/2



867-4 • 3/4" • 1/2" • 3/4"



2204 • 1/4" • 1/2"
2 • 3 • 4 • 5 • 6



2250-1 • 1/4" • 1/2"

HAZET No.	L x W x H mm	■	EAN-No. 4000896+
953 HP	355x235x65	47	215188

954 N Socket set

• Additionally with screwdriver sockets coated with CVD titanium nitride (TiN), bits and adapter

• SmartCase (1/3) 165-L

- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



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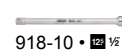
900 • 125 1/2
10 • 11 • 12 • 13 • 14
15 • 17 • 19 • 20 • 21
22 • 23 • 24 • 26 • 27
28 • 30 • 32



917-5 • 125 1/2 • 125 1/2



2217 • 1/4" • 1/2"
PH 1 • PH 2 • PH 3 • PH 4



918-10 • 125 1/2 • 125 1/2



2218 • 1/4" • 1/2"
PZ 1 • PZ 2 • PZ 3 • PZ 4



920 • 125 1/2 • 125 1/2



2224 • 1/4" • 1/2"
T 27 • T 30 • T 40
T 45 • T 50



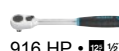
915 • 125 1/2



986 • 1/4" • 1/2"
5 • 6 • 7 • 8 • 10 • 12 • 14



2250-5 • 1/4" • 1/2"



916 HP • 125 1/2

HAZET No.	L x W x H mm	■	EAN-No. 4000896+
954 N	355x235x65	44	046621



905 Socket set

Made in Germany

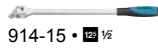
- Sheet metal box (HAZET-blue)
- 2-component soft foam insert



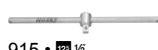
HiPer
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900 • 8 • 9 • 10 • 11 • 12
13 • 14 • 15 • 16 • 17
18 • 19 • 20 • 21 • 22
23 • 24 • 25 • 26 • 27
28 • 30 • 32



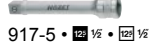
914-15 • 12⁵/₁₆



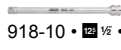
915 • 12⁵/₁₆



916 HP • 12⁵/₁₆



917-5 • 12⁵/₁₆ • 12⁵/₁₆



918-10 • 12⁵/₁₆ • 12⁵/₁₆



920 • 12⁵/₁₆ • 12⁵/₁₆



980 • 2 x 13

HAZET No.	L x W x H mm	■	EAN-No. 4000896+
905	435x215x62	30	045846

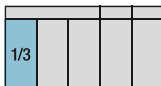
900 Z Socket set

Made in Germany

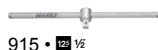
- With 12-point sockets
- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



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900 Z • 10 • 11 • 12 • 13 • 14
15 • 16 • 17 • 18 • 19
20 • 21 • 22 • 23 • 24
26 • 27 • 28 • 30 • 32



915 • 12⁵/₁₆



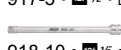
916 HP • 12⁵/₁₆



917-5 • 12⁵/₁₆ • 12⁵/₁₆



918-10 • 12⁵/₁₆ • 12⁵/₁₆



917-5 • 12⁵/₁₆ • 12⁵/₁₆



920 • 12⁵/₁₆ • 12⁵/₁₆

HAZET No.	L x W x H mm	■	EAN-No. 4000896+
900 Z	355x235x65	25	045440

900 AZ Socket set

Made in Germany

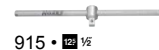
- With 12-point sockets
- American dimensions
- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



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900 AZ • 3/8 • 7/16 • 1/2 • 9/16 • 19/32
5/8 • 11/16 • 3/4 • 25/32 • 13/16
7/8 • 15/16 • 31/32 • 1 • 1 1/16
1 1/8 • 1 3/16 • 1 1/4



915 • 12⁵/₁₆



916 HP • 12⁵/₁₆



917-5 • 12⁵/₁₆ • 12⁵/₁₆



920 • 12⁵/₁₆ • 12⁵/₁₆

HAZET No.	L x W x H mm	■	EAN-No. 4000896+
900 A Z	355x235x65	23	043569

932 Socket set

Made in Germany

- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



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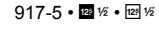
900 • 10 • 11 • 12 • 13 • 14
15 • 16 • 17 • 18 • 19
21 • 22 • 24 • 27



916 HP • 12⁵/₁₆



917-5 • 12⁵/₁₆ • 12⁵/₁₆



920 • 12⁵/₁₆ • 12⁵/₁₆

HAZET No.	L x W x H mm	■	EAN-No. 4000896+
932/18	355x235x65	18	168378



Hand Tools

125 1/2 Range of sockets



900 HL Socket rail

- Easy installation: 2 bore holes, e.g. for wall fixation
- Holding clamps adapted to the drive size
- Clear arrangement – sockets are always ready to hand
- Made of metal
- Empty, with 16 holding clamps suitable for sockets of 900 series

125 1/2



HAZET No.	l mm	EAN-No. 4000896+
900 HL	430	043842

916 Reversible ratchet · fine-tooth

- **Made in Germany**
- A lot more performance for ratchets with the same dimensions

125 1/2

- Locking function of the lever prevents unwanted switch
- Longer lifetime by using the latest lubricants in the ratchet mechanism
- Close manufacturing tolerances prevent dirt from getting in
- HAZET internal quality standards guarantee a loading capacity far beyond standard requirements
- High-quality, easy to clean, corrosion-resistant
- Integrated hanging option in the handle
- VPA tested, static torque according to DIN 3122: 1000 Nm
- Number of teeth: 90
- Opening angle: 4°
- With locking ball
- HAZET 2-component handle
- Surface: chrome-plated
- DIN 3122, ISO 3315



HiPer
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THE ORIGINAL
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1000 Nm
HiPer

90
4°

WINNER
EISEN
AWARD
2018
INTERNATIONALE EISENWARENMESSE

HAZET No.	l mm	EAN-No. 4000896+
916 HP	275	213894

916 Reversible ratchet

- **Made in Germany**
- Number of teeth: 32
- Opening angle: 11.25°
- With locking ball
- HAZET 2-component handle
- Surface: chrome-plated, polished
- DIN 3122, ISO 3315

125 1/2



916 Reversible ratchet

125 1/2

HAZET No.	l mm	EAN-No. 4000896+
916 SP	275	046317

916 Reversible ratchet with hinge joint

- **Made in Germany**
- Ratchet head can be swivelled > 180°

125 1/2

- Short design
- Number of teeth: 32
- Opening angle: 11.25°
- With hinge – for working in areas with restricted access and for getting around obstructive edges
- With locking ball
- HAZET 2-component handle
- Surface: chrome-plated, polished
- DIN 3122, ISO 3315



HAZET No.	l mm	EAN-No. 4000896+
916 GK	270	046201

916 Reversible ratchet · long · with hinge joint

- **Made in Germany**
- Ratchet head can be swivelled > 180°

125 1/2

- Long design
- Number of teeth: 32
- Opening angle: 11.25°
- With hinge – for working in areas with restricted access and for getting around obstructive edges
- With locking ball
- HAZET 2-component handle
- Surface: chrome-plated, polished
- DIN 3122, ISO 3315



HAZET No.	l mm	b mm	EAN-No. 4000896+
916 GL	511	40	202485

916 Short · reversible ratchet

- **Made in Germany**
- Only 199 mm short, in compact design of a 125 1/2 ratchet

125 1/2

- Maximum torque: 300 Nm
- Short design
- Number of teeth: 30
- Opening angle: 12°
- With locking ball
- HAZET 2-component handle
- Surface: chrome-plated, polished
- DIN 3122, ISO 3315



HAZET No.	l mm	EAN-No. 4000896+
916 K	199	155736



916 Reversible ratchet · fine-tooth · long

Made in Germany

12.5 1/2

• A lot more power for ratchets with the same dimensions

- Locking function of the lever prevents unwanted switch
- Longer lifetime by using the latest lubricants in the ratchet mechanism
- Close manufacturing tolerances prevent dirt from getting in
- HAZET internal quality standards guarantee a loading capacity far beyond standard requirements
- High-quality, easy to clean, corrosion-resistant
- Integrated hanging option in the handle
- Long design
- Number of teeth: 90
- Opening angle: 4°
- With locking ball
- HAZET 2-component handle
- Surface: chrome-plated
- Similar to DIN 3122, Similar to ISO 3315



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HAZET No.	l mm	EAN-No. 4000896+
916 HP L	415	219209

916 Reversible ratchet · fine-tooth · extendable

Made in Germany

12.5 1/2

• A lot more power for ratchets with the same dimensions

- Locking function of the lever prevents unwanted switch
- Longer lifetime by using the latest lubricants in the ratchet mechanism
- Close manufacturing tolerances prevent dirt from getting in
- HAZET internal quality standards guarantee a loading capacity far beyond standard requirements
- High-quality, easy to clean, corrosion-resistant
- Integrated hanging option in the handle
- **Extra long design**
- Number of teeth: 90
- Opening angle: 4°
- With locking ball
- HAZET 2-component handle
- Surface: chrome-plated
- Similar to DIN 3122, Similar to ISO 3315
- Continuously adjustable from 414 to 614 mm (without pre-fixed detent points)
- Easy fixation with knurled clamping nut
- Twist protected handle ensures optimum force transmission without slipping



916 Reversible ratchet · fine-tooth · extendable

12.5 1/2



reddot winner 2020

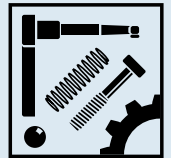
HiPer
HIGH PERFORMANCE
THE ORIGINAL
MADE IN GERMANY



HAZET No.	l ₁ mm	l ₂ mm	EAN-No. 4000896+
916 HP Lg	414	614	233076

Wear? – No problem!

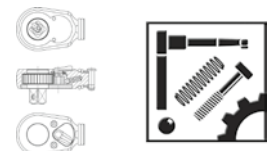
- HAZET tools are manufactured to the **highest quality**. During long intensive loading there is a certain level of wear even for high-quality tools.
- For this reason, there are spare parts and replacement sets available for many of our tools.



Cost-saving – Sustainable – Resource-saving!
For long-term pleasure with your HAZET tools

916 Replacement set

Made in Germany



HAZET No.	EAN-No. 4000896+
<ul style="list-style-type: none"> • Replacement set 12.5 = 1/2" ■ consisting of: pawl · compression spring · ball · spring sleeve · shift lever · cover disc · circlip · ratchet wheel · grease · assembly tool For reversible ratchet 916 HP · 916 HP L · 916 HP Lg 	218981
<ul style="list-style-type: none"> • Replacement set for ratchet wheel 12.5 = 1/2" ■ consisting of: shift lever · 2 screws · ball · compression spring · ratchet wheel with quick-release press-button and pawl For HAZET reversible ratchet 916 S as well as for refitting HAZET reversible ratchet 916 SP · 916 GK · 916 L · 916 ST 	046300
<ul style="list-style-type: none"> • Replacement set for shift lever 12.5 = 1/2" ■ consisting of: shift lever · 2 screws · ball and compression spring and pawl For HAZET reversible ratchet 916 S · 916 SP · 916 GK · 916 Lg · 916 L · 916 GL · 916 ST 	144624
<ul style="list-style-type: none"> • Replacement set for ratchet wheel 12.5 = 1/2" ■ consisting of: shift lever · screws · ball · compression spring · ratchet wheel and pawl For HAZET reversible ratchet 916 SP · 916 GK · 916 Lg · 916 L · 916 GL · 916 ST 	046348
<ul style="list-style-type: none"> • Replacement set for ratchet wheel 12.5 = 1/2" ■ consisting of: shift lever · screws · ball · ratchet wheel and pawl For HAZET reversible ratchet 916 K 	155743



Hand Tools

125 1/2 Range of sockets



914 Flexible handle

Made in Germany



- With hinge – for working in areas with restricted access and for getting around obstructive edges
- With locking ball
- HAZET 2-component handle
- Surface: chrome-plated
- DIN 3122, ISO 3315



HAZET No.	l mm	EAN-No. 4000896+
914-15	396	046027
914-18	472	046041

915 Sliding T-handle

Made in Germany



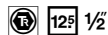
- With locking ball
- Surface: chrome-plated, polished
- DIN 3122, ISO 3315



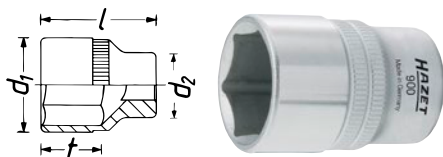
HAZET No.	l mm	EAN-No. 4000896+
915	298	046072

900 Socket · 6-point

Made in Germany



- With knurling
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1

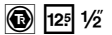


* = Not according to DIN

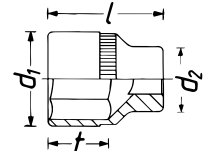
HAZET No.	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
900- 8	38	12	22	7.8	042968
900- 9 *	38	13.5	22	8.8	042975
900-10	38	14.9	22	10.8	042715
900-11	38	16.4	22	10.8	042722
900-12	38	17.5	22	11.3	042739
900-13	38	18.8	22	11.3	042746
900-14	38	20.3	22.5	11.8	042753
900-15	38	21.5	23.2	11.8	042760
900-16	38	22.7	23.6	12.2	042777
900-17	38	24.1	22	12.7	042784
900-18	38	25.4	22.4	14.2	042791
900-19	38	26.6	23	14.2	042807
900-20	38	27.8	24	14.2	042821
900-21	38	29	25	14.1	042838
900-22	41.5	30.4	26	17.6	042845
900-23	41.5	31.4	26	17.6	042869
900-24	44	32.6	26	18.2	042876
900-25	44	33.9	26	17.9	042883
900-26	44	35.1	24	17.8	042890
900-27	46	36.2	25	19.7	042906
900-28	47	37.5	26	20.6	042913
900-29 *	50	38.7	27	23.4	042920
900-30	50	40.1	28	23.3	042937
900-32	50	42.3	28	23	042944
900-34	52	46	28	23.3	042951
900-36	57	49	28	25.6	192519

900 LG Socket · 6-point

Made in Germany



- Long design
- With knurling
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



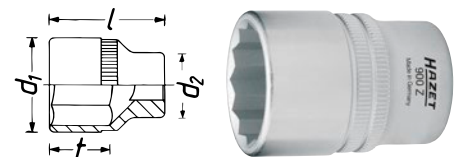
HAZET No.	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
900 Lg-10	85	14.9	22	10	053438
900 Lg-12	85	17.5	22	12.3	043873
900 Lg-13	85	18.8	22	13.3	043880
900 Lg-14	85	19.9	22.5	14.2	043897
900 Lg-15	85	21.5	23.2	15.2	043903
900 Lg-16	85	22.7	23.6	16	043910
900 Lg-17	85	24.1	23.6	19	043927
900 Lg-18	85	24.6	23.6	19	043934
900 Lg-19	85	28.5	26	19	043941
900 Lg-21	85	28.6	24.5	19	043965
900 Lg-22	85	30.4	25	22	043972
900 Lg-24	85	32.6	27.5	25	043989
900 Lg-27	85	36.3	30	28	044009
900 Lg-30	85	40.1	33	31	044016
900 Lg-32	85	42.5	35	34.2	049660

900 Z Socket · 12-point

Made in Germany



- With knurling
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



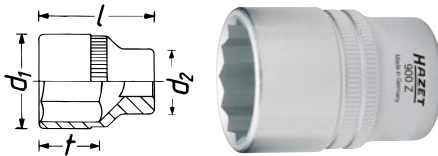
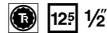
* = Not according to DIN

HAZET No.	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
900 Z- 8	38	12	22	7.5	045686
900 Z- 9 *	38	13.5	22	8.5	045693
900 Z-10	38	14.9	22	10.5	045457
900 Z-11	38	16.4	22	10.5	045464
900 Z-12	38	17.5	22	11	045471
900 Z-13	38	18.8	22	11	045488
900 Z-14	38	20.3	22.5	11.5	045495
900 Z-15	38	21.5	23.2	11.5	045501
900 Z-16	38	22.7	23.6	12.5	045518
900 Z-17	38	24.1	22	12.5	045525
900 Z-18	38	25.4	22.4	14	045532
900 Z-19	38	26.6	23	14	045549
900 Z-20	38	27.8	24	14	045556
900 Z-21	38	29	25	14	045563
900 Z-22	41.5	30.4	25	17.5	045570
900 Z-23	41.5	31.4	26	17.5	045587
900 Z-24	44	32.6	26	20	045594
900 Z-25 *	44	33.9	26.5	20	045600
900 Z-26 *	44	35.1	24	20	045617
900 Z-27	46	36.2	25	21	045624
900 Z-28 *	47	37.5	26	22	045631
900 Z-30	50	40.1	28	25	045655
900 Z-32 *	50	42.3	28	24	045662
900 Z-33 *	50	43.6	28	24	045679
900 Z-34	52	46	28	23.3	144792
900 Z-36	57	49	28	25.6	192502



900 AZ Socket · 12-point

- Made in Germany**
- American dimensions
- With knurling
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



HAZET No.	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
900 AZ-3/8	38	14.5	22	10.5	043699
900 AZ-7/16	38	16.4	22	10.5	043729
900 AZ-1/2	38	18.3	22	11	043620
900 AZ-9/16	38	20.5	22.5	11.5	043743
900 AZ-19/32	38	21.5	23.2	11.5	043668
900 AZ-5/8	38	22.7	23.6	12.5	043712
900 AZ-11/16	38	24.6	22	12.5	043637
900 AZ-3/4	38	26.8	23	14	043682
900 AZ-25/32	38	27.8	24	14	043675
900 AZ-13/16	38	28.6	25	14	043644
900 AZ-7/8	41.5	30.4	26	17.5	043736
900 AZ-15/16	44	32.6	26	20	043651
900 AZ-31/32	44	33.4	24.6	20	043705
900 AZ-1	44	34.6	24.8	20	043576
900 AZ-1.1/16	46	36.3	25	21	043583
900 AZ-1.1/8	47	38.2	26.5	22	043606
900 AZ-1.3/16	50	40.1	28	25	043613
900 AZ-1.1/4	50	42.3	28	24	043590

900 TZ Socket · 12-point

- Made in Germany**
- Long design
- With knurling
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1

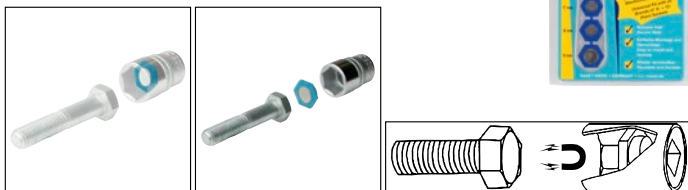


+ = With rubber ply for spark plugs

HAZET No.	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
900 TZ-10	85	14.9	22	10	053452
900 TZ-11	85	16.4	22	11.5	053445
900 TZ-12	85	17.5	22	12.3	045242
900 TZ-13	85	18.8	22	13.3	045259
900 TZ-14	85	19.9	22.5	15.2	045266
900 TZ-15	85	21.5	23.2	15.2	045273
900 TZ-16	85	22.7	23.6	16	045280
900 TZ-17	85	24.1	23.6	19	045297
900 TZ-18	85	24.6	23.6	19	045310
900 TZ-19	85	26.8	26	19	045334
900 TZ-20.8-19/16 +	85	28.5	24.5	19	045341
900 TZ-21	85	28.6	24.5	19	045358
900 TZ-22	85	30.4	25	22	045365
900 TZ-24	85	32.6	27.5	25	045389
900 TZ-27	85	36.3	30	28	045419
900 TZ-30	85	40.1	33	31	045426

960 MGT Magnetic socket insert

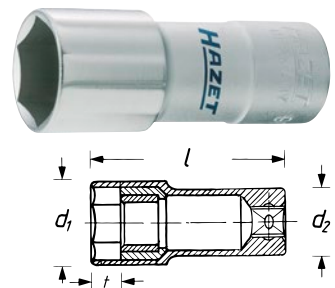
- Universal application in metric 6-point and 12-point sockets, sizes ≤ 10 up to 19 mm
- Sockets made of plastic with integrated magnet
- Powerful retention force
- Reusable
- 10-piece set, for metric sockets**
 $\leq 10 \cdot 11 \cdot 12 \cdot 13 \cdot 14 \cdot 15 \cdot 16 \cdot 17 \cdot 18 \cdot 19$ mm
- DIN 3124, ISO 2725-1



HAZET No.	EAN-No. 4000896+
960 MgT	097661

900 MGT Spark plug socket

- Made in Germany**
- For spark plug changing
- Magnetic bit retention
- American dimensions
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



HAZET No.	s mm	s"	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
900 Mg T	20.8	13/16	68	27.4	23.5	9	044023
900 A Mg T	16	5/8	71	22.5	22.5	8.5	043491

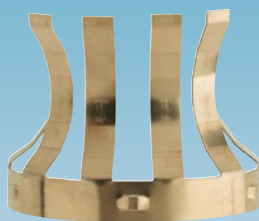
900 KF Spark plug socket

- Made in Germany**
- For spark plug changing
- Fixing clamp to hold the spark plug
- The fixing clamp reduces the risk of insulator damage
- American dimensions
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



HAZET No.	s mm	s"	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
900 KF	20.8	13/16	71	27.4	25	10	043859
900 A KF	16	5/8	71	22.5	22.5	10	043408

Fixing clamp information



- Stainless and insensitive to heat
- Largest possible clearance of insulator
- 6 spring elements – firm hold of the spark plug
- Damping of transverse motion



Hand Tools

12⁵ 1/2 Range of sockets



880 KF Fixing clamp

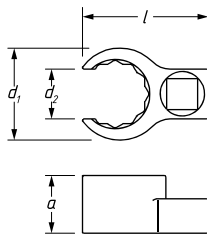
- Made in Germany
- American dimensions



HAZET No.	EAN-No. 4000896+
880 KF-01	050123
880 A KF-01	050130

848 Z Box-end wrench · 12-point · open

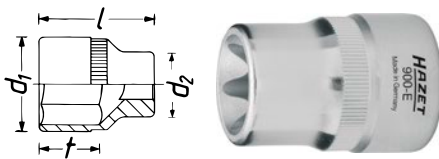
- Made in Germany
- Crowfoot Wrenches
- For union nuts and tube connections
- Square socket



HAZET No.	l mm	d ₁ mm	d ₂ mm	a mm	mm	EAN-No. 4000896+
848 Z-17	40.9	27.5	14.5	18	□ 10 = 3/8"	079094
848 Z-18	41.7	29	15	19	□ 10 = 3/8"	079100
848 Z-19	41.9	30	16	19	□ 10 = 3/8"	079117
848 Z-21	46	32	16.5	19	□ 10 = 3/8"	079124
848 Z-22	46.5	33.5	17.5	19.5	□ 10 = 3/8"	079131
848 Z-24	50	36.5	18.5	20	□ 10 = 3/8"	079148
848 Z-27	53.7	40.5	20.5	22	□ 10 = 3/8"	079162
848 Z-30	62.4	46.5	25	23	□ 12.5 = 1/2"	079179
848 Z-32	63.7	48.5	24.5	23	□ 12.5 = 1/2"	079186
848 Z-36	67.1	52.5	27.5	24.5	□ 12.5 = 1/2"	079193
848 Z-41	74.1	58.5	31	24.5	□ 12.5 = 1/2"	079216
848 Z-46	77.7	64.5	35.5	26.5	□ 12.5 = 1/2"	079223

900 E TORX® socket

- Made in Germany
- With knurling
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



HAZET No.	l mm	d ₁ mm	d ₂ mm	mm	EAN-No. 4000896+
900-E 10	38	13.3	22	9.42	042982
900-E 11	38	14	22	10.08	043002
900-E 12	38	14.9	22	11.17	043019
900-E 14	38	16.7	22	12.90	043033
900-E 16	38	19	22	14.76	043057
900-E 18	38	21	27	16.70	043071
900-E 20	38	23.5	27	18.49	043095
900-E 24	41.2	28.5	27	22.16	043118

900 TORX® socket set

- Made in Germany
- With knurling
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1

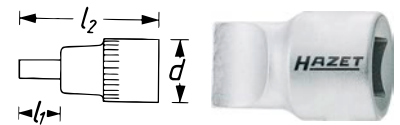


900 E • 12⁵ 1/2
E 10 • E 12 • E 14 • E 16 • E 18

HAZET No.	L x W mm	mm	EAN-No. 4000896+
900-E/5	172x50	5	129331

980 Screwdriver socket

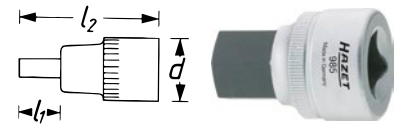
- Made in Germany
- Surface: chrome-plated
- DIN 3124, ISO 2725-1



HAZET No.	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
980-2x13	21	38	22	046737
980-3x19	20	38	23.7	046744

985 Screwdriver socket

- Made in Germany
- Extra short design
- With knurling
- DIN 7422, DIN 3124, ISO 2725-1



* = Not according to DIN

HAZET No.	s mm	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
985- 5 *	5	5	38	23	046836
985- 6	6	6	38	23	046843
985- 8	8	8	38	23	046850
985-10	10	10	40	25	046775
985-12	12	12	40	25	046782
985-14	14	14	40	25	046799
985-17 *	17	17	42	28	046805
985-19 *	19	19	42	28	046812

985 Screwdriver socket set

- Made in Germany
- Extra short design
- With knurling
- Sheet metal box (HAZET-blue)
- 2-component soft foam insert
- DIN 7422



HAZET No.	mm	EAN-No. 4000896+
985	12	046768



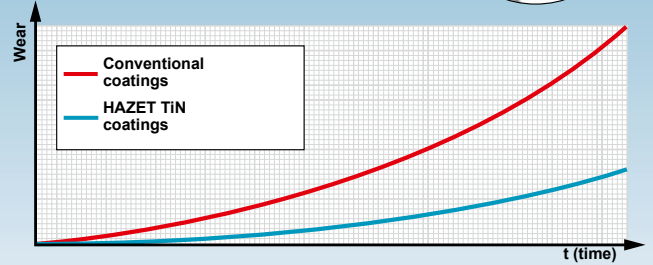
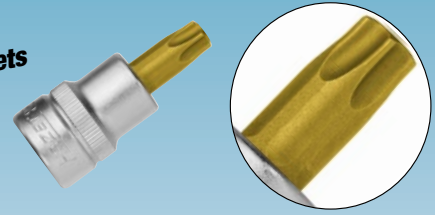
TiN coating



Why choose TiN (Titanium Nitride) coating?

- A special coating process for extremely hard TiN coating guarantees high adhesive strength and wear resistance of the coating
- Particularly suitable for continuous load, e. g. for industrial applications in industry and trade
- Higher wear protection guarantees a longer lifetime
- Perfect fitting accuracy due to optimum coating thickness
- Higher torque
- Optimized corrosion protection

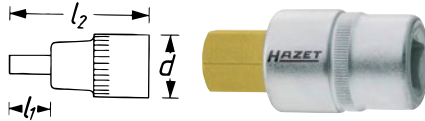
TiN-coated screwdriver sockets



986 Screwdriver socket

Made in Germany

- Short design
- With knurling
- Surface:
- DIN 7422, DIN 3124, ISO 2725-1



* = Not according to DIN

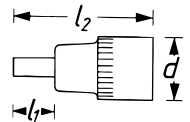
HAZET No.	S mm	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
986- 4 *	4	22	60	23	046928
986- 5 *	5	22	60	23	046935
986- 6	6	22	60	23	046942
986- 7	7	22	60	23	046959
986- 8	8	22	60	23	046973
986- 9	9	22	60	23	146734
986-10	10	22	60	23	046874
986-12	12	22	60	24.6	046881
986-14	14	22	60	24.6	046898
986-17 *	17	20	60	28.5	046904
986-19 *	19	20	60	31.5	046911
986-22 *	22	20.5	60	28	082865

HAZET No.	S mm	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
2584	6	32	70	23	017041

986 SL Screwdriver socket

Made in Germany

- Extra long design
- With knurling
- Surface:
- DIN 7422, DIN 3124, ISO 2725-1

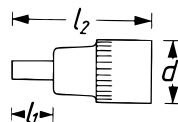
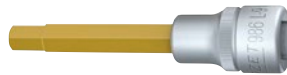


HAZET No.	S mm	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
986 SL- 4	4	102	140	23	232291
986 SL- 5	5	102	140	23	232376
986 SL- 6	6	102	140	23	232369
986 SL- 7	7	102	140	23	232352
986 SL- 8	8	102	140	23	232345
986 SL- 9	9	102	140	23	232338
986 SL-10	10	102	140	23	232321
986 SL-11	11	102	140	23	232314
986 SL-12	12	102	140	23	232536
986 SL-14	14	102	140	23	232307

986 L Screwdriver socket

Made in Germany

- Long design
- With knurling
- Surface:
- DIN 7422, DIN 3124, ISO 2725-1

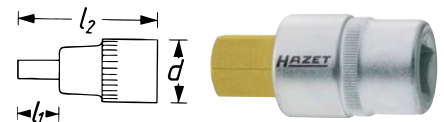


HAZET No.	S mm	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
986 L- 4	4	62	100	23	232635
986 L- 5	5	62	100	23	232628
986 L- 6	6	62	100	23	232611
986 L- 7	7	62	100	23	232604
986 L- 8	8	62	100	23	232598
986 L- 9	9	62	100	23	232581
986 L-10	10	62	100	23	232574
986 L-11	11	62	100	23	232567
986 L-12	12	62	100	23	232550
986 L-14	14	62	100	23	232543

986 A Screwdriver socket

Made in Germany

- Short design
- American dimensions
- With knurling
- Surface:
- DIN 3124, ISO 2725-1



HAZET No.	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
986 A- ⁵ / ₃₂	14	52	23	047048
986 A- ³ / ₁₆	14	52	23	047017
986 A- ⁷ / ₃₂	14	52	23	047062
986 A- ¹ / ₄	14	52	23	047000
986 A- ⁵ / ₁₆	14	52	23	047031
986 A- ³ / ₈	14	52	23	047024
986 A- ⁷ / ₁₆	14	52	23	047055
986 A- ¹ / ₂	14	52	23	046997

HAZET No.	S mm	l ₁ mm	l ₂ mm	EAN-No. 4000896+
2584-1	6	210	248	017058



Hand Tools

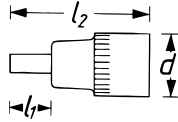
125 1/2 Range of sockets



986 KK Screwdriver socket

Made in Germany

- Especially for working in areas with restricted access (e.g. engine compartment)
- Long design
- With ball-head
- With knurling
- Surface: **TiN**
- DIN 3124, ISO 2725-1



TiN 125 1/2

HAZET No.	S mm	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
986 KK- 5	5	102	140	23	052103
986 KK- 6	6	102	140	23	050666
986 KK- 7	7	102	140	23	052110
986 KK- 8	8	102	140	23	052127
986 KK-10	10	102	140	23	052134
986 KK-12	12	102	140	24.6	052141

HAZET No.	S mm	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
2527-8	8	200	238	23	016310

986 Screwdriver socket set

Made in Germany

- Short design
- With knurling
- SmartCase (1/9) 165-S
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- Surface: **TiN**
- DIN 7422



986 • • 1/2
5 • 6 • 7 • 8 • 10
12 • 14 • 17 • 19

TiN 125 1/2



1/9				
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HAZET No.	L x W x H mm		EAN-No. 4000896+
986/9	185x153x52	9	051564

Made in Germany

- Short design
- With knurling
- SmartCase (1/9) 165-S
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- Surface: **TiN**
- DIN 7422



986 • • 1/2
5 • 6 • 7 • 8 • 9
10 • 12 • 14 • 17

TiN 125 1/2



1/9				
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HAZET No.	L x W x H mm		EAN-No. 4000896+
986/9 N	185x153x52	9	193530

986 Screwdriver socket set

Made in Germany

- With ball-head
- With knurling
- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- Surface: **TiN**
- DIN 7422



1/3				
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986 • • 1/2
5 • 6 • 7 • 8 • 10 • 12 • 14 • 17 • 19

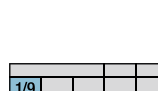
986 KK • • 1/2
6 • 7 • 8 • 10

HAZET No.	L x W x H mm		EAN-No. 4000896+
986/13	355x235x65	13	168330

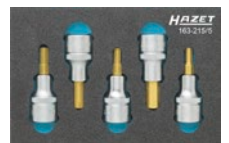
Made in Germany

- Short design
- With knurling
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- Surface: **TiN**

TiN 125 1/2



986 • • 1/2
5 • 6 • 7 • 8 • 10



HAZET No.	L x W mm		EAN-No. 4000896+
163-215/5	172x114	5	168217

Made in Germany

- With ball-head
- With knurling
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- Surface: **TiN**

TiN 125 1/2



1/3				
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986 • • 1/2
5 • 6 • 7 • 8 • 10 • 12 • 14 • 17 • 19

986 KK • • 1/2
6 • 7 • 8 • 10

HAZET No.	L x W mm		EAN-No. 4000896+
163-220/13	342x172	13	168286

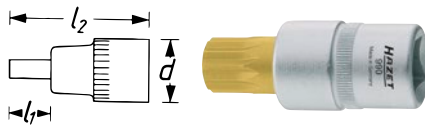


990 Screwdriver socket

Made in Germany

- Short design
- With knurling
- Surface:
- DIN 3124, ISO 2725-1

1/2



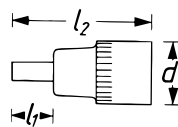
HAZET No.	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
990- 5	14	52	23	047307
990- 6	14	52	23	047314
990- 8	15	53	23	047321
990-10	15	53	23	047253
990-12	17	55	23	047277
990-14	20	58	24.6	047284
990-16	22	60	24.6	047291
990-18	45	85	26	108916

990 LG Screwdriver socket

Made in Germany

- Long design
- With knurling
- Surface:
- DIN 3124, ISO 2725-1

1/2



HAZET No.	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
990 Lg- 6	62	100	23	056248
990 Lg- 8	62	100	23	047352
990 Lg- 9	62	100	23	103140
990 Lg-10	62	100	23	047338
990 Lg-12	62	100	23	047345
990 Lg-14	62	100	23	065240

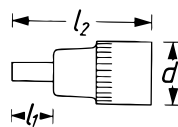
HAZET No.	EAN-No. 4000896+
2751	017508

990 SLG Screwdriver socket

Made in Germany

- Extra long design
- With knurling
- Surface:
- DIN 3124, ISO 2725-1

1/2



HAZET No.	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
990 S Lg-10	82	120	23	047369
990 S Lg-12	102	140	23	047376

990 Screwdriver socket set

Made in Germany

- With knurling
- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- Surface:

1/2



990 • 1/2
M 8 • M 10 • M 12
M 14 • M 16 • M 18



990 LG • 1/2
M 8 • M 14



990 SLG • 1/2
M 10 • M 12

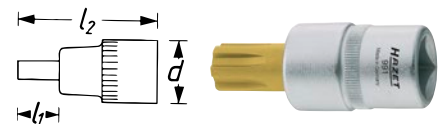
HAZET No.	L x W x H mm		EAN-No. 4000896+
990/10	355x235x65	10	168347

991 Screwdriver socket

Made in Germany

- Short design
- With knurling
- Surface:
- DIN 3124, ISO 2725-1

1/2



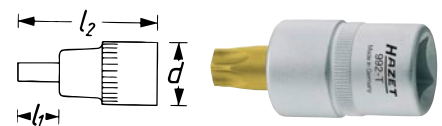
HAZET No.	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
991- 6	25	63	23	047451
991- 7	25	63	23	132799
991- 8	25	63	23	047468
991- 9	25	63	23	132812
991-10	25	63	23	047406
991-12	25	63	23	047413
991-14	25	63	24.6	047420

992 Screwdriver socket TORX®

Made in Germany

- Short design
- With knurling
- Surface:
- DIN 3124, ISO 2725-1

1/2



HAZET No.	l ₁ mm	l ₂ mm	d mm		EAN-No. 4000896+
992-T 20	17	55	23	3.86	047475
992-T 25	17	55	23	4.43	047482
992-T 27	17	55	23	4.99	047499
992-T 30	17	55	23	5.52	047505
992-T 40	17	55	23	6.65	047512
992-T 45	17	55	23	7.82	047529
992-T 50	17	55	23	8.83	047543
992-T 55	18	56	24.6	11.22	047574
992-T 60	18	56	24.6	13.25	047598



Hand Tools

125 1/2 Range of sockets



992 TORX® screwdriver socket set

Made in Germany

- Short design
- With knurling
- SmartCase (1/9) 165-S
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- Surface:



1/9				
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992 • • 1/2
 T 20 • T 25 • T 27
 T 30 • T 40 • T 45
 T 50 • T 55 • T 60

HAZET No.	L x W x H mm		EAN-No. 4000896+
992/9	185x153x52	9	051540

992 T TORX® screwdriver socket set

Made in Germany

- With knurling
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- Surface:



1/9				
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992 • • 1/2
 T 20 • T 25 • T 27 • T 30 • T 40
 T 45 • T 50 • T 55 • T 60

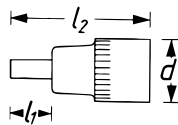


HAZET No.	L x W mm		EAN-No. 4000896+
163-271/9	172x114	9	181056

992 H Screwdriver socket TORX®

Made in Germany

- Face side hole
- Short design
- With knurling
- Surface:
- DIN 3124, ISO 2725-1

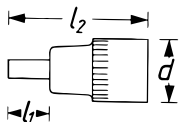


HAZET No.	l ₁ mm	l ₂ mm	d mm		EAN-No. 4000896+
992-T 30 H	17	55	23	5.52	050857
992-T 40 H	17	55	23	6.65	050864
992-T 45 H	17	55	23	7.82	050871
992-T 50 H	17	55	23	8.83	050888
992-T 55 H	18	56	23	11.22	050895

992 LG Screwdriver socket TORX®

Made in Germany

- Long design
- With knurling
- Surface:
- DIN 3124, ISO 2725-1

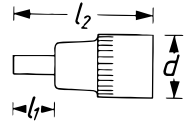


HAZET No.	l ₁ mm	l ₂ mm	d mm		EAN-No. 4000896+
992 Lg-T 50	62	100	23	8.83	103133
992 Lg-T 55	57	96	23.3	11.22	057337
992 Lg-T 60	45	83	23	13.25	100590
992 Lg-T 70	67	105	24.6	15.54	047611

992 SLG Screwdriver socket TORX®

Made in Germany

- Extra long design
- Surface:
- DIN 3124, ISO 2725-1



HAZET No.	l ₁ mm	l ₂ mm	d mm		EAN-No. 4000896+
992 S Lg-T 30	100	138	23	5.52	179183
992 S Lg-T 40	100	138	23	6.65	103539
992 S Lg-T 45	100	138	23	7.82	047635
992 S Lg-T 50	100	138	23	8.83	103454
992 S Lg-T 55	102	138	23	11.22	047642

163 Screwdriver socket set

Made in Germany

- Safety-Insert-System, 2-component soft foam insert.
- Insert also suitable for HAZET Assistant
- Surface:



2/3				
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992 • • 1/2
 T 20 • T 25 • T 27 • T 30 • T 40
 T 45 • T 50 • T 55 • T 60



HAZET No.	L x W mm		EAN-No. 4000896+
163-119/23	344x342	23	153510

986 • • 1/2 5 • 6 • 7 • 8 • 10 12 • 14 • 17 • 19	990 • • 1/2 M 8 • M 10 • M 12 M 14 • M 16 • M 18	990 SLG • • 1/2 M 10 • M 12
986 KK • • 1/2 6 • 7 • 8 • 10	990 LG • • 1/2 M 8 • M 14	

HAZET No.	L x W mm		EAN-No. 4000896+
163-119/23	344x342	23	153510

Made in Germany

- Safety-Insert-System, 2-component soft foam insert.
- Insert also suitable for HAZET Assistant
- Surface:



2/3				
-----	--	--	--	--

992 • • 1/2
 T 20 • T 25 • T 27
 T 30 • T 40 • T 45
 T 50 • T 55 • T 60



986 • • 1/2 4 • 5 • 6 • 7 8 • 9 • 10 • 12 17 • 19 • 22	990 • • 1/2 M 5 • M 6 • M 8 M 10 • M 12 • M 14 M 16 • M 18	991 • • 1/2 M 6 • M 7 • M 8 M 9 • M 10 • M 12 M 14	992 • • 1/2 T 20 • T 25 • T 27 T 30 • T 40 • T 45 T 50 • T 55 • T 60
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HAZET No.	L x W mm		EAN-No. 4000896+
163-407/35	344x342	35	199990



958 Adapter

Made in Germany

- With locking pin retaining
- Surface: chrome-plated
- DIN 3123, ISO 3316

12⁵ 1/2



HAZET No.	l mm	EAN-No. 4000896+
958-1	50	046676
958-2	36	046683

958 N Adapter set

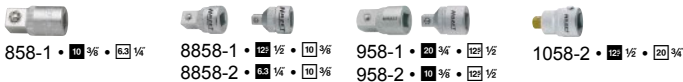
Made in Germany

- 1 adapter each
- SmartCase (1/9) 165-S
- Safety-Insert-System, 2-component soft foam insert.
Insert also suitable for HAZET Assistent

E
6.3 1/4
10 3/8
12⁵ 1/2
20 3/4
6.3 1/4
10 3/8
12⁵ 1/2
20 3/4



1/9				
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HAZET No.	L x W x H mm	□	EAN-No. 4000896+
958 N/6	185x153x52	6	168316

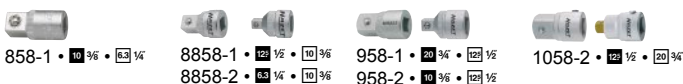
163 Adapter set

Made in Germany

- Safety-Insert-System, 2-component soft foam insert.
Insert also suitable for HAZET Assistent

E
6.3 1/4
10 3/8
12⁵ 1/2
20 3/4
6.3 1/4
10 3/8
12⁵ 1/2
20 3/4

1/9				
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HAZET No.	L x W mm	□	EAN-No. 4000896+
163-217/6	172x114	6	168231

2250 Adapter

Made in Germany

- For manual operation
- Inside square and inside hexagon sockets
- Clamping ball for bits
- Surface: chrome-plated



2250 Adapter

HAZET No.	l mm	EAN-No. 4000896+
2250-4	35	015504
2250-5	36	015511

920 Universal joint

Made in Germany

- With hinge – for working in areas with restricted access and for getting around obstructive edges
- With locking ball
- Surface: chrome-plated, polished
- DIN 3123, ISO 3316

12⁵ 1/2 12⁵ 1/2



HAZET No.	l mm	EAN-No. 4000896+
920	70	046515

917 Extension

Made in Germany

- With locking ball
- Surface: chrome-plated, head polished
- DIN 3123, ISO 3316

12⁵ 1/2 12⁵ 1/2



917-1: Length not according to DIN/ISO

HAZET No.	l mm	EAN-No. 4000896+
917-1	45	046362
917-3	76	046379
917-5	123	046386

918 Extension

Made in Germany

- With locking ball
- Surface: chrome-plated, head polished
- DIN 3123, ISO 3316

12⁵ 1/2 12⁵ 1/2



918-23 Length not according to DIN/ISO

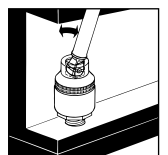
HAZET No.	l mm	EAN-No. 4000896+
918-10	248	046416
918-23	575	046423

919 Wobble extension

Made in Germany

- Spherical, conical outside square Angular movement to each side 12.5°
- By attaching the socket until its end stop is reached, the wobble extension may also be used as a rigid extension
- With locking ball
- Surface: chrome-plated, polished

12⁵ 1/2 12⁵ 1/2



HAZET No.	l mm	EAN-No. 4000896+
919- 1	46	046447
919- 5	123	046461
919-10	248	046454



Hand Tools

12⁵ 1/2 Range of sockets



958-28 Adapter extension

Made in Germany

- For operating deeply located screws, e.g. on gearboxes
- With locking ball
- Surface: chrome-plated

10 3/8 12⁵ 1/2



HAZET No.	l mm	EAN-No. 4000896+
958-28	700	046706

900 S Impact socket set

Made in Germany

- Sheet metal box (HAZET-blue)
- 2-component soft foam insert

E 12⁵ 1/2



900 S • 12⁵ 1/2 • 13 • 14 • 16 • 17 • 18 • 19 • 21 • 22 • 24 • 27



900 SLG • 12⁵ 1/2 • 13 • 16 • 17 • 18 • 19 • 21 • 22 • 24 • 27



9005 S-5 • 12⁵ 1/2 • 12⁵ 1/2



9006 S • 12⁵ 1/2 • 12⁵ 1/2



900 S
900 S-HF 1530
900 S-HF 814

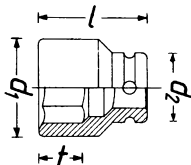
HAZET No.	L x W x H mm	□	EAN-No. 4000896+
900 S	435x215x62	23	057153

900 S Impact socket · 6-point

Made in Germany

- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3129, ISO 2725-2

12⁵ 1/2



* = Not according to DIN

HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
900 S-13	38	20.8	25	10	044146
900 S-14	38	22.1	25	10	044177
900 S-15	38	23.5	30	11	044191
900 S-16	38	24.8	30	11	044214
900 S-17	38	26.2	30	12	044238
900 S-18	38	27.5	30	12	044283
900 S-19	40	28.8	30	15	044306
900 S-21	40	31.3	30	15	044368
900 S-22	40	32.5	30	15	044382
900 S-24	44	35	30	17.5	044429
900 S-25 *	44	36.3	30	18.5	044450
900 S-27	45	38.8	30	19.5	044498
900 S-30	50	42	30	23.3	073207
900 S-32 *	50	44	30	23	073184

900 SK Impact socket set

Made in Germany

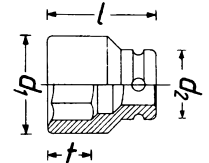
- Particularly suitable together with short impact wrenches e.g. HAZET 9012 A-1 · 9012 M · 9012 M-1 · 9012 MT

12⁵ 1/2

- Extra short design
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-2



13 · 17 · 19 · 21



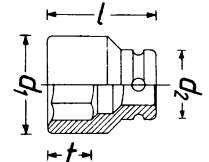
HAZET No.	l mm	□	EAN-No. 4000896+
900 SK/4	29	4	201785

900 SLG Impact socket · 6-point

Made in Germany

- Long design
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-2

12⁵ 1/2



+ = Reinforced design, with deep hexagon profile for wheel nuts/bolts

HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
900 S Lg-13	85	20.8	25	13	044764
900 S Lg-15	85	23.5	30	18	104277
900 S Lg-16	85	24.8	30	16	044788
900 S Lg-17	85	26.2	30	18.5	044801
900 S Lg-18	85	27.5	30	19	044825
900 S Lg-19	85	28.8	30	19.5	044849
900 S Lg-21 +	85	31.3	30	17.5	044863
900 S Lg-22	85	32.5	30	22	044887
900 S Lg-24	85	35	30	19.5	044917
900 S Lg-27	85	38.8	30	29	044931

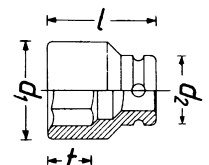
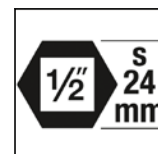
900 SLG6 Impact socket · 6-point

Made in Germany

- Operation via impact adapter e.g. HAZET 1003S-1 or nut-driver s 24 mm enables high force transmission thanks to optimal 20 mm = 3/4" drive



- Long design
- With borehole for locking pin or safety spring and groove for O-ring



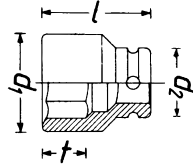
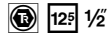
HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
900 S Lg 6-24	85	35	26.9	25	232789



901 SLG Impact socket · 6-point

Made in Germany

- Especially for wheel mounting or dismounting
- Extra slim style
- Long design
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-2



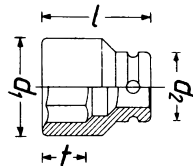
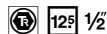
HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
901 S Lg-17	85	25.7	30	18.5	045723
901 S Lg-19	85	28.2	30	19	045747
901 S Lg-21	85	29.5	30	19.5	118304

902 SLG Impact socket · 6-point

Made in Germany

- Plastic insert to protect the surface of the wheel bolts

- Extra slim style
- Long design
- With borehole for locking pin or safety spring and groove for O-ring
- DIN 3124, ISO 2725-2



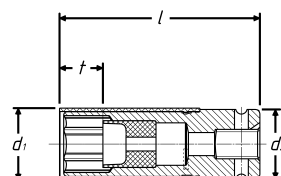
HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
902 S Lg-17	85	25.7	30	18	045778

903 SLG Impact socket · 6-point

Made in Germany

- Plastic insert to protect the surface of the wheel bolts
- Additionally with rotating outside plastic sleeve (except 903 S Lg-22) (replaceable) to protect the rims when screwing the wheel bolts

- Colour-coded plastic sleeve facilitates finding the correct size
- Long design
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-2



903 SLG Impact socket · 6-point



903 S Lg-22 without plastic insert. Outside plastic sleeve non-rotatable

HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
• Material-friendly wheel mounting or dismounting (alloy rims) s 15 mm especially for Smart For Two					
• Plastic sleeve grey					
903 S Lg-15	85	26	30	14	072231
• Optimised contours for deeper rim holes in e.g. AUDI S-Line, AMG, OZ etc.					
• Plastic sleeve blue					
903 S Lg-17	85	30	30	14	045822
• Plastic sleeve yellow					
903 S Lg-19	85	30	30	18	045839
• Material-friendly wheel mounting or dismounting (alloy rims) s 21 mm especially for TOYOTA, MAZDA and KIA and SMART For-Four					
• Optimised plastic insert, internal, for holding the cap nuts and for use of the entire profile length					
• Plastic sleeve red					
903 S Lg-21	85	30	31	17	055135
• Material-friendly wheel mounting or dismounting (alloy rims) s 21 mm for OPEL/VAUXHALL Insignia					
• Green plastic sleeve (non-rotatable)					
903 S Lg-22	85	30.5	30	22	155453

903 SPC Impact socket set

Made in Germany

- Plastic insert to protect the surface of the wheel bolts
- Outside plastic sleeve (replaceable) to protect the rims when screwing the wheel bolts

- Colour-coded plastic sleeve, for quickly finding the correct size
- Wrench sizes 17 · 19 · 21 mm
- Long design
- With borehole for locking pin or safety spring and groove for O-ring
- DIN 3124, ISO 2725-2



903 SLG • 17 · 19 · 21



HAZET No.	Quantity	EAN-No. 4000896+
903 SPC/3	3	128754

903 SLG Impact socket set

Made in Germany

- 3 sockets each in a practical storage box
- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-2



HAZET No.	l mm	Quantity	EAN-No. 4000896+
903 S Lg-17 (3x)			
903 S Lg-17/3	85	3	191697
903 S Lg-19 (3x)			
903 S Lg-19/3	85	3	191734



Hand Tools

125 1/2 Range of sockets



903 SLG6 Impact socket · 6-point

Made in Germany



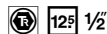
- Operation via impact adapter e.g. HAZET 1003S-1 or nut-driver ≤ 24 mm enables high force transmission thanks to optimal 20 mm = 3/4" drive
- Hexagon mounted on the socket enables adaptation to 20 mm = 3/4" drive
- **Rotating outside plastic sleeve** (replaceable) to protect the rims when screwing the wheel bolts
- Colour-coded plastic sleeve facilitates finding the correct size
- **Plastic insert** to protect the surface of the wheel bolts
- Long design
- With borehole for locking pin or safety spring and groove for O-ring
- DIN 3124, ISO 2725-2



HAZET No.	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
• Plastic sleeve blue					
903 S Lg 6-17	85	30	27	14	223596
• Plastic sleeve yellow					
903 S Lg 6-19	85	30	27	18	223589

903 SLG6 Impact socket set

Made in Germany



- Operation via impact adapter e.g. HAZET 1003S-1 or nut-driver ≤ 24 mm enables high force transmission thanks to optimal 20 mm = 3/4" drive
- Hexagon mounted on the socket enables adaptation to 20 mm = 3/4" drive
- **Rotating outside plastic sleeve** (replaceable) to protect the rims when screwing the wheel bolts
- Colour-coded plastic sleeve facilitates finding the correct size
- **Plastic insert** to protect the surface of the wheel bolts
- Long design
- With borehole for locking pin or safety spring and groove for O-ring
- DIN 3124, ISO 2725-2



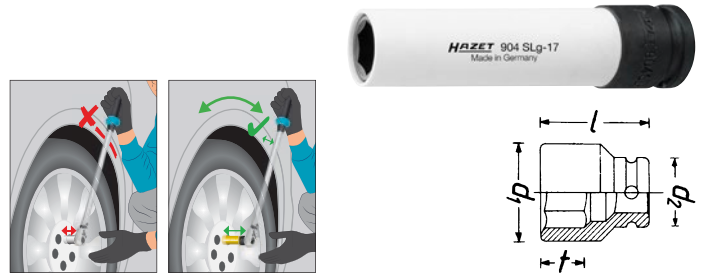
HAZET No.	Quantity	EAN-No. 4000896+
903 S Lg 6/5	5	223602

904 SLG Impact socket · 6-point · extra long

Made in Germany



- **Plastic insert** to protect the surface of the wheel bolts
- Safe distance from wing when screwing closed with HAZET torque wrench – no extension necessary
- Outside plastic sleeve (rotatable) to protect the rim
- **Extra long design**
- With borehole for locking pin or safety spring and groove for O-ring
- DIN 3124, ISO 2725-2



HAZET No.	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
Especially for wheel mounting and dismounting on AMG-rims and/or alloy rims with deeply located wheel bolts					
904 S Lg-17	130	28.3	30	18.3	100576
Particularly suitable for wheel mounting and assembly on SUVs e.g. PORSCHE Cayenne, Macan, AUDI Q7, Q5, VW Touareg					
904 S Lg-19	130	30.8	30	18	203710

905 SLG Impact socket · hybrid special profile

Made in Germany



- **Optimised external contour** for better protection of deep rim holes
- Application: Especially for wheel mounting and dismounting of **light-alloy rims for hybrid wheel bolts in all new MERCEDES-BENZ** vehicles
- **Plastic insert** to protect the surface of the wheel bolts
- **Rotating outside plastic sleeve** to protect the rims when screwing the wheel bolts – no aluminium corrosion through prevention of scratches
- Long design
- With borehole for locking pin or safety spring and groove for O-ring
- DIN 3124, ISO 2725-2
- On e.g. MERCEDES-BENZ C-Class type 204, 204X · E-Class type 211, 212, 207 · SLK type 172 · M-Class type 164, 166 · S-Class type 221, 222 · CL-Class type 216



HAZET No.	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
905 S Lg-17	86	28.4	30	18	198795

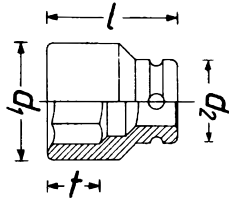
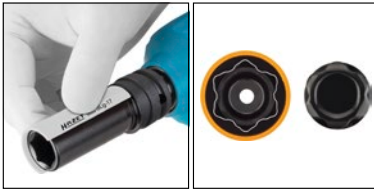


905 SLG Impact socket · special profile

Made in Germany

- Plastic insert to protect the surface of the wheel bolts
- Rotating outside plastic sleeve to protect the rims when screwing the wheel bolts – no aluminium corrosion through prevention of scratches

- Long design
- With borehole for locking pin or safety spring and groove for O-ring
- DIN 3124, ISO 2725-1
- Wheel nuts with special profile s 21 mm on **HYUNDAI i30, Tucson and KIA**



HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
905 S Lg-21	86.8	31	30	19.8	201624

900 SLG Plastic sleeve

Made in Germany

HAZET No.	EAN-No. 4000896+
• Plastic sleeve white · for 903 S Lg-15	
903 S Lg-015	081462
• Plastic sleeve blue · for 903 S Lg-17	
903 S Lg-017	045808
• Plastic sleeve yellow · for 903 S Lg-19	
903 S Lg-019	045815
• Plastic sleeve red · for 903 S Lg-21	
903 S Lg-021	055692
• Plastic sleeve green · for 903 S Lg-22	
903 S Lg-022	155255
• Plastic sleeve white · for 904 S Lg-17	
904 S Lg-017	203352
• Plastic sleeve yellow · for 904 S Lg-19	
904 S Lg-019	205523
• Plastic sleeve white · for 905 S Lg-17	
905 S Lg-017	203833
• Plastic sleeve white · for 905 S Lg-21	
905 S Lg-021	203345

900 SZ Impact socket set

Made in Germany

- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-1

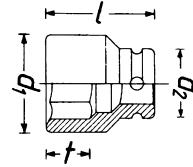


HAZET No.	EAN-No. 4000896+
900 SZ/4	156375

900 SZ Impact socket · 12-point

Made in Germany

- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-2



HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
900 S Z-12	38	19.5	25	6.8	061785
900 S Z-13	38	20.8	25	6.8	061792
900 S Z-14	38	22.1	25	9.3	061808
900 S Z-15	38	23.5	30	9.3	061815
900 S Z-16	38	24.8	30	9.2	061822
900 S Z-17	38	26.2	30	9.2	061839
900 S Z-18	38	27.5	30	10.7	061846
900 S Z-19	40	28.8	30	11.6	061853
900 S Z-21	40	30	31.3	11.7	075362
900 S Z-22	40	30	32.5	11.7	075379
900 S Z-24	44	35	30	17.5	115556
900 S Z-27	45	38.8	30	17.9	115822
900 S Z-30	50	42	30	23.3	086573
900 S Z-32	50	44.5	30	22.2	115921
900 S Z-34	55	47.5	30	22.2	116034
900 S Z-36	60	50	30	25	100132

HAZET No.	s mm	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
3047-36	36	60	47	30	25	190683

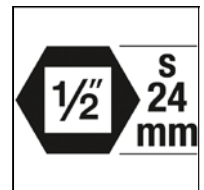
900 SZ6 Impact socket · 12-point

Made in Germany

- Operation via impact adapter e.g. HAZET 1003S-1 or nut-driver s 24 mm enables high force transmission thanks to optimal 20 mm = 3/4" drive



- 6-point mounted on the socket enables adaptation to 20 mm = 3/4" drive
- Short design
- With borehole for locking pin or safety spring and groove for O-ring
- 2-component soft foam insert
- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-2



900 SZ6 · 12 · 1/2	1000 S · 3/4	1003 S-1 · 3/4
19 · 21 · 22 · 24	1000 S-G 1736	
27 · 30 · 32 · 36	1000 S-H 1736	

HAZET No.	EAN-No. 4000896+
900 SZ 6/11	225378



Hand Tools

125 1/2 Range of sockets

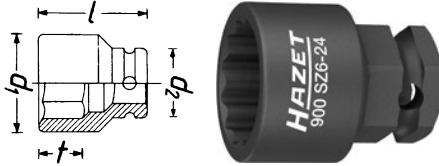
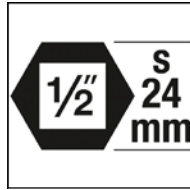


900 SZ6 Impact socket · 12-point

Made in Germany

• Operation via impact adapter e.g. HAZET 1003S-1 or nut-driver ≤ 24 mm enables high force transmission thanks to optimal 20 mm = 3/4" drive

- 6-point mounted on the socket enables adaptation to 20 mm = 3/4" drive
- Short design
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-2

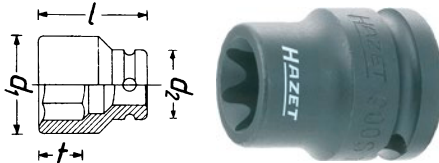


HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
900 SZ 6-19	40	30.5	27	11.6	225293
900 SZ 6-21	40	32.5	27	11.7	225309
900 SZ 6-22	40	32.5	27	11.7	225316
900 SZ 6-24	44	36	27	17.5	225323
900 SZ 6-27	45	40	27	17.9	225330
900 SZ 6-30	50	43	27	23.3	225347
900 SZ 6-32	50	45	27	22.2	225354
900 SZ 6-36	60	53	27	25	225361

900 S-E Impact socket · TORX®

Made in Germany

- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-2

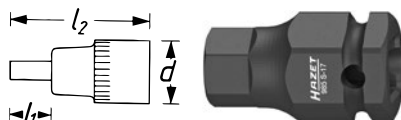
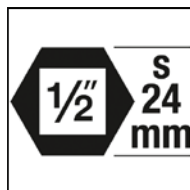


HAZET No.	l mm	d ₁ mm	d ₂ mm	⌀ mm	EAN-No. 4000896+
900 S-E 10	38	14	25	9.42	044542
900 S-E 12	38	15.9	25	11.17	044566
900 S-E 14	38	17.7	25	12.90	044580
900 S-E 16	38	20	25	14.76	044603
900 S-E 18	38	22	30	16.70	044627
900 S-E 20	38	24.5	30	18.49	044641
900 S-E 24	41.2	30	30	22.16	044665

985 S Impact · screwdriver socket

Made in Germany

- Drive optionally with 12.5 mm = 1/2" or 24 mm,
- Optionally with adapter HAZET 1003 S-1
- Short design
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-2

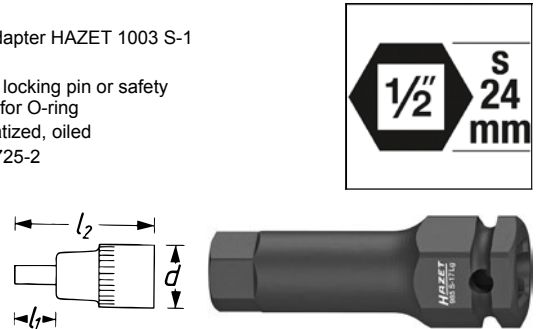


985 S Impact · screwdriver socket

HAZET No.	S mm	l ₁ mm	l ₂ mm	EAN-No. 4000896+
985 S-14	14	9	45	211968
985 S-17	17	11	45	211975
985 S-19	19	13	45	211982
985 S-22	22	20.5	45	218219
985 S-24	24	-	45	218226

Made in Germany

- Drive optionally with 12.5 mm = 1/2" or 24 mm,
- Optionally with adapter HAZET 1003 S-1
- Long design
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-2



HAZET No.	S mm	l ₁ mm	l ₂ mm	EAN-No. 4000896+
985 S-14 Lg	14	9	75	211999
985 S-17 Lg	17	11	75	212002
985 S-19 Lg	19	13	75	212019

Made in Germany

- 20 = 3/4" drive allows transmission of high separation forces
- Drive optionally with 12.5 mm = 1/2" or 24 mm,
- Optionally with adapter HAZET 1003 S-1
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-2
- Contents:
 - s 14, 17, 19 mm in short and long style
 - 1 adapter 20 = 3/4" on s 24 mm
 - 2 locking pins
 - 2 O-rings



985 S · ○ · 125 1/2 14 · 17 · 19	985 S · ○ · 125 1/2 14 · 17 · 19	1000 S · ○ · 20 3/4 1000 S-G 1736 1000 S-H 1736	1003 S-1 · ○ · 20 3/4
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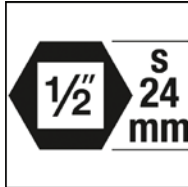
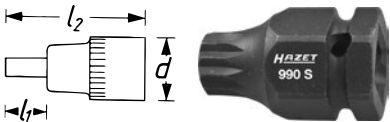
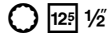
HAZET No.	□	EAN-No. 4000896+
985 S/11	11	211951



990 S Impact screwdriver socket

Made in Germany

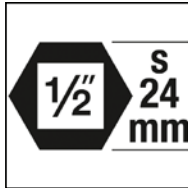
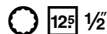
- Choice of □ drive 12.5 = 1/2" or ● 24 mm
- Short design
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-2



HAZET No.	l ₁ mm	l ₂ mm	EAN-No. 4000896+
VW Passat 3C rear brake carrier screw connection and front shock absorber screw connection, VW T4 lower supporting joint. Holding up the shock absorber in VW Golf 5, 6, Polo 9N, 9N2, AUDI A3 type 8P, TT and SEAT León			
990 S-14	4	43	160846
Brake system, camshaft drive wheel and rear brake callipers e.g. VW Touareg and Phaeton			
990 S-16	5	43	160853
Installation and removal of the wheel bearing/hub unit e.g. VW Touran, model year 2004 →, AUDI A3, model year 2004 →, Golf 5 as well as identical SKODA			
990 S-18	6	43	160860

Made in Germany

- Choice of □ drive 12.5 = 1/2" or ● 24 mm
- Long design
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-2

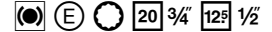


HAZET No.	l ₁ mm	l ₂ mm	EAN-No. 4000896+
Rear brake carrier screw connection and front shock absorber connection VW Passat 3C Flywheel MB 541-542-904 Holding up the shock absorber in VW Golf 5, 6, Polo 9N, 9N2, AUDI A3 type 8P, TT, SEAT León			
990 S-14 Lg	39.7	75	161003
Brake system, camshaft drive wheel and rear brake callipers e.g. VW T5, model year 2004 → 2.5 TDI engine code: AXD, BNZ, Touareg, model year 2003 → engine code: BAC, BPE and Phaeton, Atego flywheel.			
990 S-16 Lg	40.6	75	161010
Chassis and for installation and removal of the wheel bearing/hub unit e.g. VW Touran, model year 2004 →, AUDI A3, model year 2004, Golf 5 and identical SKODA			
990 S-18 Lg	41.1	75	161027

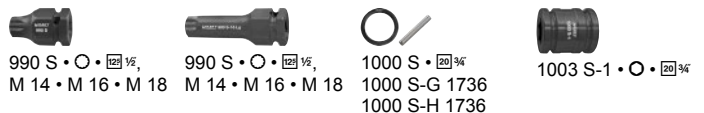
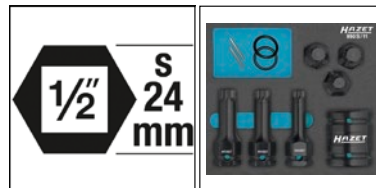
990 S Impact screwdriver socket set

Made in Germany

- □ 20 = 3/4" drive allows transmission of high separation forces



- Choice of □ drive 12.5 = 1/2" or ● 24 mm
- With borehole for locking pin or safety spring and groove for O-ring
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-2
- Installation and removal of the wheel bearing / hub unit
- For e.g. **AUDI** A3 model year 2004 →, **VW** Touran model year 2004 →, Golf 5 model year 2003 →, **SKODA** Octavia model year 2008 →, **SEAT** León model year 2005 →
- **990 S-14**: **VW** Passat 3C rear brake carrier screw connection and front shock absorber screw connection, **VW** T4 lower supporting joint. Retaining the shock absorber in **VW** Golf 5, 6, Polo 9N, 9N2, **AUDI** A3 type 8P, TT and **SEAT** León
- **990 S-16**: brake system, camshaft drive wheel and rear brake callipers e.g. **VW** Touareg and Phaeton
- **990 S-18** Installation and removal of the wheel bearing / hub unit e.g. **VW** Touran, model year 2004 →, **AUDI** A3, model year 2004 →, Golf 5 and identical **SKODA**
- **990 S-14 Lg**: rear brake carrier screw connection and front shock absorber connection **VW** Passat 3C Flywheel MB 541-542-904
- Holding up the shock absorber in **VW** Golf 5, 6, Polo 9N, 9N2, **AUDI** A3 type 8P, TT, **SEAT** León
- **990 S-16 Lg**: brake system, camshaft drive wheel and rear brake callipers e.g. **VW** T5 model year 2004 → 2.5 TDI engine code: AXD, BNZ, Touareg model year 2003 → engine code: BAC, BPE and Phaeton, Atego flywheel.
- **990 S-18 Lg**: chassis and for installation and removal of the wheel bearing/hub unit e.g. **VW** Touran, model year 2004 →, **AUDI** A3, model year 2004, Golf 5 and identical **SKODA**



HAZET No.	Part No.	EAN-No. 4000896+
990 S/11	11	162406





Hand Tools

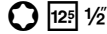
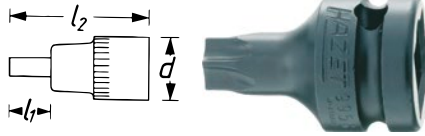
12⁵ 1/2 Range of sockets



995 S Impact socket · TORX®

Germany Made in Germany

- Short design
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-1



HAZET No.	l ₁ mm	l ₂ mm	d mm	mm	EAN-No. 4000896+
995 S-T 30	21.4	40	25.1	5.52	047666
995 S-T 40	21.1	40	25.1	6.65	047680
995 S-T 45	21.1	40	25.1	7.82	057597
995 S-T 50	22.4	40	25.1	8.83	047703
995 S-T 55	22.4	40	25.1	11.22	047727
995 S-T 60	22.1	40	25.1	13.25	047741

9007 S Impact adapter

Germany Made in Germany

- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled

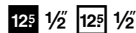


HAZET No.	l mm	EAN-No. 4000896+
• Drive 10 = 3/8" – □ drive 12.5 = 1/2"		
9007 S	37	072545
• Drive 20 = 3/4" – □ drive 12.5 = 1/2"		
9007 S-1	49	043217

9006 S Impact ball joint

Germany Made in Germany

- With hinge – for working in areas with restricted access and for getting around obstructive edges
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: burnished, oiled

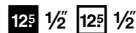


HAZET No.	l mm	EAN-No. 4000896+
• Angular movement 25°		
9006 S	69	043170

9005 S Impact extension

Germany Made in Germany

- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled



HAZET No.	l mm	EAN-No. 4000896+
9005 S-5	130	043163

900 S O-ring and connecting pin

Germany Made in Germany



HAZET No.	mm	EAN-No. 4000896+
• For sockets □ 10 = 3/8" · 12.5 = 1/2" 8 – 14 mm, 13 mm long style, E 10 – E 16, T 30 – T 60		
900 S-G 1014	∅ 19x4	044689
• For sockets □ 10 = 3/8" · 12.5 = 1/2" 15 – 27 mm, 16 – 27 mm long style, E 18 – E 24, extensions, universal joints, adapters		
900 S-G 1527	∅ 24x4	044696
• Connecting pin for sockets □ 10 = 3/8" · 12.5 = 1/2" 8 – 14 mm 13 mm long style · E 10 – E 16 T 30 – T 60		
900 S-H 1014	∅ 3x20	044702
• Connecting pin for sockets □ 10 = 3/8" · 12.5 = 1/2" 15 – 27 mm · 16 – 27 mm long style E 18 – E 24 extensions · universal joints · adapters		
900 S-H 1527	∅ 3x26	044719

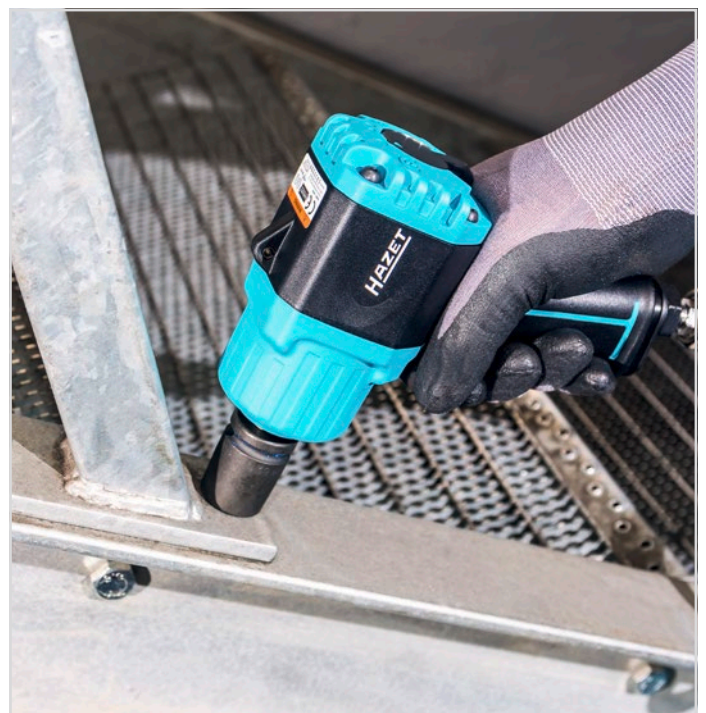
900 S Safety spring

Germany Made in Germany

- For machine-operated sockets according to DIN 3129



HAZET No.	mm	EAN-No. 4000896+
• Safety springs for sockets □ 10 = 3/8" · 12.5 = 1/2" 8 – 14 mm · E 10 – E 16 For 900 S		
900 S-HF 814	∅ 21	044733
• Safety springs for sockets □ 10 = 3/8" · 12.5 = 1/2" 15 – 27 mm · E 18 – 24 extensions · universal joints · adapters		
900 S-HF 1530	∅ 25	044726





20 3/4" Range of sockets

1000 Socket set

Made in Germany

- Sheet metal box (HAZET-blue)
- 2-component soft foam insert

(E) ● 20 3/4"



1000 • ● • 20 3/4"
22 • 24 • 27 • 30 • 32
36 • 38 • 41 • 46 • 50

1014



1015-1 • 20 3/4"



1016 • 20 3/4"



1017-8 • 20 3/4" • 20 3/4"



1018 • 20 3/4" • 20 3/4"

HAZET No.	L x W x H mm		EAN-No. 4000896+
1000	578x235x88	15	000616

1002 Socket set

Made in Germany

- Sheet metal box (HAZET-blue)
- 2-component soft foam insert

(E) ● 20 3/4"



1000 • ● • 20 3/4"
22 • 24 • 27 • 30
32 • 36 • 38 • 41
46 • 50 • 55 • 60

1014



1015-1 • 20 3/4"



1016 • 20 3/4"



1017-8 • 20 3/4" • 20 3/4"



1018 • 20 3/4" • 20 3/4"



1021 • 20 3/4" • 20 3/4"

HAZET No.	L x W x H mm		EAN-No. 4000896+
1002	578x235x88	18	001736

1000 Z Socket set

Made in Germany

- With 12-point sockets
- Sheet metal box (HAZET-blue)
- 2-component soft foam insert

(E) ● 20 3/4"



1000 Z Socket set

(E) ● 20 3/4"



1000 Z • ● • 20 3/4"
22 • 24 • 27 • 30 • 32
36 • 38 • 41 • 46 • 50

1014



1015-1 • 20 3/4"



1016 • 20 3/4"



1017-8 • 20 3/4" • 20 3/4"



1018 • 20 3/4" • 20 3/4"

HAZET No.	L x W x H mm		EAN-No. 4000896+
1000 Z	578x235x88	15	001477

1002 Z Socket set

Made in Germany

- With 12-point sockets
- Sheet metal box (HAZET-blue)
- 2-component soft foam insert

(E) 20 3/4"



1000 Z • ● • 20 3/4"
22 • 24 • 27 • 30 • 32
36 • 38 • 41 • 46 • 50



1000 • ● • 20 3/4"
55 • 60



1014

1014



1015-1 • 20 3/4"



1016 • 20 3/4"



1017-8 • 20 3/4" • 20 3/4"



1018 • 20 3/4" • 20 3/4"



1021 • 20 3/4" • 20 3/4"

HAZET No.	L x W x H mm		EAN-No. 4000896+
1002 Z	578x235x88	18	001743

1000 AZ Socket set

Made in Germany

- With 12-point sockets
- American dimensions
- Sheet metal box (HAZET-blue)
- 2-component soft foam insert

(E) ● 20 3/4"



1000 AZ • ● • 20 3/4"
7/8 • 1 1/16 • 1 • 1 1/16
1 1/8 • 1 3/16 • 1 1/4 • 1 5/16
1 3/8 • 1 7/16 • 1 1/2 • 1 5/8
1 3/4 • 1 13/16 • 1 7/8 • 2



1014

1014



1015-1 • 20 3/4"



1016 • 20 3/4"



1017-8 • 20 3/4" • 20 3/4"



1018 • 20 3/4" • 20 3/4"

HAZET No.	L x W x H mm		EAN-No. 4000896+
1000 AZ	578x235x88	21	000982



Hand Tools

20 3/4" Range of sockets



1016 Reversible ratchet head

Made in Germany

- Number of teeth: 32
- Opening angle: 11.25°
- Shank with bolt for locking pin retaining, output with locking pin retaining
- Surface: chrome-plated
- DIN 3122, ISO 3315

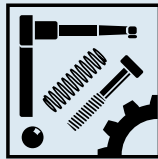
ⓔ 20 3/4"



HAZET No.	l mm	EAN-No. 4000896+
1016	165	001941

Wear? – No problem!

- HAZET tools are manufactured to the **highest quality**. During long intensive loading there is a certain level of wear even for high-quality tools.
- For this reason, there are spare parts and replacement sets available for many of our tools.

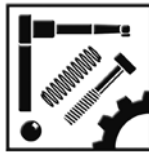
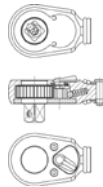


Cost-saving – Sustainable – Resource-saving!
For long-term pleasure with your HAZET tools

1016 Replacement set

Made in Germany

- Number of teeth: 32
- Opening angle: 11.25°



HAZET No.	EAN-No. 4000896+
1016/6	001972
1016/8 N	001989

• **Replacement set for shift lever** consisting of: shift lever · screws · ball · compression spring
For HAZET reversible ratchet 1016 · 1016/2
For HAZET torque wrench 5145-3 CT · 6132-1 CT · 6143 CT · 6143-1 CT · 6144 CT · 6144-1 CT · 6145 CT · 6145-1 CT · 6146-1 CT

• **Replacement set for ratchet wheel** 20 3/4" ■ consisting of: ratchet wheel · pawl · shift lever · screws · ball · compression spring
For HAZET reversible ratchet 1016 · 1016/2
For HAZET torque wrench 5145-3 CT · 6132-1 CT · 6143 CT · 6143-1 CT · 6144 CT · 6144-1 CT · 6145 CT · 6145-1 CT · 6146-1 CT

1016 Reversible ratchet head with handle bar

Made in Germany

- Number of teeth: 32
- Opening angle: 11.25°
- Shank with bolt for locking pin retaining, output with locking pin retaining
- Surface: chrome-plated, polished

ⓔ 20 3/4"



HAZET No.	l mm	EAN-No. 4000896+
1016/2	620	001965

1015 Handle bar with sliding head

Made in Germany

- Handle bar HAZET 1014 and sliding head 1015-1
- With locking pin retaining
- Surface: chrome-plated, polished
- DIN 3122

20 3/4"



HAZET No.	l mm	EAN-No. 4000896+
1015/2	500	001927

1015 Sliding head

Made in Germany

- For handle bar HAZET 1014 or 1014 P
- With locking pin retaining
- Surface: chrome-plated, polished
- DIN 3122

20 3/4"



HAZET No.	l mm	EAN-No. 4000896+
1015-1	60	001910

1014 Handle bar

Made in Germany

- For sliding head HAZET 1015-1 or ratchet head HAZET 1016
- With ball and locking pin retaining
- Surface: chrome-plated
- DIN 3122



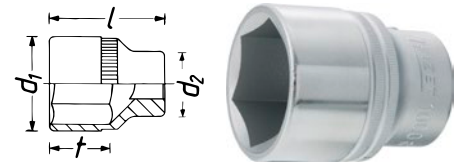
HAZET No.	l mm	EAN-No. 4000896+
1014	500	001897

1000 Socket · 6-point

Made in Germany

- Short design
- With knurling
- With bolt for locking pin retaining
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1

ⓔ 20 3/4"



* = Not according to DIN

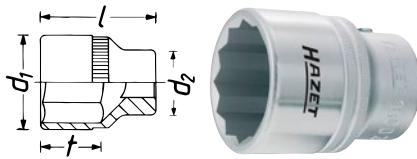
HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
1000-19 *	52	28	33.2	14.5	000623
1000-21	52	31	33.2	14	000647
1000-22	52	32	33.2	14	000654
1000-24	52	34	36	16.5	000661
1000-27	54	38	35	19.3	000678
1000-30	55	42	36	21.5	000692
1000-32	58	44.5	36	24	000708
1000-33	59	46	36	24.5	000715
1000-34	60	47.5	36	25.5	000722
1000-36	61.5	49.5	38	26.5	000746
1000-38 *	65	52.5	39	29	000760
1000-41	68.5	55.5	39	32	000784
1000-42 *	70	57.5	41	32	000791
1000-46	73	62	44	34	000807
1000-50	76	67	45	37.1	000814
1000-55 *	82	73.5	45	40.8	000821
1000-60 *	88	80	45	44.9	000838



1000 Z Socket · 12-point

Made in Germany

- Short design
- With knurling
- With bolt for locking pin retaining
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



20 3/4"

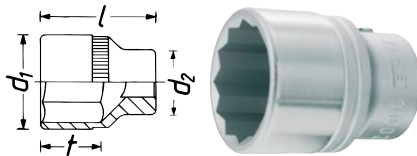
* = Not according to DIN

HAZET No.	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
1000 Z-22	52	32	33.2	13.5	001507
1000 Z-24	52	34	36	16	001521
1000 Z-27	54	38	35	18.8	001552
1000 Z-30	55	42	36	21	001583
1000 Z-32	58	44.5	36	23.4	001590
1000 Z-34	60	47.5	36	24.8	001613
1000 Z-35 *	61.5	48.5	35.5	25.8	001620
1000 Z-36	61.5	49.5	36	25.7	001637
1000 Z-38 *	65	52.5	38	28.3	001644
1000 Z-41	68.5	55.5	39	31.2	001651
1000 Z-46	73	62	44	34	001675
1000 Z-50	76	67	45	37.1	001699
1000 Z-55	82	73.5	45	40.8	001712

1000 AZ Socket · 12-point

Made in Germany

- Short design
- **American dimensions**
- With knurling
- With bolt for locking pin retaining
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



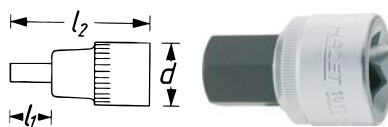
20 3/4"

HAZET No.	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
1000 AZ-7/8	52	32	33.2	13.5	001170
1000 AZ-15/16	52	34	36	16.9	001132
1000 AZ-1	52	36.5	33.2	16.9	000999
1000 AZ-1.1/16	54	38	35	18.8	001002
1000 AZ-1.1/8	55	40	36	20.8	001033
1000 AZ-1.3/16	55	42	36	21	001064
1000 AZ-1.1/4	58	44.5	36	23.4	001026
1000 AZ-1.5/16	59	46	36	23.9	001095
1000 AZ-1.3/8	61.5	48.5	36	25.8	001088
1000 AZ-1.7/16	63	50	36	27.2	001118
1000 AZ-1.1/2	65	52.5	38	28.6	001019
1000 AZ-1.9/16	68.5	55.5	39	31.2	001101
1000 AZ-1.3/4	72	60	41	33.6	001071
1000 AZ-1.19/16	73	62	44	34	001057
1000 AZ-1.7/8	73	64	45	35	001125
1000 AZ-2	78	68	45	38.7	001149

1010 Screwdriver socket

Made in Germany

- Short design
- With knurling
- With bolt for locking pin retaining
- Surface: chrome-plated, tips burnished
- DIN 7422, DIN 3124, ISO 2725-1



20 3/4"

HAZET No.	S mm	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
1010-14	14	16.7	54.5	36	001842
1010-17	17	19.7	54.5	36	001859
1010-19	19	21.7	56.5	36	001866
1010-22	22	24.7	56.5	36	001873

2784 Brake calliper screwdriver socket

Made in Germany

- Drive allows transmission of high separation forces
- Enables controlled screw tightening with the torque value required by the manufacturer (follow manufacturer's instructions) e.g. with torque wrench HAZET 6144-1 CT
- With knurling
- With bolt for locking pin retaining
- DIN 3124, ISO 2725-1



20 3/4"

HAZET No.	S mm	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
2784-14	14	60	112	33.2	155583

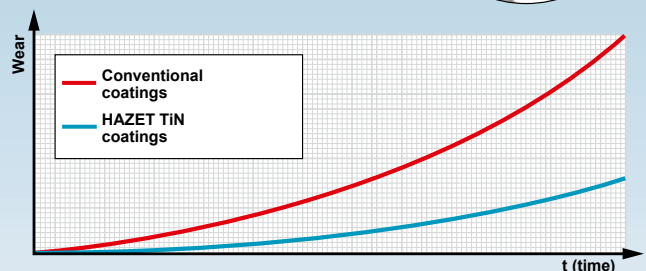
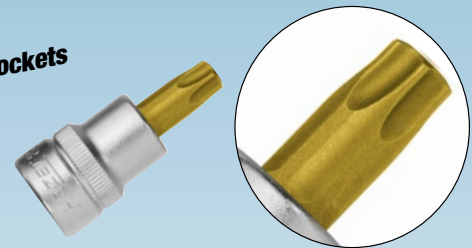
TiN coating



Why choose TiN (Titanium Nitride) coating?

- A special coating process for extremely hard TiN coating guarantees high adhesive strength and wear resistance of the coating
- Particularly suitable for continuous load, e. g. for industrial applications in industry and trade
- Higher wear protection guarantees a longer lifetime
- Perfect fitting accuracy due to optimum coating thickness
- Higher torque
- Optimized corrosion protection

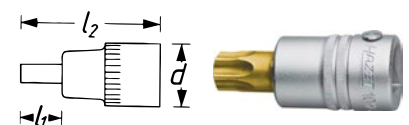
TiN-coated screwdriver sockets



1012 Screwdriver socket TORX®

Made in Germany

- Short design
- With knurling
- With bolt for locking pin retaining
- Surface: TiN
- DIN 3124, ISO 2725-1



TiN 20 3/4"

HAZET No.	l ₁ mm	l ₂ mm	mm	EAN-No. 4000896+
1012-T 60	28	80	13.25	087488
1012-T 70	28	80	15.54	087495
1012-T 80	28	80	17.59	087501
1012-T 90	28	80	19.95	087518
1012-T 100	28	80	22.15	087525



Hand Tools

20 3/4" Range of sockets



1058 Adapter

Made in Germany

- With bolt for locking pin retaining
- Surface: chrome-plated
- DIN 3123, ISO 3316

20 3/4"



HAZET No.	l mm	EAN-No. 4000896+
• Drive 25 = 1" – □ drive 20 = 3/4"		
• Locking pin retaining		
1058-1	60.6	002061
• Drive 12.5 = 1/2" – □ Drive 20 = 3/4"		
• Locking ball		
• Replaceable square 1058-02 A		
1058-2	52.3	002078
• Insert square for HAZET adapter 1058-2		
1058-02 A	–	233557

1021 Universal joint

Made in Germany

- With hinge – for working in areas with restricted access and for getting around obstructive edges
- Drive with bolt for locking pin retaining, output with locking pin retaining
- Surface: chrome-plated
- DIN 3123, ISO 3316

20 3/4" 20 3/4"



HAZET No.	l mm	EAN-No. 4000896+
1021	105	002054

1017 Extension

Made in Germany

- Drive with bolt for locking pin retaining, output with locking pin retaining
- Surface: chrome-plated, polished

20 3/4" 20 3/4"



1017-8 = DIN 3123, ISO 3316

HAZET No.	l mm	EAN-No. 4000896+
1017-3	75	001996
1017-8	200	002016

1018 Extension

Made in Germany

- Drive with bolt for locking pin retaining, output with locking pin retaining
- DIN 3123, ISO 3316

20 3/4" 20 3/4"



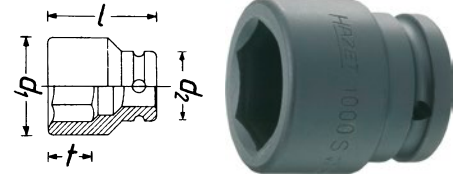
HAZET No.	l mm	EAN-No. 4000896+
1018	400	002030

1000 S Impact socket · 6-point

Made in Germany

- For extremely high load
- Short design
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3129, ISO 2725-2

20 3/4"



* = Not according to DIN

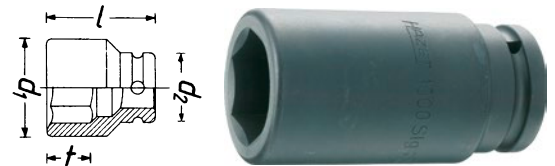
HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
1000 S-19 *	48	32	44	13	001231
1000 S-22	50	36.5	44	16	001248
1000 S-24	50	39.5	44	17	001255
1000 S-27	51	43.5	44	19	001262
1000 S-28 *	54	45	44	19	001279
1000 S-30	54	47.4	44	21	001293
1000 S-32	54	49.9	44	21	001309
1000 S-33 *	54	51.5	44	16	001316
1000 S-34	54	52.4	44	16.8	001323
1000 S-36	57	54.9	44	23	001330

1000 SLG Impact socket · 6-point

Made in Germany

- Long design
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3129, ISO 2725-2

20 3/4"



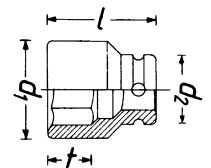
HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
1000 S Lg-24	100	39.5	44	17	001392
1000 S Lg-27	100	43.5	44	19	001408
1000 S Lg-30	100	47.5	44	21	001422
1000 S Lg-32	100	50	44	21	001439
1000 S Lg-33	100	51.5	44	21	001446
1000 S Lg-36	100	55	44	23	001460

1004 S Impact socket · 6-point

Made in Germany

- E.g. for deeply located wheel nuts and bolts on commercial vehicles
- Extra long design
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3129, ISO 2725-2

20 3/4"



HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
1004 S-32	400	48	44	32	055784
1004 S-33	400	48	44	32	055791

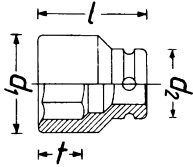
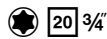


2850 TORX® impact socket

Made in Germany

• Operation of cylinder head bolts

- Reinforced design
- Long design
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-2



HAZET No.	l mm	d ₁ mm	d ₂ mm	mm	t mm	EAN-No. 4000896+
2850-E 20	110	25	44	18.49	15	079681
2850-E 24	110	30	44	22.16	17.5	146758

1003 Impact adapter

Made in Germany

• Operating impact and power screwdriver sockets
900 SZ 6 · 903 SZ 6 · 985 S · 990 S · 1003 S-07

- □ Drive 20 = 3/4" – ○ 24 mm
- Surface: phosphatized, oiled



HAZET No.	EAN-No. 4000896+
1003 S-1	161034

Made in Germany

- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- ● 24 mm – ■ drive 12.5 = 1/2"



HAZET No.	l mm	EAN-No. 4000896+
1003 S-07	44	215409

1007 S Impact adapter

Made in Germany

- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled

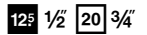


HAZET No.	l mm	EAN-No. 4000896+
• ■ Drive 12.5 = 1/2" – □ Drive 20 = 3/4"		
1007 S-1	56	001804
• ■ Drive 25 = 1" – □ drive 20 = 3/4"		
1007 S-2	65	001828

1007 S Impact adapter

Made in Germany

• Replaceable plug-in blades ● 24 mm – ■ drive 12.5 = 1/2"



- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- □ Drive 20 = 3/4" – ■ Drive 12.5 = 1/2"

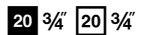


HAZET No.	EAN-No. 4000896+
1007 S-7/14	215416

1006 S Impact ball joint

Made in Germany

- With hinge – for working in areas with restricted access and for getting around obstructive edges
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: burnished, oiled

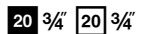


HAZET No.	l mm	EAN-No. 4000896+
1006 S	99	001781

1005 S Impact extension

Made in Germany

- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled



HAZET No.	l mm	EAN-No. 4000896+
1005 S- 7	175	001774
1005 S-13	330	001767

1000 S O-ring and connecting pin

Made in Germany

• For all □ 20 = 3/4" connections



HAZET No.	mm	EAN-No. 4000896+
• O-ring and connecting pin		
1000 S-G 1736	∅ 36x5	001354
1000 S-H 1736	∅ 4x36	001361



Hand Tools

25 1" Range of sockets



25 1" Range of sockets

1100 Z Socket set

Made in Germany

- With 12-point sockets
- Sheet metal box (HAZET-blue)



1100 Z • ● • 25 1"
32 • 36 • 41 • 46 • 50 • 55
60 • 65 • 70 • 75 • 80



1115-1 • 25 1"



1117-8 • 25 1" • 25 1"



1117-16 • 25 1" • 25 1"



1114



1116 • 25 1"



1121 • 25 1" • 25 1"



HAZET No.	L x W x H mm		EAN-No. 4000896+
1100 Z	759x305x115	17	002504

1116 Reversible ratchet head

Made in Germany

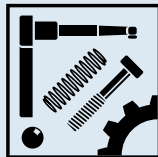
- Number of teeth: 32
- Opening angle: 11.25°
- Shank with bolt for locking pin retaining, output with locking pin retaining
- Surface: chrome-plated
- DIN 3122, ISO 3315



HAZET No.	l mm	EAN-No. 4000896+
1116	195	003198

Wear? – No problem!

- HAZET tools are manufactured to the **highest quality**. During long intensive loading there is a certain level of wear even for high-quality tools.
- For this reason, there are spare parts and replacement sets available for many of our tools.

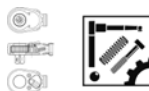


Cost-saving – Sustainable – Resource-saving!
For long-term pleasure with your HAZET tools

1116 Replacement set

Made in Germany

- Number of teeth: 32
- Opening angle: 11.25°



HAZET No.	EAN-No. 4000896+
<ul style="list-style-type: none"> • Replacement set for shift lever consisting of: shift lever · screws · ball · compression spring For HAZET reversible ratchet 1116 For HAZET torque wrench 6150-1 CT · 6160-1 CT · 6170-1 CT · 7250-2 sTAC · 7250-5 sTAC 	003228
<ul style="list-style-type: none"> • Replacement set for ratchet wheel 25 = 1" ■ consisting of: shift lever · screws · ball · compression spring · pawl · ratchet wheel For HAZET reversible ratchet 1116 For HAZET torque wrench 6160-1 CT · 6170-1 CT 	003235

1116 Reversible ratchet head with handle bar

Made in Germany

- Number of teeth: 32
- Opening angle: 11.25°
- Shank with bolt for locking pin retaining, output with locking pin retaining
- Surface: chrome-plated, polished
- DIN 3122



HAZET No.	l mm		EAN-No. 4000896+
1116/2	824	2	003211

1115 Handle bar with sliding head

Made in Germany

- With locking pin retaining
- Surface: chrome-plated, polished
- DIN 3122



HAZET No.	l mm		EAN-No. 4000896+
1115/2	700	2	003181

1115 Sliding head

Made in Germany

- For handle bar HAZET 1114
- With locking pin retaining
- Surface: chrome-plated, polished
- DIN 3122



HAZET No.	l mm	EAN-No. 4000896+
1115-1	80	003167



1114 Handle bar

Made in Germany

- For sliding head HAZET 1115-1 or ratchet head HAZET 1116
- With ball and locking pin retaining
- Surface: chrome-plated
- DIN 3122

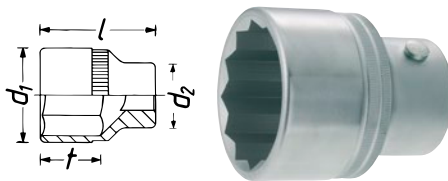


HAZET No.	l mm	EAN-No. 4000896+
1114	700	003150

1100 Z Socket · 12-point

Made in Germany

- Short design
- With knurling
- With bolt for locking pin retaining
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



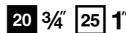
* = Not according to DIN

HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
1100 Z-32 *	60	48	46	22	002511
1100 Z-36 *	67	52	48	28.5	002528
1100 Z-41	68	57	48	29.5	002535
1100 Z-46	72	62	48	32	002542
1100 Z-50	74	68	48	35	002559
1100 Z-55	78	74	48	36.5	002566
1100 Z-60	83	80	48	40.5	002573
1100 Z-65	86	88	60	43.5	002580
1100 Z-70	89	96	60	46.5	002603
1100 Z-75	92	102	60	49.5	002610
1100 Z-80	94	108.5	60	52.5	002627

1158 Adapter

Made in Germany

- Drive with bolt for locking pin retaining, output with locking pin retaining
- Surface: chrome-plated
- DIN 3123, ISO 3316

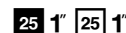


HAZET No.	l mm	EAN-No. 4000896+
1158-2	70	003297

1121 Universal joint

Made in Germany

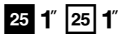
- With hinge – for working in areas with restricted access and for getting around obstructive edges
- Drive with bolt for locking pin retaining, output with locking pin retaining
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
1121	144	003273

1117 Extension

Made in Germany



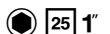
- Drive with bolt for locking pin retaining, output with locking pin retaining
- Surface: chrome-plated, polished
- DIN 3123, ISO 3316



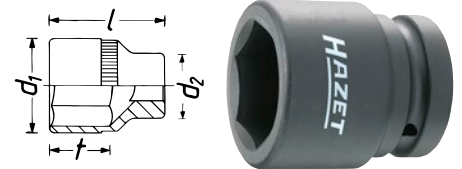
HAZET No.	l mm	EAN-No. 4000896+
1117- 8	200	003259
1117-16	400	003242

1100 S Impact socket · 6-point

Made in Germany



- For extremely high load
- Short design
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3129, ISO 2725-2

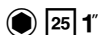


* = Not according to DIN

HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
1100 S-24	58	41.5	54	17	002207
1100 S-27	60	45	54	19	002214
1100 S-30	62	49	54	21	002221
1100 S-32	63	51.5	54	21	002238
1100 S-33 *	63	52.5	54	21	002252
1100 S-34	63	53.5	54	22	002269
1100 S-36	67	56.5	54	23	002276
1100 S-41	70	63	54	26	002290
1100 S-46	76	69.5	54	28	002320
1100 S-50	82	74.5	54	30	002344
1100 S-55	87	81	54	32	002351
1100 S-60	91	87	54	34	002375

1100 SLG Impact socket · 6-point

Made in Germany



- Long design
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3129, ISO 2725-2



HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
1100 S Lg-24	110	41.5	54	17	002405
1100 S Lg-27	110	45	54	19	002412
1100 S Lg-30	110	49	54	21	002429
1100 S Lg-32	110	51.5	54	21	002436
1100 S Lg-33	110	52.5	54	21	002443
1100 S Lg-36	110	56.5	54	23	002467
1100 S Lg-38	110	59	54	24	002474
1100 S Lg-41	110	63	54	26	002481
1100 S Lg-46	110	69.5	54	28	002498



Hand Tools

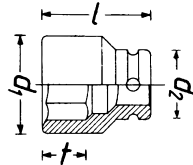
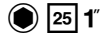
25 1" Range of sockets



1104 S Impact socket · 6-point

Made in Germany

- E.g. for deeply located wheel nuts and bolts on commercial vehicles
- **Extra long design**
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3129, ISO 2725-2

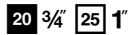


HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
1104 S-32	270	48.5	54	30.5	002665

1107 S Impact adapter

Made in Germany

- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled

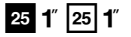


HAZET No.	l mm	EAN-No. 4000896+
1107 S	70	002733

1106 S Impact ball joint

Made in Germany

- With hinge – for working in areas with restricted access and for getting around obstructive edges
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: burnished, oiled

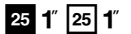


HAZET No.	l mm	EAN-No. 4000896+
1106 S	125	002719

1105 S Impact extension

Made in Germany

- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled



HAZET No.	l mm	EAN-No. 4000896+
1105 S- 7	180	002702
1105 S-13	330	002696

1100 S O-ring and connecting pin

Made in Germany

- For all □ 25 = 1" connections



HAZET No.	mm	EAN-No. 4000896+
• O-ring and connecting pin		
1100 S-G 2260	∅ 45x7	002382
1100 S-H 2260	∅ 5x45	002399





TORX® Tools

1557 Tool set TORX®

Made in Germany

- SmartCase (1/9) 165-S
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



1/9			
-----	--	--	--



850 E •

E 4 • E 5 • E 6

880 E •

E 8 • E 10 • E 12

900 E •

E 14 • E 18 • E 20

HAZET No.	L x W x H mm		EAN-No. 4000896+
1557/9	185x153x52	9	003907

Made in Germany

- SmartCase (1/9) 165-S
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- Surface:



1/9			
-----	--	--	--



8502 •

T 8 • T 10 • T 15

8802 •

T 20 • T 25 • T 30

992 •

T 40 • T 50 • T 55 • T 60

HAZET No.	L x W x H mm		EAN-No. 4000896+
1557/10	185x153x52	10	003716



1557 Tool set TORX®

Made in Germany

- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- Surface:



1/3			
-----	--	--	--



880 E •

E 5 • E 6 • E 7 • E 8

8802 •

T 15 • T 20 • T 25 • T 27

8815 •



8820 • •

8821 • •

8821-3 • 8821-6

8816 HP •

HAZET No.	L x W x H mm		EAN-No. 4000896+
1557/21	355x235x65	21	003822

Made in Germany

- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



1/3			
-----	--	--	--



609 •

E 6, E 8 • E 10, E 12

900 E •

E 10 • E 12 • E 14

2223 •

T 30 H

2223 LG •

T 25

850 E •

E 5 • E 6 • E 7 • E 8

992 •

T 55 • T 60

2224 •

T 40 • T 45 • T 50

880 E •

E 10 • E 12 • E 14

2223 •

T 10 • T 20 • T 25

2250-1 •

2250-3 •

2250-5 •

HAZET No.	L x W x H mm		EAN-No. 4000896+
1557/29	355x235x65	29	003846



Hand Tools

TORX® Tools



1557 Tool set TORX®

- Equipped with 2 bits of each size
- SmartCase (1/9) 165-S
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



2223 • • 1/4
T 6 • T 7 • T 8 • T 9
T 10 • T 15 • T 20 • T 25
T 27 • T 30

2224 • • 1/4
T 40 • T 45 • T 50 • T 55

2250-1 • • 1/4
2250-2 • • 3/8
2250-3 • • 3/8
2250-5 • • 1/2

HAZET No.	L x W x H mm		EAN-No. 4000896+
1557/32	185x153x52	32	003860

- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



609 •
E 6, E 8 • E 10, E 12
E 14, E 18 • E 20, E 24

8802 • • 3/8
T 40 • T 45

2223 • • 1/4
T 6

803-T •
T 6 • T 7 • T 8 • T 9
T 10 • T 15 • T 20 • T 25
T 27 • T 30

900 E • • 1/2
E 16 • E 18 • E 20 • E 24

2223 • • 1/4
T 7 H • T 8 H • T 9 H
T 10 H • T 15 H • T 20 H
T 25 H • T 27 H • T 30 H
T 40 H

850 E • • 1/4
E 4 • E 5 • E 6 • E 7 • E 8

992 • • 1/2
T 50 • T 55 • T 60

2223 LG • • 1/4
T 25

880 E • • 3/8
E 10 • E 11 • E 12 • E 14

2115 •
T 6 • T 7 • T 8 • T 9
T 10 • T 15 • T 20 • T 25
T 27 • T 30 • T 40

2250-1 • • 1/4

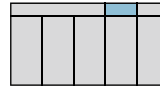
2250-2 • • 3/8

863 HP B • 1/4

HAZET No.	L x W x H mm		EAN-No. 4000896+
1557/58	355x235x65	58	003884

163 Tool set • TORX®

- Made in Germany
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- Surface:



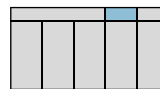
850 E • • 1/4
E 4 • E 5 • E 6 • E 7
E 8 • E 10 • E 11

8502 • • 1/4
T 10 • T 15 • T 20 • T 25
T 27 • T 30 • T 40

HAZET No.	L x W mm		EAN-No. 4000896+
163-251/14	172x50	14	178063

163 Tool set • TORX®

- Made in Germany
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- Surface:



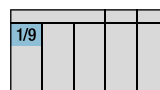
880 E • • 3/8
E 8 • E 10 • E 12 • E 14

8802 • • 3/8
T 25 • T 30 • T 40
T 45 • T 50

HAZET No.	L x W mm		EAN-No. 4000896+
163-252/9	172x50	9	178070

163 Tool set • TORX®

- Made in Germany
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



900 E • • 1/2
E 10 • E 12 • E 14
E 16 • E 18 • E 20

992 • • 1/2
T 30 • T 40 • T 45
T 50 • T 55 • T 60

HAZET No.	L x W mm		EAN-No. 4000896+
163-245/12	172x114	12	178049





Screwdrivers / Bits



HEXAnamic® screwdriver with 3-component handle [802]	⊖ ⊕ ⋆ ⊗	182–183
Screwdriver with 2-component handle, short form [801 N K]	⊖ ⊕	183
Screwdriver with impact cap, with 3-component handle [810 U]	⊖ ⊕	183–184
Screwdriver with 3-component handle [810]	⊖ ⊕ ⋆	184–185
trinamic® screwdriver with single-component handle [803]	⊖ ⊕ ⋆ ⊗	185–186
Screwdriver with protective insulation, 2-component handle [810]	⊖ ⊕ ⋆	247–248
Electronic screwdriver [805]	⊖ ⊕ ⋆	187
Socket [426 / 428]	⊙	187–188
Screwdriver with 2-component T-handle [828]	○ ⊕	188–189
Offset screwdriver [819 / 2100 – 2116]	⊕ ○ ⊕	190–191
6.3 1/4 Bit sets [863 / 2200 / 2240]	⊖ ⊕ ⋆ ○ ⊕ ⊗	193
6.3 1/4 Bits [2208 – 2225]	⊖ ⊕ ⋆ ○ ⊕ ⊗ ⊗	194–195
6.3 1/4 Operating tools and adapters for bits [810 / 863 / 2264 – 2265]		195–196
8 5/16 Bit sets [2272]	⊖ ⊕ ○ ⊕	197
8 5/16 Bits [2210 – 2212]	⊖ ⊕ ⋆ ○ ⊕ ⊗	197
8 5/16 Operating tools and connectors for screwdriver bits [2250 – 2272]		198

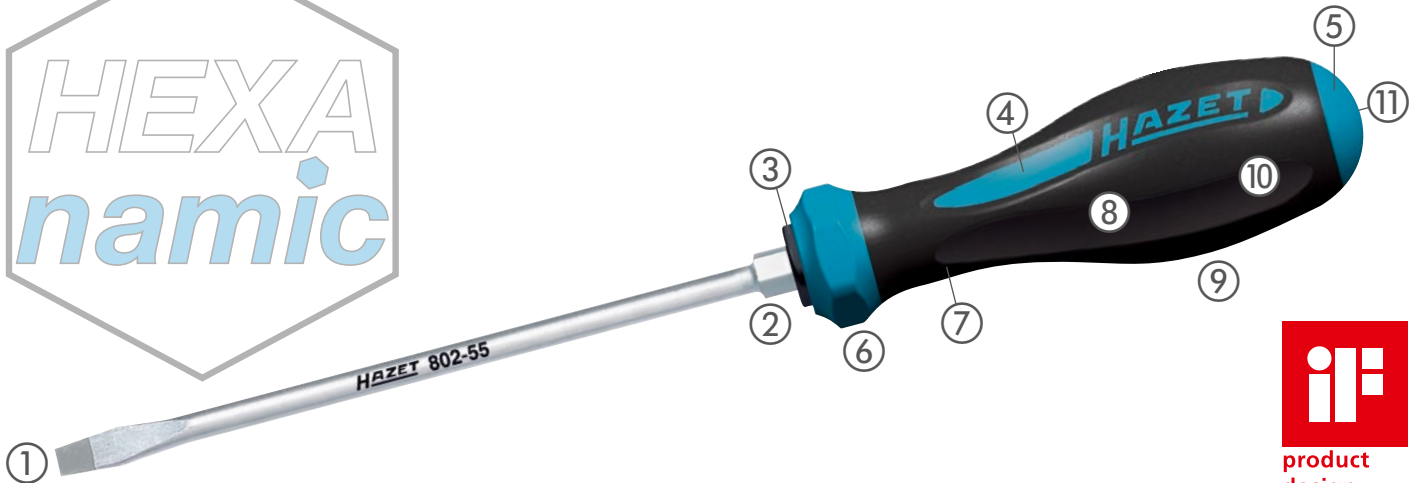


Hand Tools

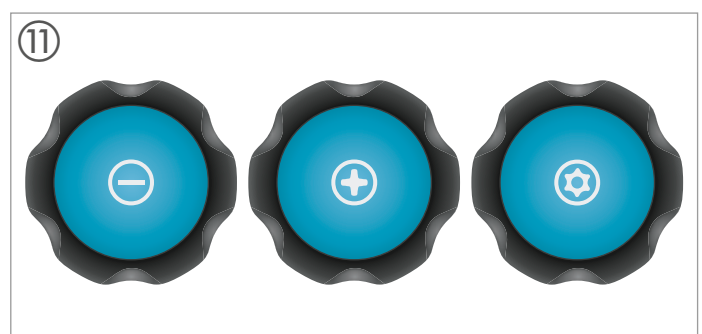
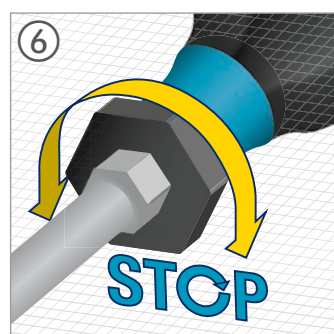
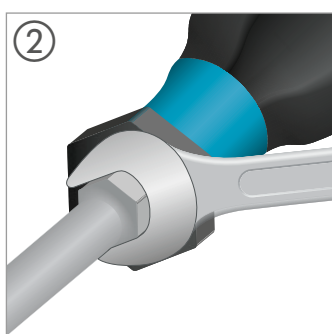
Screwdrivers / Bits



HAZET HEXAnamic[®] screwdriver 802
Anatomically shaped screwdrivers according to the latest developments in ergonomic research



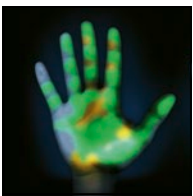
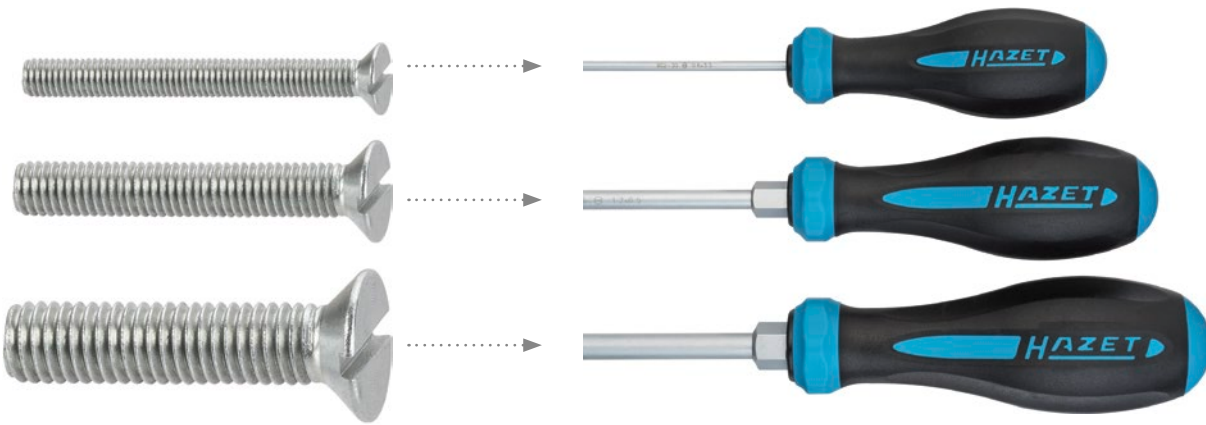
- ① Grey tips for **optimal corrosion protection** and **perfect hold** of the blade in the screw head
- ② **Integrated hex bolster**
For use with wrench to transfer higher torques
- ③ **Component no. 1 (hard):**
Blade firmly fixed to the handle
- ④ **Component no. 3 (soft):**
For exceptional slide-off protection at axial contact pressure
- ⑤ **Component no. 2 (hard):**
Stability against external impact
- ⑥ With **offset hexagon** at the front of the handle:
• **Slide-off protection**
• **Anti-roll protection**
- ⑦ Well-sized **spinning area**
- ⑧ **Non-slipping** even with greasy hands
- ⑨ Ergonomically shaped for perfect contact between hand and screwdriver
- ⑩ **6 deepened gripping areas** for high power transmission
- ⑪ **Imprinted screw profile** for finding the right screwdriver fast – at any time!



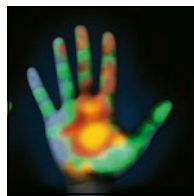


HAZET handle design 802

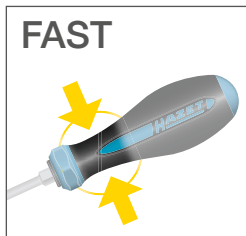
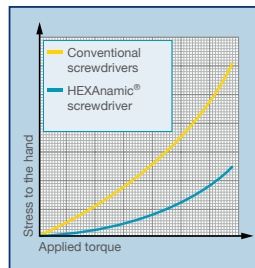
Optimally adapted to the screw sizes



HEXAnamic® handle
= low pressure

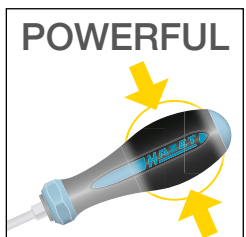


Conventional handle
= high pressure



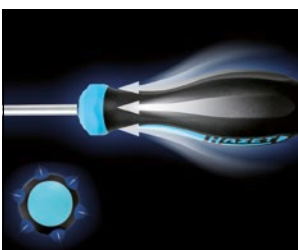
HAZET design elements for spinning

- Well-sized slim spinning area at the end of the handle guarantees fast turning
- Optimal for fast and sensitive screw fitting



HAZET design elements for powerful effect when working with screws

- 6 deepened hand-friendly gripping areas for high power transmission
- Ergonomically shaped handle for perfect contact between hand and screwdriver
- Also suited for continuous operation thanks to user-friendly design
- Strong slide-off protection for safe work and high tightening torque for contact pressure





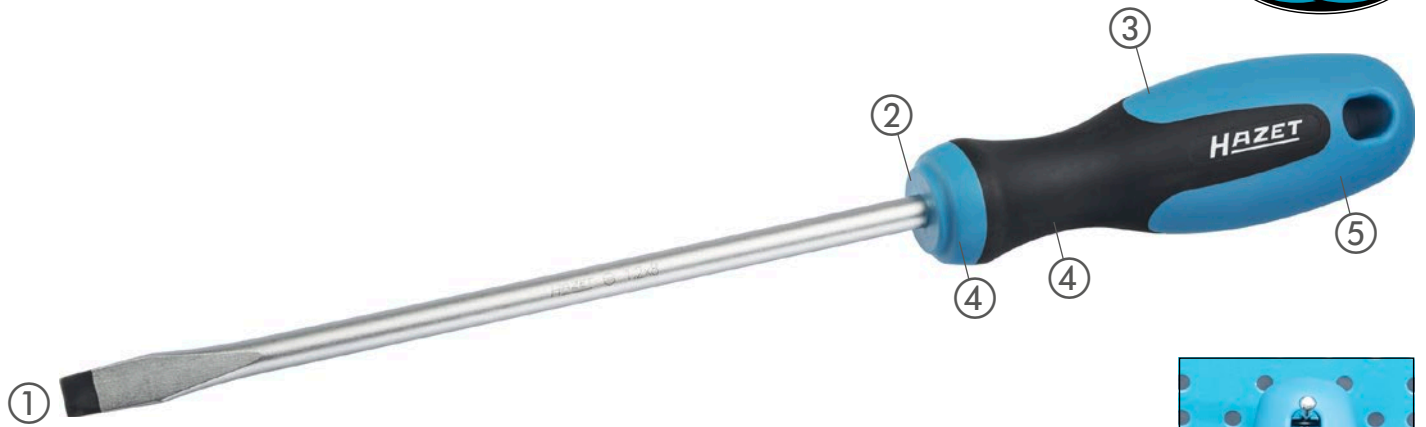
Hand Tools

Screwdrivers / Bits



HAZET Screwdrivers 810

The new economical screwdriver



① Black coated tip for **optimal corrosion protection** and **perfect hold** of the blade in the screw head

② • Slide-off protection
• Anti-roll protection



③ The HAZET **3-component handle** always ensures optimum power and grip. The softer, non-slipping components allow for a secure hold. The distinct slide-off zones ensure power through perfect friction locking.

④ Hard component

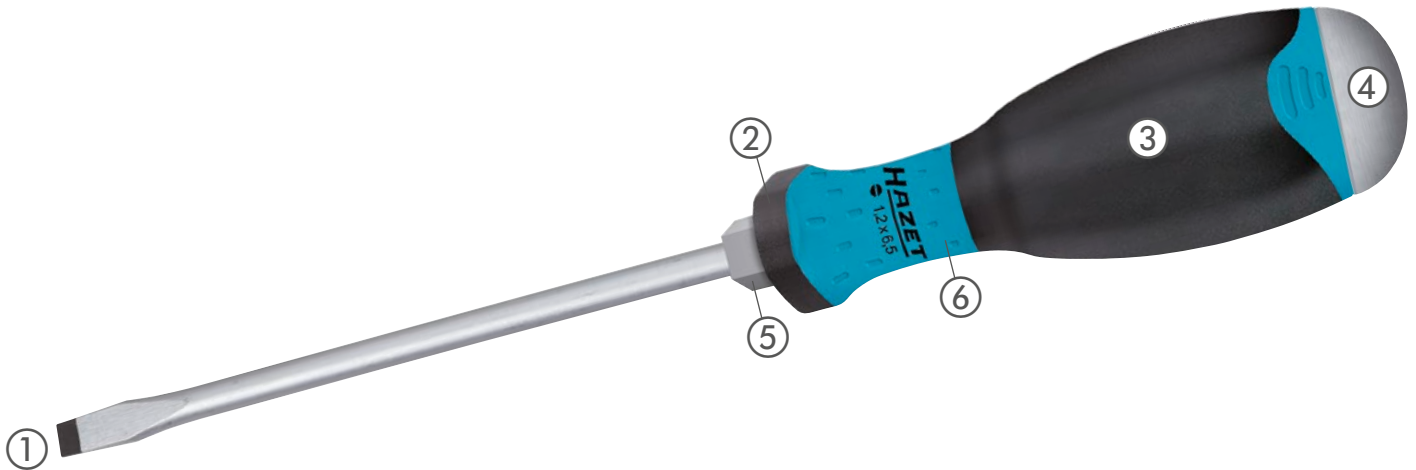
⑤ Soft component





HAZET screwdriver 810 U with impact cap

For screwing and more!



① Black coated tip for **optimal corrosion protection** and **perfect hold** of the blade in the screw head

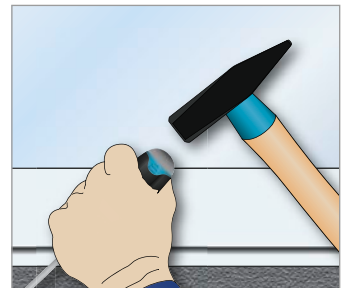
② • Slide-off protection
• Anti-roll protection



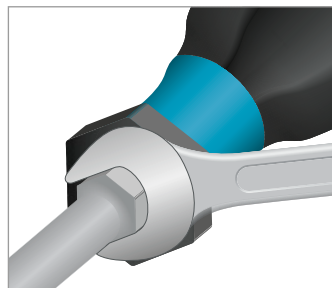
③ The HAZET **3-component handle** always ensures optimum power and grip. The softer, non-slipping components allow for a secure hold. The distinct slide-off zones ensure power with perfect friction locking.



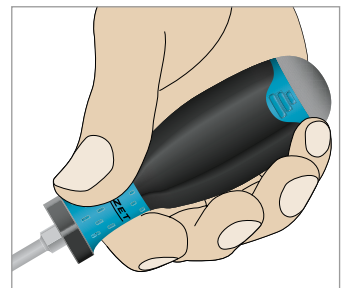
④ **Integrated steel cap** increases the service life of the handle and reduces the risk of chipping. For loosening jammed screws and for smaller chiseling jobs
Note: Always wear safety glasses for safety reasons!



⑤ Hex bolster for use with a wrench to transfer higher torques.



⑥ Well suited for continuous operation thanks to the ergonomically shaped handle that provides the perfect contact between your hand and the screwdriver.





Hand Tools

Screwdrivers / Bits



HAZET trinamic® Screwdrivers 803

Synthesis of steel and plastic



① Black coated tip for **optimal corrosion protection** and **perfect hold** of the blade in the screw head

② **trinamic® shape:**

- Slide-off protection
- Anti-roll protection

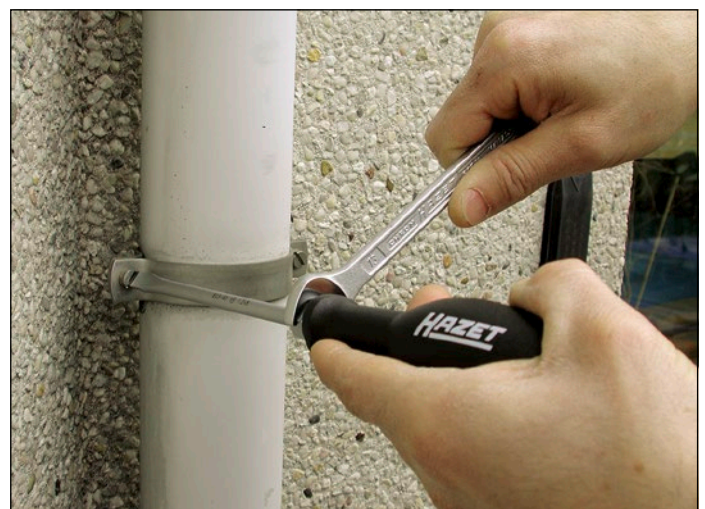


③ **Non-slipping** even with greasy hands

④ **Upset and pressed hex bolster** enables power transfer that is many times higher when using an open-end wrench

⑤ Narrow shape with spinning area

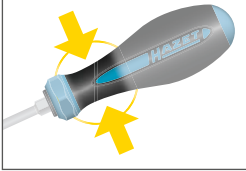
⑥ **trinamic®**
1-component handle, ergonomically shaped and extremely resilient





Different HAZET handle designs

FAST



Well-sized spinning area

- Allows for safe and fast turning between thumb and index finger
- Optimal guidance with slight widening to the offset hexagon as slide-off protection
- Ergonomically shaped handle for a perfect friction connection across all components

POWERFUL



HAZET 3-component handle for a perfect friction connection

- Maximum friction connection with ergonomic 3-component handle
- Firm grip using entire fist around the handle possible
- Suited for continuous operation as the highly ergonomic development means there are no elements that cause pain when turning screws



Screwdriver with 2-component handle, short design



HEXAnamic® with 3-component handle



Screwdriver with impact cap, with 3-component handle



Screwdriver with 3-component handle



trinamic® Screwdriver with 1-component handle



Electronic screwdriver



Clip screwdriver



Do you know?



High performance and durability

- Blade made from the best chrome-vanadium molybdenum steels is toughened throughout
- **Precise fitting into screw head**
- Blade tip produced with high precision and also burnished
- Permanent protection from corrosion
- Chrome-plated surface offers perfect protection from rust
- **Finding the right screwdriver fast**
- Imprinted screw profile makes it easier for the mechanic to always find the right grip
- **Suitable for continuous operation**
- Ergonomic handle prevents pressure marks and painful swelling

Additional advantage in work safety

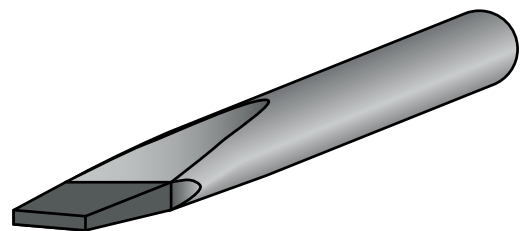
- Recessed hexagon roll protection prevents unintended sliding-off and provides additional slip-off protection for safe working

The HAZET 3-component handle ensures optimum power and grip thanks to its combination of materials

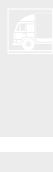
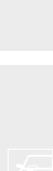
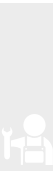
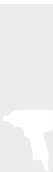
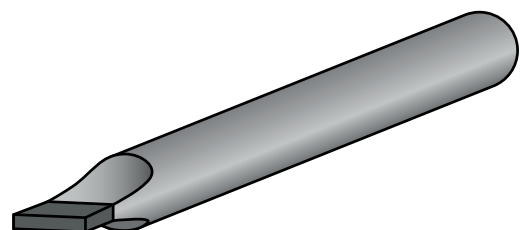
- Non-slip components enable safe holding and distinct slide-off zones provide power with the perfect friction connection

HAZET offers the following specific blades for slotted screws:

- Wedge-shaped blade tip for workshop applications
→ well suited for all work with screws
- In accordance with ISO 2380-1:2004, ISO 2380-2:2004



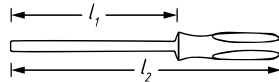
- Narrow, parallel blade tip for electrician applications
→ well suited for screws located deep inside screw shaft, e.g. in power sockets and insulating screw joints
- In accordance with ISO 2380-1; 2004, form B





802 HEXAnamic® screwdriver

- Round blade
- Non-slip HAZET 3-component handle – allows high power transmission
- Surface: chrome-plated
- ISO 2380-1:2004, ISO 2380-2:2004

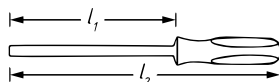


From size 55 on blade with hex bolster for use with a wrench, allows application of high torque values

HAZET No.	l_1 mm	l_2 mm	mm	$\frac{b}{d}$ mm	b mm	EAN-No. 4000896+
802- 30	80	179	–	0.6	3.5	144785
802- 40	100	199	–	0.8	4	144808
802- 55	125	239	8	1	5.5	144815
802- 65	150	264	10	1.2	6.5	144822
802- 80	150	279	13	1.2	8	144839
802-100	175	304	13	1.6	10	144846
802-120	200	329	16	2	12	144853

802-PH HEXAnamic® screwdriver

- Round blade
- Non-slip HAZET 3-component handle – allows high power transmission
- ISO 8764-1:2004, ISO 8764-2:2004

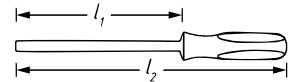


Size PH 3: blade with hex bolster

HAZET No.	l_1 mm	l_2 mm	mm	EAN-No. 4000896+
802-PH 0	60	159	–	144860
802-PH 1	80	194	–	144884
802-PH 2	100	214	–	144907
802-PH 3	150	279	13	144921

802-PZ HEXAnamic® screwdriver

- Round blade
- Non-slip HAZET 3-component handle – allows high power transmission
- ISO 8764-1:2004, ISO 8764-2:2004

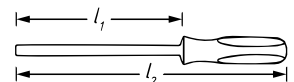


Size PZ 3: blade with hex bolster

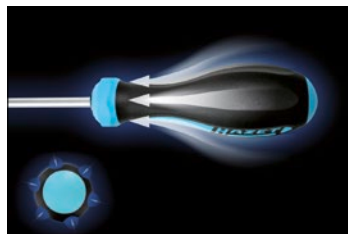
HAZET No.	l_1 mm	l_2 mm	mm	EAN-No. 4000896+
802-PZ 0	60	159	–	145058
802-PZ 1	80	194	–	145065
802-PZ 2	100	214	–	145072
802-PZ 3	150	279	13	145089

802-TH HEXAnamic® screwdriver

- Round blade
- Non-slip HAZET 3-component handle – allows high power transmission



HAZET No.	l_1 mm	l_2 mm	mm	EAN-No. 4000896+
802-T 8 H	60	159	2.31	145102
802-T 9 H	60	159	2.50	145119
802-T 10 H	80	179	2.74	145126
802-T 15 H	80	179	3.27	145133
802-T 20 H	100	214	3.86	145140
802-T 25 H	100	214	4.43	145164
802-T 27 H	115	214	4.99	145171
802-T 30 H	115	229	5.52	145188
802-T 40 H	130	259	6.65	145195
802-T 45 H	130	259	7.82	145201





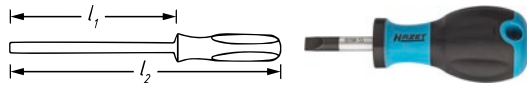
Hand Tools

Screwdrivers / Bits



801 NK Screwdrivers

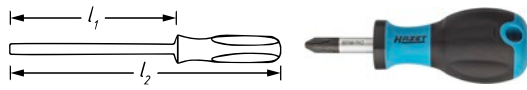
- Short design
- Round blade
- Ergonomically shaped HAZET 2-component handle



HAZET No.	l_1 mm	l_2 mm	$\frac{b}{d}$ mm	b mm	EAN-No. 4000896+
801 N K-35	25	89	0.6	3.5	209897
801 N K-55	25	89	1	5.5	209873
801 N K-80	25	89	1.2	8	209903

801 NK-PH Screwdrivers

- Short design
- Round blade
- Ergonomically shaped HAZET 2-component handle



HAZET No.	l_1 mm	l_2 mm	EAN-No. 4000896+
801 N K-PH 1	25	89	209910
801 N K-PH 2	25	89	209880

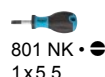
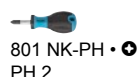
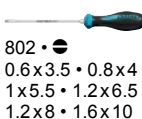
802 HEXAnamic® screwdriver set

- Non-slip HAZET 3-component handle – allows high power transmission
- Surface: chrome-plated



HAZET No.	Quantity	EAN-No. 4000896+
802/5	5	147359

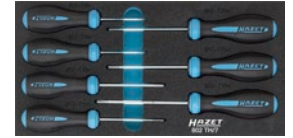
- Non-slip HAZET 3-component handle – allows high power transmission



HAZET No.	Quantity	EAN-No. 4000896+
802/10	10	145577

802 HEXAnamic® screwdriver set

- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- Non-slip HAZET 3-component handle – allows high power transmission



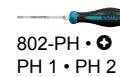
802-TH • \oplus
T 8 H • T 9 H • T 10 H • T 15 H • T 20 H • T 25 H • T 30 H

HAZET No.	$L \times W$ mm	Quantity	EAN-No. 4000896+
802 T H/7	342x172	7	145607

- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



802 • \oplus
0.8x4 • 1x5.5 • 1.2x6.5 • 1.2x8

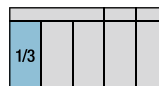


802-PH • \oplus
PH 1 • PH 2

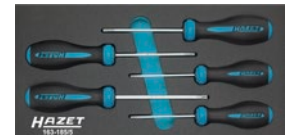
HAZET No.	$L \times W$ mm	Quantity	EAN-No. 4000896+
163-184/6	342x172	6	161461

802 TH HEXAnamic® screwdriver set

- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



802-TH • \oplus
T 10 H • T 15 H • T 20 H
T 25 H • T 30 H

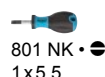
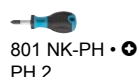
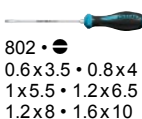
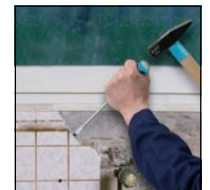


HAZET No.	$L \times W$ mm	Quantity	EAN-No. 4000896+
163-185/5	342x172	5	161478

810 U Screwdriver with impact cap

- Blade with hex bolster for use with a wrench, allows application of high separation forces

- Round blade
- Non-slip HAZET 3-component handle – allows high power transmission
- Surface: blade matt chrome-plated, tip burnished



HAZET No.	l_1 mm	l_2 mm	ϕ mm	$\frac{b}{d}$ mm	b mm	EAN-No. 4000896+
810 U-45	75	175	8	0.8	4.5	200504
810 U-55	100	200	8	1	5.5	200511
810 U-70	125	225	10	1.2	7	200528



810 U-PH Screwdriver with impact cap

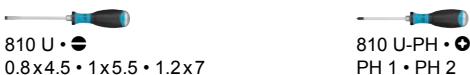
- Blade with hex bolster for use with a wrench, allows application of high separation forces
- Round blade
- Non-slip HAZET 3-component handle – allows high power transmission
- Surface: blade matt chrome-plated, tip burnished



HAZET No.	l_1 mm	l_2 mm	mm	EAN-No. 4000896+
810 U-PH 1	80	180	8	200498
810 U-PH 2	100	210	10	200481
810 U-PH 3	150	260	13	200474

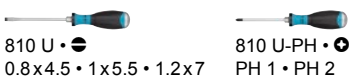
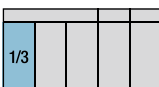
810 U Screwdriver set with impact cap

- Blade with hex bolster for use with a wrench, allows application of high separation forces
- Round blade
- Non-slip HAZET 3-component handle – allows high power transmission
- Surface: blade matt chrome-plated, tip burnished



HAZET No.	mm	EAN-No. 4000896+
810 U-1/5	5	179572

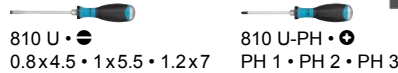
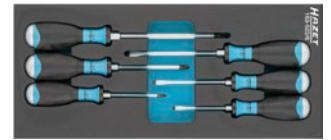
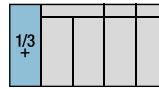
- Blade with hex bolster for use with a wrench, allows application of high separation forces
- Round blade
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- Non-slip HAZET 3-component handle – allows high power transmission



HAZET No.	$L \times W$ mm	mm	EAN-No. 4000896+
163-264/5	342x172	5	180592

810 U Screwdriver set

- Round blade
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- Non-slip HAZET 3-component handle – allows high power transmission
- Suitable for HAZET Assistant with a drawer depth of 398 mm: 173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180



HAZET No.	$L \times W$ mm	mm	EAN-No. 4000896+
163-522/6	392x172	6	218660

810 Screwdriver

- Hanging hole in handle



- Round blade
- Non-slip HAZET 3-component handle – allows high power transmission
- Surface: blade matt chrome-plated, tip burnished



HAZET No.	l_1 mm	l_2 mm	$\frac{b}{d}$ mm	b mm	EAN-No. 4000896+
810-25	75	160	0.4	2.5	206919
810-30	80	165	0.5	3	205127
810-40	100	185	0.8	4	205134
810-55	125	230	1	5.5	205141
810-65	150	265	1.2	6.5	205158

810-PH Screwdriver

- Hanging hole in handle



- Round blade
- Non-slip HAZET 3-component handle – allows high power transmission
- Surface: blade matt chrome-plated, tip burnished



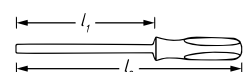
HAZET No.	l_1 mm	l_2 mm	EAN-No. 4000896+
810-PH 0	60	145	206926
810-PH 1	80	185	205165
810-PH 2	100	215	205172

810-PZ Screwdriver

- Hanging hole in handle



- Round blade
- Non-slip HAZET 3-component handle – allows high power transmission
- Surface: blade matt chrome-plated, tip burnished



HAZET No.	l_1 mm	l_2 mm	EAN-No. 4000896+
810-PZ 1	80	185	221813
810-PZ 2	100	215	221806



Hand Tools

Screwdrivers / Bits



810-T Screwdriver

- Hanging hole in handle
- Round blade
- Non-slip HAZET 3-component handle – allows high power transmission
- Surface: blade matt chrome-plated, tip burnished



HAZET No.	l_1 mm	l_2 mm	mm	EAN-No. 4000896+
810-T 10	80	165	2.74	205189
810-T 15	80	165	3.27	205196
810-T 20	100	185	3.86	205202
810-T 25	100	205	4.43	205219
810-T 27	115	220	4.99	205226
810-T 30	115	230	5.52	205233

810 Screwdriver set

- Hanging hole in handle
- Non-slip HAZET 3-component handle – allows high power transmission
- Surface: blade matt chrome-plated, tip burnished



810 • \ominus
0.5x3 • 0.8x4 • 1x5.5 • 1.2x6.5



810-PH • \oplus
PH 1 • PH 2

HAZET No.	mm	EAN-No. 4000896+
810/6	6	058808

810 PZ Screwdriver set

- Hanging hole in handle
- Non-slip HAZET 3-component handle – allows high power transmission
- Surface: blade matt chrome-plated, tip burnished



810 • \oplus
0.5x3 • 0.8x4 • 1x5.5 • 1.2x6.5



810-PZ • \oplus
PZ 1 • PZ 2

HAZET No.	mm	EAN-No. 4000896+
810/6 PZ	6	217984

810 T Screwdriver set

- Hanging hole in handle
- Non-slip HAZET 3-component handle – allows high power transmission
- Surface: blade matt chrome-plated, tip burnished

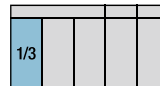


810-T • \oplus
T 10 • T 15 • T 20 • T 25 • T 27 • T 30

HAZET No.	mm	EAN-No. 4000896+
810 T/6	6	204304

810 TSPC TORX® screwdriver set

- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant

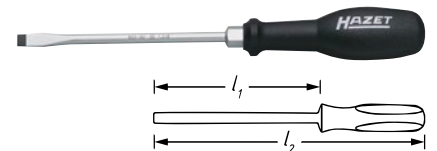


810-T • \oplus
T 10 • T 15 • T 20
T 25 • T 27 • T 30

HAZET No.	L x W mm	l mm	b mm	mm	EAN-No. 4000896+
163-266/6	342x172	342	172	6	180615

803 Screwdriver trinamic®

- Round blade
- Ergonomically shaped 1-component trinamic handle
- Surface: chrome-plated, tips burnished
- ISO 2380-2



- * = Blade with hex bolster for use with a wrench – allows application of high torque values
- + = Length l1 not according to ISO 2380-2

HAZET No.	l_1 mm	l_2 mm	mm	mm	b mm	EAN-No. 4000896+
803- 20 +	63	143	–	0.4	2	077434
803- 25	75	155	–	0.4	2.5	077441
803- 30 +	80	160	–	0.5	3	077458
803- 35	100	193	–	0.6	3.5	077465
803- 40	100	193	–	0.8	4	077472
803- 55	125	218	–	1	5.5	077489
803 S-55 *	125	235	8	1	5.5	089109
803- 65	150	260	–	1.2	6.5	077496
803- 80 *	150	272	13	1.2	8	077502
803-100 *	175	309	13	1.6	10	077519
803-120 *	200	334	16	2	12	077526
803-140 *	250	384	16	2.5	14	077533



803 LG Screwdriver trinamic®

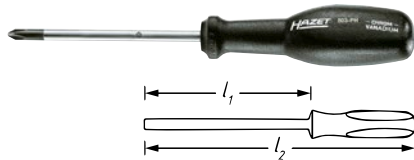
- For deeply located screw connections
- **Extra long design**
- Round blade
- Ergonomically shaped 1-component trinamic handle



HAZET No.	l_1 mm	l_2 mm	$\frac{\phi}{4}$ mm	b mm	EAN-No. 4000896+
803 Lg-55	410	520	1	5.5	077540

803-PH Screwdriver trinamic®

- Round blade
- Ergonomically shaped 1-component trinamic handle
- DIN ISO 8764-2, ISO 8764-2

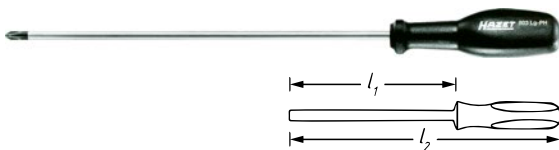


From size PH 3 on, blade with hex bolster

HAZET No.	l_1 mm	l_2 mm	ϕ mm	EAN-No. 4000896+
803-PH 0	60	140	-	077557
803-PH 1	80	173	-	077564
803-PH 2	100	210	-	077571
803-PH 3	150	272	13	077588
803-PH 4	200	334	16	077595

803 LG-PH Screwdriver trinamic®

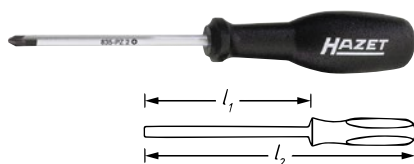
- **Extra long design**
- Round blade
- Ergonomically shaped 1-component trinamic handle



HAZET No.	l_1 mm	l_2 mm	EAN-No. 4000896+
803 Lg-PH 1	250	343	077601
803 Lg-PH 2	250	360	077618

803-PZ Screwdriver trinamic®

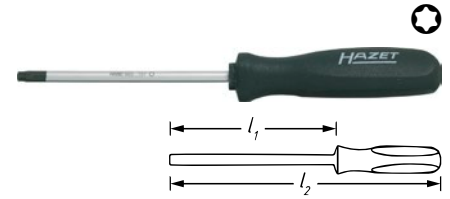
- Marking ring blue
- Round blade
- Ergonomically shaped 1-component trinamic handle



HAZET No.	l_1 mm	l_2 mm	EAN-No. 4000896+
803-PZ 1	80	173	077632
803-PZ 2	100	210	077649

803-T Screwdriver trinamic®

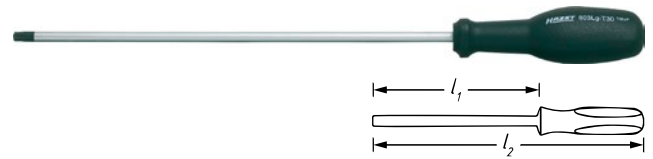
- **Made in Germany**
- Round blade
- Ergonomically shaped 1-component trinamic handle



HAZET No.	l_1 mm	l_2 mm	ϕ mm	EAN-No. 4000896+
803-T 6	48	112	1.67	077670
803-T 7	48	112	1.99	077687
803-T 8	55	127	2.31	077694
803-T 9	55	127	2.50	077700
803-T 10	70	150	2.74	077717
803-T 15	70	150	3.27	077724
803-T 20	84	175	3.86	077731
803-T 25	84	175	4.43	077748
803-T 27	99	200	4.99	077755
803-T 30	99	200	5.52	077762
803-T 40	99	217	6.65	086214

803 LG-T Screwdriver trinamic®

- Application e.g. at the dashboard, car body, engine compartment as well as industry applications
- Long design
- Round blade
- Ergonomically shaped 1-component trinamic handle



HAZET No.	l_1 mm	l_2 mm	ϕ mm	EAN-No. 4000896+
803 Lg-T 15	250	330	3.27	087785
803 Lg-T 20	250	343	3.86	087792
803 Lg-T 25	250	345	4.43	087808
803 Lg-T 30	250	360	5.52	087815

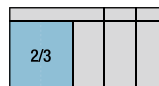
Screwdriver for electricians

See chapter Tools with protective insulation / Tools for electricians page 247 – 248



803 Screwdriver set

- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



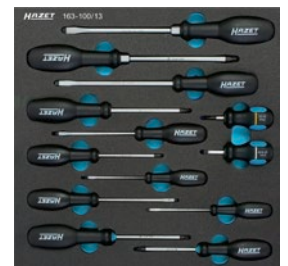
803 • \ominus
0.4 x 2.5 • 0.5 x 3
0.6 x 3.5 • 0.8 x 4
1.2 x 6.5 • 1.2 x 8

801 NK • \ominus
1 x 5.5

803-PZ • \oplus
PZ 1 • PZ 2

801 NK-PH • \oplus
PH 2

803-PH • \oplus
PH 1 • PH 2 • PH 3



HAZET No.	$L \times W$ mm	ϕ mm	EAN-No. 4000896+
163-100/13	344x342	13	145713



Hand Tools

Screwdrivers / Bits

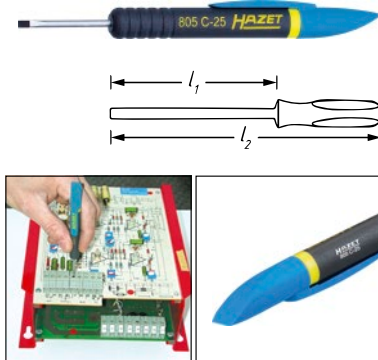


805 C Clip screwdriver

Made in Germany

The versatile screwdriver for everyday use – always ready to hand

- With fibre-reinforced scraper for damage-free removal of stickers etc.
- Clip for holding, e.g. in breast or sleeve pocket
- Rotating clip – for improved handling
- Round blade
- Plastic handle
- Surface: blade chrome-plated



HAZET No.	l_1 mm	l_2 mm	$\frac{b}{d}$ mm	b mm	EAN-No. 4000896+
805 C-25	30	130	0.4	2.5	089123

805 Electronic screwdriver

- For smallest screws
- With revolving head
- Firm grip thanks to recessed handle
- Round blade
- 2-component handle
- Surface: tip burnished



HAZET No.	l_1 mm	l_2 mm	$\frac{b}{d}$ mm	b mm	EAN-No. 4000896+
805-02	60	153	0.4	2	032594
805-025	75	168	0.4	2.5	032600
805-03	75	168	0.5	3	032617

805 Electronic screwdriver set

- Plastic box
- 2-component handle
- \ominus 0.3 x 1.5 · 0.4 x 2 · 0.4 x 2.5 · 0.5 x 3
- \oplus PH 00 · PH 0 · PH 1



HAZET No.	$L \times W \times H$ mm		EAN-No. 4000896+
805/7	205 x 125 x 20	7	032655

808 Electronic screwdriver set

- Plastic box
- 2-component handle
- \odot T 5 · T 6 · T 7 · T 8 · T 9 · T 10 · T 15



808 Electronic screwdriver set

HAZET No.	$L \times W \times H$ mm		EAN-No. 4000896+
808/7	205 x 125 x 20	7	055050

805 Electronic screwdriver set

- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant

1/3			
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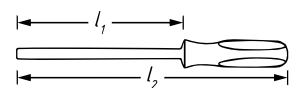


HAZET No.	$L \times W$ mm	l mm	b mm		EAN-No. 4000896+
Suitable for HAZET Assistant with a drawer depth of 398 mm: 173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180					
805 · \ominus , \oplus , \odot					
805/7 · 808/7 · 0.5 x 2.8					
163-517/15	392 x 172	392	172	15	218745

839 Voltmeter

Made in Germany

- 220–250 V according to standard VDE 0680
- Slotted blade, concave ground
- Extra long handle, 92 mm
- With clip
- Defective glow tube not replaceable according to VDE
- Round blade
- Plastic handle
- IEC 60900:2018

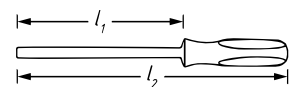


HAZET No.	l_1 mm	l_2 mm	$\frac{b}{d}$ mm	b mm	EAN-No. 4000896+
839-1	58	150	0.5	2.8	035670

426 Nut-driver · flexible

Made in Germany

- Blade shape: Flexible
- Ergonomically shaped 1-component trinamic handle



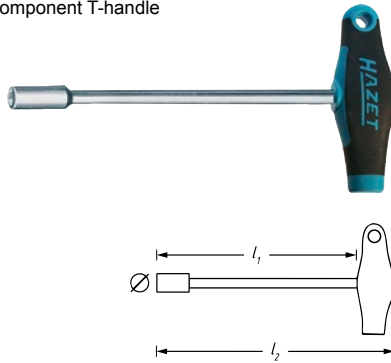
HAZET No.	l_1 mm	l_2 mm	EAN-No. 4000896+
426- 5	190	300	019243
426- 6	190	300	019250
426- 7	190	300	019267
426- 8	190	300	019274
426-10	190	300	019236



428 Nut-driver with T-handle

Made in Germany

- Short design
- Ergonomically shaped HAZET 2-component T-handle
- Surface: chrome-plated

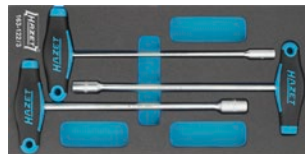


HAZET No.	l_1 mm	l_2 mm	\varnothing mm	EAN-No. 4000896+
• Calibrating the radar head of the Adaptive Cruise Control (ACC) in e.g. AUDI and VW vehicles				
428- 3.5	230	256	7.2	218509
428- 6	230	256	9	019397
428- 7	230	256	11	019410
428- 8	230	264	12	019427
428-10	230	264	14	019281
428-11	230	264	16	019304
428-12	230	264	17	019328
428-13	230	264	18	019335

428 Nut-driver set with T-handle

Made in Germany

- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- 2-component T-handle

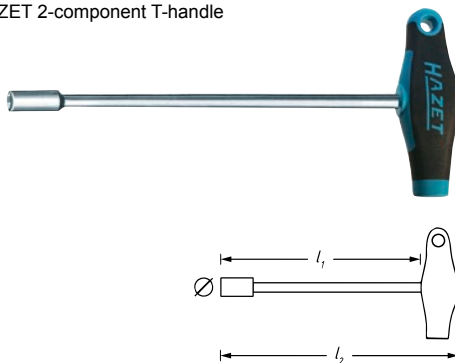


HAZET No.	L x W mm		EAN-No. 4000896+
163-122/3	342x172	3	153534

428 LG Nut-driver with T-handle

Made in Germany

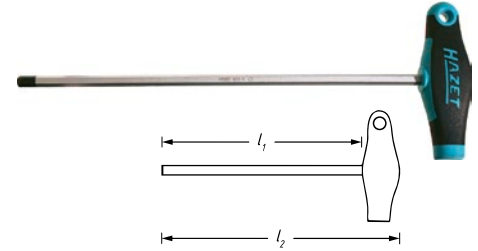
- Long design
- Ergonomically shaped HAZET 2-component T-handle
- Surface: chrome-plated



HAZET No.	l_1 mm	l_2 mm	\varnothing mm	EAN-No. 4000896+
428 Lg- 8	350	384	12	019601
428 Lg-10	350	384	14	019526
428 Lg-13	350	384	18	019557

828 Screwdriver with T-handle

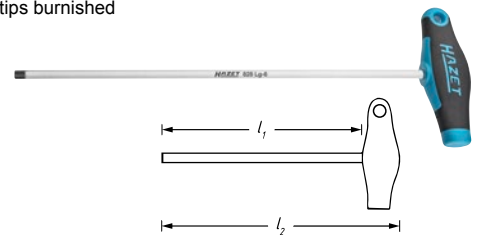
- 6-point blade
- Ergonomically shaped HAZET 2-component T-handle
- Surface: chrome-plated, tips burnished



HAZET No.	S mm	l_1 mm	l_2 mm	EAN-No. 4000896+
828- 2	2	100	118	034123
828- 2.5	2.5	100	118	034130
828- 3	3	150	168	034161
828- 4	4	150	176	034192
828- 5	5	200	226	034222
828- 6	6	200	234	034246
828- 7	7	200	234	210060
828- 8	8	200	234	034260
828-10	10	200	234	034109

828 LG Screwdriver with T-handle

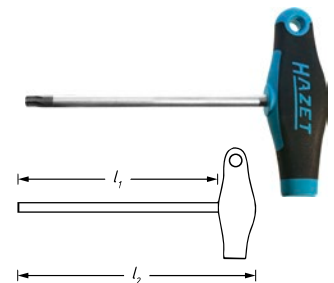
- 6-point blade
- Ergonomically shaped HAZET 2-component T-handle
- Surface: chrome-plated, tips burnished



HAZET No.	S mm	l_1 mm	l_2 mm	EAN-No. 4000896+
828 Lg-6	6	300	334	226672

828-T Screwdriver with T-handle

- Round blade
- Ergonomically shaped HAZET 2-component T-handle
- Surface: chrome-plated, tips burnished



HAZET No.	l_1 mm	l_2 mm	\varnothing mm	EAN-No. 4000896+
828-T 6	80	98	1.67	034451
828-T 7	80	98	1.99	034468
828-T 8	80	98	2.31	034475
828-T 9	80	98	2.50	034482
828-T 10	100	126	2.74	034291
828-T 15	100	126	3.27	034307
828-T 20	100	126	3.86	034321
828-T 25	110	136	4.43	034345
828-T 27	120	146	4.99	034376
828-T 30	130	156	5.52	034383
828-T 40	130	164	6.65	034413
828-T 45	130	164	7.82	034420



Hand Tools

Screwdrivers / Bits

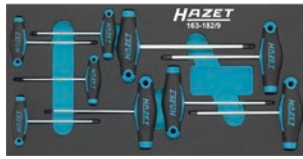


828 T-handle screwdriver set

- Safety-Insert-System, 2-component soft foam insert.
- Insert also suitable for HAZET Assistant
- 2-component T-handle



1/3				
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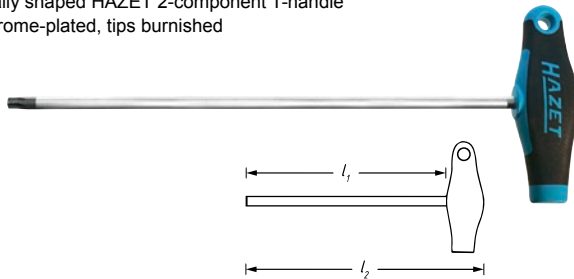


828-T •
 T 6 • T 7 • T 8 • T 9 • T 10
 T 15 • T 20 • T 25 • T 30

HAZET No.	L x W mm		EAN-No. 4000896+
163-182/9	342x172	9	162352

828 LG-T Screwdriver with T-handle

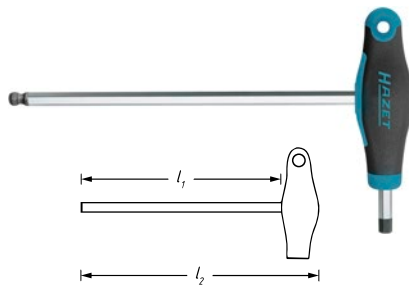
- Extra long design
- Round blade
- Ergonomically shaped HAZET 2-component T-handle
- Surface: chrome-plated, tips burnished



HAZET No.	l ₁ mm	l ₂ mm		EAN-No. 4000896+
828 Lg-T 20	200	226	3.86	139941
828 Lg-T 30	290	316	5.52	116638
828 Lg-T 40	290	325	6.65	235360

829 KK Screwdriver with T-handle

- 6-point blade
- With ball-head
- Ergonomically shaped HAZET 2-component T-handle
- Surface: chrome-plated, tips burnished



HAZET No.	S mm	l ₁ mm	l ₂ mm	EAN-No. 4000896+
829 KK-2	2	100	118	232895
829 KK-2.5	2.5	100	118	232901
829 KK-3	3	150	168	232918
829 KK-4	4	150	168	232925
829 KK-5	5	200	176	233038
829 KK-6	6	200	234	233045
829 KK-8	8	200	234	233052

829 KK T-handle screwdriver set

- 6-point blade
- With ball-head
- Ergonomically shaped HAZET 2-component T-handle
- Surface: chrome-plated, tips burnished



829 KK •
 2 • 2.5 • 3 • 4 • 5 • 6 • 8

HAZET No.		EAN-No. 4000896+
829 KK/7	7	232888

829 KKT Screwdriver with T-handle

- 6-point blade
- With ball-head
- Ergonomically shaped HAZET 2-component T-handle
- Surface: chrome-plated, tips burnished



HAZET No.	l ₁ mm	l ₂ mm		EAN-No. 4000896+
829 KK T-T 9	130	165	2.50	233069
829 KK T-T 10	80	98	2.74	233137
829 KK T-T 15	80	98	3.27	233144
829 KK T-T 20	100	126	3.86	233168
829 KK T-T 25	100	126	4.43	233175
829 KK T-T 30	110	136	5.52	233182
829 KK T-T 40	130	156	6.65	233199

829 KKT T-handle screwdriver set

- 6-point blade
- With ball-head
- Ergonomically shaped HAZET 2-component T-handle
- Surface: chrome-plated, tips burnished



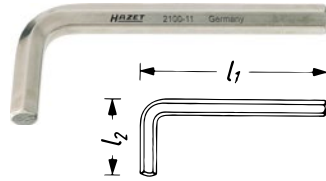
829 KKT •
 T 9 • T 10 • T 15 • T 20
 T 25 • T 30 • T 40

HAZET No.		EAN-No. 4000896+
829 KK T/7	7	233014



2100 Offset screwdriver

- Surface: nickel-plated
- DIN ISO 2936



* = Not according to DIN

HAZET No.	S mm	l ₁ mm	l ₂ mm	EAN-No. 4000896+
2100-015	1.5	46.5	15.5	011261
2100-02	2	52	18	011278
2100-025	2.5	58.5	20.5	011285
2100-03	3	66	23	011308
2100-04	4	74	29	011322
2100-05	5	85	33	011346
2100-06	6	96	38	011353
2100-07	7	102	41	011360
2100-08	8	108	44	011377
2100-09 *	9	119	47	011391
2100-10	10	122	50	011407
2100-11 *	11	130	53	011414
2100-12	12	137	57	011421
2100-14	14	154	70	011445
2100-17	17	177	80	011452
2100-19	19	199	89	011469
2100-22	22	222	102	011476
2100-24	24	248	114	011483
2100-27	27	277	127	011490

2100 Offset screwdriver set

- Plastic tool holder
- Surface: nickel-plated
- DIN ISO 2936



HAZET No.	EAN-No. 4000896+
2100 • ○ 3 • 4 • 5 • 6 • 8 • 10	
2100/6 H	011551

- With ring
- Surface: nickel-plated
- DIN ISO 2936



HAZET No.	EAN-No. 4000896+
Metric dimensions 2100 • ○ 2 • 2.5 • 3 • 4 • 5 • 6 • 8	
2100/7 R	011599
American dimensions 2100 A • ○ 3/32 • 1/8 • 5/32 • 3/16 • 7/32 • 1/4 • 5/16	
2100 A/7 R	011773

2100 Offset screwdriver set

- Plastic roll
- Surface: nickel-plated
- DIN ISO 2936



HAZET No.	EAN-No. 4000896+
Metric dimensions 2100 • ○ 2 • 3 • 4 • 5 • 6 • 7 • 8 • 9 • 10 • 12	
2100/10 P	011506
Metric dimensions 2100 • ○ 2 • 3 • 4 • 5 • 6 • 7 • 8 • 9 • 10 • 12 • 14 • 17 • 19 • 22	
2100/14 P	011537
American dimensions 2100 A • ○ 5/64 • 3/32 • 1/8 • 5/32 • 3/16 • 7/32 • 1/4 • 5/16 • 3/8 • 1/2 • 9/16 • 5/8 • 3/4	
2100 A/13 P	011766

- Plastic hinged tool holder
- Surface: nickel-plated
- DIN ISO 2936

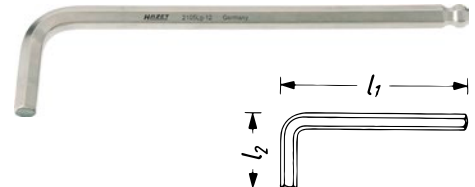
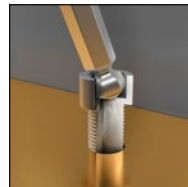
s 2.5 • 3 • 4 • 5 • 6 • 8



HAZET No.	EAN-No. 4000896+
2100/6 KH	072590

2105 LG Offset screwdriver

- Ball head end = swivel range 20°
- Extra long design
- With ball-head
- Surface: nickel-plated



HAZET No.	S mm	l ₁ mm	l ₂ mm	EAN-No. 4000896+
2105 Lg-015	1.5	91.5	15.5	011896
2105 Lg-02	2	102	18	011902
2105 Lg-025	2.5	114.5	20.5	011919
2105 Lg-03	3	129	23	011926
2105 Lg-04	4	144	29	011933
2105 Lg-05	5	165	33	011940
2105 Lg-06	6	186	38	011957
2105 Lg-07	7	197	41	011964
2105 Lg-08	8	208	44	011971
2105 Lg-10	10	234	50	011988
2105 Lg-12	12	262	57	011995



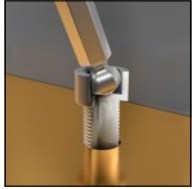
Hand Tools

Screwdrivers / Bits



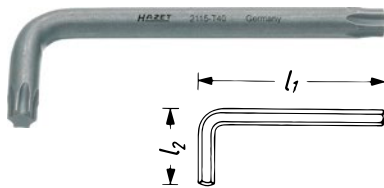
2105 LG Offset screwdriver set

- Extra long design
- With ball-head
- Plastic tool holder
- Surface: nickel-plated



HAZET No.		EAN-No. 4000896+
2105 LG • O		
1.5 • 2 • 2.5 • 3 • 4 • 5 • 6 • 8 • 10		
2105 Lg/9 H	9	012015
O 0.05 • 1/16 • 5/64 • 3/32 • 1/8 • 5/32 • 3/16 • 7/32 • 1/4 • 5/16		
2105 ALG • O		
2105 A Lg/10 H	10	083749

2115 Offset screwdriver



HAZET No.	l ₁ mm	l ₂ mm	mm	EAN-No. 4000896+
2115-T 6	44.5	18.5	1.67	012220
2115-T 7	50.5	18.5	1.99	012244
2115-T 8	51	19	2.31	012251
2115-T 9	51	19	2.50	012268
2115-T 10	54	20	2.74	012121
2115-T 15	57.5	21.5	3.27	012138
2115-T 20	61	23	3.86	012145
2115-T 25	64.5	24.5	4.43	012152
2115-T 27	69.5	26.5	4.99	012169
2115-T 30	76	30	5.52	012176
2115-T 40	83	33	6.65	012183
2115-T 45	91	37	7.82	012190
2115-T 50	104	41	8.83	012206
2115-T 55	120	47	11.22	012213
2115-T 60	134	52	13.25	012237

2115 Offset screwdriver set

- With ring



2115 Offset screwdriver set

HAZET No.		EAN-No. 4000896+
2115 • O		
T 8 • T 10 • T 15 • T 20 • T 25 • T 30 • T 40		
2115-T/7 R	7	012114

- Plastic roll



HAZET No.		EAN-No. 4000896+
2115 • O		
T 7 • T 8 • T 9 • T 10 • T 15 • T 25 • T 27		
T 30 • T 40 • T 45 • T 50 • T 55 • T 60		
2115-T/13 P	13	012107

- Plastic hinged tool holder
- O T 9 • T 10 • T 15 • T 20 • T 25 • T 27 • T 30 • T 40



HAZET No.		EAN-No. 4000896+
2115/8 KH	8	072583

2116 LG Offset screwdriver set

• Made in Germany

- With ball-head
- Plastic tool holder
- O T 9 • T 10 • T 15 • T 20 • T 25 • T 27 • T 30 • T 40



HAZET No.		EAN-No. 4000896+
2116 Lg/8 H	8	051519



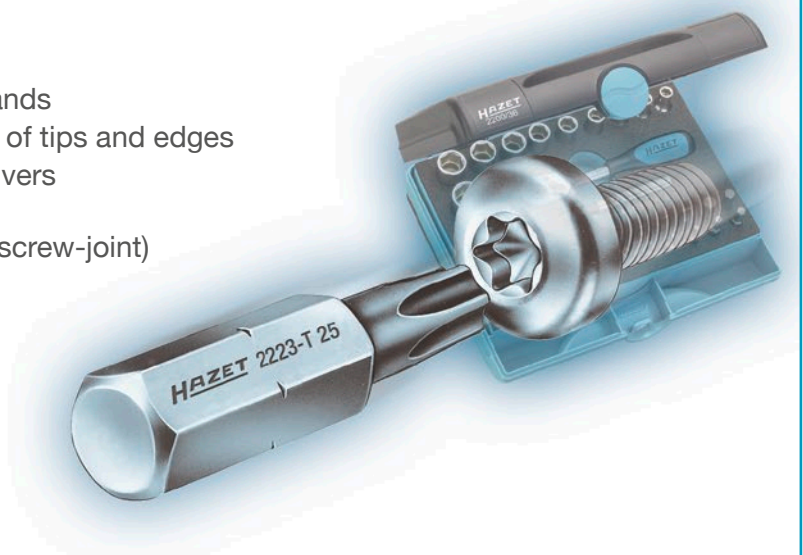
At a glance

The HAZET bit range

	Description	Profile	6.3 1/4"	8 5/16"
	Screwdriver bit Slot		2208 4-8	2210 5,5-12
	Screwdriver bit Cross recess PH		2215 (S Lg) PH 1-PH 4	2217 PH 1-PH4
	Screwdriver bit Cross recess PZ (Pozidriv)		2216 (S Lg) PHZ 1-PZ 3	2218 PZ 1-PZ 4
	Screwdriver bit Inside hexagon		2204 (S Lg) 2-8	2206 5-10
	Screwdriver bit Internal serration (XZN)		2211 4-5	2212 6-10
	Screwdriver bit Inside TORX		2223 T 6-T 40	2224 T 25-T 55
	Screwdriver bit long Inside TORX		2223 (Lg / S Lg) T 10-T 40	2224 S Lg T 30-T 50
	Screwdriver bit Tamper TORX		2223 T 7 H-T 40 H	
	Screwdriver bit Inside 5-star bits with pin		2225 10 H-40 H	

Bits and accessories

- Special purpose steel for the highest demands
- High-precision, close-tolerance fabrication of tips and edges
- For electric and pneumatic power screwdrivers as well as for manual operation
- Tough and hard for threaded screws (hard screw-joint)
- Permanent hardness of 59 – 61 HR C for high demands in trade and industry
- High torque values, well above the DIN standard, over a long service life





Hand Tools

Screwdrivers / Bits



863-Bit Bit set

• With solid reversible ratchet 863 MBit



863 M Bit •

2215 • • •
PH 1 • PH 2 • PH 3

2223 • • •
T 10 H • T 15 H • T 20 H
T 25 H • T 27 H • T 30 H
T 40 H

2204 • •
3 • 4 • 5 • 6

2216 • • •
PZ 1 • PZ 2 • PZ 3

2208 • •
0.6x4.5 • 0.8x5.5 • 1x6

2223 • • •
T 10 • T 15 • T 20 • T 25
T 27 • T 30 • T 40

2239-6 • •

HAZET No.	L x W x H mm		EAN-No. 4000896+
863 M Bit/33	125x87x38	33	196951

2240 N Bit set

- Long-lasting bits clamp for firm and secure hold and quick access
- Clear labelling of the individual bit versions and sizes
- Optimal utilisation of the available stowage space with small dimensions
- Specially developed hinge design enables the BitE-Box to be set up at right angles (90°) and in a fully open position (180°). Hence better overview and faster access for the user



2204 • •
3 • 4 • 5 • 6

2216 • • •
PZ 1 • PZ 2 • PZ 3

2223 • • •
T 20 H • T 30 H

2208 • •
0.6x4.5 • 0.8x5.5 • 1x6

2223 • • •
T 10 • T 15 • T 20 • T 25
T 27 • T 30 • T 40

2239-6 • •

HAZET No.	L x W x H mm		EAN-No. 4000896+
2240 N/36	125x85x40	36	187614

2200 Socket set

- SmartCase (1/9) 165-S
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



HiPer
HIGH PERFORMANCE
THE ORIGINAL
MADE IN GERMANY

HAZET
SMART
case

1/9					
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850 • •
5 • 5.5 • 6 • 7
8 • 9 • 10 • 11
12 • 13 • 14

2215 • • •
PH 1 • PH 2

2239-3 • •

2204 • •
2 • 2.5 • 3 • 4 • 5 • 6 • 8

2216 • • •
PZ 1 • PZ 2

863 HP B •

2208 • •
0.5x4 • 0.6x4.5
1.2x6.5 • 0.8x5.5

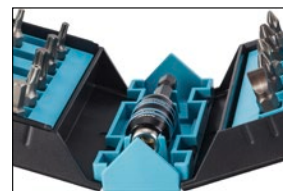
2223 • • •
T 10 H • T 15 H • T 20 H
T 25 H • T 30 H • T 40 H

2238-1 • •

2304 • •

HAZET No.	L x W x H mm		EAN-No. 4000896+
2200/36	185x153x52	36	063734

- Long-lasting bits clamp for firm and secure hold and quick access
- Clear labelling of the individual bit versions and sizes
- Optimal utilisation of the available stowage space with small dimensions
- Specially developed hinge design enables the BitE-Box to be set up at right angles (90°) and in a fully open position (180°). Hence better overview and faster access for the user
- Staggered arrangement of the bits (interleaved) ensures tremendous space saving in the top and bottom of the BitE-Box



2204 • •
2 • 2.5 • 3 • 4 • 5 • 6

2216 • • •
PZ 1 • PZ 2 • PZ 3

2223 • • •
T 10 H • T 15 H • T 20 H
T 25 H • T 27 H • T 30 H

2208 • •
0.5x4 • 0.6x4.5
• 0.8x5.5 • 1x6

2223 • • •
T 6 • T 7 • T 8 • T 9
T 10 • T 15 • T 20 • T 25
T 27 • T 30 • T 40

2239-6 • •

HAZET No.	L x W x H mm		EAN-No. 4000896+
2240 N/51	125x85x40	51	187607



2208 Bit

- Hexagon drive ISO 1173 C6.3 (1/4"), ISO 2351-1 C6,3



HAZET No.	l mm	± mm	b mm	EAN-No. 4000896+
2208- 4	25	0.5	4	014361
2208- 6	25	0.6	4.5	014385
2208- 8	25	0.8	5.5	014408
2208- 9	25	1	6	014415
2208-10	25	1.2	6.5	014323
2208-11	25	1.2	8	014347

2215 Bit

- Hexagon drive ISO 1173 C6.3 (1/4"), ISO 2351-2 C6,3



+ = Reinforced design

* = Not according to ISO 2351-2

HAZET No.	l mm	EAN-No. 4000896+
2215-PH 1	25	014491
2215-PH 2	25	014521
2215-PH 3	25	014569
2215-PH 4 + *	32	014583

2216 Bit

- Hexagon drive similar to ISO 1173 C6.3 (1/4")



HAZET No.	l mm	EAN-No. 4000896+
2216-PZ 1	25	014606
2216-PZ 2	25	014613
2216-PZ 3	25	014620

2223 Bit

- Hexagon drive ISO 1173 C6.3 (1/4")



HAZET No.	l mm	mm	EAN-No. 4000896+
2223-T 6	25	1.67	015023
2223-T 7	25	1.99	015030
2223-T 8	25	2.31	015047
2223-T 9	25	2.50	015054
2223-T 10	25	2.74	014866
2223-T 15	25	3.27	014880
2223-T 20	25	3.86	014903
2223-T 25	25	4.43	014934
2223-T 27	25	4.99	014958
2223-T 30	25	5.52	014972
2223-T 40	25	6.65	014996

2223 LG Bit

- Long design
- Hexagon drive similar to ISO 1173 C6.3 (1/4")



HAZET No.	l mm	mm	EAN-No. 4000896+
2223 Lg-T 25	65	4.43	015061

2223 LG Bit

- Long design
- Hexagon drive similar to ISO 1173 C6.3 (1/4")
- Round blade
- Suitable for all **MERCEDES-BENZ** passenger cars model year → 2011 with bolted air bag unit



HAZET No.	l mm	mm	EAN-No. 4000896+
2223 Lg-T 30	70	5.52	015092

2223 Bit

- Hexagon drive ISO 1173 C6.3 (1/4")



HAZET No.	l mm	mm	EAN-No. 4000896+
2223-T 7 H	25	1.99	058082
2223-T 8 H	25	2.31	058099
2223-T 9 H	25	2.50	058105
2223-T 10 H	25	2.74	014873
2223-T 15 H	25	3.27	014897
2223-T 20 H	25	3.86	014910
2223-T 25 H	25	4.43	014941
2223-T 27 H	25	4.99	014965
2223-T 30 H	25	5.52	014989
2223-T 40 H	25	6.65	015009

2204 Bit

- Hexagon drive ISO 1173 C6.3 (1/4"), ISO 2351-3 C6,3



* = Not according to ISO 2351-3

HAZET No.	s mm	l mm	EAN-No. 4000896+
2204-2	2	25	014149
2204-2.5	2.5	25	014156
2204-3	3	25	014163
2204-4	4	25	014170
2204-5	5	25	014187
2204-6	6	25	014200
2204-7 *	7	25	151332
2204-8 *	8	25	014217

2211 Bit

- DIN 65254, Hexagon drive ISO 1173 C6.3 (1/4")



HAZET No.	l mm	EAN-No. 4000896+
2211-4	25	056392
2211-5	25	056408

2225 5-star bit

- Operation of **inside 5-star screws with pin**
- Hexagon drive ISO 1173 C6.3 (1/4")





Hand Tools

Screwdrivers / Bits



2225 5-star bit



HAZET No.	l mm	EAN-No. 4000896+
2225-10 H	25	097043
2225-15 H	25	097050
2225-20 H	25	097067
2225-25 H	25	097074
2225-27 H	25	097081
2225-30 H	25	097098
2225-40 H	25	097104

863-Bit Reversible ratchet · solid steel · for bits

Made in Germany



• 89 mm short style

- Sturdy design in short, slim form
- Ergonomic finger support on the end of the handle
- Number of teeth: 20
- Opening angle: 18°
- Angled at 15° to reduce risk of entrapment
- With locking spring to securely hold the bits
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
863 M Bit	89	196111

863-Bit Reversible ratchet for screwdriver bits · fine-tooth

Made in Germany



• A lot more power than with ratchets with the same dimensions

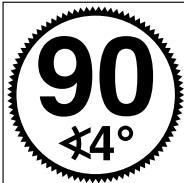
- Engaging function of the shift lever provides protection against unwanted switching
- Longer lifetime by using the latest lubricants in the ratchet mechanism
- Close manufacturing tolerances prevent dirt from getting in
- HAZET internal quality standards guarantee a loading capacity far beyond standard requirements
- Chrome-plated surface: high-quality, easy to clean, corrosion-resistant
- Integrated hanging option in the handle
- VPA tested, static torque according to DIN 3122: 120 Nm (DIN: 62 Nm)
- Number of teeth: 90
- Opening angle: 4°
- With locking spring to securely hold the bits
- HAZET 2-component handle
- Surface: chrome-plated



HiPer
HIGH PERFORMANCE
THE ORIGINAL
MADE IN GERMANY



120 Nm
HiPer



HAZET No.	l mm	EAN-No. 4000896+
863 HP B	116	235346

Wear? – No problem!

• HAZET tools are manufactured to the highest quality. During long intensive loading there is a certain level of wear even for high-quality tools.

• For this reason, there are spare parts and replacement sets available for many of our tools.



Cost-saving – Sustainable – Resource-saving!
For long-term pleasure with your HAZET tools

863 Replacement set

Made in Germany

- Number of teeth: 20
- Opening angle: 18°



HAZET No.	EAN-No. 4000896+
• Replacement set for shift lever consisting of: shift lever · pawl · screws · ball · compression spring For HAZET reversible ratchet 863 K · 863 · 863 G · 863 P · 863 PC · 863 Q · 863 S · 863 ST · 863 BGL · 863 BKC · 863 BK · 863 MC · 863 Mbit · 2264	
863 P/6	144600
• Replacement set for ratchet wheel $\varnothing 6.3 = 1/4"$ consisting of: ratchet wheel · pawl · shift lever · screws · ball · compression spring For HAZET reversible ratchet 863 BGL · 863 BKC · 863 BK · 863 MBit · 2264	
2264/7	015917

810 BH Bit holder

• Bayonet fitting



- Versatile and flexible for home and workshop
- Perfect for supplementing with HAZET bit sets
- No annoying rolling away thanks to special design
- Non-slip HAZET 3-component handle – allows high power transmission



HAZET No.	l ₁ mm	l ₂ mm	EAN-No. 4000896+
810 BH	22.5	132.5	217175





810 SPC Bit holder 6.3 = 1/4"

- Magnet
- Non-slip HAZET 3-component handle – allows high power transmission
- Surface: matt chrome-plated



HAZET No.	l ₁ mm	l ₂ mm	EAN-No. 4000896+
810 SPC-6.3	100	210	165827

2255 Bit holder

Made in Germany

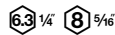
- Flexible shaft
- Plastic handle



HAZET No.	l ₁ mm	l ₂ mm	EAN-No. 4000896+
2255-1	200	310	050079

2265 Reversible ratchet for bits

- For screwdriver bits with drive $\square 6.3 = 1/4"$, and $\square 8 = 5/16"$
- Magnetic holder
- Surface: bright chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
2265-1	140	079636

2239 Adapter

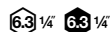
- Permanent magnet ensuring secure hold of bits and screws
- Stainless steel socket
- Hexagon drive burnished
- DIN 7427-B, ISO 1173
- For drilling machines and cordless screwdrivers
- $\square D 6.3 = 1/4"$ $\bullet C 6.3$ mm



HAZET No.	l mm	EAN-No. 4000896+
2239-1	60	015375

Made in Germany

- Permanent magnet ensuring secure hold of bits and screws
- Stainless steel socket
- Hexagon drive burnished
- DIN 7427-B, ISO 1173
- For power screwdrivers
- $\square D 6.3 = 1/4"$ $\bullet E 6.3$ mm e.g. AEG, Atlas Copco, Black & Decker, Bosch

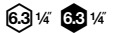


2239 Adapter



HAZET No.	l mm	EAN-No. 4000896+
2239-3	75	015399

- Permanent magnet ensuring secure hold of bits and screws
- Hexagon drive burnished
- DIN 7427-B, ISO 1173



HAZET No.	l mm	EAN-No. 4000896+
2239-6	51.4	141418

2304 Adapter

- Clamping ball
- Surface: phosphatized, oiled



HAZET No.	l mm	EAN-No. 4000896+
2304	25	016020
2311	38	016068

2238 Adapter

Made in Germany

- Connecting sockets
- $\square 6.3 = 1/4"$ (DIN 3120 – A 6.3) and drive operating tools $\square 6.3 = 1/4"$, (ISO 1173-E 6.3)
- Clamping ball
- Surface: burnished, oiled



HAZET No.	l mm	EAN-No. 4000896+
2238-1	50	063741

2250 Adapter

Made in Germany

- For manual operation
- Inside square and inside hexagon sockets
- Clamping ball for bits
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
2250-1	23.5	015443
2250-2	30	015450
2250-4	35	015504









Hand Tools

Screwdrivers / Bits





2272 Impact screwdriver set (bits)

- Impact operation of tight screw connections       8 ⁵/₁₆"
- Up to 80 Nm loosening and tightening torque
- Switchable (right- and left-hand threads)
- Pretension impact screwdriver by rotating the handle left (loosening or right-hand thread) or right (tightening or left-hand thread) before every impact. Hit the head section of the impact screwdriver with a 300 g hammer
- No electricity, compressed air or other resources needed





1/9					
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2206 •  •  ⁵/₁₆"
5 • 6 • 8 • 10

2217 •  •  ⁵/₁₆"
PH 2 • PH 3 • PH 4



2272 •  ⁵/₁₆"

2210 •  •  ⁵/₁₆"
0.8x5.5 • 1x5.5 • 1.2x6.5
1.6x8 • 2x12

2224 •  •  ⁵/₁₆"
T 30 • T 40 • T 45 • T 50

HAZET No.	L x W x H mm		EAN-No. 4000896+
2272/23 N	185x153x52	23	192687



2210 Bit

- Hexagon drive ISO 1173 C8 (⁵/₁₆"), ISO 2351-1 C8   8 ⁵/₁₆"



HAZET No.	l mm	$\frac{b}{l}$ mm	b mm	EAN-No. 4000896+
2210- 8	41	0.8	5.5	014477
2210- 9	41	1	5.5	014484
2210-10	41	1.2	6.5	014422
2210-12	41	1.6	8	014446
2210-14	41	2	12	014460

2217 Bit



- Hexagon drive ISO 1173 C8 (⁵/₁₆"), ISO 2351-2 C8   8 ⁵/₁₆"



+ = Reinforced design

HAZET No.	l mm	EAN-No. 4000896+
2217-PH 1	32	014651
2217-PH 2	32	014668
2217-PH 3	32	014682
2217-PH 4 +	38	014699

2218 Bit

- Hexagon drive similar to ISO 1173 C8 (⁵/₁₆"   8 ⁵/₁₆"



+ = Reinforced design

HAZET No.	l mm	EAN-No. 4000896+
2218-PZ 1	32	014705
2218-PZ 2	32	014712
2218-PZ 3	32	014729
2218-PZ 4 +	38	014736

2224 Bit

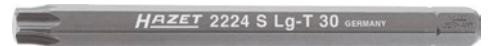
- Hexagon drive ISO 1173 C8 (⁵/₁₆"   8 ⁵/₁₆"



HAZET No.	l mm	$\frac{b}{l}$ mm	EAN-No. 4000896+
2224-T 25	35	4.43	015115
2224-T 27	35	4.99	015122
2224-T 30	35	5.52	015139
2224-T 40	35	6.65	015160
2224-T 45	35	7.82	015177
2224-T 50	35	8.83	015184
2224-T 55	35	11.22	015191



2224 SLG Bit

- Long design   8 ⁵/₁₆"
- Hexagon drive ISO 1173 C8 (⁵/₁₆"



HAZET No.	l mm	$\frac{b}{l}$ mm	EAN-No. 4000896+
2224 S Lg-T 30	100	5.52	015245
2224 S Lg-T 40	100	6.65	015252
2224 S Lg-T 45	100	7.82	015269
2224 S Lg-T 50	100	8.83	015283

2206 Bit



- Hexagon drive ISO 1173 C8 (⁵/₁₆"), ISO 2351-3 C8   8 ⁵/₁₆"



* = Not according to ISO 2351-3

HAZET No.	s mm	l mm	EAN-No. 4000896+
2206- 5	5	30	014262
2206- 6	6	30	014279
2206- 7	7	30	151349
2206- 8	8	30	014286
2206-10 *	10	30	014255

2212 Bit

- DIN 65254, Hexagon drive ISO 1173 C8 (⁵/₁₆"   8 ⁵/₁₆"



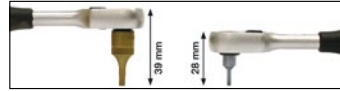
HAZET No.	l mm	EAN-No. 4000896+
2212- 6	32	056415
2212- 8	32	056422
2212-10	32	056439



2264 Reversible ratchet for bits

Made in Germany

- Surface: chrome-plated, polished

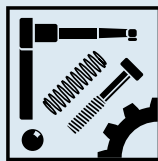


HAZET No.	l mm	EAN-No. 4000896+
2264-1	200	015894

- Drive $\text{O } 8 = \frac{5}{16}''$
- 30 teeth

Wear? – No problem!

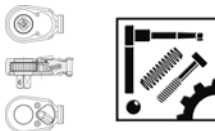
- HAZET tools are manufactured to the **highest quality**. During long intensive loading there is a certain level of wear even for high-quality tools.
- For this reason, there are spare parts and replacement sets available for many of our tools.



Cost-saving – Sustainable – Resource-saving!
For long-term pleasure with your HAZET tools

8816 Replacement set

Made in Germany



HAZET No.	EAN-No. 4000896+
8816 P/6	144617
2264-1/7	015900

- **Replacement set for shift lever** consisting of: shift lever · screws · ball · compression spring · pawl
For HAZET reversible ratchet 8816 G · 8816 GK · 8816 P · 8816 S · 8816 ST 916 K · 2264-1
For HAZET torque wrench 5110-2 CT · 5120-2 CT · 5110-3 CT · 5111-3 CT · 5120-3 CT
6110 CT · 6110-1 CT · 6111-1 CT
6114-1 CT · 6115-1 CT
6402-1 · 6402-1 S · 6408-1

8816 P/6 144617

- **Replacement set for ratchet wheel** $\text{O } 8 = \frac{5}{16}''$ consisting of: ratchet wheel, pawl · shift lever · screws · ball · compression spring
For HAZET reversible ratchet 2264-1 · 6408-1

2264-1/7 015900

2272 Impact bit screwdriver

- Impact operation of tight screw connections
- Up to 80 Nm loosening and tightening torque
- Switchable (right- and left-hand threads)
- Pretension impact screwdriver by rotating the handle left (loosening or right-hand thread) or right (tightening or left-hand thread) before every impact. Hit the head section of the impact screwdriver with a 300 g hammer
- No electricity, compressed air or other resources needed



HAZET No.	l mm	EAN-No. 4000896+
2272	165	015979

8808 S Impact adapter

Made in Germany

- Fixation of power screwdriver sockets with \square drive $10 = \frac{3}{8}''$
- With locking pin retaining
- Surface: steel grey, oiled



HAZET No.	l mm	EAN-No. 4000896+
8808 S-1	75	040032

2250 Adapter

- For **manual operation**
- Inside square and inside hexagon sockets
- Clamping ball for bits
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
2250-3	31	015474
2250-5	36	015511

- $\text{O } 8 = \frac{5}{16}'' - \square 10 = \frac{3}{8}''$

2250-3 31 015474

- $\text{O } 8 = \frac{5}{16}'' - \square 12.5 = \frac{1}{2}''$

2250-5 36 015511





Hand Tools

Pliers



Pliers



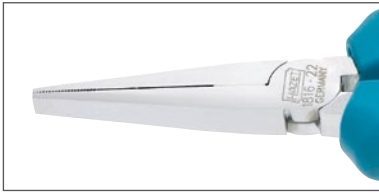
Combination pliers [1850] / heavy-duty combination pliers [1851]		202
Diagonal cutters [1802 - 1804]		202-203
Flat nose pliers / snipe nose pliers [1841]		203
End cutting / tower pincers [1810]		204
Universal pliers [760] / Swedish pattern wrench [2183]		204-205
Wire twisters [1811]		205
Circlip pliers [1845 / 1846 / 1847]		205-208
Grip pliers [752 - 758]		209-210
Hose clamp pliers [798]		210-213
Pliers with protective insulation [759 VDE / 1816 VDE - 1860 VDE]		249-250
Crimping pliers [4656 / 4658]		251
Spark plug socket pliers [1849] / Glow plug socket pliers [4760]		385/389
Piston ring pliers [790]		391
Valve stem seal ring pliers [791 / 2991]		391-392
Fuel line pliers [4501]		394
Flexible hose clamp [4590]		394-395
Brake spring pliers [796 / 797]		423
Clamp pliers [1847]		447
Balance weight pliers [665]		450
Sheet metal profile snips [1961]/ flange tool [1932] / sheet metal punch [1964]		460
Hand riveting tool [1963]		461



The surface of the HAZET pliers

Top quality for a long service life

Bright chrome-plated



- Resistant to tarnishing
- Resistant to air, water, diluted acids and most alkalis
- Protection against corrosion and wear
- Elegant appearance

Polished and sand-blasted



- Non-glaring
- Increased scratch resistance, therefore longer service life

The handles

Ergonomically shaped



① Maximum safety with slip protection

② 2-component handle – excellent touch and feel with hard and soft zones distributed throughout

③ Ergonomically shaped – therefore free of fatigue in continuous operation

The wire classes

Cutting values according to DIN ISO 5744:

Material examples	Wire hardness	Tensile strength N/mm ²		
	Medium-hard	approx. 800	Nail, wire pin	
	Hard wire	approx. 1600	Steel wire, cable fibre	
	Piano wire	approx. 2300	Spring steel wire	



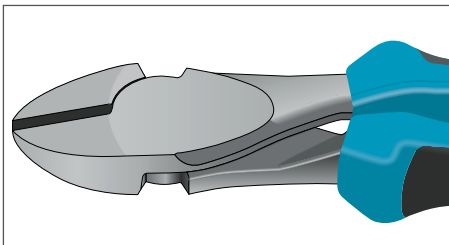
Pictogram key

	For flat material on pliers
	For round material on pliers
	Centre cutter
	Flush cutter
	Round-nose pliers

	Flat nose pliers
	Snipe nose pliers
	Inside lockrings
	Outside lockrings

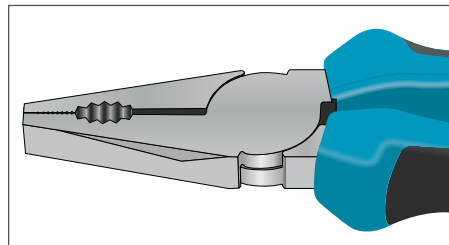
Small HAZET pliers basics

Joint types



Lay-on slip joint:

Here the two halves of the pliers sit on top of each other without special elaboration.



Lap joint:

Here each shank of the pliers is wrought as far as half way inside the joint area in such a way that both shanks sit optimally inside each other



Box joint:

Here one half of the pliers shank is slotted so that the other half can be pushed through with an exact fit. Advantage: with the two-sided mounting of the joint bolt and the double guidance of the pliers' inside shank, this joint connection can withstand high loads.

Jaw forms



Flat



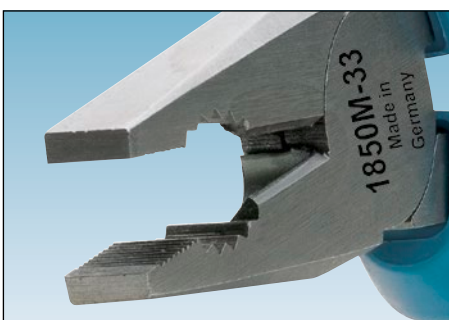
Snipe nose



Obtusely curved

Gripping area

- Chequered in accordance with DIN ISO 5742





Pliers

1850 Combination pliers

Made in Germany

- Induction-hardened cutting edges with grind
- Cutting edge hardness: 60 HRC
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: bright chrome-plated
- DIN ISO 5746



HAZET No.	l mm	Rm N/mm ² ○ 800	Rm N/mm ² ● 1600	EAN-No. 4000896+
1850-22	170	3	2	007141
1850-33	190	3.2	2.2	007165

1850 M Combination pliers

Made in Germany

- Induction-hardened cutting edges with grind
- Cutting edge hardness: 60 HRC
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: polished, blasted
- DIN ISO 5746



HAZET No.	l mm	Rm N/mm ² ○ 800	Rm N/mm ² ● 1600	EAN-No. 4000896+
1850 M-22	160	2.5	1.8	145034
1850 M-33	180	2.8	2.5	144747

1851 Heavy-duty combination pliers

Made in Germany

- Optimum leverage ratio due to small distance between joint and cutting edges

- Induction-hardened cutting edges with grind
- Cutting edge hardness: 64 HRC
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: chrome-plated, head high gloss
- DIN ISO 5746



HAZET No.	l mm	Rm N/mm ² ○ 800	Rm N/mm ² ● 1600	Rm N/mm ² ● 2300	EAN-No. 4000896+
1851-44	210	3.8	2.7	2.2	055081

1851 M Heavy-duty combination pliers

Made in Germany

- Optimum leverage ratio due to small distance between joint and cutting edges

- Induction-hardened cutting edges with grind
- Cutting edge hardness: 64 HRC
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: polished, blasted
- DIN ISO 5746



HAZET No.	l mm	Rm N/mm ² ○ 800	Rm N/mm ² ● 1600	Rm N/mm ² ● 2300	EAN-No. 4000896+
1851 M-44	200	3.8	2.7	2.2	144914

1803 Diagonal cutter

Made in Germany

- Easy motion joint free of clearance
- Lap joint
- Induction-hardened cutting edges with grind
- Cutting edge hardness: 62 HRC
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: bright chrome-plated
- DIN ISO 5749



HAZET No.	l mm	Rm N/mm ² ○ 800	Rm N/mm ² ● 1600	EAN-No. 4000896+
1803-11	145	2.5	1.8	093854
1803-22	165	2.8	2	006106

1803 M Diagonal cutter

Made in Germany

- Easy motion joint free of clearance
- Lap joint
- Induction-hardened cutting edges with grind
- Cutting edge hardness: 62 HRC
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: polished, blasted
- DIN ISO 5749



HAZET No.	l mm	Rm N/mm ² ○ 800	Rm N/mm ² ● 1600	EAN-No. 4000896+
1803 M-11	145	2.5	1.8	145218
1803 M-22	165	2.8	2	144945
1803 M-33	180	3	2.5	145225

1802 Heavy-duty diagonal cutters

Made in Germany

- Optimum leverage ratio due to small distance between joint and cutting edges

- Forged design
- Easy motion joint free of clearance
- Lay-on slip joint
- Induction-hardened cutting edges with grind
- Cutting edge hardness: 64 HRC
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: bright chrome-plated
- DIN ISO 5749



HAZET No.	l mm	Rm N/mm ² ○ 800	Rm N/mm ² ● 1600	Rm N/mm ² ● 2300	EAN-No. 4000896+
1802-11	160	3.5	2.5	2	006038
1802-22	180	3.8	2.7	2.2	006052
1802-33	200	4.2	3	2.5	006076

1802 M Heavy-duty diagonal cutters

Made in Germany

- Optimum leverage ratio due to small distance between joint and cutting edges

- Forged design
- Easy motion joint free of clearance
- Lay-on slip joint
- Induction-hardened cutting edges with grind
- Cutting edge hardness: 64 HRC
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: polished, blasted
- DIN ISO 5749



HAZET No.	l mm	Rm N/mm ² ○ 800	Rm N/mm ² ● 1600	Rm N/mm ² ● 2300	EAN-No. 4000896+
1802 M-11	160	3.5	2.5	2	144730
1802 M-22	180	3.8	2.7	2.2	144525
1802 M-33	200	4.2	3	2.5	144938



Hand Tools

Pliers



1804 N High-leverage diagonal cutter

Made in Germany

- Performance class H (piano wire, hardened steel wire)
- Leverage **reduces force expenditure by 40%**
- Opening spring and locking
- Induction-hardened cutting edges with grind
- Cutting edge hardness: 64 HRC
- Handles with dip coating
- DIN ISO 5747



HAZET No.	l mm	Rm N/mm ² ○ 800	Rm N/mm ² ● 1600	Rm N/mm ² ● 2300	EAN-No. 4000896+
1804 N-2	160	3	2.7	2.2	086276

Pliers · with protective insulation

See chapter Tools with protective insulation / Tools for electricians page 249 – 250



1841 A Snipe nose pliers

Made in Germany

- Flat round shape, induction-hardened cutting edges
- Straight design
- Cutting edge hardness: 60 HRC
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: bright chrome-plated
- DIN ISO 5745



HAZET No.	l mm	Rm N/mm ² ○ 800	Rm N/mm ² ● 1600	EAN-No. 4000896+
1841 a-22	165	2.5	1.6	006366
1841 a-33	205	2.8	1.8	006380

1841 MA Snipe nose pliers

Made in Germany

- Flat round shape, induction-hardened cutting edges
- Straight design
- Cutting edge hardness: 60 HRC
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: polished, blasted
- DIN ISO 5745



HAZET No.	l mm	Rm N/mm ² ○ 800	Rm N/mm ² ● 1600	EAN-No. 4000896+
1841 M a-11	145	2.3	1.6	145232
1841 M a-22	165	2.5	1.6	144754
1841 M a-33	205	2.8	1.8	144877

1841 B Snipe nose pliers

Made in Germany

- Flat round shape, induction-hardened cutting edges
- Curved design (45°)
- Cutting edge hardness: 60 HRC
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: bright chrome-plated
- DIN ISO 5745



HAZET No.	l mm	Rm N/mm ² ○ 800	Rm N/mm ² ● 1600	EAN-No. 4000896+
1841 b-33	200	2.8	1.8	006434

1841 MB Snipe nose pliers

Made in Germany

- Flat round shape, induction-hardened cutting edges
- Curved design (45°)
- Cutting edge hardness: 60 HRC
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: polished, blasted
- DIN ISO 5745



HAZET No.	l mm	Rm N/mm ² ○ 800	Rm N/mm ² ● 1600	EAN-No. 4000896+
1841 M b-33	200	2.8	1.8	144891

1841 A Snipe nose pliers

Made in Germany

• Extra long style

- Flat round shape
- Straight design
- Handles with dip coating



HAZET No.	l mm	EAN-No. 4000896+
1841 A-280	280	051489
1841 B-280	280	051694

1816 Flat nose pliers

Made in Germany

- Flat form
- Straight design
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: bright chrome-plated
- Functional dimensions according to DIN ISO 5745

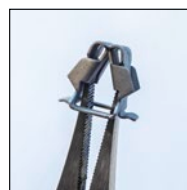


HAZET No.	l mm	EAN-No. 4000896+
1816-22	160	006274

Made in Germany

• Particularly flat shape for use in very confined spaces

- Flat form
- Straight design
- Handles with dip coating



HAZET No.	l mm	EAN-No. 4000896+
1816 K-1	135	232949



1849 Spark plug socket pliers

Made in Germany

• Especially suitable for hot terminals

- Application: Installing and removing **spark plug sockets**
- Side cutter
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
1849	195	007080

Made in Germany

• Safe application due to milled jaw profile

- Application: Installing and removing straight **spark plug sockets**
- Especially on **MERCEDES-BENZ**
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
1849-1	200	128037

Made in Germany

• Long style provides a better safety distance to the hot engine

- Application: Installing and removing straight **spark plug sockets**
- Especially for **low-lying spark plug sockets**, e.g. on **AUDI V6** and **V8** engines · **JAGUAR 12-cylinder**
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
1849-2	290	007103

Made in Germany

• Especially suitable for hot terminals

- Application: Installing and removing **spark plug sockets**
- Long style
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
1849-3	265	055098

1810 End cutting / tower pincers

Made in Germany

- Cutting edge hardness: 61 HRC
- DIN ISO 9242

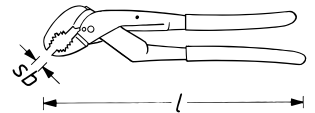


HAZET No.	l mm	Rm N/mm ² ○ 800	Rm N/mm ² ● 1600	EAN-No. 4000896+
1810-250	250	3.5	2	006236

760 N Universal pliers

Made in Germany

- Relief-milled guide flutes
- Jaws induction hardened
- Fluted lay-on slip joint
- Surface: chrome-plated
- DIN ISO 8976



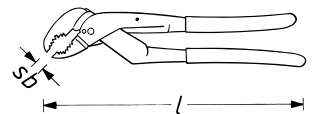
HAZET No.	l mm	sb mm	sb mm ●	EAN-No. 4000896+
760 N-1	180	30	45	030460
760 N-2	260	50	65	030484
760 N-3	310	65	80	030514
760 N-4	415	110	120	030538

760 Universal pliers

Made in Germany

• With quick-adjust lever: "Fits all your needs – ...it all depends on the right lever"

- Comfortable quick adjustment thanks to **tip/step lever function**
- **Adjustment without re-gripping** – one-hand actuation possible
- A maximum clamping range of up to 50 mm width across flats makes these HAZET pliers some of the largest in their class
- The integral clamping protection prevents injuries (e.g. crushing)
- Handles with dip coating
- DIN ISO 8976



HAZET No.	l mm	sb mm	sb mm ●	EAN-No. 4000896+
760-2	260	50	50	188451



Hand Tools

Pliers



2183 Swedish pattern wrench

- Swedish pattern
- Self-locking, safe and firm grip even of smooth tubes due to 3-point tensioning
- Application on nuts and tubes, 25 mm = 1" – 37 mm = 1.½" – 50 mm = 2"
- Handles with double-T-section profile
- Slim, S-shaped jaws, 45° angle
- Induction-hardened teeth offset against direction of rotation
- Forged design
- Surface: powder coated, polished jaws
- DIN 5234



HAZET No.	l mm	sb mm	EAN-No. 4000896+
2183-1.5	416	46	013753
2183-2	535	65	013760

1811 Wire twisters

• Side cutter and serrated jaws

- Right-hand drive
- Bevelled at 30°
- For wires up to 1.6 mm Ø
- Solid metal design
- Head polished



HAZET No.	l mm	EAN-No. 4000896+
1811-250	250	078936

1845 A Circlip pliers

• Made in Germany

- Safe and fast working
- Firmer hold on the safety ring thanks to precise, conical and relief-ground jaws (phosphatized)
- Solid plastic body
 - Extremely resilient metal core extends far into the pliers' shanks
 - Light-weight – ergonomically shaped
- Readjusting spring
- Twist-safe, tips are welded to the solid metal core
- Straight design (form A)
- For outside lockrings
- DIN 5254



HAZET No.	l mm	Ø mm	mm	EAN-No. 4000896+
1845 A- 3	140	3–10	0.9	048663
1845 A-10	140	10–25	1.3	048670
1845 A-19	180	19–60	1.8	048687

1845 B Circlip pliers

• Made in Germany

- Safe and fast working
- Firmer hold on the safety ring thanks to precise, conical and relief-ground jaws (phosphatized)
- Solid plastic body
 - Extremely resilient metal core extends far into the pliers' shanks
 - Light-weight – ergonomically shaped
- Readjusting spring
- Twist-safe, tips are welded to the solid metal core
- Tips bent 90° (form B)
- For outside lockrings



HAZET No.	l mm	Ø mm	mm	EAN-No. 4000896+
1845 B- 3	130	3–10	0.9	048694
1845 B-10	130	10–25	1.3	048700
1845 B-19	172	19–60	1.8	048717

1845 C Circlip pliers

• Made in Germany

- Safe and fast working
- Firmer hold on the safety ring thanks to precise, conical and relief-ground jaws (phosphatized)
- Solid plastic body
 - Extremely resilient metal core extends far into the pliers' shanks
 - Light-weight – ergonomically shaped
- Readjusting spring
- Twist-safe, tips are welded to the solid metal core
- Straight design (from C)
- For inside lockrings
- DIN 5256



HAZET No.	l mm	Ø mm	mm	EAN-No. 4000896+
1845 C- 8	140	8–11	0.9	048724
1845 C-12	140	12–25	1.3	048731
1845 C-19	180	19–60	1.8	048748





1845 D Circlip pliers

Made in Germany

- Safe and fast working
- Firmer hold on the safety ring thanks to precise, conical and relief-ground jaws (phosphatized)
- Solid plastic body
 - Extremely resilient metal core extends far into the pliers' shanks
 - Light-weight – ergonomically shaped
- Readjusting spring
- Twist-safe, tips are welded to the solid metal core
- Tips bent 90° (form D)
- For inside lockrings

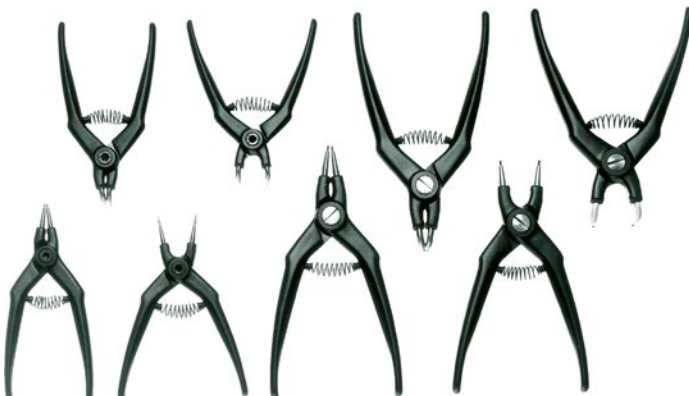


HAZET No.	l mm	Ø mm	mm	EAN-No. 4000896+
1845 D- 8	133	8–11	0.9	048755
1845 D-12	133	12–25	1.3	048762
1845 D-19	170	19–60	1.8	048779

1845 Circlip pliers set

Made in Germany

- Safe and fast working
- Firmer hold on the safety ring thanks to precise, conical and relief-ground jaws (phosphatized)
- Solid plastic body
 - Extremely resilient metal core extends far into the pliers' shanks
 - Light-weight – ergonomically shaped
- Readjusting spring
- Twist-safe, tips are welded to the solid metal core
- DIN 5254



1845 A	1845 B	1845 C	1845 D
1845 A-10	1845 B-10	1845 C-8	1845 D-8
1845 A-19	1845 B-19	1845 C-19	1845 D-19

HAZET No.	mm	EAN-No. 4000896+
1845/8	8	048656

1845 Circlip pliers set

Made in Germany

- Safe and fast working
- Firmer hold on the safety ring thanks to precise, conical and relief-ground jaws (phosphatized)
- Solid plastic body
 - Extremely resilient metal core extends far into the pliers' shanks
 - Light-weight – ergonomically shaped
- Readjusting spring
- Twist-safe, tips are welded to the solid metal core
- DIN 5254



1845 A-19	1845 B-19	1845 C-19	1845 D-19
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HAZET No.	mm	EAN-No. 4000896+
1845/4	4	184132

Made in Germany

- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant

(E)

1/3



1845 A-19	1845 B-19	1845 C-19	1845 D-19
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HAZET No.	L x W mm	mm	EAN-No. 4000896+
163-124/4	342x172	4	153602

1846 A Circlip pliers

Made in Germany

- Cylindrical tips worked out in optimal angle
- Exactly defined, extra stable cone tips
- Safe fit of the locking
- Electrothermic hardening and tempering
- Straight design (from C)
- For inside lockrings
- Surface: chrome-plated, tip steel grey
- DIN 5256 form C



HAZET No.	l mm	Ø mm	mm	EAN-No. 4000896+
1846 a-0	139	8– 13	0.9	006793
1846 a-1	140	12– 25	1.3	006809
1846 a-2	180	19– 60	1.8	006816
1846 a-3	225	40–100	2.3	006823
1846 a-4	310	85–140	3.2	006830



Hand Tools

Pliers



1846 A Circlip pliers

Made in Germany

- Quick-releasing locking mechanism for holding the respective removal or installation position

- Shanks made of sheet steel
- Tips tempered, screwed, replaceable
- Straight design (from C)
- For inside lockrings
- Surface: powder coated



HAZET No.	l mm	Ø mm	mm	EAN-No. 4000896+
• Straight jaws for inside lockrings (bore holes)				
1846 a-5	545	122-300	3.5	081271
• Replacement tips · straight				
• For 1846 a-5				
1846 a-05/2	-	-	-	081288
• Conversion tips · bent at 90°				
To convert the pliers 1846 a-5				
1846 b-05/2	-	-	-	081318

1846 B Circlip pliers

Made in Germany

- Tips bent 90° (form D)
- For inside lockrings
- Surface: chrome-plated, tip steel grey
- DIN 5256 form D



HAZET No.	l mm	Ø mm	mm	EAN-No. 4000896+
1846 b-0	139	8- 13	0.9	006847
1846 b-1	140	10- 25	1.3	006854
1846 b-2	180	19- 60	1.8	006861
1846 b-3	225	40-100	2.3	006878
1846 b-4	310	85-165	3.2	006885

Made in Germany

- Long, 90° angled tips

- Jaws curved 90°
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: chrome-plated



HAZET No.	l mm	Ø mm	mm	EAN-No. 4000896+
1846 b-1.6	195	12-30	1.5	061457

1846 C Circlip pliers

Made in Germany

- Straight design (form A)
- For outside lockrings
- Surface: chrome-plated, tip steel grey
- DIN 5254 form A



1846 C Circlip pliers

HAZET No.	l mm	Ø mm	mm	EAN-No. 4000896+
1846 c-0	139	3- 10	0.9	006892
1846 c-1	140	10- 25	1.3	006908
1846 c-2	180	19- 60	1.8	006915
1846 c-3	225	40-100	2.3	006922
1846 c-4	310	85-140	3.2	006939

Made in Germany

- Shanks made of sheet steel
- Tips tempered, screwed, replaceable
- Straight design (form A)
- For outside lockrings
- Surface: powder coated



HAZET No.	l mm	Ø mm	mm	EAN-No. 4000896+
• Straight jaws for outside lockrings (shafts)				
1846 c-5	538	122-300	3.5	081332
• Replacement tips · straight				
• For 1846 c-5				
1846 c-05/2	-	-	-	081349
• Conversion tips · bent at 90°				
To convert the pliers 1846 c-5				
1846 d-05/2	-	-	-	081370

1846 D Circlip pliers

Made in Germany

- Tips bent 90° (form B)
- For outside lockrings
- Surface: chrome-plated, tip steel grey
- DIN 5254 form B



HAZET No.	l mm	Ø mm	mm	EAN-No. 4000896+
1846 d-0	139	3- 10	0.9	006946
1846 d-1	140	10- 25	1.3	006953
1846 d-2	180	19- 60	1.8	006960
1846 d-3	225	40-100	2.3	006977
1846 d-4	310	85-140	3.2	006984





1847 Circlip pliers

Made in Germany

- Jaws bent 90°, tips chequered
- For outside lockrings
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
1847-2	200	007011

Made in Germany

- For homocinetic joint or drive shaft
- Jaws bent 10°, tips chequered
- For outside lockrings
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
1847-3	200	007028

Made in Germany

- Jaws bent 30°
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
1847-6	200	050468

Made in Germany

- Jaws bent 30°
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
1847-61	200	058761

1847 Circlip pliers set

Made in Germany

- **Easy, damage-free assembly of the drive shaft joint: damage to the serration of joint and shaft is avoided with internal circlip during assembly of the drive shaft joint**

- Easy fixing of the locking pliers with the circlip
- The pliers automatically slip down when striking the joint
- Safe work without damage to the bellows
- For drive shafts from all manufacturers
- One-hand operation of the pliers
- No other tools needed

Application tip:

- Insert appropriate half shells (shaft diameter) in pliers
- Place pliers on serration with pre-assembled circlip and clamp
- Pre-positioning of the joint due to conical shape of the pliers makes it easier to introduce the serration without damage
- Suitable for almost all vehicles commonly registered in Europe
- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



1847-12	1847-123/2	1847-126/2
1847-121/2	1847-124/2	
1847-122/2	1847-125/2	1847-127/2

HAZET No.	L x W x H mm	□	EAN-No. 4000896+
1847-12/15	355x235x65	15	221288

1847 Components

Made in Germany

HAZET No.	EAN-No. 4000896+
Circlip pliers	
1847-12	222117
Half shell pair (∅ 19 mm)	
1847-121/2	221295
Half shell pair (∅ 21.4 mm)	
1847-122/2	221301
Half shell pair (∅ 22.3–23 mm)	
1847-123/2	221318
Half shell pair (∅ 23.8–24.6 mm)	
1847-124/2	221325
Half shell pair (∅ 26.2–26.9 mm)	
1847-125/2	221332
Half shell pair (∅ 28.5–29.2 mm)	
1847-126/2	221349
Half shell pair (∅ 30 mm)	
1847-127/2	221356



Hand Tools

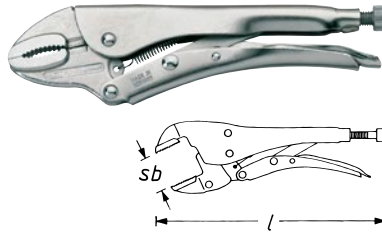
Pliers



757 Grip pliers

Made in Germany

- Half-round jaws
- Quick-release lever
- Wirecutter
- Surface: nickel-plated

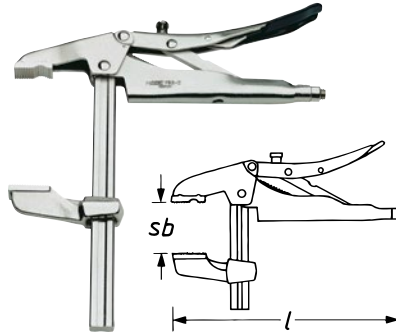


HAZET No.	l mm	sb mm	EAN-No. 4000896+
757- 5	140	30	062300
757- 7	180	35	030347
757-10	250	50	030293
757-12	300	65	030323

753 Grip pliers

Made in Germany

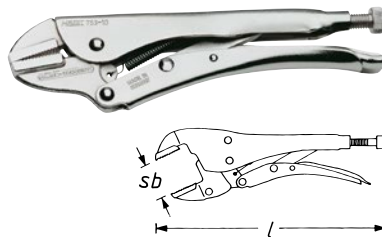
- For small round parts and bulky work pieces
- Parallel grip jaws – clamping function
- One-sided prismatic groove
- Long guide pin
- Quick-release lever
- Surface: nickel-plated



HAZET No.	l mm	sb mm	sb mm	EAN-No. 4000896+
753-2	260	200	5–75	030231

Made in Germany

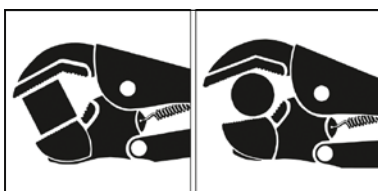
- Straight jaws – for flat material
- Quick-release lever
- Surface: nickel-plated



HAZET No.	l mm	sb mm	EAN-No. 4000896+
753-10	250	40	030200

Made in Germany

- One jaw straight, one half-round, with one swivel jaw for flat and asymmetrical material
- Surface: nickel-plated

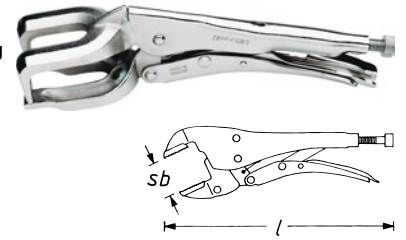


HAZET No.	l mm	sb mm	sb mm	EAN-No. 4000896+
753-10 S	250	45	16–45	030217

758 Grip pliers

Made in Germany

- Malleable iron jaws – extremely heat-resistant – especially resistant to welding bead deposits



- Quick-release lever
- Jaw angle 90°
- Surface: nickel-plated

HAZET No.	l mm	sb mm	sb mm	EAN-No. 4000896+
758-1	280	51	35–70	030361

Made in Germany

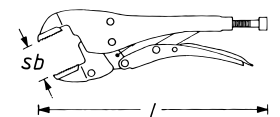
- Quick-release lever
- Surface: nickel-plated



HAZET No.	l mm	sb mm	st mm	EAN-No. 4000896+
758-2	280	90	95–77	030378

755 Grip pliers · self-adjusting

- One-hand operation and automatic adjustment
- Variable adjustment of jaw pressure
- Easy and safe release – the jaws are locked until the release lever is pressed
- Cam mechanism – allows automatic adjusting of the pliers to any size when applying a constant jaw pressure
- Wirecutter
- Anti-slip surface

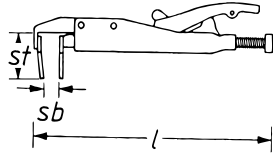


HAZET No.	l mm	sb mm	EAN-No. 4000896+
755- 6 A	161	0–32	126569
755- 7 A	192	0–44	126576
755-10 A	230	0–44	126590



752 Grip pliers

- Especially suitable for working with curves due to the slim design
- Gripping power works in axial direction
- Quick-release lever
- Surface: bright nickel-plated
- For working on U-beams and weld seams in the fold



HAZET No.	l mm	sb mm	b mm	st mm	EAN-No. 4000896+
752-2	205	15	18	18	030125

798 Hose clamp pliers

- **Made in Germany**
- Application: Simple hose clamps, e.g. on washing machines
- **Rotating jaws** – for areas with restricted access
- Surface: chrome-plated



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798	206	40	031832

798-1 Hose clamp pliers

- **Made in Germany**
- **Locking device, adjustable jaw opening**
- Application: Simple hose clamps
- **Rotating jaws** – for areas with restricted access
- Surface: chrome-plated



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-1	285	45	031900

798 Clic hose clamp pliers

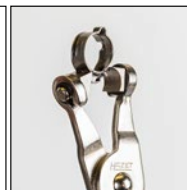
- **Made in Germany**
- Application: Reusable CLIC type hose clips on fuel lines
- On e.g. **VW · AUDI · OPEL/VAUXHALL · PEUGEOT and ALFA**
- Open and close easily by turning the pliers by 180°
- Fixed jaws, bent 90°



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-2	175	20	051397

798 Hose clamp pliers

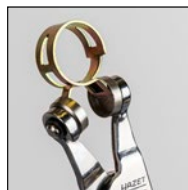
- **Made in Germany**
- Application: Operating reusable CLIC hose clips
- **AUDI · VW · OPEL/VAUXHALL · PEUGEOT · SMART and MERCEDES-BENZ**
- Open and close easily by turning the pliers by 180°
- **Rotating jaws** – for areas with restricted access
- Surface: nickel-plated



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-3	206	35	102433

798-4 Hose clamp pliers

- **Made in Germany**
- Application: Self-gripping spring band hose clamps
- **Rotating jaws** – for areas with restricted access



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-4	205	35	031948



Hand Tools

Pliers



798 Hose clamp pliers

Made in Germany

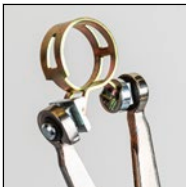
- Application: For spring band hose clamps, e.g. on VW, AUDI and OPEL/VAUXHALL
- Rotating jaws – for areas with restricted access



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-5	210	6-40	031955

Made in Germany

- Application: For spring band hose clamps 12 and 15 mm width, 13 – 22 mm Ø
- Rotating safety jaws



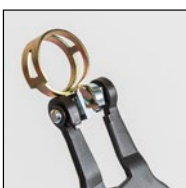
HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-6	235	39	031962

Made in Germany

- Self-adjusting joint allows easy working even on spring band hose clamps with large diameter



- Application: For self-gripping spring band hose clamps, 12 and 15 mm width
- With locking device
- Self-adjusting joint
- Rotating safety jaws
- Handles with dip coating



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-8	290	45	076697

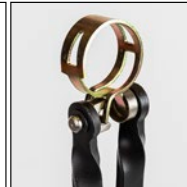
798 Hose clamp pliers

Made in Germany

- With locking device



- Application: Especially for spring band hose clamps 12 and 15 mm width e.g. cooling and heating system
- Rotating jaws, bent 110° – for areas with restricted access
- Handles with dip coating



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-9	250	60	072163

Made in Germany

- With locking device



- Application: For spring band hose clamps – especially for 12 mm and 15 mm spring band hose clamps e.g. on OPEL/VAUXHALL, VW, FORD, RENAULT, FIAT, PEUGEOT, CITROËN, PORSCHE, ALFA-ROMEO, MERCEDES-BENZ, SMART
- Adjustable jaw opening
- Fixed jaws



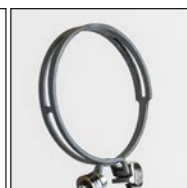
HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-10	320	90	031917

Made in Germany

- With locking device



- Application: Self-gripping spring band hose clamps
- Adjustable jaw opening
- Handles with dip coating



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-12	320	80	031931



798 Hose clamp pliers

Made in Germany

- For use in areas with restricted access where the clamp cannot be reached straight forwardly
- Application: **Operating spring band hose clamps whose three ends fit tightly on the hose**, e.g. on tank ventilation lines and fuel lines on **VW, AUDI, SEAT** and **ŠKODA**
- **Rotating jaws** – for areas with restricted access



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-13	192	27	155248

Made in Germany

- Application: Operation of spring band hose clamps whose three ends fit tightly on the hose
- For e.g. on fuel lines and tank ventilation lines on **VW · AUDI · SEAT · ŠKODA**
- Surface: nickel-plated



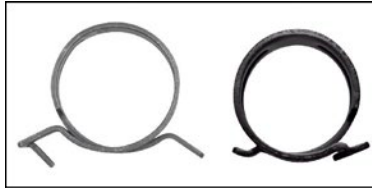
HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-14	177	8–20	109128

Made in Germany

- **Bowden cable (610 mm) enables application in areas with restricted access where the application of usual hose clamp pliers is not possible**
- Application: Operation of self-gripping spring band and space-saving hose clamps *sb* 7–60 mm \varnothing , e.g. on the cooling and heating systems
- **One-hand operation thanks to automatic toothed fixing device**
- Sliding guide device with integrated tension spring and adjustable reversible plate
- Handles with dip coating



798 Hose clamp pliers

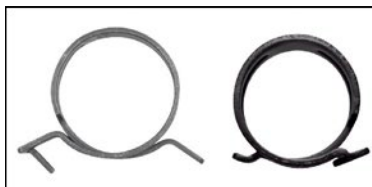


HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-15 A	875	7–60	097258
• Bowden cable · complete Bowden cable · coating · 2 headless screws · spring for 798-15 A			
798-0151 A	–	–	097753
• Bowden cable for 798-15 A and B			
798-0152 A	–	–	097760
• Sliding guide device for 798-15 A and B			
798-0153 A	–	–	097784

Made in Germany

- **Particularly suitable for areas with severely restricted access where the direct application of usual pliers is not possible**

- Application: Operating self-gripping spring band and space-saving hose clamps on the cooling and heating system
- **Plastic-coated, semi-flexible Bowden cable**
- The Bowden cable enables working without a guiding hand
- Sliding guide device with integrated tension spring and adjustable reversible plate
- **One-hand operation thanks to automatic toothed fixing device**
- Handles with dip coating



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-15 B	875	7–60	117727
• Flexible hose for 798-15 B			
798-0150 B	–	–	142439
• Bowden cable for 798-15 A and B			
798-0152 A	–	–	097760
• Sliding guide device for 798-15 A and B			
798-0153 A	–	–	097784



Hand Tools

Pliers



798 Hose clamp pliers

Made in Germany



• Reinforced bowden cable and sliding guide device

- Application: **Special clamp with parallel clamp ends**, e.g. at the charge-air cooler connection on **VW Passat** or **T5**
- Bowden cable enables application in areas with restricted access
- Toothed fixing device and one-hand operation
- Fixing device is released by pressure lever
- Handles with dip coating



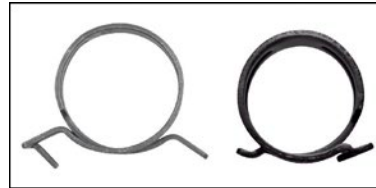
HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-16	875	3-50	149032
• Bowden cable for 798-16			
798-0162	-	-	149056
• Sliding guide device for 798-16			
798-0163	-	-	149063

798 Hose clamp pliers

Made in Germany



- Application: Operation of self-gripping **space-saving hose clamps** on coolant and fuel hoses in the entire vehicle area, in particular on **VW, AUDI, SEAT, ŠKODA**
- **Rotating jaws** – for areas with restricted access

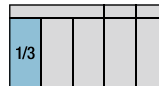


HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-17	210	40	186068

798 Hose clamp pliers set

Made in Germany

- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



HAZET No.	L x W mm	l mm	■	EAN-No. 4000896+
798				
798-3 • 798-13 • 798-17				
163-425/3	342x172	342	3	202614





HAZET hammer

More safety at work!

BluGuard:



Steel handle protection sleeve highest level of protection against handle breakage in the case of faults

Ergonomically shaped Hickory handle

Lower end of handle painted black. Optimises grip

Peen & face

The cut of the two ends of the hammer are defined in DIN 1193. The face (the flat end) is even and chamfered all the way round. The peen runs evenly round and is bevelled at the sides

Embossed DIN 1041 and weight specification

Flush finish of ring wedge and hammer eye

Wedge

Higher flexibility strength thanks to surrounding angled stabilising band

Steel handle protection sleeve: extra safety from HAZET

- Highest level of protection against handle breakage in the case of faults
- Higher flexibility strength thanks to surrounding angled stabilising band
- HAZET steel handle protection sleeve guarantees maximum protection in the case of faults

BluGuard: HAZET steel handle protection sleeve after failures:

- No deformations → just small scratches
- Exact firm fit

Handle without steel handle protection sleeve:

- Extremely noticeable handle damage
- Shortened service life and high risk of handle breakage

BluGuard:

Made in Germany



Hand Tools

Hammer / Chisel / Center Punch



Engineer's hammer
BluGuard:



Plastic soft-faced hammer



Sledge hammer



Plastic hammer



Machinist's hammer, British design



Rubber hammer



Club hammer
BluGuard:



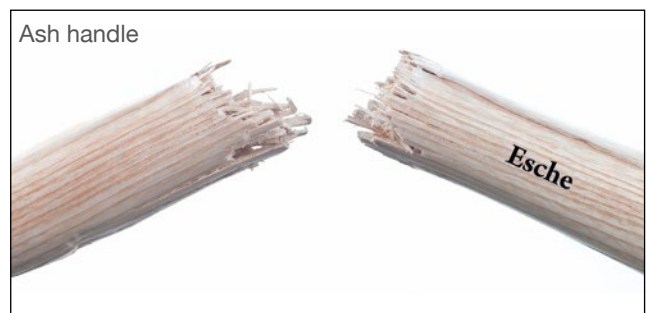
Copper hammer

Hickory handles guarantee a high level of safety – why?

- Three to four times greater resilience safety compared with standard handles made from ash
- Long-fibre wood structure: even when damaged the handle is still held together, this guarantees significantly greater safety in the case of breakage
- Hammer heads will not fly off when the wooden handle is old
- Reduces vibration, extremely resistant to bending and durable



Hickory handle



Ash handle

Thanks to its long fibres, hickory wood holds the handle together even after breakages.



2140 BluGuard Engineer's hammer

Made in Germany

- Quality range A
- **Steel handle protection sleeve – extra safety from HAZET**
 - Highest level of protection against handle breakage in the case of faults
 - Higher flexibility strength thanks to surrounding angled stabilising band
 - HAZET steel handle protection sleeve guarantees maximum protection in the case of faults
- Hickory handle
- With handle protection sleeve
- DIN 1041



BluGuard



HAZET No.	Weight	l mm	EAN-No. 4000896+
2140- 20	200 g	280	196135
2140- 30	300 g	300	196142
2140- 40	400 g	310	196159
2140- 50	500 g	320	196166
2140- 80	800 g	350	196173
2140-100	1000 g	360	196180

2142 BluGuard club hammer

Made in Germany

- **Steel handle protection sleeve – extra safety from HAZET**
 - Highest level of protection against handle breakage in the case of faults
 - Higher flexibility strength thanks to surrounding angled stabilising band
 - HAZET steel handle protection sleeve guarantees maximum protection in the case of faults
- Hickory handle
- With handle protection sleeve
- DIN 6475



BluGuard



HAZET No.	Weight	l mm	EAN-No. 4000896+
2142-1	1000 g	260	196227
2142-2	1250 g	260	196234
2142-3	1500 g	280	196241
2142-4	2000 g	300	196258

2139 Sledge hammer

Made in Germany

- Particularly safe thanks to double wedge (1 ring wedge + 1 wooden wedge)
- Hickory handle
- DIN 1042



2139 Sledge hammer

HAZET No.	Weight	l mm	EAN-No. 4000896+
2139-1	3000 g	600	196197
2139-2	5000 g	800	196203

2141 Machinist's hammer · English design

Made in Germany

- Round face and ball
- Hickory handle



HAZET No.	Weight	l mm	EAN-No. 4000896+
2141-4	2 lbs	380	012787

1953 Plastic hammer

Made in Germany

- **Non-rebound:** due to steel ball filling in the centre part of the hammer head and the special material of impact heads
- Replaceable hammer heads made of polyurethane, non-spalling and non-crumbling
- Gentle and careful working
- Abrasion-proof, long service-life
- PVC handle, resistant to oil and gasoline



HAZET No.	l mm	Ø mm	Hammer head length	EAN-No. 4000896+
1953 N-30	295	30	110	227075
1953 N-35	300	35	110	227068
1953 N-40	305	40	115	227051
1953 N-50	315	50	120	227044
1953 N-60	335	60	145	227037

1953 Spare head

Made in Germany

- Polyurethane, non-splintering and non-crumbling
- Cramp worn-out head in a vice and twist to remove.
- Use a hammer to bump on new heads



HAZET No.	Ø mm	EAN-No. 4000896+
Spare heads (pair) for HAZET plastic soft-faced hammer 1953 N-30		
1953 N-030	30	227167
Spare heads (pair) for HAZET plastic soft-faced hammer 1953 N-35		
1953 N-035	35	227150
Spare heads (pair) for HAZET plastic soft-faced hammer 1953 N-40		
1953 N-040	40	227792
Spare heads (pair) for HAZET plastic soft-faced hammer 1953 N-50		
1953 N-050	50	227785
Spare heads (pair) for HAZET plastic soft-faced hammer 1953 N-60		
1953 N-060	60	227778



Hand Tools

Hammer / Chisel / Center Punch



1952 Plastic hammer

Made in Germany

- Replaceable Desmopan® heads with low rebound
- Joint-protecting, ergonomic handle
- Zinc-cast centre part with protective guide bush for the handle
- Ash handle



HAZET No.	l mm	Ø mm	EAN-No. 4000896+
1952-28	269	28	008506
1952-35	290	35	008520
1952-40	317	40	008544
1952-50	342	50	008551

1952 Spare head

Made in Germany

- Made of extremely tough Desmopan® material
- To remove worn-out heads turn to the left.
- Bump on new head with a hammer or by pressure without turning.



HAZET No.	Ø mm	EAN-No. 4000896+
• Spare heads · pair for HAZET plastic soft-faced hammer 1952-28		
1952-028	28	008391
• Spare heads · pair for HAZET plastic soft-faced hammer 1952-35		
1952-035	35	008414
• Spare heads · pair for HAZET plastic soft-faced hammer 1952-40		
1952-040	40	008438
• Spare heads · pair for HAZET plastic soft-faced hammer 1952-50		
1952-050	50	008452

2143 Rubber hammer

Made in Germany

- Made from tough hard rubber (90 shore), non-elastic, with strong impact
- Ash handle
- DIN 5128



HAZET No.	Weight	l mm	Head Size	EAN-No. 4000896+
2143	225 g	320	Ø 54 mm x 90 mm	012794
2143-1	520 g	340	Ø 64 mm x 113 mm	196265

1951 Plastic soft-faced hammer · low rebound

Made in Germany

- Replaceable heads made from impact-resistant cellulose acetate
- Low rebound
- Ash handle



1951 Plastic soft-faced hammer · low rebound

HAZET No.	l mm	Ø mm	EAN-No. 4000896+
1951-27	265	27	196326
1951-32	280	32	196333
1951-40	320	40	196357

2144 Copper hammer

Made in Germany

- Hickory handle



HAZET No.	Weight	l mm	EAN-No. 4000896+
2144-1	750 g	330	196289
2144-2	1000 g	350	196296
2144-3	1500 g	360	196302
2144-4	2000 g	400	196319

2132 Hand axe

Made in Germany

- Easy penetration into the wood due to specially polished cutting edge (lamella grinding technique)
- Non-slip end of the handle

- Tool head and wooden handle with triple safety wedging (2132-600 with double wedging)
- High-grade C60 tool steel (2135-3000: C45 tool steel)
- Original USA hickory wooden handle, ergonomically shaped
- Anti-slip convenient handle
- Universal application in gardening and forestry work
- Length (handle): 360 mm
- Can also be used as a kitchen cleaver



HAZET No.	EAN-No. 4000896+
2132-600	231140

2133 Wood axe

Made in Germany

- Easy penetration into the wood due to specially polished cutting edge (lamella grinding technique)
- Non-slip end of the handle

- Tool head and wooden handle with triple safety wedging (2132-600 with double wedging)
- High-grade C60 tool steel (2135-3000: C45 tool steel)
- Original USA hickory wooden handle, ergonomically shaped
- Anti-slip convenient handle
- Length (handle): 700 mm
- Impact protection sleeve to increase the service life in case of mishits



HAZET No.	EAN-No. 4000896+
2133-1250	231133



2134 Riving axe

Made in Germany

- Easy penetration into the wood due to specially polished cutting edge (lamella grinding technique)
- Non-slip end of the handle
- Tool head and wooden handle with triple safety wedging (2132-600 with double wedging)
- High-grade C60 tool steel (2135-3000: C45 tool steel)
- Original USA hickory wooden handle, ergonomically shaped
- Anti-slip convenient handle
- High splitting effect due to optimised head shape
- Hollow forged spreading wedges prevent the axe from jamming in the wood
- Length (handle): 500 mm
- Impact protection sleeve to increase the service life in case of mishits
- Cutting protection made of synthetic leather



HAZET No.	EAN-No. 4000896+
2134-1250	229529

2135 Sledgehammer

Made in Germany

- Easy penetration into the wood due to specially polished cutting edge (lamella grinding technique)
- Non-slip end of the handle
- Tool head and wooden handle with triple safety wedging (2132-600 with double wedging)
- High-grade C60 tool steel (2135-3000: C45 tool steel)
- Original USA hickory wooden handle, ergonomically shaped
- Anti-slip convenient handle
- Forged turning tappet to easily pull or turn pieces of wood
- Length (handle): 900 mm
- Impact protection sleeve to increase the service life in case of mishits
- Cutting protection made of synthetic leather

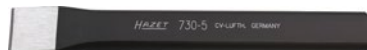


HAZET No.	EAN-No. 4000896+
2135-3000	231157

730 Flat chisel

Made in Germany

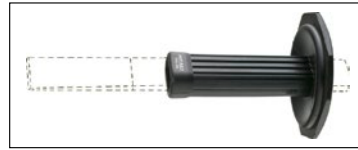
- Forged design
- Consistently hardened as per DIN (54-58 HRC)
- Impact head tempered as per DIN (38-46 HRC)
- Blades ground
Regrinding without rehardening
- Flattened oval shaft
- Surface: immersion-lacquered
- DIN 6453



HAZET No.	l mm	mm	EAN-No. 4000896+
730-2	125	15	029563
730-3	150	18	029570
730-5	175	21	029594
730-6	200	24	029600
730-7	250	25	029617
730-8	300	26	029624

730 HS Hand guard

Made in Germany



HAZET No.	EAN-No. 4000896+
730 HS	029631

731 Flat chisel

Made in Germany

- Forged design
- Consistently hardened as per DIN (54-58 HRC)
- Impact head tempered as per DIN (38-46 HRC)
- Blades ground
Regrinding without rehardening
- Octagonal shaft
- Surface: immersion-lacquered



HAZET No.	l mm	mm	EAN-No. 4000896+
731-2	125	11	029648
731-5	150	15	029655

740 Cape chisel

Made in Germany

- Forged design
- Consistently hardened as per DIN (54-58 HRC)
- Impact head tempered as per DIN (38-46 HRC)
- Blades ground
Regrinding without rehardening
- Flattened oval shaft
- Surface: immersion-lacquered
- DIN 6451



HAZET No.	l mm	mm	EAN-No. 4000896+
740-3	150	6	029679

741 Cape chisel

Made in Germany

- Forged design
- Consistently hardened as per DIN (54-58 HRC)
- Impact head tempered as per DIN (38-46 HRC)
- Blades ground
Regrinding without rehardening
- Octagonal shaft
- Surface: immersion-lacquered



HAZET No.	l mm	mm	EAN-No. 4000896+
741-1	125	4	029709



Hand Tools

Hammer / Chisel / Center Punch



745 Drift punch

Made in Germany

- Octagonal shaft
- Surface: matt black
- DIN 6458



HAZET No.	l mm	Ø mm	EAN-No. 4000896+
745-1	120	1	029716
745-2	120	2	029723
745-3	120	3	029730

745 A Drift punch

Made in Germany

- Heavy design (D)
- Octagonal shaft



HAZET No.	l mm	Ø mm	EAN-No. 4000896+
745 a-2	120	2	029778
745 a-3	120	3	029785
745 a-4	120	4	029792
745 a-5	120	5	029808
745 a-6	120	6	029815

746 Centre punch

Made in Germany

- Octagonal shaft
- DIN 7250



HAZET No.	l mm	Ø mm	EAN-No. 4000896+
746-1	120	10	029846
746-2	120	13	029853

750 Chisel · drift punch · centre punch set

Made in Germany



HAZET No.	Quantity	EAN-No. 4000896+
750 731-2 · 731-5 · 741-1 · 745-3 · 745 a-4 · 746-1	6	030026
750 730-3 · 730-6 · 740-3 · 745-2 · 745 a-4 · 746-2	6	030033

747 Centre punch · self-punching

Made in Germany

- Infinitely adjustable impact force from 3 to 30 kg



- Tough punch tip (replaceable)
- High durability
- The impact force is applied by simply pressing down the upper part
- Knurled handle



HAZET No.	l mm	EAN-No. 4000896+
747-1	135	051434
747-02	-	051380

748 A Drift pin

Made in Germany

- Octagonal shaft
- DIN 6450 form C



+ = Long style

HAZET No.	l mm	Ø mm	EAN-No. 4000896+
748 a- 2	115	2	029884
748 a- 3	125	3	029891
748 b- 2	150	2	029907
748 b- 3	150	3	029914
748 b- 4	150	4	029921
748 b- 5	150	5	029938
748 b- 6	150	6	029945
748 b- 8	150	8	029952
748 c- 6 +	180	6	029976
748 c- 8 +	200	8	029983
748 c-10 +	200	10	029969

748 LGB Drift pin

Made in Germany

- Long style



HAZET No.	l mm	Ø mm	EAN-No. 4000896+
748 Lg b-3	175	3	100040
748 Lg b-4	175	4	029990

751 Drift pin set

Made in Germany



HAZET No.	Quantity	EAN-No. 4000896+
751 748 a-2 · 748 a-3 · 748 b-4 · 748 b-5 · 748 c-6 · 748 c-8	6	030088
751 748 b-2 · 748 b-3 · 748 b-4 · 748 b-5 · 748 b-6 · 748 b-8	6	030095



751 KHS Drift pin · short

Made in Germany

- Short design with hand guard
- 2-component handle with hand guard



HAZET No.	l_1 mm	l_2 mm	\varnothing mm	EAN-No. 4000896+
751 K HS-3	10	109	3	159987
751 K HS-4	10	109	4	159994

751 HS Drift pin set

Made in Germany

- Ergonomically shaped 2-component handle ensures:
 - Significantly reduced risk of injury
 - Damping effect (less stress to the hand from impacts)
 - Secure hold

Contents:

- 5 \rightarrow 3 · 4 · 5 · 6 · 8 mm
- 2-component handle with hand guard
- DIN 6450 form C
- Hand guard length: 75 mm



HAZET No.	l_1 mm	l_2 mm		EAN-No. 4000896+
751 HS/5	75	150	5	148257

751 LHS Drift pin set · long

Made in Germany

- Ergonomically shaped 2-component handle ensures:
 - Significantly reduced risk of injury
 - Damping effect (less stress to the hand from impacts)
 - Secure hold

Contents:

- 5 \rightarrow 3 · 4 · 5 · 6 · 8 mm
- 2-component handle with hand guard
- DIN 6450 form C
- Hand guard length: 85 mm



HAZET No.	l_1 mm	l_2 mm		EAN-No. 4000896+
751 L HS/5	90	175	5	205530

2534 Brass mandrel

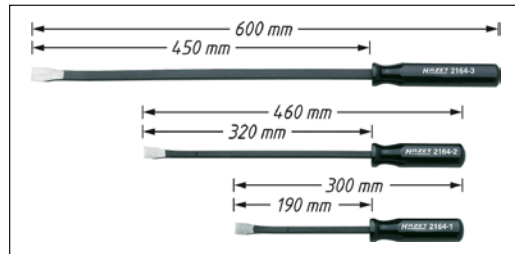
Made in Germany



HAZET No.	l mm	\varnothing mm	EAN-No. 4000896+
2534	200	20	016365

2164 Pry bar set

- Flat and bevelled tips allow application in areas with restricted access
- Solid square blades guarantee high power transmission



HAZET No.		EAN-No. 4000896+
2164/3	3	080281

2165 Pry bar

Made in Germany

- Surface: bright nickel-plated



HAZET No.	l mm	EAN-No. 4000896+
2165-1	400	013302
2165-2	400	013319
2165-3	400	013326

2166 Commercial vehicle double-handled pry bar

- Shock-resistant and ergonomic plastic handle allows two-hand operation
- Hexagon blade passes through the handle
- Solid impact head for high loads
- Hardened and tempered



HAZET No.	l mm	EAN-No. 4000896+
2166-4	1116	161072



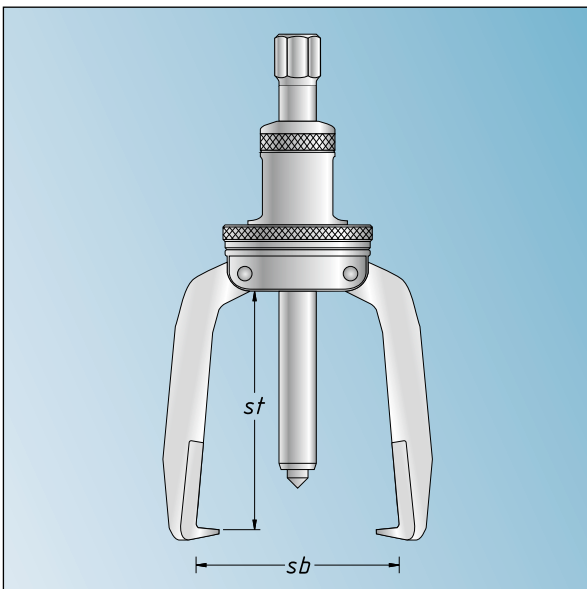
3-arm HAZET puller

Easy application due to new quick pulling system



- ① Precisely manufactured head permits a fast and accurate application
- ② Maintenance-free encapsulated mechanics
- ③ High-quality steel and thermo-chemical treatment provide the highest spindle pressure load and hook tensile load
- ④ Flexible, interchangeable spindle tip provides various application possibilities

Made in Germany



A simple rotary motion opens the hook and automatically encloses the part to be pulled off, even for vertical application (no readjustment necessary)



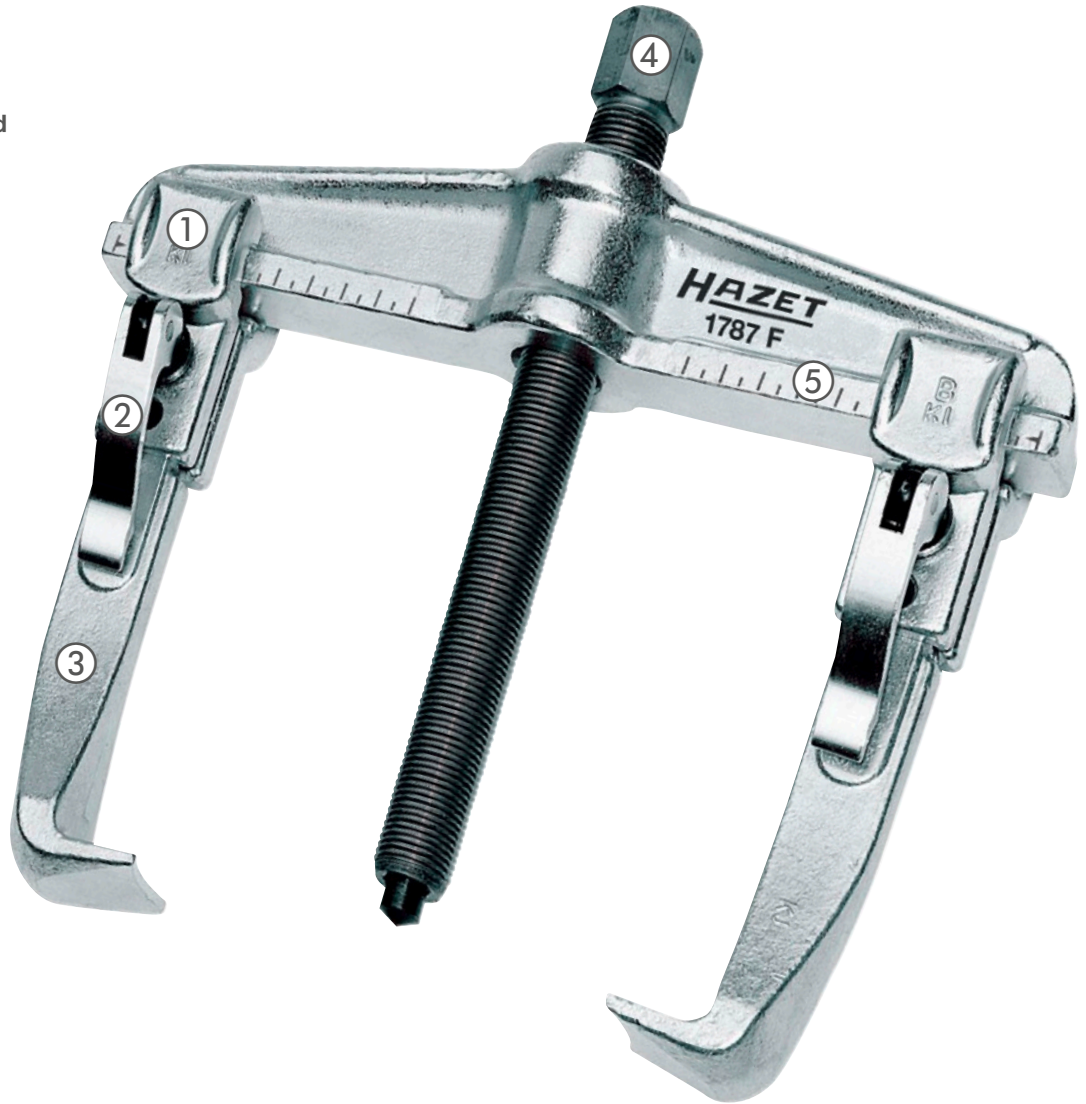


2-arm HAZET puller

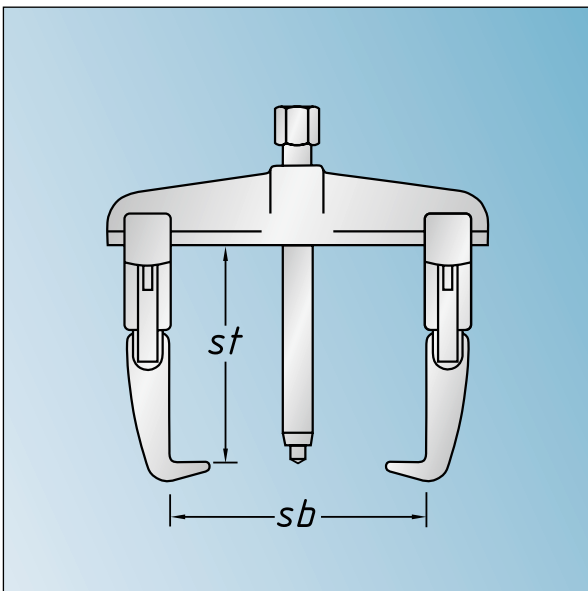
With quick-clamping device

- For quickly and safely pulling ball bearings, pulleys, sprockets, etc.

- ① Very rugged, **drop-forged** hooks and crossbars
- ② Hand-operated **quick-clamping devices** enable fast and simple adjusting
- ③ To be used as **internal and external puller** by inverting the hooks
- ④ Nitrided spindle – extra hard!
Maintenance-free – no lubrication necessary
- ⑤ **Setting scale** for even adjusting of puller hooks



Made in Germany



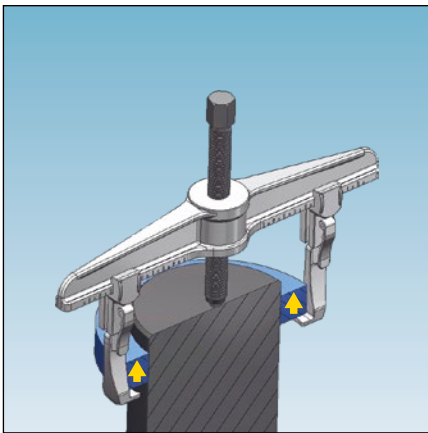


HAZET puller basics

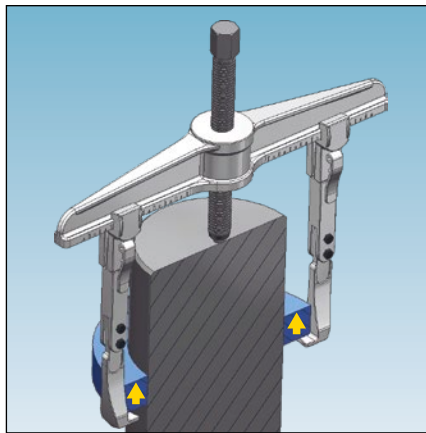
Always find the correct puller

HAZET external pullers

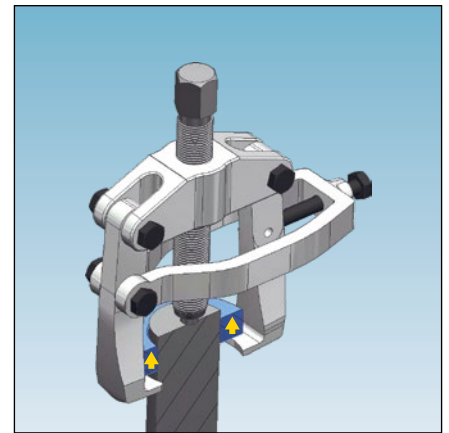
The most common pulling procedure is external pulling, i.e. the component to be pulled off (ball bearing, pulley, sprocket, etc.) is gripped from the outside and pulled off. The actual pulling off procedure then occurs by operating a spindle.



Standard design HAZET external pullers

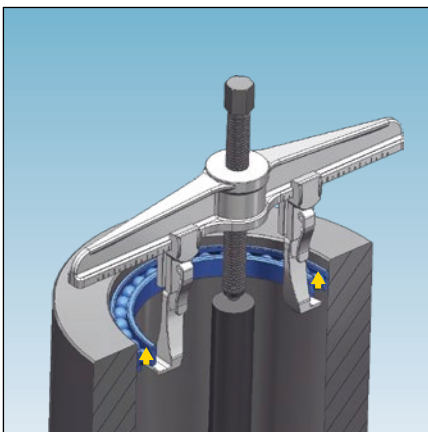


HAZET external pullers with long puller hooks



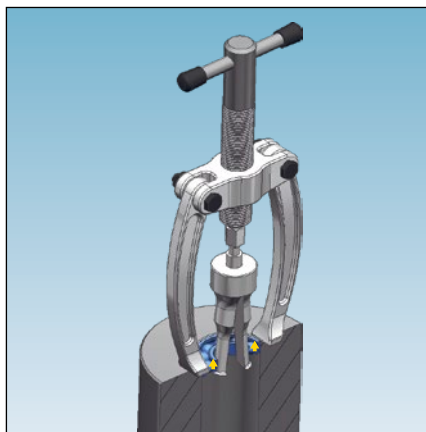
HAZET external puller with lateral tension clamp

HAZET external pullers can also be used as internal pullers

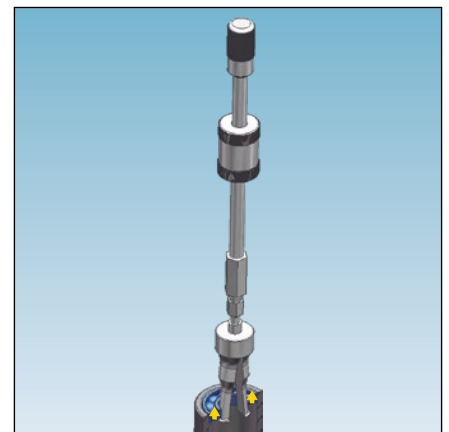


Pullers of the HAZET series nos. 1787 F 9-35, 1787-52, 1787 S-1 and 2, 1783-22 can also be used as internal pullers by **simply turning the puller hook** on the crossbar. A shaft in the centre of the component is required for this, against which the spindle supports itself.

HAZET internal pullers



For this application, internal pullers and counter stays are normally used.



If there is insufficient space, the counter stay should be dispensed with and a sliding hammer should be used.

Puller application examples with specialty tools

- In industry, for motor vehicle and commercial vehicle components
- Pitman arm
- Ball joints, ball bearings, washers, wheels
- Sprockets, cogs

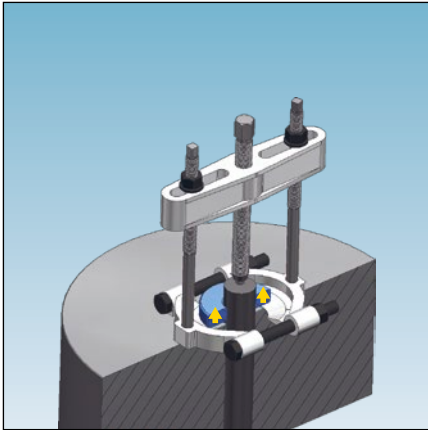


HAZET puller basics

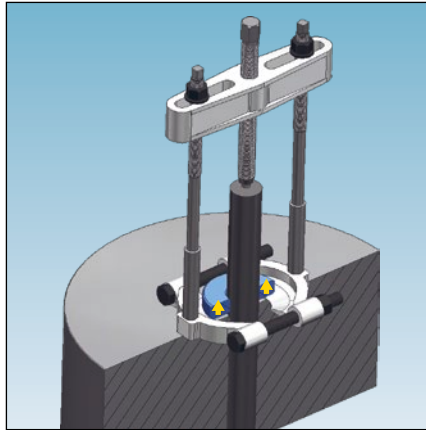
Always find the correct puller

HAZET separators and pullers

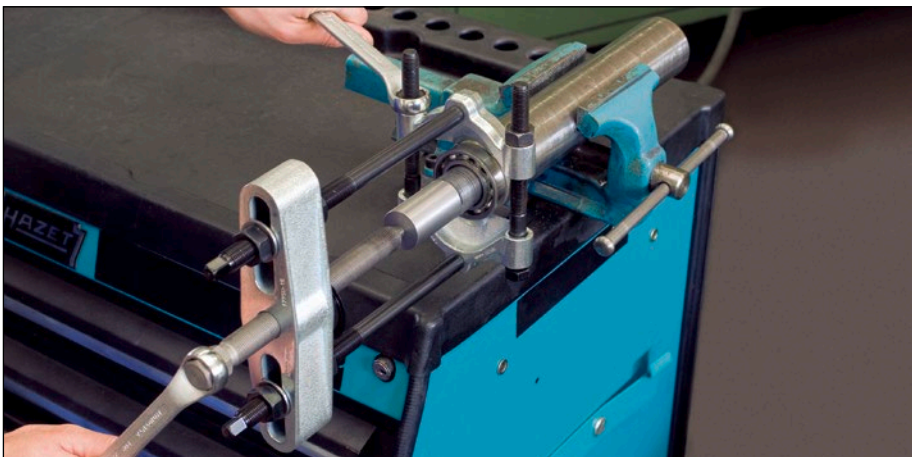
If it is not possible to use a standard external puller, e.g. with overlaying parts, it is possible to use the so-called separation puller



For this application, a separating device and a pulling device are normally used in combination.

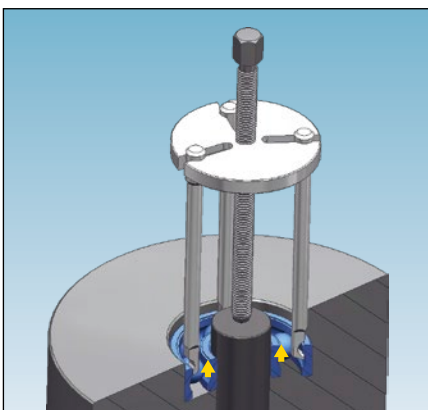


To pull longer shafts, it is also possible to extend the pulling device.



HAZET bearing extractor

If the bearings are located on a shaft and in a housing, HAZET bearing extractors are used.



With HAZET No.1778-3/40 the bearing cage is operated on

Industrial bearings





Hand Tools

Puller, 2-arm



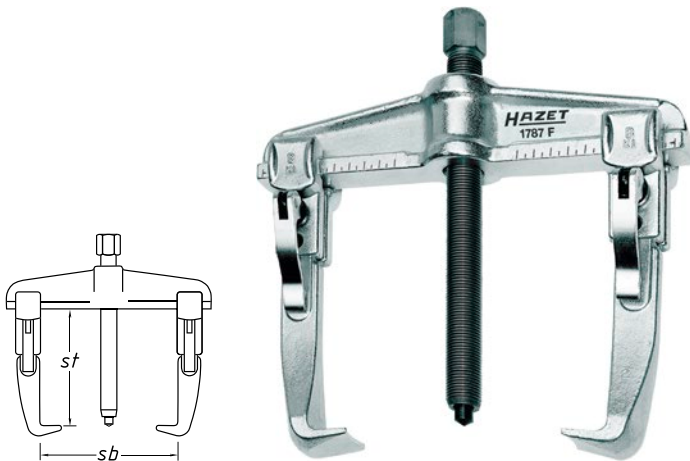
Puller, 2-arm

1787 F Quick-clamping puller · 2-arm

- Made in Germany**
- Quick-clamping device



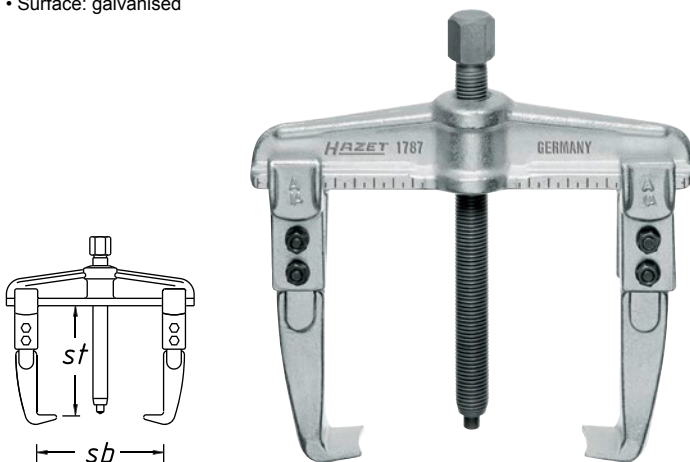
- Nitrided spindle – extra hard maintenance-free – no lubrication necessary
- To be used as internal and external puller by inverting the hooks
- Quick-clamping allows fast and simple adjusting
- Very rugged, drop-forged pullers
- Setting scale for even adjusting of puller hooks



HAZET No.	Max. t.	sb mm	st mm	Spindle	EAN-No. 4000896+
1787 F- 9	3	90	100	M 14x1.5x140 mm	134151
1787 F-13	3	130	100	M 14x1.5x140 mm	134168
1787 F-16	5	160	150	G 1/2"x210 mm	134175
1787 F-20	5	200	150	G 1/2"x210 mm	134182
1787 F-25	7.5	250	200	G 3/4"x280 mm	134199
1787 F-35	7.5	350	200	G 3/4"x280 mm	136094

1787 Puller · 2-arm

- Made in Germany**
- To be used as internal and external puller by inverting the puller hooks
- Spindle G1 x310
- Surface: galvanised



HAZET No.	Max. t.	sb mm	st mm	EAN-No. 4000896+
1787-52	10	520	208	136100

1787 F Quick-clamping puller set · 2-arm

- Made in Germany**
- Quick-clamping device
- 2-arm puller
- In display stand



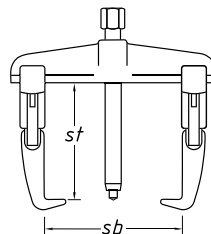
1787 F
1787 F-9 · 1787 F-13 · 1787 F-16
1787 F-20 · 1787 F-25



HAZET No.		EAN-No. 4000896+
1787 F/5	5	133017

1787 S Puller set · 2-arm

- Made in Germany**
- Slim hooks
- "3 in 1"
- 6 slender forged hooks in 3 pairs of different lengths
- For working in areas with restricted access

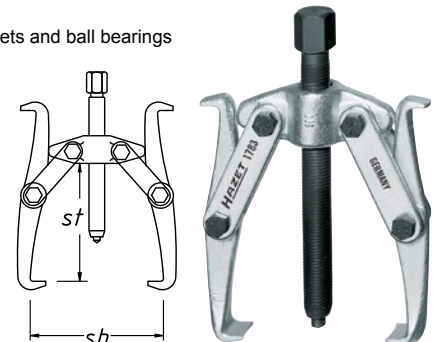


HAZET No.	sb mm	st mm	EAN-No. 4000896+
1787 S-1	130	100-200-250	133222

1783 Universal pullers · 2-arm

- Made in Germany**
- Puller hooks can be used from both sides; hooks with one narrow side for areas with restricted access

- Application: Removing sprockets and ball bearings
- Automatic gripping of the puller hooks
- 2-arm design
- Surface: galvanised



HAZET No.	Max. t.	sb mm	st mm	Spindle	EAN-No. 4000896+
1783-22	5	220	170	M 18x1.5x170 mm	136063

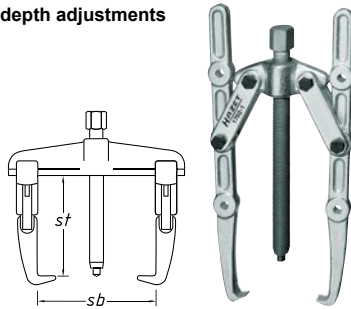


1792 Fan pullers · 2-arm

Made in Germany

- 2-arm design
- Very slender hooks with 3 clamping depth adjustments
- Rugged and drop-forged design

(E)

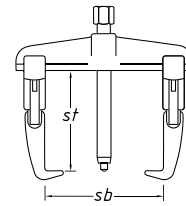


HAZET No.	Max. t.	sb mm	st mm	Spindle	EAN-No. 4000896+
1792-1	2	150	200	M 14x1.5x155 mm	147830

1776 Pitman arm puller · 2-arm

Made in Germany

- For ball bearings, toothed wheels, pinions, pitman arms and similar
- The clamp clip is used for pressing the puller jaws on the parts to be extracted
- Surface: galvanised



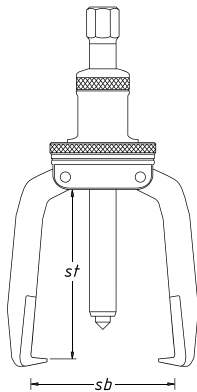
HAZET No.	sb mm	st mm	Spindle	EAN-No. 4000896+
1776-85	90	85	M18x1.5x130 mm	135943
1776-100	90	100	M18x1.5x130 mm	135950
1776-140	150	140	G ½"x175 mm	135967

Puller, 3-arm

1785 Puller · 3-arm

Made in Germany

- Easy application due to quick pulling system
- Precisely manufactured head allowing quick and accurate application
- High-quality steel and thermo-chemical treatment providing a high pressure capacity of the spindle and a high tensile capacity of the hooks
- Flexible, interchangeable spindle tip provides various application possibilities
- Hooks open by simple rotation and enclose automatically the part to be pulled out, even for vertical application (no readjustment necessary)
- Encapsulated mechanics, maintenance-free

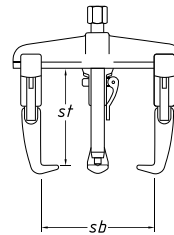


HAZET No.	Max. t.	sb mm	st mm	Spindle	EAN-No. 4000896+
1785-150	6.5	150	130	G ½"x250 mm	133154
1785-250	6.5	250	250	G ½"x350 mm	133161

1786 F Quick-clamping puller · 3-arm

Made in Germany

- Quick-clamping device
- Provides uniform load distribution, safe gripping and centred pulling
- Nitrided spindle – extra hard maintenance-free – no lubrication necessary

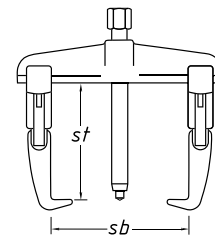


HAZET No.	Max. t.	sb mm	st mm	Spindle	EAN-No. 4000896+
1786 F-13	3	130	100	M 14x1.5x140 mm	133529
1786 F-16	5	160	150	G ½"x210 mm	133536
1786 F-20	5	200	150	G ½"x210 mm	133567
1786 F-25	7.5	250	200	G ¾"x280 mm	133574

1786 S Puller set · 3-arm

Made in Germany

- Slim hooks
- "3 in 1"
- 9 slender forged hooks in 3 pairs of different lengths
- For working in areas with restricted access
- 3-arm design, 3 hooks each
- Provides uniform load distribution, safe gripping and centred pulling action



HAZET No.	sb mm	st mm	EAN-No. 4000896+
1786 S-1	130	100-200-250	133246

• Spindle M 14 x 1.5 x 140 mm
 • Maximum 3 tonnes
 • 3 hooks each 1786 S-100 -200 -300 mm long





Hand Tools

Puller components



1786 FS Quick-clamping puller set

Made in Germany

- With 3 hooks
- Ideal basic set with quick-clamping device
- To be used as internal and external puller by inverting the hooks
- Slender hooks especially suitable for gear box repair (as standard hooks cannot be used in areas with restricted access)
- Plastic box
- Soft foam insert



HAZET No.	sb mm	st mm	Spindle		EAN-No. 4000896+
• Quick-clamping puller set, contents: 1786-01 1786-21 · 31 1786 FS-100 (3x)					
1786 FS/6	90	100	M 14x1.5x140 mm	6	133871

1786 S Puller set · 3-arm

Made in Germany

- With 9 hooks
- Professional set for all current clamping widths and depths (100–250 mm)
- Plastic box
- Soft foam insert



HAZET No.	sb mm	st mm		EAN-No. 4000896+
• Puller set, contents: 1786-01 1786-2 · 3 1786 S-100 (3x) · 1786 S-200 (3x) · 1786 S-250 (3x)				
1786 S/12	120	100–200–250	12	133888

1789 Universal pullers · 3-arm

Made in Germany

- Puller hooks can be used from both sides; hooks with one narrow side for areas with restricted access
- Application: Removing sprockets and ball bearings
- Automatic gripping of the puller hooks
- 3-arm design
- Surface: galvanised



1789 Universal pullers · 3-arm

HAZET No.	Max. t.	sb mm	st mm	Spindle	EAN-No. 4000896+
1789- 9	3	90	80	M 14x1.5x125 mm	147427
1789-16	5	160	130	M 18x1.5x170 mm	136070
1789-22	5	220	170	M 18x1.5x170 mm	136087
1789-32	12	320	260	G ½"x350 mm	147731
1789-40	12	400	320	G ½"x350 mm	147748

1785 Pole and battery terminal puller · 3-arm

Made in Germany

- Manageable and rugged design, with drop-forged hooks
- Application: Removal of small parts such as battery terminals, ball bearings, pulleys, sprockets, etc.
- Automatic gripping of hooks
- 3-arm design



HAZET No.	Max. t.	sb mm	st mm	Spindle	EAN-No. 4000896+
1785-60	0.8	60	60	M 10x1.5x80 mm	133338

Puller components

1787 F Puller hook with quick-clamping device

Made in Germany

- Per piece
- For pullers 1786 F and 1787 F



HAZET No.	st mm	EAN-No. 4000896+
• For 1786 F-9 · 13 • 1787 F-9 · 13	100	136117
1787 F-0913		
• For 1786 F-16 · 20 • 1787 F-16 · 20	150	136124
1787 F-1620		
• For 1786 F-25 · 35 • 1787 F-25 · 35 • 1787-52	200	136131
1787 F-2552		

1787 Puller hook without quick-clamping device

Made in Germany

- Per piece
- For pullers
1786 F-25 · 35
1787 F-25 · 35
1787-52



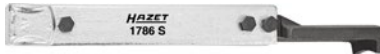
HAZET No.	st mm		EAN-No. 4000896+
1787-2552	200	–	136148
1787 Lg-0913	200	–	136155
1787 Lg-1620	300	–	136162
1787 Lg-2552	305	–	136179
1787 Lg-2552/4	406	4	136186
1787 Lg-2552/5	504	5	136193



1786 S Puller hooks · slim

Made in Germany

- Per piece
- For pullers 1786 S-1 and S-2 as well as 1787 S-1 and S-2



HAZET No.	s† mm	EAN-No. 4000896+
Puller hook (100 mm) For HAZET 1786 S-1 · 1787 S-1 · 1786S/12		
1786 S-100	100	134762
Puller hook (150 mm) For HAZET 1786 S-1 · 1787 S-1 · 1786S/12		
1786 S-150	150	134816
Puller hook (200 mm) For HAZET 1786 S-1 · 1787 S-1 · 1786S/12		
1786 S-200	200	134779
Puller hook (220 mm) For HAZET 1786 S-1 · 1787 S-1 · 1786S/12		
1786 S-220	220	134823
Puller hook (250 mm) For HAZET 1786 S-1 · 1787 S-1 · 1786S/12		
1786 S-250	250	134786
Puller hook (300 mm) For HAZET 1786 S-1 · 1787 S-1 · 1786S/12		
1786 S-300	300	134830

Separator

1775 N Separator

Made in Germany

- The separator is closed by operating the nuts on the stud bolts
- Surface: galvanised/burnished



HAZET No.	∅ mm	M	EAN-No. 4000896+
1775 N- 60	5–60	M10	135936
1775 N- 75	12–75	M10	134540
1775 N-115	22–115	M14x1.5	134656

1775 N Puller

Made in Germany

- Application: Extracting ball bearings, roller bearings and inner rings
- Together with separator HAZET 1775 N-60 · 75 · 115, the tension bolts are screwed into the threaded holes of the separation jaws
- Surface: galvanised/burnished



HAZET No.	sb mm	Spindle	Tension bolt	EAN-No. 4000896+
1775 N-12	40–120	M 14x120 mm	M 10	134922
1775 N-16	60–165	M 15x170 mm	M 10	134588
1775 N-21	70–215	G ½"x210 mm	M 14x1.5	134618

1775 N Extension

Made in Germany

- Per pair
- Surface: burnished, oiled
- For 1775 N-12 and -16



HAZET No.	l mm	M	EAN-No. 4000896+
1775 N-012	100	M10	134366

1775 N Separator and puller set

Made in Germany

- For very confined spaces and tightly adjusted bearings

Ⓔ

- Separators and pullers with extension
- The tension bolts are screwed into the threaded holes of the separation jaws together with the separators
- The separator is closed by evenly operating the nuts on the stud bolts
- Sheet metal box (HAZET-blue)



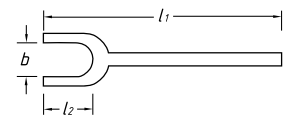
HAZET No.	sb mm	□	EAN-No. 4000896+
1775 N 1775 N-16 · 1775 N-75 · 1775 N-012			
1775 N/4	60–165	4	133208
1775 N 1775 N-21 · 1775 N-115			
1775 N-1/4	70–215	4	133215

1780 Removal and assembly fork

Made in Germany

- Proven and economical system

- Application: Wedge-shaped fork end allows fast operation of push rod and steering tie rod ends, pitman arms and other parts of the steering
- Easy to handle
- Shock absorber removal and other separation work
- Application possible in confined spaces
- Sturdy forged design



HAZET No.	l1 mm	l2 mm	b mm	EAN-No. 4000896+
1780-18	340	80	18	133345
1780-23	340	80	23	133352
1780-29	350	80	29	133376



Internal extractor

1788 N Internal extractor

Made in Germany

- Application: Extracting **ball bearings, outer rings and bushings**
- To be used with counter stays 1788 N-835 and -4570
- + = Reinforced bond – easy and safe extraction of needle bearings, ball bearings and brass sleeves



HAZET No.	∅ mm	M	EAN-No. 4000896+
1788 N-12 +	12–14	M10	147694
1788 N-14 +	14–19	M10	147700
1788 N-15	12–15	M10	134861
1788 N-19	15–19	M10	134878
1788 N-25	19–25	M10	134885
1788 N-30	25–30	M10	134892
1788 N-35	30–35	M10	134915
1788 N-45	35–45	M14x1.5	134502
1788 N-55	45–55	M14x1.5	136209
1788 N-70	55–70	M14x1.5	136216

1788 N Counter stay

Made in Germany

- For internal extractors HAZET 1788 N-12 up to -70
- Surface: chrome-plated



HAZET No.	Spindle	EAN-No. 4000896+
• For internal extractors 1788 N-12 up to 35		
1788 N- 835	M 10 mm	134854
• For internal extractors 1788 N-45 up to 55		
1788 N-4570	M 14x1.5 mm	134908

1788 N Internal extractor set

Made in Germany

- Extracting **ball bearings, ball-bearing outer rings and bushings**

- Internal extractor and counter stay
- Sheet metal box (HAZET-blue)



1788 N Internal extractor set

HAZET No.	∅ mm	EAN-No. 4000896+
1788 N		
1788 N-835 • 1788 N-4570 • 1788 N-15 • 1788 N-19		
1788 N-25 • 1788 N-30 • 1788 N-35 • 1788 N-45		
1788 N/8	8	133185
1788 N		
1788 N-835 • 1788 N-4570 • 1788 N-15 • 1788 N-19 • 1788 N-25		
1788 N-30 • 1788 N-35 • 1788 N-45 • 1788 N-55 • 1788 N-70		
1788 N/10	10	147939

1788 T Internal extractor set

Made in Germany

- **Titanium-nitrided surface** extra hard and wear-resistant
- For tightly-packed ball bearings, rings, bushings and shaft seals Simmer®
- Flexible material
- Absolutely precise manufacturing accuracy providing a higher power transfer
- High ease of use
- **Only 4** Internal Extractors allow to cover the range from 5 to 36 mm
- To be used with sliding hammer or counter stay
- Well-composed set
- Hard and wear-resistant titanium nitrided surfaces providing a better and heat-resistant surface protection

Application:

- Insert internal extractor into bearing and screw in spindle
- The sharp shells press behind the part to be removed
- Place sliding hammer or counter stay in position
- Plastic box



HAZET No.	M	l mm	∅ mm	EAN-No. 4000896+
• Internal extractor set, contents:				
1788 T-1 • 1788 T-8.5				
1788 T-15 • 24 • 36				
1788 T/5	–	–	5	133666
• Impact extractor (sliding hammer – sliding weight 200 g) with coupler thread M 10				
• Removal of caps with inside thread, ball bearings, washers etc.				
• To be used with stud bolt set 1788 T-1/6 and internal extractors 1788 N-15 to 35				
• Also together with injector extractor 4797-5				
1788 T-1	M10	226	–	134304

1788 T Stud bolt set

Made in Germany

- Application: Removing different caps with inside thread
- **6-piece set**, stud bolts with M 10 coupler thread, contents: 1 piece each threaded insert M 4, M 5, M 6, M 8, M 10, M 12
- Use with sliding hammer 1788 T-1



HAZET No.	∅ mm	EAN-No. 4000896+
1788 T-1/6	6	141647



1788 T Impact extractor

Made in Germany

- Application: For disassembly of tight common rail injectors **without** removing the cylinder head



HAZET No.	M	l mm	EAN-No. 4000896+
Impact extractor (sliding hammer – sliding weight 200 g) with coupler thread M 10			
Removal of caps with inside thread, ball bearings, washers etc.			
To be used with stud bolt set 1788 T-1/6 and internal extractors 1788 N-15 to 35			
Also together with injector extractor 4797-5			
1788 T-1	M10	226	134304
Easy removal of injectors together with impact extractor e.g. HAZET 1788 T-1			
Injector claw with inside thread M10x1.5 mm			
MAN Engines D08 · D20 · D26 · D28			
Suited to the very limited space in the cylinder head			
Due to the tool's claw, the injector in the upper part may be gripped without causing damage			
4797-5	–	174	176137

1774 Beam puller

Made in Germany

- Drop forged, tempered hooks

- Application: Tensioning, pulling, pressing of timbers
- Beam puller**
- Galvanized hooks, chrome-plated ratchet
- Ergonomic design – with reversible ratchet
- Smooth running acme thread TR 16x5
- Span: 115 mm
- Total width: 440 mm
- Length of ratchet: 275 mm



HAZET No.	EAN-No. 4000896+
1774-1	180578

1778 Ball bearing extractor set

Made in Germany

- Considerably easier application than existing systems on the market providing more efficiency and productivity

- Application: Removal of ball bearings mounted on shafts and located in housings
- For more than 40 standard ball bearings up to size 6311
- User-friendly device prevents the puller hooks from falling off
- 100% power transmission due to self-gripping closure

- 40-piece set**
- For ball bearing 6000 to 6407

Bearing	Hook	Receptacle
6000	1778-10	1778-3
6001	1778-10	1778-2
6002	1778-10	1778-1
6003	1778-10	1778-2
6004	1778-30	1778-1
6005	1778-30	1778-1
6006	1778-30	1778-1
6007	1778-40	1778-1
6008	1778-40	1778-1
6009	1778-40	1778-1
6010	1778-40	1778-1
6200	1778-10	1778-2
6201	1778-20	1778-3
6202	1778-20	1778-2
6203	1778-30	1778-2
6204	1778-40	1778-2
6205	1778-40	1778-1
6300	1778-30	1778-1
6301	1778-40	1778-1
6302	1778-40	1778-3
6303	1778-40	1778-3
6304	1778-40	1778-3

Bearing	Hook	Receptacle
6011	1778-50	1778-4
6012	1778-50	1778-4
6206	1778-50	1778-4
6207	1778-50	1778-4
6208	1778-60	1778-4
6209	1778-60	1778-4
6210	1778-60	1778-4
6211	1778-60	1778-4
6212	1778-70	1778-4
6213	1778-70	1778-6
6305	1778-60	1778-6
6306	1778-60	1778-5
6307	1778-60	1778-5
6308	1778-70	1778-5
6309	1778-70	1778-5
6310	1778-70	1778-5 1)
6311	1778-70	1778-5 2)
6403	1778-60	1778-4
6404	1778-70	1778-4
6405	1778-70	1778-6
6406	1778-70	1778-6
6407	1778-60	1778-6 3)

1) 6310 2) 6311 3) 6309

Note: this table serves as an orientation aid when selecting the extractor parts and does not claim to be correct and/or complete



HAZET No.	40	EAN-No. 4000896+
1778-3/40		133697

Ball joint puller tools can be found under
Specialty Tools → Chassis → Wheel Bearing / Wheel Hub from page 434



Grinding, separation and cutting

2128 Twist drill bits in case

- 25 pieces \varnothing 1–13 mm, increasing by 0.5 mm
- HSS
- 118° point angle
- Taper surface grinding
- DIN 338



HAZET No.	EAN-No. 4000896+
2128 N-1	218844

1967 Welding spot drill

- **Made in Germany**
- Self-cutting centring tip resharpenable
- High performance, high-speed steel, blued



HAZET No.	l mm	\varnothing mm	EAN-No. 4000896+
1967-70	74	7	009343
1967-80	79	8	009350
1967-90	79	9	009367

1967 Welding spot drill

- **Made in Germany**
- Fits power drills of all types
- 7 mm hexagon shank prevents slippage in drill chuck
- Replaceable cutting crown (right-hand thread) made of high-speed steel (oiled)
- Cutting crown for use at both ends
- With screw for gauge depth adjustment (*)



HAZET No.	l mm	\varnothing mm	EAN-No. 4000896+
1967	70	11	009312
Spare cutting crowns, set of 5, for 1967			
1967-01/5	–	–	211319
• Tip for HAZET welding spot drill 1967			
1967-02	–	–	009336

2150 Marking tool

- Surface: burnished, oiled



HAZET No.	l mm	EAN-No. 4000896+
2150	240	013012

2150 Marking tool

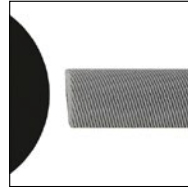
- Special steel for long-lasting use
- With fastening clip



HAZET No.	l mm	EAN-No. 4000896+
2150-1	150	144129

2119 Half-round file

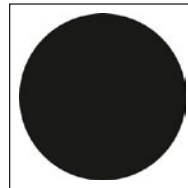
- **Made in Germany**
- Teeth (cut): 2 = medium
- Plastic handle
- DIN 7261 form E



HAZET No.	l mm	EAN-No. 4000896+
2119- 8	200	012398
2119-10	250	012381

2120 Round file

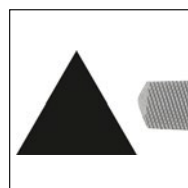
- **Made in Germany**
- Teeth (cut): 2 = medium
- DIN 7261 form F



HAZET No.	l mm	EAN-No. 4000896+
2120- 8	200	012411
2120-10	250	012404

2123 Three square file

- **Made in Germany**
- Teeth (cut): 2 = medium
- DIN 7261 form C



HAZET No.	l mm	EAN-No. 4000896+
2123- 8	200	012473
2123-10	250	012466



2122 Flat hand file

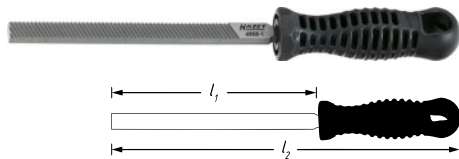
- Made in Germany**
- Teeth (cut): 2 = medium
- DIN 7261 form A



HAZET No.	l mm	EAN-No. 4000896+
2122- 8	200	012435
2122-10	250	012428

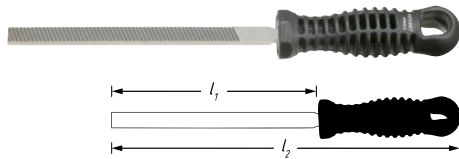
4968 Brake calliper file

- Made in Germany**
- One-sided cut prevents damage to the dust boot at the brake piston
- 12 mm wide
- Cut of the file: coarse bevel cut on one side
- Blunt scraper on the face side for removing rough residues
- Plastic handle



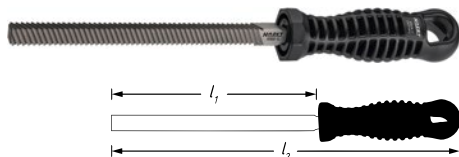
HAZET No.	l ₁ mm	l ₂ mm	EAN-No. 4000896+
4968-1	150	260	084739

- Made in Germany**
- Extra slim style (width 10 mm), especially appropriate for Japanese vehicles
- Blunt scraper on the face side for removing rough residues



HAZET No.	l ₁ mm	l ₂ mm	EAN-No. 4000896+
4968-5	155	265	129379

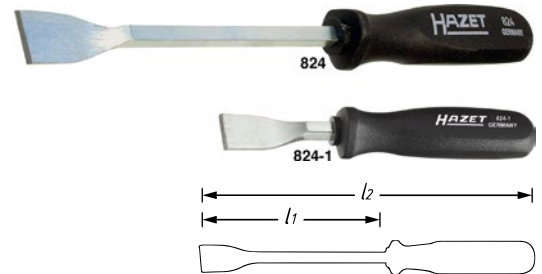
- Made in Germany**
- Extra slim design
- Square brake calliper file
- Very good service life
- 10 x 10 mm
- Plastic handle with hanging hole



HAZET No.	l ₁ mm	l ₂ mm	EAN-No. 4000896+
4968-6	155	265	218431

824 Blunt scraper

- Made in Germany**
- 824 long blade
- 824-1 short blade
- Surface: galvanised



HAZET No.	l ₁ mm	l ₂ mm	mm	b mm	EAN-No. 4000896+
824	150	270	0.5	23	033881
824-1	55	165	0.5	23	033898

825 Blunt scraper

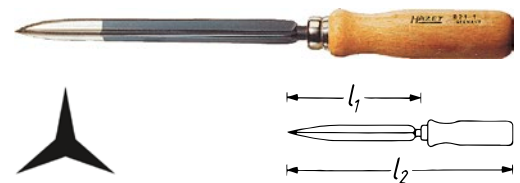
- Replaceable hard-metal tip



HAZET No.	l ₁ mm	l ₂ mm	mm	b mm	EAN-No. 4000896+
825-25	267	397	0.5	25	033959
825-025	-	-	-	25	033928

821 Hollow three-square scraper

- Made in Germany**
- Tips ground



HAZET No.	l ₁ mm	l ₂ mm	EAN-No. 4000896+
821-1	150	260	033683
821-2	200	315	033690

823 Fine three-square scraper

- Made in Germany**
- Protective coating made of viscoplastic and impact-resistant plastic material
- With protection cap



HAZET No.	l ₁ mm	l ₂ mm	EAN-No. 4000896+
823	25	148	033874



Hand Tools

Grinding, separation and cutting



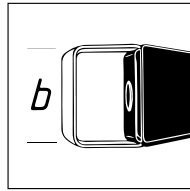
822 Angle scraper

Made in Germany

• Replaceable HSS bimetal turning blades



- Scraping sealing residues, e.g. at the cylinder head
- Scraping cable channels in Ytong blocks
- Environmentally friendly work:
 - no formation of dust
 - no generation of noise
 - no production of chlorine or dioxin gas (as it occurs e.g. when burning residues)
- Surface: chrome-plated



HAZET No.	l mm	b mm	EAN-No. 4000896+
• Handle only with blade 822-01 (flat)			
822	270	20	033713
• Spare blade set for 822 5 pieces per set 822-01/5	–	–	033720

1980 N Hack saw

- With blade tensioning end screw
- With 1 saw blade
- For 300 mm saw blades
- DIN 6494 form A



HAZET No.	l mm	EAN-No. 4000896+
1980 N	390	009824
Saw blade		
• 24 teeth/inch		
• 300 mm long		
• One-sided		
• Fully hardened and elastic		
1980 B-2	300	009817

1981 Small hack saw

Made in Germany

- For saw blades 150 mm
- With 1 saw blade made of chrome-alloyed tool steel
- Number of teeth/inch: 32 (1 inch = 25.4 mm)
- Handle made of glass fiber reinforced plastic
- Special purpose steel St 2 K 40



HAZET No.	l mm	EAN-No. 4000896+
1981	252	009831
• Saw blade for 1981, made of chrome-alloyed tool steel		
• Number of teeth/inch: 32 (1 inch = 25.4 mm)		
1981-01	150	009848

2158 Universal shear

• Ergonomic design allows one-hand operation of the locking device



- Locking device
- Additionally with round cutter for wire stripping (1 or 1.5 mm²)
- HAZET 2-component handle



HAZET No.	l mm	EAN-No. 4000896+
2158	194	057856

2157 Universal knife

• Multipurpose Knife

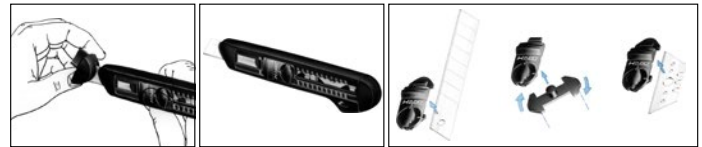
• Spare blades deposit

• One snap-off, straight and hook blade each

• Housing made of fibre-glass reinforced plastic

• One-hand operation for blade insertion and locking

• Blade is securely locked



HAZET No.	l mm	EAN-No. 4000896+
2157	167	013203
• Snap-off blades , e.g. for trimming knife 2157 · 7 break-away parts 100x18 mm set of 10 pieces		
2157-04	–	013210
• Trapezoid blades with 2 holes · e.g. for universal knife 2157 set with 10 pieces		
2157-05	–	013227
• Hook blades · e.g. for universal knife 2157 · set of 10		
2157-06	–	013234

2157 Jack-knife

• Quick blade changing

• With 5 blades

• Comfortable handle made of impact resistant ABS

• Blade magazine with safety lock

• Thumb cushion enables joint-protecting working

• Length in hinged position: 100 mm



HAZET No.	l mm	EAN-No. 4000896+
2157-1	159.9	147236
• Trapezoid blades with 3 holes · e.g. for 2157-1 set with 10 pieces		
2157-07	–	150977



2157 Mini utility knife

- Quick blade changing
- Blade fastener
- Convenient handle made of ABS
- Release lever for comfortable blade closing
- Blade magazine with safety lock
- With 5 spare blades
- Length in hinged position: 57 mm



HAZET No.	l mm	EAN-No. 4000896+
2157-2	100	164318
• Spare blades for HAZET mini utility knife 2157-2 Set of 10		
2157-08	-	166022

2157 Jack-knife

- Blade lock in the opened position –the knife is prevented from snapping shut unexpectedly
- Aluminium grip with moulded handle
- High-quality stainless steel blade
- Lightweight and easy to handle
- Practical belt clip
- Length in hinged position 115 mm



HAZET No.	EAN-No. 4000896+
2157-3	231089

2180 Tube cutter

- 4 guide rollers for optimum hold on the pipe whilst cutting
- Integrated NOGA deburring blade, can be pulled out completely
- Quick change system allows the cutting wheel to be changed quickly without tools
- Incl. 2 cutting wheels (2180N-021): one installed in head and one in rotary knob cap
- Steel supported spindle for better sliding
- Body made of magnesium die-cast
- Slide and turn knob made of zinc die-cast



HAZET No.	l mm	Ø mm	EAN-No. 4000896+
2180 N-2	145	6–35	198986
• Spare cutter wheel for 2180 N-2 and 2181 N-1			
2180 N-021	-	-	198993

4682 Chain tube cutter

- Easy adjustment due to T-screw during cutting process
- Application: **Cutting e.g. exhaust pipes** especially made from **V2A steel** up to a wall thickness of 2.5 mm and 75 mm Ø
- Extended cutting diameters are achieved by using extension chain HAZET 4682-01
- Little effort, fixed with **Grip technique**
- Surface: nickel-plated



HAZET No.	l mm	Ø mm	EAN-No. 4000896+
4682	255	15–75	022168
• Spare chain for 4682			
4682-01	-	-	022175
• Replacement set · 9 pieces for repairing the cutting chain 4682-01 For 4682			
4682-01/9	-	-	057214

- Easy adjustment due to T-screw during cutting process
- Application: **Cutting pipes** made of galvanized or stainless (V2A) steel, copper, PVC and aluminium up to a wall thickness of 6 mm and 115 mm Ø
- 15 cutting wheels made of alloyed steel
- Surface: nickel-plated



HAZET No.	l mm	Ø mm	EAN-No. 4000896+
4682-1	315	20–115	149384
• Spare chain for 4682-1			
4682-03	-	-	149421

2181 Small tube cutter

- Cutting aluminium, copper and thin-walled metal tubes
- “Instant Change System (ICS)” allows the cutting wheel to be changed quickly without tools
- Steel supported spindle for better sliding
- Significantly reduced work radius
- Incl. 1 cutting wheel (2180 N-021)
- Ergonomic rotary knob for optimum handling
- Body, carriage and rotary knob made from die-cast zinc
- Surface: lacquered



HAZET No.	l mm	Ø mm	EAN-No. 4000896+
2181 N-1	52	3–16	198979
• Spare cutter wheel for 2180 N-2 and 2181 N-1			
2180 N-021	-	-	198993



2130 Wire brush

Made in Germany

• Wear-resistant wire bristles



- 4 rows
- Trim size: 25 mm
- Wooden body
- Suspension hole



HAZET No.	l mm	EAN-No. 4000896+
2130	290	012510

- 4 rows
- V2A bristles
- Wooden body
- Suspension hole



HAZET No.	l mm	EAN-No. 4000896+
2130-1	280	012527

2131 Spark plug brush

Made in Germany

• Special corrugated brass wire bristles



- Application: Cleaning electrodes and contacts on spark plugs
- 3 rows
- Trim size: 15 mm
- Wooden body



HAZET No.	l mm	EAN-No. 4000896+
2131	150	012541

4968 Brake calliper brush

Made in Germany

• Slim design



- Application: Removing stubborn brake dust and dirt from the disc brake calliper
- Plastic handle with suspension hole



HAZET No.	l mm	EAN-No. 4000896+
4968-2	225	084821

4968 Brass brake calliper brush

Made in Germany

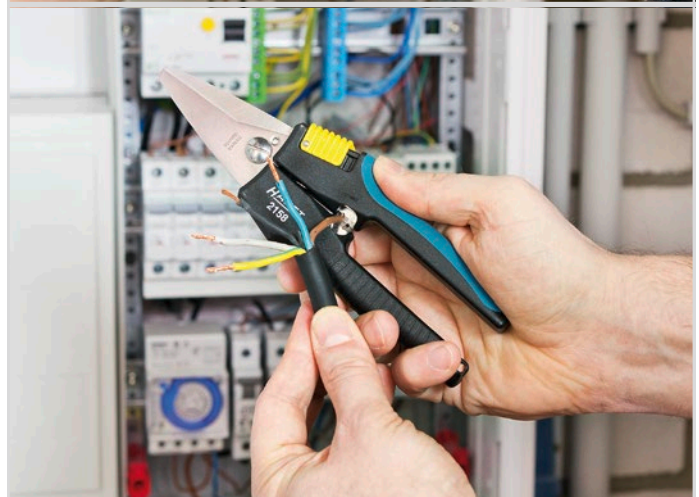
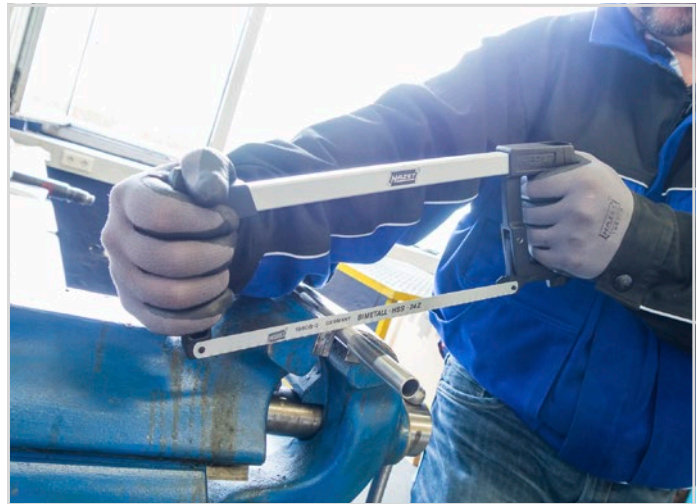
• Soft brass bristles facilitate damage-free cleaning



- Application: Cleaning aluminium brake callipers
- Slim design – allows working in areas with restricted access
- Plastic handle with suspension hole



HAZET No.	l mm	EAN-No. 4000896+
4968-3	225	089147





Thread repair

840 Screw extractor

Made in Germany

- Ground



HAZET No.	∅ mm	M	∅ mm	EAN-No. 4000896+
840-1	1.4–3.6	3–6	1.8	035687
840-2	2.1–4.9	6–8	2.6	035694
840-3	3.1–6.5	8–11	3.7	035700
840-4	4.8–8.8	11–14	5.5	035717
840-5	6.2–11	14–18	7	035724

840 Screw extractor set

Made in Germany

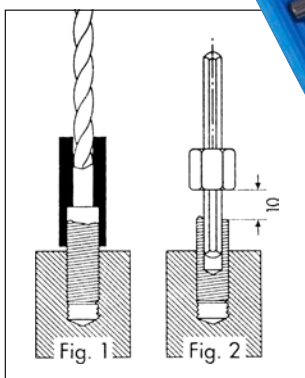
- Plastic box



HAZET No.		EAN-No. 4000896+
• Screw extractor set, contents: 840-1 · 2 · 3 · 4 · 5		
840/5	5	035762
• Screw extractor set, contents: 840-1 · 2 · 3 · 4 · 5 · 6 · 7 · 8		
840/8	8	035786

841 Stud extractor set

- Plastic box
- Surface: burnished, oiled



841 Stud extractor set

HAZET No.		EAN-No. 4000896+
25 pieces, in plastic box		
841/25	25	060993
• Union nuts For 841/25		
841-01	-	074433
841-02	-	074440
841-03	-	074457
841-04	-	074464
841-05	-	074471
• Tapping sleeves For 841/25		
841-06	-	074488
841-07	-	074495
841-08	-	074501
841-09	-	074518
841-010	-	074525
841-011	-	074532
841-012	-	074549
841-013	-	074556
841-014	-	074563
841-015	-	074570
• Stud extractor For 841/25		
841-016	-	074587
841-017	-	074594
841-018	-	074600
841-019	-	074617
841-020	-	074624

Tapping sleeve	Drill ∅ mm	Stud extractor	Suitable for	
841-06	4	841-016	M 5	3/16"
841-07	4	841-016	M 6	9/32" 1/4"
841-08	4	841-016	M 7	9/32"
841-09	4	841-016	M 8	5/16"
841-010	5	841-017	M 8	5/16"
841-011	5	841-017	M 9	11/32"
841-012	5	841-017	M10	3/8"
841-013	6	841-018	M11	7/16"
841-014	7,5	841-019	M12	15/32"
841-015	8,5	841-020	M14	9/16"

844 Stud bolt extractor

Made in Germany

125 1/2

- For installing and removing stud bolts and set screws with right-hand or left-hand thread without damage
- □ Drive 12.5 = 1/2" or ≤ 21 mm outside hexagon
- Surface: chrome-plated, polished



HAZET No.	l mm	∅ mm	∅ mm	EAN-No. 4000896+
844- 6	65	23	6	035823
844- 7	65	23	7	035830
844- 8	65	23	8	035847
844-10	75	27	10	035809
844-12	75	27	12	035816



Hand Tools

Thread repair



844 Stud extractor set

Made in Germany

- SmartCase (1/9) 165-S
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistent
- Surface: chrome-plated, polished



844 • $\frac{1}{2}$
 844-6 • 844-7 • 844-8
 844-10 • 844-12



HAZET No.	L x W x H mm		EAN-No. 4000896+
844/5	185x153x52	5	035878

842 AG Universal thread repair tool

- For thread diameters 4–13 mm ($\frac{5}{32}$ " – $\frac{1}{2}$ ")

- Application: Repairs right-hand and left-hand threads (observe direction of rotation)
 All forms of metric and non-metric threads (60° flank measurement)
- Quick fixation due to adjusting screw
- Blade automatically adapts to any thread pitch within range



HAZET No.		EAN-No. 4000896+
842 AG-1	4–13 mm / $\frac{5}{32}$ " – $\frac{1}{2}$ "	140718

- For thread diameters 16–38 mm ($\frac{5}{8}$ " – $1\frac{1}{2}$ ")

- Application: Trimming right-hand and left-hand threads (observe direction of rotation)
 all forms of metric and non-metric threads (60° flank measurement)
- Quick fixation due to adjusting screw
- Blade automatically adapts to any thread pitch within range



HAZET No.		EAN-No. 4000896+
842 AG-3	16–38 mm / $\frac{5}{8}$ " – $1\frac{1}{2}$ "	149230

842 AIG Universal thread repair tool set

- For outside thread 4–13 mm ($\frac{5}{16}$ " – $\frac{1}{2}$ ") and inside thread 5–12 mm ($\frac{13}{64}$ " – $\frac{1}{2}$ ")

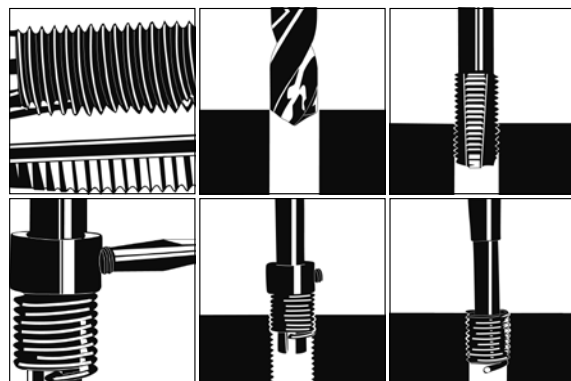
- Application: Repairing right-hand and left-hand threads (all forms of metric and non-metric threads)
- Simple and quick fixation due to knurled screw
- Also for aluminium threads
- 1 tool for outside threads
- 2 tools for inside threads
- Protective covers for aluminium threads



HAZET No.		EAN-No. 4000896+
842 AIG-1/4	4	153428

842 N Thread repair tool set

- Thread reinforcement of materials presenting a low shearing resistance. Application in machine construction, automotive engineering, electrical and medical engineering, for example
- Chrome-nickel stainless steel provides good inside threads resisting the influences of weathering and corrosion
- Plastic box



HAZET No.		EAN-No. 4000896+
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- **118-piece set**, M 6 to M 14
 - M 14 especially for spark plug thread
 - Contents:
 - 25 threaded inserts each
 - M6 x 1.00 mm x 9.0 mm
 - M8 x 1.25 mm x 12.0 mm
 - M10 x 1.50 mm x 15.0 mm
 - 10 threaded inserts M 12 x 1.75 mm x 18.0 mm
 - 5 threaded inserts each
 - M14 x 1.25 mm x 8.4 mm
 - M14 x 1.25 mm x 12.4 mm
 - M14 x 1.25 mm x 16.4 mm
 - 4 twist drills, 5 thread cutters, 5 assembly tools, 4 pin breaking tools
- | | | |
|---------------|-----|--------|
| 842 N-614/118 | 118 | 167272 |
|---------------|-----|--------|



849 Tap and die set

• High performance thread cutter made of HSS steel

- Application: Problem-free **rethreading** even in areas with restricted access
- Operation with reversible ratchet
- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistent
- Tap and die set, contents:
849 IG-M 3 · M 4 · M 5 · M 6 · M 8 · M 10 · M 12
849 AG-M 3 · M 4 · M 5 · M 6 · M 8 · M 10 · M 12
849 IG-6.3 · 8
849 AG-6.3 · 10
2100-025 · 2250-1 · 3



1/3				
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HAZET No.	L x W x H mm	□	EAN-No. 4000896+
849	355x235x65	21	035984

849 IG COMPONENTS

• Made in Germany

- Surface: nickel-plated
- DIN ISO 2936

HAZET No.	l mm	l _i mm	l ₂ mm	M	EAN-No. 4000896+
• Taps for female threads					
849 IG-M 3	-	-	-	M3x0.5	036127
849 IG-M 4	-	-	-	M4x0.7	036134
849 IG-M 5	-	-	-	M5x0.8	036141
849 IG-M 6	-	-	-	M6x1.0	036158
849 IG-M 8	-	-	-	M8x1.25	036165
849 IG-M 10	-	-	-	M10x1.5	036103
849 IG-M 12	-	-	-	M12x1.75	036110
• Dies for male threads					
849 AG-M 3	-	-	-	M3x0.5	036035
849 AG-M 4	-	-	-	M4x0.7	036042
849 AG-M 5	-	-	-	M5x0.8	036059
849 AG-M 6	-	-	-	M6x1.0	036066
849 AG-M 8	-	-	-	M8x1.25	036073
849 AG-M 10	-	-	-	M10x1.5	036011
849 AG-M 12	-	-	-	M12x1.75	036028
• Collet chuck					
• ● 6.3 = 1/4", for taps 849 IG-M 3 to M 6 (together with adapter 2250-1)					
849 IG-6.3	-	-	-	-	036080
• Collet chuck					
• ● 8 = 5/16", for taps 849 IG-M 8 to M 12 (in conjunction with adapter 2250-3)					
849 IG-8	-	-	-	-	036097
• Tool holder					
• □ Drive 6.3 = 1/4", for dies 849 AG-M 3 to M 6					
849 AG-6.3	-	-	-	-	036004
• Tool holder					
• □ Drive 10 = 3/8", for dies 849 AG-M 8 to M 12					
849 AG-10	-	-	-	-	035991
• Offset screwdriver					
2100-025	-	58.5	20.5	-	011285
• ○ 6.3 = 1/4" - □ 6.3 = 1/4"					
2250-1	23.5	-	-	-	015443
• ○ 8 = 5/16" - □ 10 = 3/8"					
2250-3	31	-	-	-	015474

2126 Thread restorer

- Application: Restoring damaged outside or inside threads
- Surface: nickel-plated
- Pitches from 0.8 to 3.0 mm



HAZET No.	l mm	EAN-No. 4000896+
2126	230	012497

847 Mechanical nut splitter

• Made in Germany



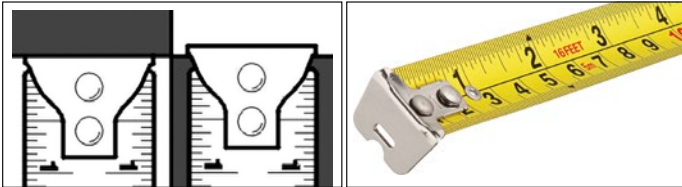
HAZET No.	∅ mm	EAN-No. 4000896+
• Splitting tight nuts of the quality ranges 5 and 6		
847-0410 A	7-16	139903
847-1027 A	13-24	139910
• Spare chisel for HAZET mechanical nut splitter 847-0410 A and 1027 A		
847-10 A	-	144150



Measurement

2154 N Measuring tape

- Belt clip
- Extra large tape reduces flexure
- Lockable using slide button with integrated slide control
- Special hook (end of blade) for accurate interior and exterior measurements
- Shock-absorbing two-component plastic housing
- High-quality spring allows that the blade is automatically pulled in
- Tough coating protects from corrosion and wear
- Double measurement markings (on upper and lower edges)



HAZET No.	l mm	b mm	EAN-No. 4000896+
2154 N-2	2000	16	143924
2154 N-3	3000	16	143931
2154 N-5	5000	19	143948

2154 N Measuring tape

- **Made in Germany**
- For inside and outside measurements
- Euro-Standard II
- 2 m
- Solid ABS-plastic housing, 76x56 mm



HAZET No.	l mm	EAN-No. 4000896+
2154-2	2000	013159



2154 Precision vernier calliper

- **Made in Germany**
- Measuring range up to 150 mm
- Depth gauge
- mm and inch increments
- Vernier 0.05 mm and 1/128"
- Fixing screw
- In pocket
- Made of stainless steel
- DIN 862



HAZET No.	l mm	EAN-No. 4000896+
2154-10	234	013142

2154 Vernier calliper · digital

- Measuring range up to 150 mm
- Depth gauge
- Reversible from mm to inch
- With interface RS 232 C for data processing
- On/off switch
- Including battery
- Made of stainless steel
- Plastic box
- DIN 862



HAZET No.	l mm	EAN-No. 4000896+
2154 N-20	234	127696

2155 N Precision micrometer

- Clamp ring and ratchet stop
- Spindle hidden inside, ground and hardened, adjustable
- Insulating plates
- Carbide tipped measuring surface
- Pitch 0.5 mm reading 0.01 mm
- Wooden box
- DIN 863-3



HAZET No.	EAN-No. 4000896+
2155 N-25	127702
2155-50	073276



2155 Dial gauge



2155-65



HAZET No.	EAN-No. 4000896+
2155-60	144303
2155-65	144501

Magnetic dial gauge stand

- Magnetic base with prism support (e.g. for shafts)
- On/Off switch for magnetic force
- Dial gauge holder for 4.5 mm and 8 mm shaft
- Horizontal rod for fine adjustment and articulation

Mechanical dial gauge

- Scale graduation: 0.01 mm
- Measuring range: 8 mm
- 1 needle rotation: 1 mm
- Rotary and lockable scale
- Target area can be limited by two needles
- Clamping shaft: \varnothing 8 mm
- Suitable for application with TDC Position Tool 3688-10

2155-60	144303
2155-65	144501

2145 Precision knife-edge straightedge

- **Made in Germany**
- Measuring edge hardened

- Application: Inspecting the evenness (flatness) of surfaces, e.g. cylinder head
- Ground and lapped
- Antirust
- Non-glaring
- Insulating handle
- In artificial leather case
- DIN 874-2



HAZET No.	l / mm	EAN-No. 4000896+
2145-500	500	073146

2147 Feeler gauge



HAZET No.	l / mm	mm	EAN-No. 4000896+
2147	106	0.05–1.0	012824
2147 MS	106	0.05–1.0	057603

- mm dimensions = feeler gauge set D
- 20 pieces, increasing by 0.05–1.0 mm
- Length of blades (bore hole – tip): 69.73 mm
- Radius on the tip 15 mm
- Checking the electrode distance in spark plugs

2147	106	0.05–1.0	012824
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- 2147 MS: made from brass – **non-magnetic** –
- Setting e.g. sensors **at ABS**
- Checking the electrode distance **of platinum spark plugs**
- 20 pieces, increasing by 0.05–1.0 mm
- Checking the electrode distance in spark plugs

2147 MS	106	0.05–1.0	057603
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Hand Tools

Tools with protective insulation / Tools for electricians



Tools with protective insulation / Tools for electricians



Assortment, with protective insulation

244

Wrenches with protective insulation

245

Nut-drivers with protective insulation

245–247

Screwdrivers with protective insulation

247–249

Pliers with protective insulation

249–250

Tools for electricians

250–251

Torque wrenches with protective insulation

252



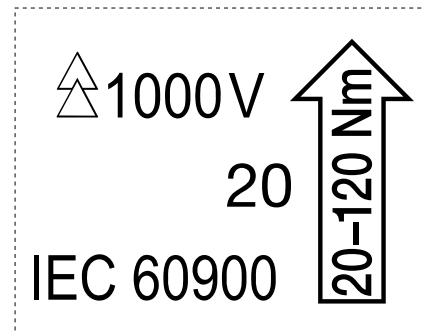


Tools with protective insulation

For safe application up to 1000 volts

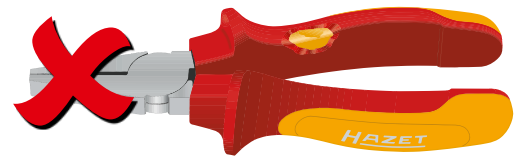
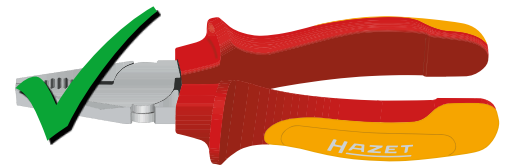
What are 1000 V tools?

- Tools with protective insulation have a special protective insulation and must be tested according to IEC 60900.
- The standard also prescribes the marking with the manufacturer name, model and article no. and year of manufacture. Tools with protective insulation are identified by the "Double triangle" logo and the 1000 V specification.
- All requirements stipulated in the DIN ISO for the torque, forces and hardness, for example, must be complied with.



Special HAZET 1000 V protective insulation

- HAZET tools with protective insulation normally have a two-tone multilayer safety insulation, i.e. a red layer on the outside and a yellow layer on the inside. This design supports the building regulation BGV A3 (VBG-4)
- The insulation must not exhibit any visual damage. If the inner yellow insulation layer is visible anywhere, the tool must be disposed of immediately, since there is a risk of electric shock. It is no longer possible and extremely dangerous to work with the power connected.
- Tools with protective insulation whose insulation has been technically sprayed on only have a single layer of red insulation. For safety reasons, the user should therefore check that the insulation is intact before starting work with the power connected to guarantee their safety.



Things to know before working with 1000 V tools

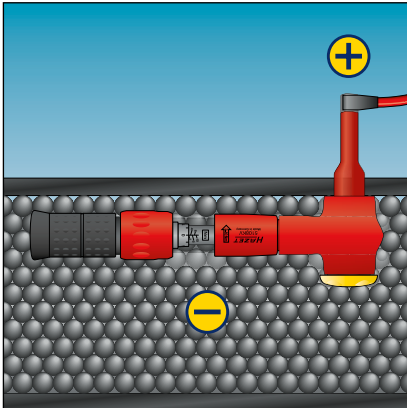
Here are some safety precautions for your own protection and safety:

- All work under electrical voltage must only be carried out by trained specialist personnel
- Only tools and equipment that have the "Double triangle" and 1000 V icon on them (see also building regulation BGV A3) are permitted
- Every time before starting work, the insulation must be checked for damage
- Dispose of damaged tools or ensure that they are NO LONGER used for work under voltage
- Comply with regulations from professional associations, etc. and/or power supply companies
- HAZET 1000 V tools ensure safe and risk-free work up to 1000 V AC (alternating voltage) and 1500 V (direct voltage)



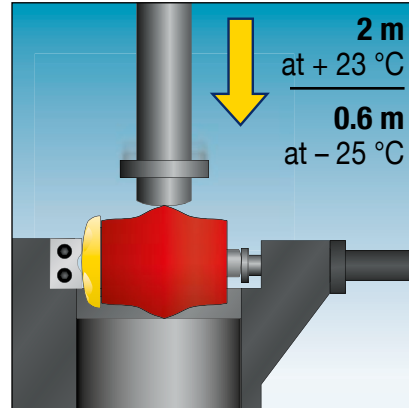
Exemplary examples of VDE tests

using a HAZET torque wrench with protective insulation



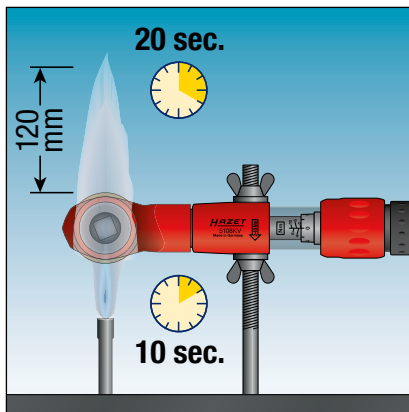
Electrical test [type testing]

No breakdowns or arcing may occur in the vicinity of the insulation after 48 hours of moisture-proof storage with a 3-minute measurement under 10,000 V.



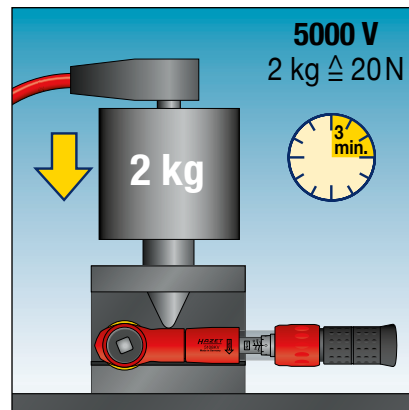
Cold impact test [type testing]:

With a retention time of 2 hours at an ambient temperature of -25 °C, the insulation must not present any cracks or other damage during targeted shocks and impacts (falling height 0.6 m).



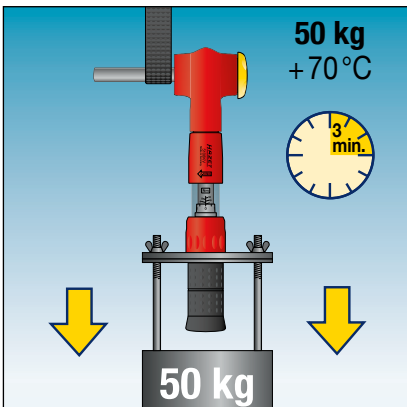
Burn test [type testing]:

After 10 seconds in a flame, the insulation must not prove to be "easily combustible".



Pressure test [type testing]:

After being stored for 2 hours at a temperature of 70 °C, with a pressure load of 20 N and a 3-minute measurement under 5,000 V, there must be no punctures or arcing in the insulation.



Test for adhesion:

The insulation must not come loose or slacken when under a tensile load for 3 minutes with 500 N after 168 hours in a climatic chamber at +70°C.



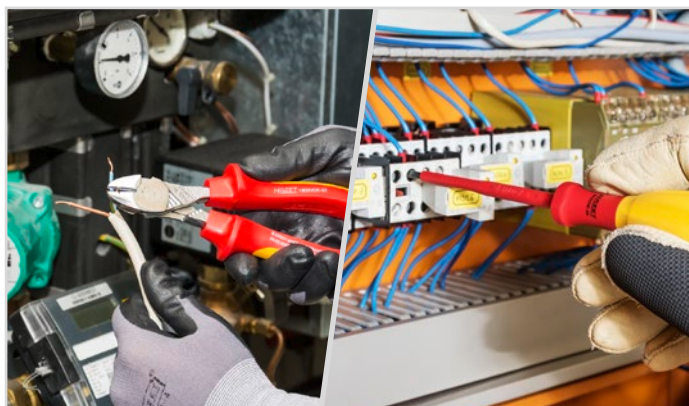
0-20 Tool assortment · with protective insulation

- Tool assortment for electricians
- IEC 60900:2018



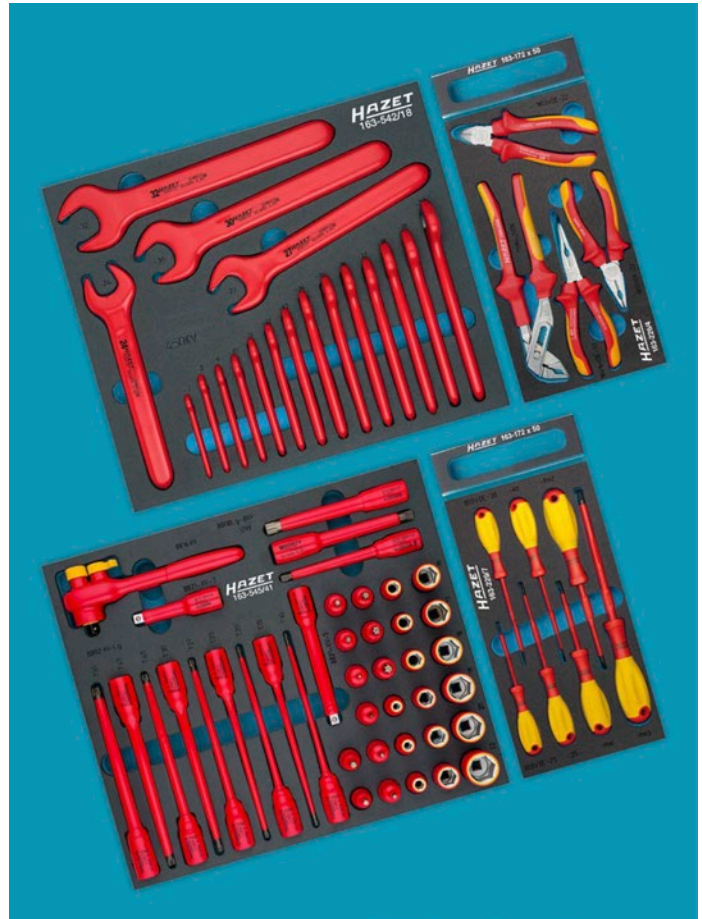
- | | | |
|--------------------------------------|---------------|-------------|
| 810 VDE • 0.4x2.5 • 0.6x3.5 • 0.8x4 | 1816 VDE-22 | 1850 VDE-22 |
| 810 VDE-PH • PH 1 • PH 2 | 1826 VDE-22 | 1862 |
| 839 • 0.5x2.8 | 1841 a VDE-22 | 2154 N-3 |
| 1803 VDE-33 | 1841 b VDE-33 | |

HAZET No.		EAN-No. 4000896+
0-20/14	14	192526



0-179 Tool assortment

- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- IEC 60900:2018
- Tool assortment
- In soft foam insert Safety Insert System



- | | | |
|--|----------------------|---|
| 163-226/4 | 450 KV • 163-542/18 | 8801 K-KV • 5 • 6 |
| 759 N-2 VDE | 450 KV • 163-545/41 | 8802 KV • T 10 • T 15 • T 20 • T 25 • T 27 • T 30 • T 40 • T 45 • T 50 |
| 1803 VDE-22 | 880 KV • 163-545/41 | 8802 KV-Lg • T 10 • T 15 • T 20 • T 25 • T 30 • T 40 • T 45 • T 50 |
| 1841 b VDE-33 | 880 KV • 163-545/41 | 8808 LgKV • M 8 • M 10 • M 12 |
| 1850 VDE-22 | 880 KV • 163-545/41 | 8816 KV • 10 3/8 |
| 810 VDE • 163-229/7 | 880 KV • 163-545/41 | 8821 KV • 10 3/8 • 10 1/2 |
| 810 VDE • 0.4x2.5 • 0.5x3 • 0.6x3.5 • 0.8x4 | 880 KV • 163-545/41 | 8821 KV-3 • 8821 KV-5 |
| 810 VDE-PH • PH 1 • PH 2 • PH 3 | 880 KV • 163-545/41 | 163-172x50 |

HAZET No.		EAN-No. 4000896+
0-179/70 KV	70	235575



Hand Tools

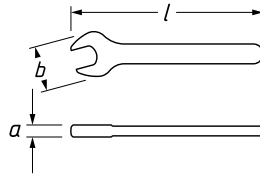
Tools with protective insulation / Tools for electricians



450 KV Double open-end wrench · with protective insulation

Made in Germany

- Slim head
- Shank with sturdy HAZET double-T-profile
- Head set at: 15°
- Surface: with protective insulation
- IEC 60900:2018



HAZET No.	l mm	a mm	b mm	EAN-No. 4000896+
450 KV- 7	88	6.2	19.3	231409
450 KV- 8	103	6.7	20.3	231416
450 KV- 9	108	6.7	22.9	231423
450 KV-10	113	7.2	25.1	231256
450 KV-11	123	7.6	27.3	231263
450 KV-12	133	7.7	29.2	231270
450 KV-13	143	8.5	31.1	231287
450 KV-14	153	8.7	32.9	231294
450 KV-15	166	10.4	35.8	231300
450 KV-16	171	10.4	37.9	231317
450 KV-17	171	10.9	39.8	231324
450 KV-18	181	11.4	41.8	231331
450 KV-19	186	11.4	43.8	231348
450 KV-22	211	11.9	50	231355
450 KV-24	238	13.3	54.3	231362
450 KV-27	258	13.6	60.2	231379
450 KV-30	278	14.6	66.7	231386
450 KV-32	298	14.6	70	231393

450 KV Open-end wrench · with protective insulation

Made in Germany

- Surface: with protective insulation
- IEC 60900:2018

Suitable for HAZET *Assistant* with a drawer depth of 398 mm:

173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180



2/3+			
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450 KV · ●
7 · 8 · 9 · 10 · 11 · 12 · 13 · 14 · 15 · 16 · 17 · 18 · 19 · 22 · 24 · 27 · 30 · 32

HAZET No.	L x W mm	l mm	□	EAN-No. 4000896+
163-542/18	392x344	392	18	223626

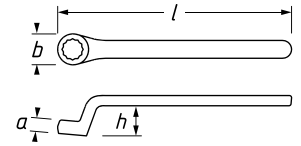
630 KV Double box-end wrench · with protective insulation

Made in Germany

- Deep offset
- Heads thin-walled
- Surface: with protective insulation
- IEC 60900:2018



630 KV Double box-end wrench · with protective insulation



HAZET No.	l mm	h mm	a mm	b mm	EAN-No. 4000896+
630 KV- 7	152	15.5	6.4	13.6	231584
630 KV- 8	164	18	6.8	13.8	231591
630 KV- 9	164	18	7.3	15.5	231607
630 KV-10	172	20.5	7.6	17.5	231430
630 KV-11	178	20.5	8.7	19	231447
630 KV-12	193	22	8.7	20.5	231454
630 KV-13	198	22	9.3	22	231461
630 KV-14	209	23.5	10	23.5	231478
630 KV-15	214	24	11	24	231485
630 KV-16	217	26.5	11	27.5	231492
630 KV-17	223	26.5	11	27.5	231508
630 KV-18	234	28.5	11.5	30	231515
630 KV-19	234	28.5	11.5	31	231522
630 KV-22	263	30	13	35.5	231539
630 KV-24	280	31	13	38	231546
630 KV-27	295	32	14	42	231553
630 KV-30	305	33	16	46	231560
630 KV-32	312	34	16	48	231577

630 KV Double box-end wrench · with protective insulation

Made in Germany

- Surface: with protective insulation
- IEC 60900:2018

Suitable for HAZET *Assistant* with a drawer depth of 398 mm:

173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180



2/3+			
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630 KV · ●
7 · 8 · 9 · 10 · 11 · 12 · 13 · 14 · 15 · 16 · 17 · 18 · 19 · 22 · 24 · 27 · 30 · 32

HAZET No.	L x W mm	l mm	□	EAN-No. 4000896+
163-543/18	392x344	392	18	223831

880 VDE Socket set · with protective insulation

- Surface: with protective insulation
- IEC 60900:2018



1/3			
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880 KV · ● □ %
6 · 7 · 8 · 9 · 10
11 · 12 · 13 · 14 · 16
17 · 18 · 19 · 20 · 22



8816 KV · □ %



8821 KV · □ % □ %
8821 KV-3 · 8821 KV-5

HAZET No.	L x W mm	l mm	□	EAN-No. 4000896+
163-580/18	342x172	342	18	235520



880 KV Socket set · with protective insulation

- Surface: with protective insulation
- IEC 60900:2018

Suitable for HAZET *Assistant* with a drawer depth of 398 mm:

173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180



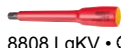
2/3+		
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880 KV · · 6 · 7 · 8 · 9 · 10 · 11 · 12 · 13 · 14 · 16 · 17 · 18 · 19 · 20 · 22



8802 KV · · T 10 · T 15 · T 20 · T 25 · T 27 · T 30 · T 40 · T 45 · T 50



8808 LgKV · · M 8 · M 10 · M 12



8816 KV · ·



8801 K-KV · · 5 · 6



8802 KV-Lg · · T 10 · T 15 · T 20 · T 25 · T 30 · T 40 · T 45 · T 50



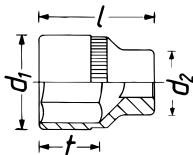
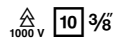
8821 KV · · 8821 KV-3 · 8821 KV-5

HAZET No.	L x W mm		EAN-No. 4000896+
163-545/41	392x344	41	223855

880 KV Socket · 6-point

Made in Germany

- Short design
- Surface: with protective insulation
- IEC 60900:2018

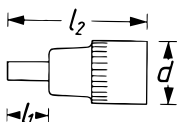
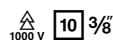


HAZET No.	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
880 KV- 6	40	14	23	6.5	231959
880 KV- 7	40	15	23	6.5	231966
880 KV- 8	40	16	23	6.5	231973
880 KV- 9	40	17.5	23	6.5	231980
880 KV-10	41	18.5	23	7.3	231843
880 KV-11	42	20	23	8.4	231850
880 KV-12	43	21	23	9.3	231867
880 KV-13	43.5	22.5	23	9.8	231874
880 KV-14	45.5	23.5	23	11.8	231881
880 KV-16	45.5	26	23	11.7	231898
880 KV-17	45.5	27.5	23	11.7	231904
880 KV-18	47.5	28.5	23	13.7	231911
880 KV-19	47.5	30	23	13.7	231928
880 KV-20	47.5	31	23	13.7	231935
880 KV-22	50	33.5	23	15.6	231942

8801 K-KV Screwdriver socket

Made in Germany

- Short design
- Surface: with protective insulation
- IEC 60900:2018

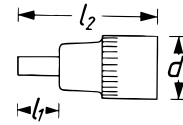
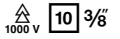


HAZET No.	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
8801 K-5 KV	12.5	60	23	231614
8801 K-6 KV	12.5	60	23	231621

8802 KV Screwdriver socket

Made in Germany

- Short design
- Surface: with protective insulation
- IEC 60900:2018

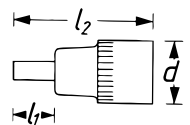
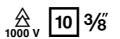


HAZET No.	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
8802 KV-T 10	12.5	59.5	23	231720
8802 KV-T 15	12.5	59.5	23	231737
8802 KV-T 20	12.5	59.5	23	231744
8802 KV-T 25	12.5	59.5	23	231751
8802 KV-T 27	12.5	59.5	23	231768
8802 KV-T 30	12.5	59.5	23	231775
8802 KV-T 40	12.5	59.5	23	231782
8802 KV-T 45	12.5	59.5	23	231799
8802 KV-T 50	12.5	60.5	23	231805

8802 KV-Lg Screwdriver socket

Made in Germany

- Long design
- Surface: with protective insulation
- IEC 60900:2018

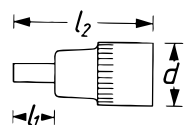
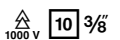


HAZET No.	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
8802 KV-Lg-T 10	153	187	23	231638
8802 KV-Lg-T 15	153	187	23	231645
8802 KV-Lg-T 20	153	187	23	231652
8802 KV-Lg-T 25	153	187	23	231669
8802 KV-Lg-T 27	153	187	23	231676
8802 KV-Lg-T 30	153	187	23	231683
8802 KV-Lg-T 40	153	187	23	231690
8802 KV-Lg-T 45	153	187	23	231706
8802 KV-Lg-T 50	153	187	23	231713

8808 LgKV Screwdriver socket

Made in Germany

- Long design
- Surface: with protective insulation
- IEC 60900:2018



HAZET No.	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
8808 Lg- 8 KV	100	145.5	23	231836
8808 Lg-10 KV	100	144.5	23	231812
8808 Lg-12 KV	100	145.3	23	231829



Hand Tools

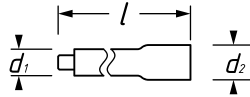
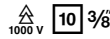
Tools with protective insulation / Tools for electricians



8821 KV Extension 1000 Volt

Made in Germany

- With locking ball
- Surface: with protective insulation
- IEC 60900:2018



HAZET No.	l mm	d ₁ mm	d ₂ mm	EAN-No. 4000896+
8821 KV-3	90	17.5	23	231997
8821 KV-5	142	17.5	23	232000

900 KV Socket set · with protective insulation

- Surface: with protective insulation
- IEC 60900:2018

Suitable for HAZET *Assistant* with a drawer depth of 398 mm:
173 · 179 · 179 N · 179 W · 179 N W · 179 BIG-1 · 179 XL · 179 N XL · 179 XXL · 179 N XXL · 179 A XXL · 179 T XXL · 180



2/3+			
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900 KV · 10 · 11 · 12 · 13 · 14 · 15 · 16 · 17 · 18 · 19 · 20 · 22 · 23 · 24 · 26 · 27 · 30 · 32



986 LGKV · 4 · 5 · 6 · 8 · 10



917/918 KV · 917 KV-5 · 918 KV-10



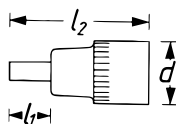
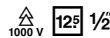
916 KV

HAZET No.	L x W mm	■	EAN-No. 4000896+
163-544/26	392x344	26	223848

900 KV Socket · 6-point · with protective insulation

Made in Germany

- Surface: with protective insulation
- IEC 60900:2018

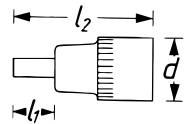
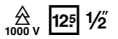


HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
900 KV-10	54	19.5	27	10.8	232017
900 KV-11	54	20.5	27	10.8	232024
900 KV-12	54	22	27	11.3	232031
900 KV-13	54	23	27	11.3	232048
900 KV-14	54	24.5	27	11.8	232055
900 KV-15	54	25.5	27	11.8	232062
900 KV-16	54	27	27	12.2	232079
900 KV-17	54	28	27	12.7	232086
900 KV-18	54	29.5	27	14.2	232093
900 KV-19	54	30.5	27	14.2	232109
900 KV-20	54	32	27	14.2	232116
900 KV-22	57.5	34.5	27	17.6	232123
900 KV-23	57.5	35.5	27	17.6	232130
900 KV-24	60	36.5	27	18.1	232147
900 KV-26	60	39	27	17.8	232154
900 KV-27	62	40	27	19.7	232161
900 KV-30	66	44	27	23.3	232178
900 KV-32	66	46.5	27	23	232185

986 LGKV Screwdriver socket · with protective insulation

Made in Germany

- Long design
- Surface: with protective insulation
- IEC 60900:2018

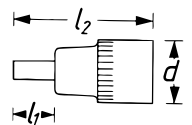
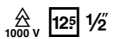


HAZET No.	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
986 Lg- 4 KV	102	156	27	232222
986 Lg- 5 KV	102	156	27	232239
986 Lg- 6 KV	102	156	27	232246
986 Lg- 8 KV	102	156	27	232253
986 Lg-10 KV	102	156	27	232215

917/918 KV Extension · with protective insulation

Made in Germany

- With locking ball
- Surface: with protective insulation
- IEC 60900:2018



HAZET No.	l mm	EAN-No. 4000896+
917 KV- 5	140	232192
918 KV-10	264	232208

804 VDE Screwdriver set · with protective insulation

Made in Germany

- Safety tool according to DIN ISO 60900



- All screwdrivers 10,000 volts individually tested, safe working guaranteed up to 1,000 volts
- Round blade
- Ergonomically shaped HAZET 2-component handle (red/yellow)
- Surface: with protective insulation
- IEC 60900:2018
- 2.5x0.4 · 3.0x0.5 · 3.5x0.6 · 4.0x0.8 · 5.5x1.0 · 6.5x1.2 mm
- PH 1 · PH 2
- PZ 2
- T 10 · T 15 · T 20



HAZET No.	■	EAN-No. 4000896+
804 VDE/14	14	133000



810 Screwdriver set · with protective insulation

- IEC 60900:2018
- Voltmeter, 220–250 V as per VDE 0680



810 VDE · · ·
0.4x2.5 · 0.6x3.5 · 0.8x4

810 VDE-PH · ·
PH 1 · PH 2

839 ·
0.5x2.8

HAZET No.		EAN-No. 4000896+
810/6 VDE	6	179329

810 VDE Screwdriver set · with protective insulation

- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- Surface: with protective insulation
- IEC 60900:2018



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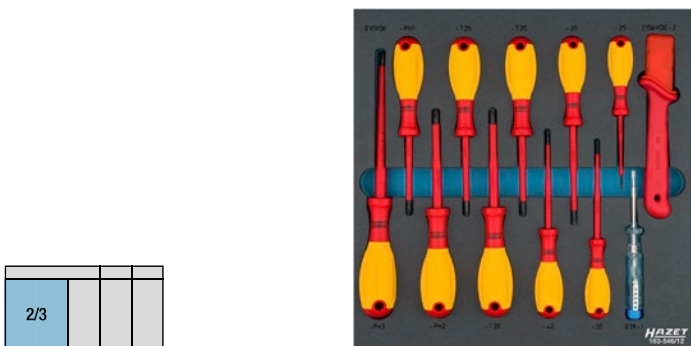
810 VDE · · ·
0.4x2.5 · 0.5x3 · 0.6x3.5 · 0.8x4

810 VDE-PH · · ·
PH 1 · PH 2 · PH 3

HAZET No.	L x W mm		EAN-No. 4000896+
163-229/7	342x172	7	177844

810 VDE Screwdriver set · with protective insulation

- Surface: with protective insulation
- IEC 60900:2018



2/3			
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810 VDE · · ·
0.4x2.5 · 0.5x3
0.6x3.5 · 0.8x4

810 VDE-PH · · ·
PH 1 · PH 2 · PH 3

839 ·
0.5x2.8

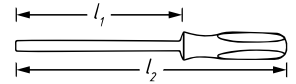
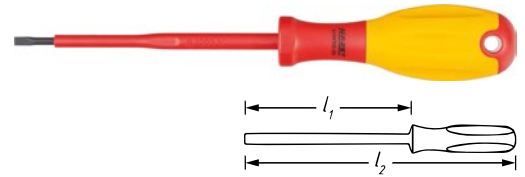
810 VDE-T · · ·
T 20 · T 25 · T 30

2156 VDE-2

HAZET No.	L x W mm		EAN-No. 4000896+
163-546/12	344x342	12	223619

810 VDE Screwdriver for electricians · with protective insulation

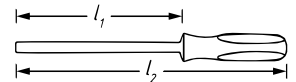
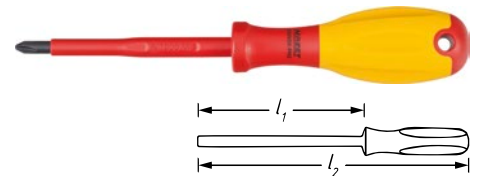
- Round blade
- Ergonomically shaped HAZET 2-component handle (red/yellow)
- Surface: tip burnished, with protective insulation
- IEC 60900:2018



HAZET No.	l_1 mm	l_2 mm	$\frac{b}{d}$ mm	b mm	EAN-No. 4000896+
810 VDE-25	75	155	0.4	2.5	174089
810 VDE-30	100	180	0.5	3	174355
810 VDE-35	100	190	0.6	3.5	174362
810 VDE-40	100	190	0.8	4	174379

810 VDE-PH Screwdriver for electricians · with protective insulation

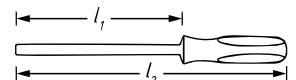
- Round blade
- Ergonomically shaped HAZET 2-component handle (red/yellow)
- Surface: tip burnished, with protective insulation
- IEC 60900:2018



HAZET No.	l_1 mm	l_2 mm	EAN-No. 4000896+
810 VDE-PH 1	80	180	174386
810 VDE-PH 2	100	210	174393
810 VDE-PH 3	150	270	174409

810 VDE-T Screwdriver for electricians · with protective insulation

- Round blade
- Ergonomically shaped HAZET 2-component handle (red/yellow)
- Surface: tip burnished, with protective insulation
- IEC 60900:2018



HAZET No.	l_1 mm	l_2 mm	$\frac{b}{d}$ mm	EAN-No. 4000896+
810 VDE-T 20	80	180	3.86	174416
810 VDE-T 25	80	180	4.43	174423
810 VDE-T 30	100	210	5.52	174430





Hand Tools

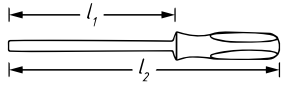
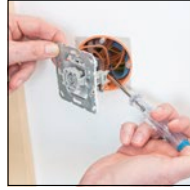
Tools with protective insulation / Tools for electricians



839 Voltmeter

Made in Germany

- 220–250 V according to standard VDE 0680
- Slotted blade, concave ground
- Extra long handle, 92 mm
- With clip
- Defective glow tube not replaceable according to VDE
- Round blade
- Plastic handle
- IEC 60900:2018



HAZET No.	l_1 mm	l_2 mm	$\frac{b}{l_1}$ mm	b mm	EAN-No. 4000896+
839-1	58	150	0.5	2.8	035670

163 Pliers set · with protective insulation

Made in Germany

- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- Surface: with protective insulation
- IEC 60900:2018

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1802 VDE-22



1804 VDE-33



1860 VDE-11

HAZET No.	$L \times W$ mm		EAN-No. 4000896+
163-227/3	342x172	3	177868

Made in Germany

- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- Surface: with protective insulation
- IEC 60900:2018

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759 N-2 VDE



1803 VDE-22



1841 b VDE-33



1850 VDE-22

HAZET No.	$L \times W$ mm		EAN-No. 4000896+
163-226/4	342x172	4	177875

1850 VDE Combination pliers · with protective insulation

Made in Germany

- Induction-hardened cutting edges with grind
- Cutting edge hardness: 60 HRC
- Ergonomically shaped HAZET 2-component plastic handle covers (red/yellow)
- Surface: bright chrome-plated, with protective insulation
- IEC 60900:2018, DIN ISO 5746



1850 VDE Combination pliers · with protective insulation



HAZET No.	l mm	Rm N/mm ² ○ 800	Rm N/mm ² ● 1600	EAN-No. 4000896+
1850 VDE-22	160	2.5	1.8	007202
1850 VDE-33	180	2.8	2.5	007219
1850 VDE-44	200	3	2.8	007226

1803 VDE Diagonal cutter · with protective insulation

Made in Germany

- Easy motion joint free of clearance
- Lap joint
- Induction-hardened cutting edges with grind
- Cutting edge hardness: 60 HRC
- Ergonomically shaped HAZET 2-component plastic handle covers (red/yellow)
- Surface: bright chrome-plated, with protective insulation
- IEC 60900:2018, DIN ISO 5749



HAZET No.	l mm	Rm N/mm ² ○ 800	Rm N/mm ² ● 1600	EAN-No. 4000896+
1803 VDE-22	160	2.8	2	006137
1803 VDE-33	180	3	2.5	006144

1802 VDE Heavy-duty diagonal cutter · with protective insulation

Made in Germany

- Optimum leverage ratio due to small distance between joint and cutting edges



- Forged design
- Easy motion joint free of clearance
- Lay-on slip joint
- Induction-hardened cutting edges with grind
- Cutting edge hardness: 64 HRC
- Ergonomically shaped HAZET 2-component plastic handle covers (red/yellow)
- Surface: bright chrome-plated, with protective insulation
- IEC 60900:2018, DIN ISO 5749



HAZET No.	l mm	Rm N/mm ² ○ 800	Rm N/mm ² ● 1600	Rm N/mm ² ● 2300	EAN-No. 4000896+
1802 VDE-22	180	3.8	2.7	2.2	086382

1804 VDE Cable shears · with protective insulation

Made in Germany

- Twin cutting edge
- Cutting of copper- and aluminium cables without squeezing
- Handles with dip coating
- Surface: with protective insulation
- IEC 60900:2018



HAZET No.	l mm	EAN-No. 4000896+
1804 VDE-33	208	173631



1841 AVDE Snipe nose pliers · with protective insulation

Made in Germany

- Flat round shape, induction-hardened cutting edges
- Straight design
- Cutting edge hardness: 60 HRC
- Ergonomically shaped HAZET 2-component plastic handle covers (red/yellow)
- Surface: bright chrome-plated, with protective insulation
- IEC 60900:2018, DIN ISO 5745



HAZET No.	l mm	Rm N/mm ² ○ 800	Rm N/mm ² ● 1600	EAN-No. 4000896+
1841 a VDE-22	160	2.5	1.6	006397

1841 BVDE Snipe nose pliers · with protective insulation

Made in Germany

- Flat round shape, induction-hardened cutting edges
- Curved design (45°)
- Cutting edge hardness: 60 HRC
- Ergonomically shaped HAZET 2-component plastic handle covers (red/yellow)
- Surface: bright chrome-plated, with protective insulation
- IEC 60900:2018, DIN ISO 5745



HAZET No.	l mm	Rm N/mm ² ○ 800	Rm N/mm ² ● 1600	EAN-No. 4000896+
1841 b VDE-33	200	2.8	1.8	006441

1816 VDE Flat nose pliers · with protective insulation

Made in Germany

- Long jaws
- Flat form
- Straight design
- Ergonomically shaped HAZET 2-component plastic handle covers (red/yellow)
- Surface: bright chrome-plated, with protective insulation
- IEC 60900:2018, DIN ISO 5745



HAZET No.	l mm	EAN-No. 4000896+
1816 VDE-22	160	006298

1826 VDE Round-nose pliers · with protective insulation

Made in Germany

- Long jaws
- Round shape
- Ergonomically shaped HAZET 2-component plastic handle covers (red/yellow)
- Surface: bright chrome-plated, with protective insulation
- IEC 60900:2018, DIN ISO 5745



HAZET No.	l mm	EAN-No. 4000896+
1826 VDE-22	160	006328

759 N-VDE Universal pliers · with protective insulation

Made in Germany

- Water pump pliers
- Box-joint
- Jaw and joint polished
- Ergonomically shaped HAZET 2-component plastic handle covers (red/yellow)
- Surface: with protective insulation
- IEC 60900:2018, DIN ISO 8976



HAZET No.	l mm	sb mm	sb mm	EAN-No. 4000896+
759 N-2 VDE	251	30	10-36	174072

1860 VDE Wire stripper · with protective insulation

Made in Germany

- For wire with a cross-section up to 6 mm²
- With adjusting screw and opening spring
- Ergonomically shaped HAZET 2-component plastic handle covers (red/yellow)
- Surface: bright chrome-plated, with protective insulation
- IEC 60900:2018



HAZET No.	l mm	EAN-No. 4000896+
1860 VDE-11	160	007288

1862 Automatic wire stripper

Made in Germany

- For PVC-insulated solid and flexible cables, conductor cross-section 0.5 up to 4 mm²
- Automatical adjustment to the conductor's cross-section, easy application – perfect result
- Integrated side cutter for wire cutting
- Plastic housing
- IEC 60900:2018



HAZET No.	l mm	EAN-No. 4000896+
1862	180	007301

1863 Automatic wire stripper

- Automatic adjustment to insulation thickness, easy application – perfect result

- Application: Wire stripping of electrical conductors, stranded wires and cables
- For copper and aluminium conductors
- Stripping range PVC-insulated conductors, cross-section 0.2 up to 6 mm²
- Maximum stripping length 18 mm
- Spring-loaded knife-type blades
- Wire cutter for 4 mm² single-wired and 6 mm² fine-wired
- IEC 60900:2018



HAZET No.	l mm	EAN-No. 4000896+
1863	205	007325



Hand Tools

Tools with protective insulation / Tools for electricians



4656 Crimping pliers

Made in Germany

• Crimping of conductor crimp and insulation crimp in one working step

- Intensive insulation crimp with special profile geometry
- Integrated lock with releasing mechanism provides complete crimp
- All stressed parts are specially tempered
- Easy handling
- Profile coding
- Profiles / cross-sectional areas:
red: 0.5–1.0 mm² / AWG 20–16
blue: 1.5–2.5 mm² / AWG 16–14
yellow: 4.0–6.0 mm² / AWG 12–10
- Ergonomic soft grip handles with anti-slip covers
- Surface: burnished, oiled



HAZET No.	l / mm	EAN-No. 4000896+
4656-1	220	127351

4658 Crimping pliers

Made in Germany

• Quick-change system (locking pins allow fast and easy changing of the pliers' head)

- For a multitude of **non-insulated cable and plug-type connectors**
- Integrated lock with release mechanism ensures complete crimping process
- **Less expenditure of force due to an optimal force transmission ratio**
- **Linear crimping** providing consistent rolling of conductor and insulator crimp
- The **insulation stop** allows the positioning of the contact in the crimping profile independent of the type of contact used
- **Change head for cross sections 0.35–1.5 mm² complete**, including basic tool
- 1st profile: 0.35–0.5 mm²
2nd profile: 1.5 mm²
3rd profile: 0.5 – 1.0 mm²
conductor crimp = B-crimp /
insulation crimp = O-crimp



HAZET No.	l / mm	EAN-No. 4000896+
4658-10	150	129515

2156 Cable Knives

- Blade made of stainless steel
- Plastic handle



HAZET No.	l / mm	EAN-No. 4000896+
2156	110	013180

2156 VDE Cable stripping knife · with protective insulation

Made in Germany

- With protection cap
- Blade made of stainless steel
- Plastic handle
- IEC 60900:2018



HAZET No.	l / mm	EAN-No. 4000896+
2156 VDE-2	180	173549

196 VDE Insulating mat

Made in Germany

• For working on high-current parts, in carrier bag



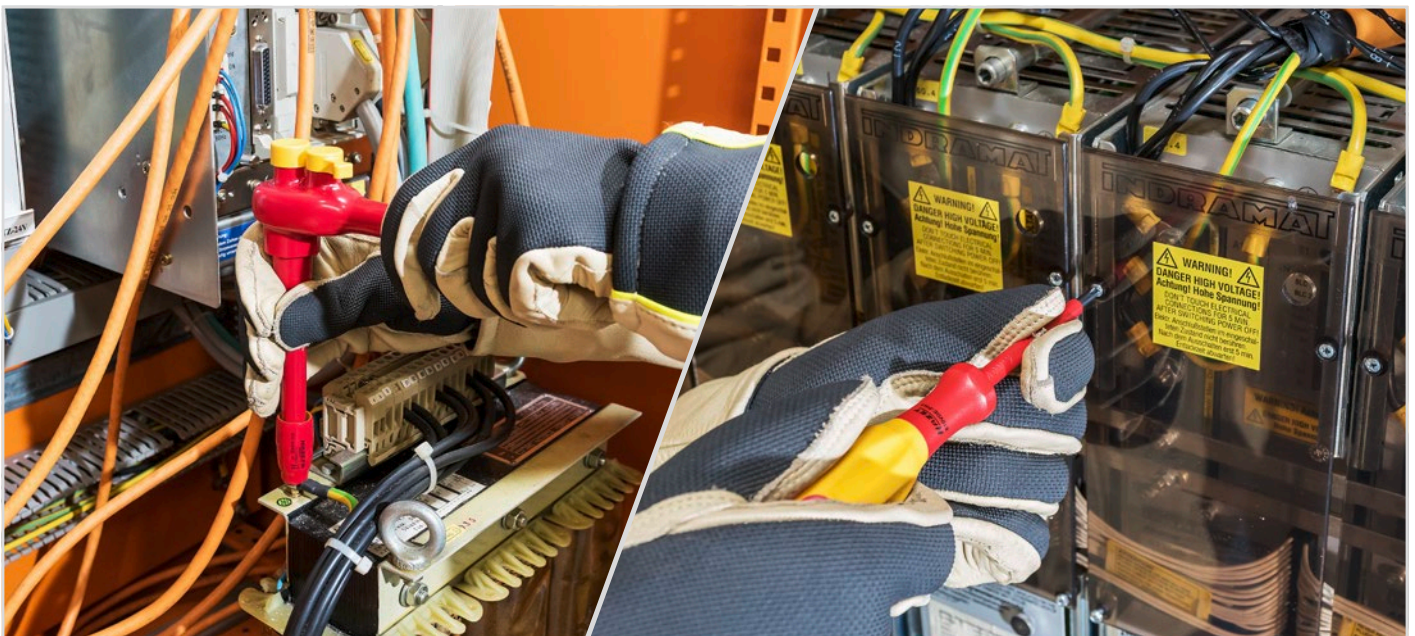
- Rubber mat, tested: 50,000 V, according to VDE 0303
- One side smooth and one side anti-slipping, grooved
- Dimensions: 1000 x 1000 x 4.0 mm

Carrier bag design

- Carrying strap removable
- Length: 1000 mm
- Diameter: 160 mm
- Polyester, red
- IEC 60900:2018



HAZET No.	□	EAN-No. 4000896+
196 VDE-8/2	2	174836





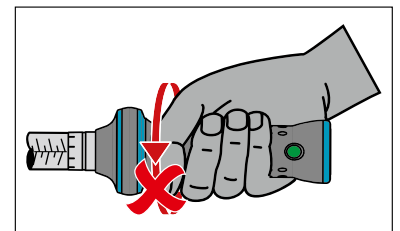
5000 KV Torque wrench · with protective insulation · SYSTEM 5000 KV (with insert square) · ± 4% accuracy · 5108 KV 6% · 2–120 Nm

Made in Germany

- Can be readjusted and recalibrated
Possible repairs to the KV torque wrenches in the HAZET Service Centre
- Long service life /accuracy through the option of:
 - Removal
 - Adjustment
 - Repair (if necessary)
 - Calibration
 - Installation
- Suitable for control of inspection and test equipment
- Sustainable and environmentally sound
- Fine scale graduation with vernier scale
- Locking against unintentional adjustment of the setting value
- Safety:
 - Haptic (close-gap release)
 - Audible ("click" sound)
- Right/left release by square box wrench, thereby tightening at torque setting both to the right and to the left within the specified tolerance
- Low weight for good handling and fatigue-free work

Product design features

- Slim design in strict accordance with the required insulating properties (material strength/overlaps)
- Smooth transitions on switching and moving parts with ergonomic handle design and calibration notch
- Uniform look even when using other components (e.g. red insulated sockets)
- Attractive colour design of the housing and head with signal colours red/yellow
- Handle colour in black to make a distinction with the colour and to prevent it appearing dirty quickly
- No disturbing projecting parts (e.g. shift lever)
- DIN EN ISO 6789-2:2017, DIN 3120, ISO 1174-1, IEC 60900:2018



ATTENTION:

Repairs may only be carried out by the HAZET Service Center, as repair works must be followed by a 10,000 V routine test in accordance with IEC 60900

HAZET No.	Output	l mm	Release accuracy tolerance %	Nm	⚡ Nm	⚖ kg	EAN-No. 4000896+
5108 KV	■ 10 = 3/8"	275	6	2–10	0.2	1.0–5.0	235421
5109 KV	■ 10 = 3/8"	305	4	5–25	0.5	2.1–11.0	235445
5121 KV	■ 12.5 = 1/2"	420	4	20–120	1	6.0–37.4	233397



Hand Tools

Tools with protective insulation / Tools for electricians



SANTA TOOLS

HAZET
Das Werkzeug

HAZET

MERRY Christmas


Coming Soon
2021





Torque Technology



5000-3 CT	With reversible ratchet	± 3% / 4%	1–800 Nm		278
5200 CT	With insert square	± 3%	10–200 Nm		279
5000 CLT	With display and reversible ratchet	± 4%	20–320 Nm		280
5000 KV	With protective insulation, tested to 1,000 V	± 4% / 6%	2 – 120 Nm		252
6000 CT	With reversible ratchet	± 2% / 4%	1–800 Nm		280
6000 CT	Can be disassembled, with reversible ratchet	± 3% / 4%	400–2000 Nm		282
6000 CT	US Standard, with reversible ratchet	± 3%	5–600 lbf.ft		283
6200 CT	With insert square	± 2% / 4%	2–500 Nm		284
6000 CT	Torque tool sets				286
7000 sTAC	Electronic, with insert square and reversible ratchet	as of ± 1% / ± 1 digit ± 1°	1–1000 Nm		288
6000	Torque screwdrivers for bits	± 6% / 10%	0,4–5,4 Nm		290
6000	Torque screwdrivers for bits	± 5%	0,1–6 Nm		290
6300 CT	With insert square and adjustable fixed value	± 2% / 6%	1–320 Nm		291
	Insert tool holders				293
	Torque testers and Accessories				296



Product overview of HAZET torque wrenches

	HAZET No.	Release accuracy		Measuring range
	5107-3 CT	± 4 %	6.3 1/4"	1–9 Nm
	5108-3 CT	± 3 %	6.3 1/4"	2.5–25 Nm
	5110-3 CT	± 3 %	10 3/8"	10–60 Nm
	5120-3 CT	± 3 %	12 ⁵ 1/2"	10–60 Nm
	5111-3 CT	± 3 %	10 3/8"	20–120 Nm
	5121-3 CT	± 3 %	12 ⁵ 1/2"	20–120 Nm
	5122-3 CT	± 3 %	12 ⁵ 1/2"	40–200 Nm
	5123-3 CT	± 3 %	12 ⁵ 1/2"	60–320 Nm
	5143-3 CT	± 3 %	12 ⁵ 1/2"	100–400 Nm
	5145-3CT	± 3 %	20 3/4"	300–800 Nm
	5290-3 CT	± 3 %	9 x 12	10–60 Nm
	5292-3 CT	± 3 %	14 x 18	40–200 Nm
	5121-2 CLT	± 4 %	12 ⁵ 1/2"	20–120 Nm
	5122-2 CLT	± 4 %	12 ⁵ 1/2"	40–200 Nm
	5123-2 CLT	± 4 %	12 ⁵ 1/2"	60–320 Nm
	5108 KV	± 6 %	10 3/8"	2–10 Nm
	5109 KV	± 4 %	10 3/8"	5–25 Nm
	5121 KV	± 4 %	12 ⁵ 1/2"	20–120 Nm
	6106-1 CT*	± 4 %	6.3 1/4"	1–6 Nm
	6108-1 CT*	± 2 %	6.3 1/4"	2–10 Nm
	6109-2 CT*	± 2 %	6.3 1/4"	4–40 Nm
	6110-1 CT*	± 2 %	10 3/8"	5–60 Nm
	6111-1 CT	± 2 %	10 3/8"	20–120 Nm
	6121-1 CT	± 2 %	12 ⁵ 1/2"	20–120 Nm
	6122-1 CT	± 2 %	12 ⁵ 1/2"	40–200 Nm
	6123-1 CT	± 2 %	12 ⁵ 1/2"	60–320 Nm
	6143-1 CT	± 2 %	20 3/4"	100–400 Nm
	6144-1 CT	± 2 %	20 3/4"	200–500 Nm
	6145-1 CT	± 2 %	20 3/4"	300–800 Nm
	6150-1 CT	± 3 %	20 3/4"	400–1000 Nm
	6160-1 CT	± 3 %	25 1"	600–1600 Nm
	6170-1 CT	± 4 %	25 1"	800–2000 Nm
	6114-1 CT*	± 3 %	10 3/8"	5–40 lbf.ft
	6115-1 CT	± 3 %	10 3/8"	20–100 lbf.ft
	6127-1 CT	± 3 %	12 ⁵ 1/2"	40–200 lbf.ft
	6128-1 CT	± 3 %	12 ⁵ 1/2"	50–250 lbf.ft
	6132-1 CT*	± 3 %	20 3/4"	120–600 lbf.ft

* = Without signal transmitter



	HAZET No.	Release accuracy		Measuring range
	6280-1 CT	± 2 %	9 x 12	2–10 Nm
	6282-1 CT	± 2 %	9 x 12	4–40 Nm
	6281-2 CT	± 4 %	9 x 12	5–13 Nm
	6290-1 CT*	± 2 %	9 x 12	5–60 Nm
	6291-2 CT	± 2 %	9 x 12	20–120 Nm
	6291-1 CT	± 2 %	14 x 18	20–120 Nm
	6292-1 CT	± 2 %	14 x 18	40–200 Nm
	6293-1 CT	± 2 %	14 x 18	60–320 Nm
	6294-1 CT	± 2 %	14 x 18	100–400 Nm
	6295-1 CT	± 2 %	14 x 18	200–500 Nm
	7280-2 sTAC	± 2 % / 1 digit	9 x 12 6.3 1/4"	1–10 Nm
	7281-2 sTAC	± 2 % / 1 digit	9 x 12 6.3 1/4"	2.5–25 Nm
	7290-2 sTAC	± 1 % / 1 digit	9 x 12 10 3/8"	5–60 Nm
	7291-2 sTAC	± 1 % / 1 digit	9 x 12 10 3/8"	10–100 Nm
	7292-2 sTAC	± 1 % / 1 digit	14 x 18 12.5 1/2"	20–200 Nm
	7294-2 sTAC	± 1 % / 1 digit	14 x 18 20 3/4"	40–400 Nm
	7295-2 sTAC	± 1 % / 1 digit	14 x 18 20 3/4"	65–650 Nm
	7250-2 sTAC	± 1 % / 1 digit	20 3/4"	200–1000 Nm
	7280-5 sTAC	± 2 % / 1 digit	9 x 12 6.3 1/4"	1–10 Nm
	7281-5 sTAC	± 2 % / 1 digit	9 x 12 6.3 1/4"	2.5–25 Nm
	7290-5 sTAC	± 1 % / 1 digit	9 x 12 10 3/8"	5–60 Nm
	7291-5 sTAC	± 1 % / 1 digit	9 x 12 10 3/8"	10–100 Nm
	7292-5 sTAC	± 1 % / 1 digit	14 x 18 12.5 1/2"	20–200 Nm
	7294-5 sTAC	± 1 % / 1 digit	14 x 18 20 3/4"	40–400 Nm
	7295-5 sTAC	± 1 % / 1 digit	14 x 18 20 3/4"	65–650 Nm
	7250-5 sTAC	± 1 % / 1 digit	20 3/4"	200–1000 Nm
	6001-1.4/3	± 10 %	6.3 1/4"	0.4–1.4 Nm
	6001-1.5/3	± 10 %	6.3 1/4"	0.6–1.5 Nm
	6001-3.0/3	± 6 %	6.3 1/4"	1.5–3 Nm
	6001-5.4/3	± 6 %	6.3 1/4"	3–5.4 Nm
	6002 CT	± 5 %	6.3 1/4"	10–120 cNm
	6003 CT	± 5 %	6.3 1/4"	100–600 cNm
	6391-10	± 6 %	9 x 12	1–10 Nm
	6391-12 (V)	± 2 %	9 x 12	2–12 Nm
	6391-25 (V)	± 2 %	9 x 12	2–25 Nm
	6391-35 (V)	± 2 %	9 x 12	15–35 Nm
	6391-50 (V)	± 2 %	9 x 12	5–50 Nm
	6391-85 (V)	± 2 %	9 x 12	15–85 Nm
	6392-200 (V)	± 2 %	14 x 18	50–200 Nm
	6392-320 (V)	± 2 %	14 x 18	60–320 Nm



Pictogram key

<i>b</i>	Width in mm
<i>a</i>	Height in mm
<i>l</i>	Length in mm
<i>s</i>	Wrench size in mm or inches
	TORX® Size in mm
	Actuating force in kg
	For inside hexagon screws
	For outside hexagon screws
	For inside TORX® screws

	TRACTION PROFILE 6-point
	TRACTION PROFILE 12-point
	Nominal size 6.3
	Nominal size 10
	Nominal size 12.5
	Nominal size 20
	Nominal size 25
	Inside square
	Outside square

	Inside hexagon
	Outside hexagon
	Female connection 9 x 12 mm in torque wrenches
	Female connection 14 x 18 mm in torque wrenches
	Number of teeth
	Rotation angle
	Scale graduation

The HAZET Service Centre

Direct contact and coordination point for services for all of our products



- In our specially equipped Service Centre, you can receive the best aftersales service with short response times and the complete HAZET competence.
- Mainly the HAZET Service Centre provides you with the following services:
 - Repair, adjustment, calibration and certification of HAZET torque wrenches
 - All service tasks on HAZET torque wrenches, pneumatic tools, tool trolleys and the rest of the catalogue programme
 - Short response times
 - Contact partner in service matters

HAZET-WERK
Service-Center
Güldenwerth Bahnhofsstraße 25 - 29
42857 Remscheid

1. PDF-Formular vollständig ausfüllen und anschließend ausdrucken
2. Ausgefülltes Formular für Ihren Brief einlegen
3. Brief sorgfältig verpacken, um Transportschäden zu vermeiden
4. Paket zutreffend kennzeichnen (1) WERK • Remscheid versenden

Bitte Angabe Name, telefonische oder elektronische Anrede

HAZET-WERK
Service-Center
Güldenwerth Bahnhofsstraße 25 - 29
42857 Remscheid

Lieferadresse Nr.:
Postleitzahl:
Ort:
Rechnungsempfänger:
Warenrücksendung an:
Sehr geehrte Damen und Herren,
anbei erhalten Sie folgende Werkzeuge zur Rückaktion:
Anzahl Artikel-Nr. Seriennummer(n) Rückgabetermin

Durch HAZET Service-Center auszufüllen
Eingangsstempel:
Meldungsnummer

42857 Remscheid
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© 2020 HAZET-WERK, Unternehmerricht und Prüfstempel





HAZET – Competence for calibration of torque and rotation angles

Accredited according to DIN EN ISO/IEC 17025 for measured values:

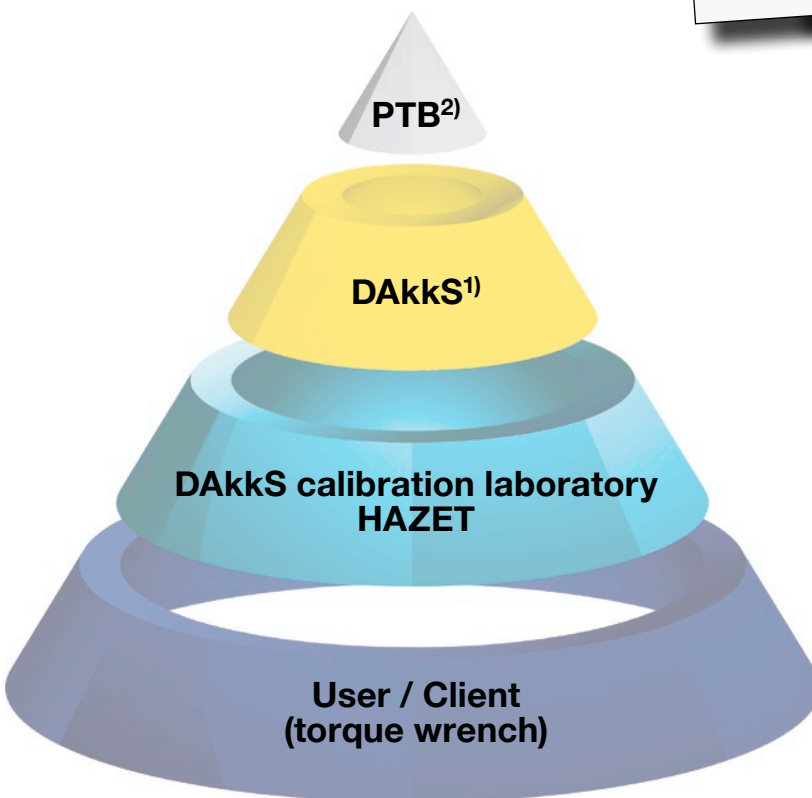
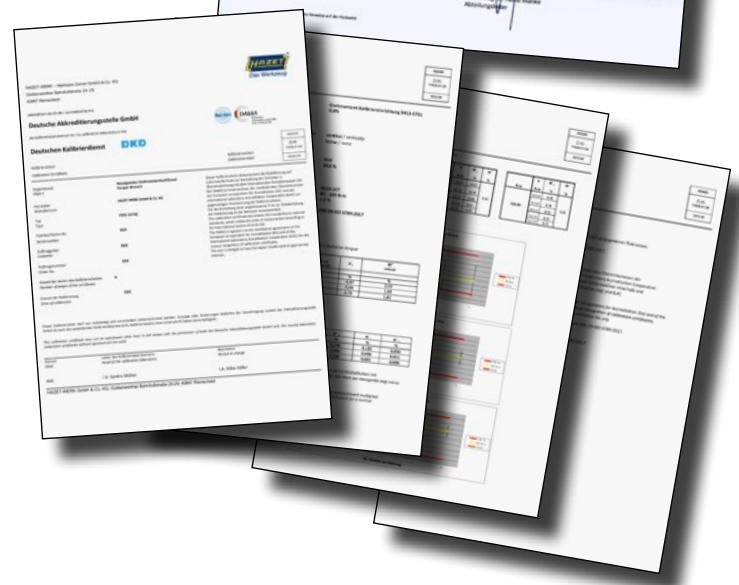
- Torque (DIN EN ISO 6789-2:2017)
- Rotation angle (VDI/VDE 2648 page 2; without item 4.2)

Complies with special demands of ISO/TS 16949 for calibration laboratories

(mandatory requirement for all suppliers of the automotive industry)

HAZET-owned calibration laboratory guarantees optimal technical calibration competence by accreditation

Authorised to issue calibration certificates



Deutsche Akkreditierungsstelle
D-K-17638-01-00

1) DAkkS: Deutsche Akkreditierungsstelle GmbH (Nat. accreditation body for the Federal Republic of Germany, Berlin)

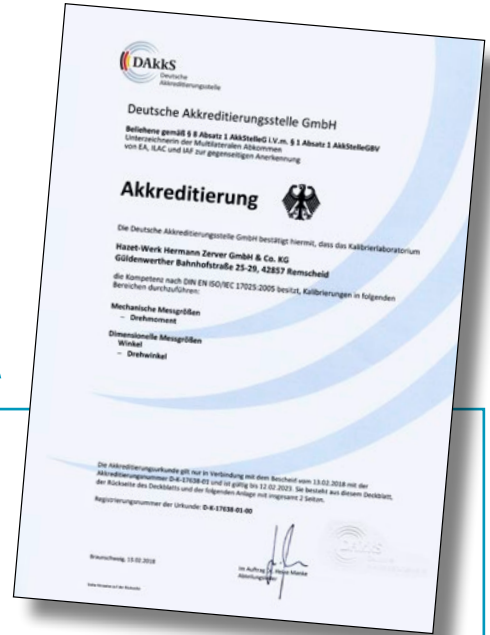
2) PTB: Physikalisch Technische Bundesanstalt (PTB is the national metrology institute providing scientific and technical services)



DAkkS calibration laboratory Competence for calibration of torque and rotation angles



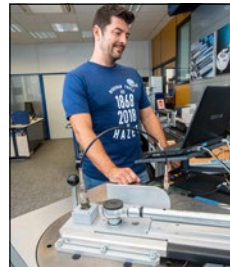
Deutsche
Akkreditierungsstelle
D-K-17638-01-00



Do you know?



- Accredited according to DIN EN ISO/IEC 17025 for measured values:
 - **Torque** (DIN EN ISO 6789-2:2017)
 - **Rotation angle** (VDI/VDE 2648 page 2; without item 4.2)
- Complies with special demands of ISO/TS 16949 for calibration laboratories (mandatory requirement for all suppliers of the automotive industry)
- HAZET-owned calibration laboratory guarantees optimal technical calibration competence by accreditation
- Authorised to issue calibration certificates



New wrenches with DAkkS calibration certificate

6106-1 CT CAL	6143-1 CT CAL	6290-1 CT CAL	7291-1 eTAC CAL	7280-2 sTAC CAL
6108-1 CT CAL	6144-1 CT CAL	6291-2 CT CAL	7292-1 eTAC CAL	7281-2 sTAC CAL
6109-2 CT CAL	6145-1 CT CAL	6291-1 CT CAL	7294-1 eTAC CAL	7290-2 sTAC CAL
6110-1 CT CAL	6150-1 CT CAL	6292-1 CT CAL	7291-2 eTAC CAL	7291-2 sTAC CAL
6111-1 CT CAL	6160-1 CT CAL	6293-1 CT CAL	7292-2 eTAC CAL	7292-2 sTAC CAL
6121-1 CT CAL	6280-1 CT CAL	6294-1 CT CAL	7294-2 eTAC CAL	7294-2 sTAC CAL
6122-1 CT CAL	6282-1 CT CAL	6295-1 CT CAL		7295-2 sTAC CAL
6123-1 CT CAL	6281-2 CT CAL			7250-2 sTAC CAL

- DAkkS calibration for existing wrenches now possible



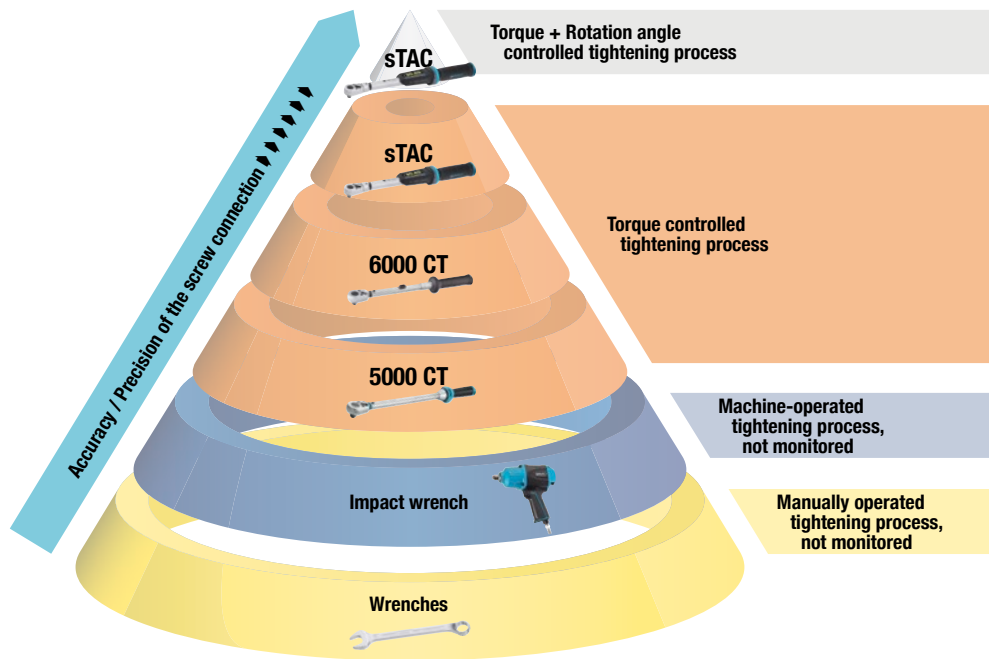
...with the highest safety for the professional user, especially for:

- Aviation industry
- Automobile industry
- New-energy, wind turbines, offshore wind farms
- Petrochemical industry (oil/gas)

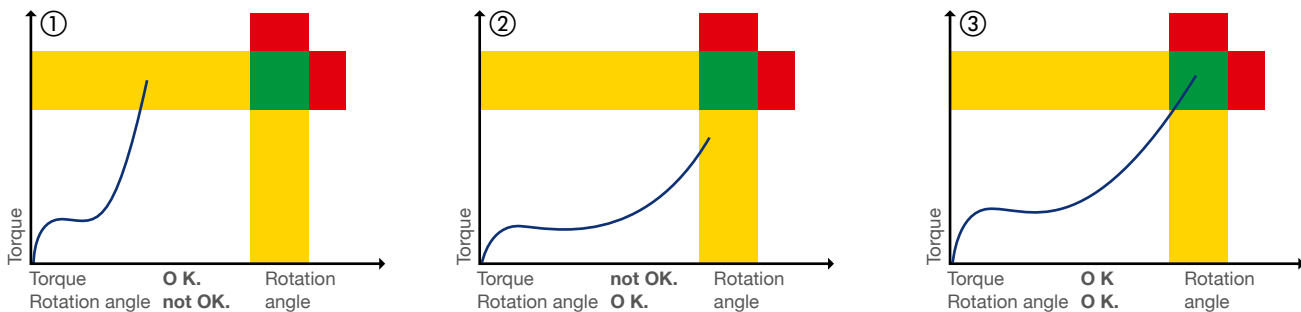
Documented traceability guarantees complete verifiability!



Increased screw connection quality through improvement in the screw tightening



The complete screw connection is only OK if the torque and rotation angle are both OK (Fig. ③)



Important: In particular for the joints using threaded fasteners of the category A (according to VDI guideline 2862), e.g. belt, airbag or rotor blades for wind energy plants!

Figure 1:
The torque is reached, but the rotation angle isn't. – Possible causes:

- Use of an incorrect screw that is too long.
- The component to be screwed is too thin, screw or nut is stuck in the end of the thread.
- The head and / or thread friction are too high because the surfaces are too rough and the screw has possibly "jammed", for example. The coating of the screw is not correct because a screw with a different coating was used or the coating is incomplete. There is not sufficient lubrication or an incorrect lubricant has been used.
- Screw or thread is damaged.
- Thread is incorrectly cut and not deep enough.
- There are chips from the thread cutting in the blind hole.
- A washer or a seal has been forgotten and the screw is in place.

Figure 2:
The rotation angle is reached, but the torque isn't. – Possible causes:

- Use of an incorrect screw that is too short and the thread has been ripped out.
- Use of an incorrect screw with insufficient strength.
- The head and / or thread friction are too low because the screw coating is incorrect.
- Use of an incorrect screw.
- Use of an incorrect lubricant.
- The screw or the thread is damaged or the thread has been ripped out.
- Installation of an incorrect seal that is too soft.



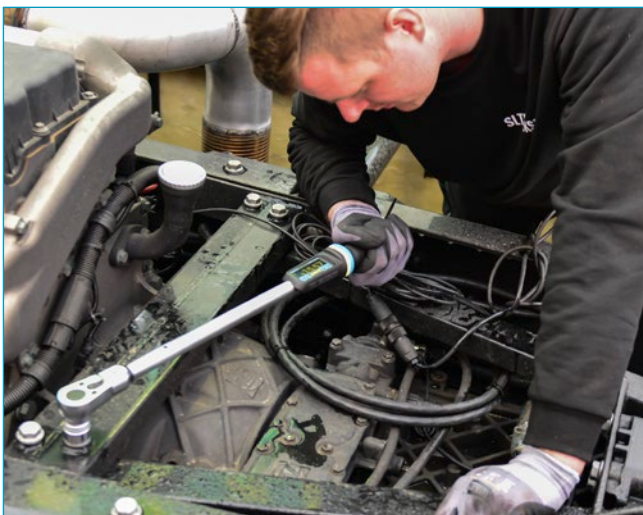
STAC

SYSTEM 7000 sTAC

Electronic torque wrench with built-in angle gauge for high-precision screwing applications with Smart technology – Ready for Industry 4.0



Made in Germany

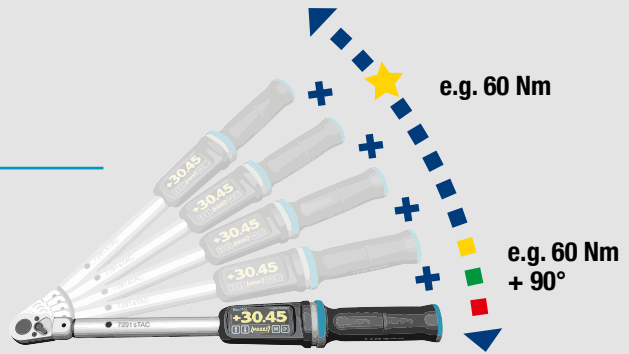




Torque

+ Rotation angle

= One work step!



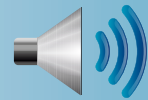
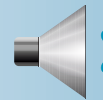
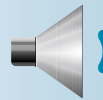
4 times signaling for optimal screwing progress monitoring

Type of signal

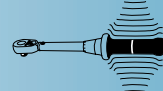
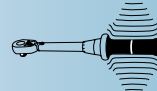
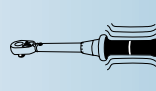
2 x Visual synchronous numerical display + 360° LED display



+ Audible



+ Vibration

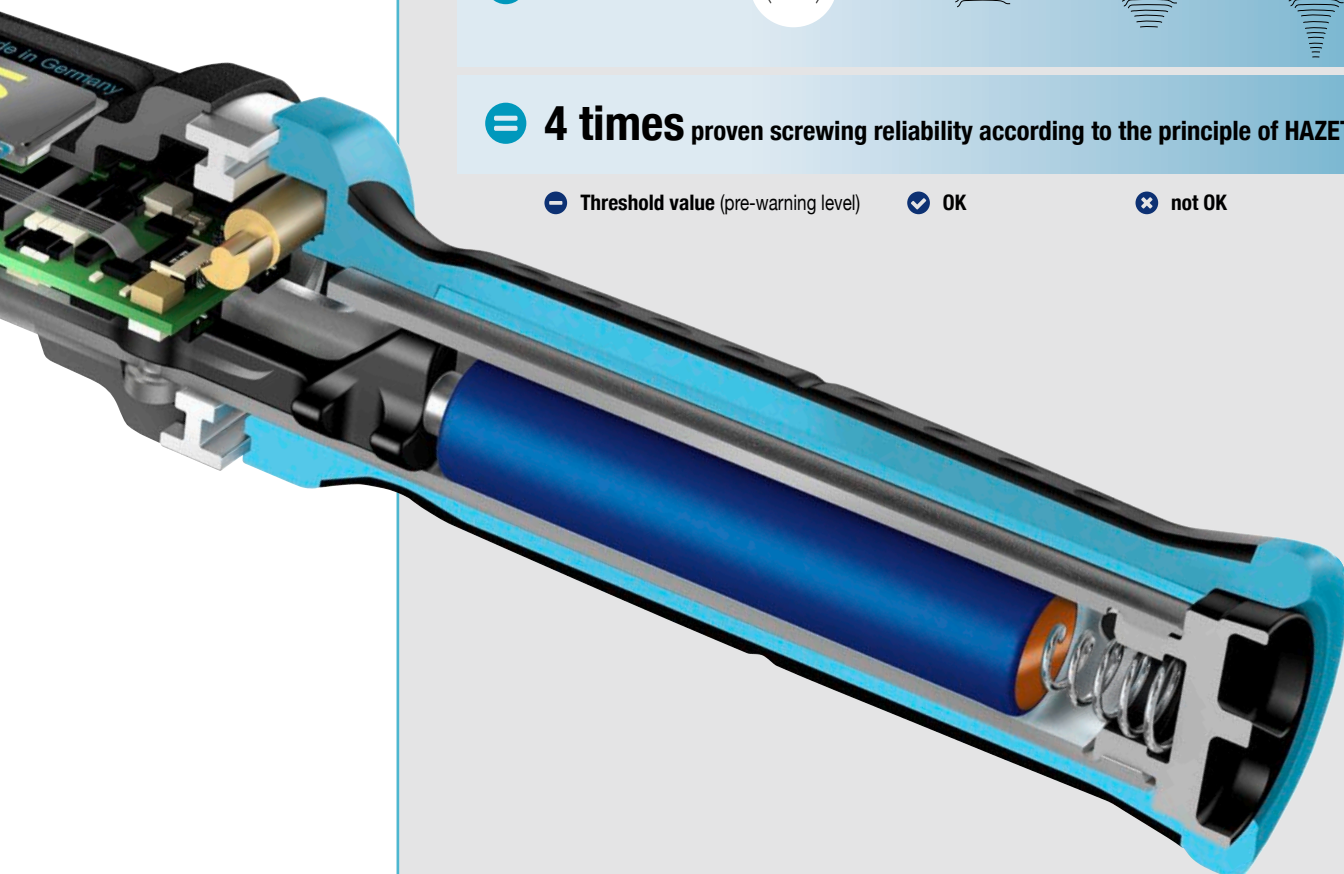


= 4 times proven screwing reliability according to the principle of HAZET!

- Threshold value (pre-warning level)

✓ OK

✗ not OK





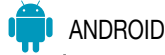
SmartTAC SYSTEM 7000 sTAC

Electronic torque wrench with built-in angle gauge for highly precise screwing applications with Smart technology – Ready for Industry 4.0

HAZET Smart Technology consisting of the optional SmartTAC app and Bluetooth Low Energy interface (may be subject to national approval restrictions) with flawless live data exchange to display the screwing process on mobile end devices such as smartphones (Smartwatch) and tablet PCs as well as via a USB-C interface for programming the torque wrench with built-in angle gauge and documentation of the screwing data via laptop and PC.

All sTAC torque wrenches with built-in angle gauges can also be used autonomously, without SmartTAC app.

SmartTAC Apps available for:





Strong features

- For high-precision screw connections with torque/ rotation angle calling for high accuracy or mandatory documentation, e.g. engine components especially cylinder head bolts, machine construction with increased requirements (including robot technology etc.)
- **Unique ergonomic, user-oriented HAZET design of entire tool for professional use**
- **Protection rating IP 40**, Spray-water-proof display and membrane keyboard
- Tested in accordance with DIN EN ISO 6789-2:2017
- **USB-C interface** for programming torque wrenches with built-in angle gauge and for documentation of the screwing data via laptop and PC
- Including standard **replaceable Li ion rechargeable battery**, type 14650 / 3.7 Volt, can be charged directly on the tool via USB-C connector
- Including 1 metre USB 3.1 / A-C cable



Ergonomic HAZET design



IP 40
Spray-water-proof



8 sizes for torque ranges of 1 – 1,000 Nm



Made in Germany



Torque wrenches SYSTEM 6000 CT

High-precision premium torque tools – For the highest demands!

- Torque ranges: 1 – 2000 Nm
- Accuracy $\pm 2\%$ of the scale value (in direction of actuation) according to DIN EN ISO 6789-2:2017 (3 %: 6150-1 CT, 6160-1 CT / 4 %: 6106-1 CT, 6170-1 CT)
- Accuracy $\pm 3\%$ of the scale value according to US standards: 6114-1 CT up to 6132-1 CT
- Tested, with calibration certificate and serial number
- Knob for additionally locking the set value
- Square according to DIN 3120, ISO 1174-1
- Individual serial number
- Reversible ratchets **6.3 1/4 10 3/8 12 1/2 20 3/4 25 1"**
- Ergonomically shaped
- Safety:
 - Haptic (close-gap release)
 - Audible ("click" sound)
 - Optical (signal transmitter, depending on model)



Also available with DAkkS calibration certificate

...with the highest safety for the professional user, especially for:

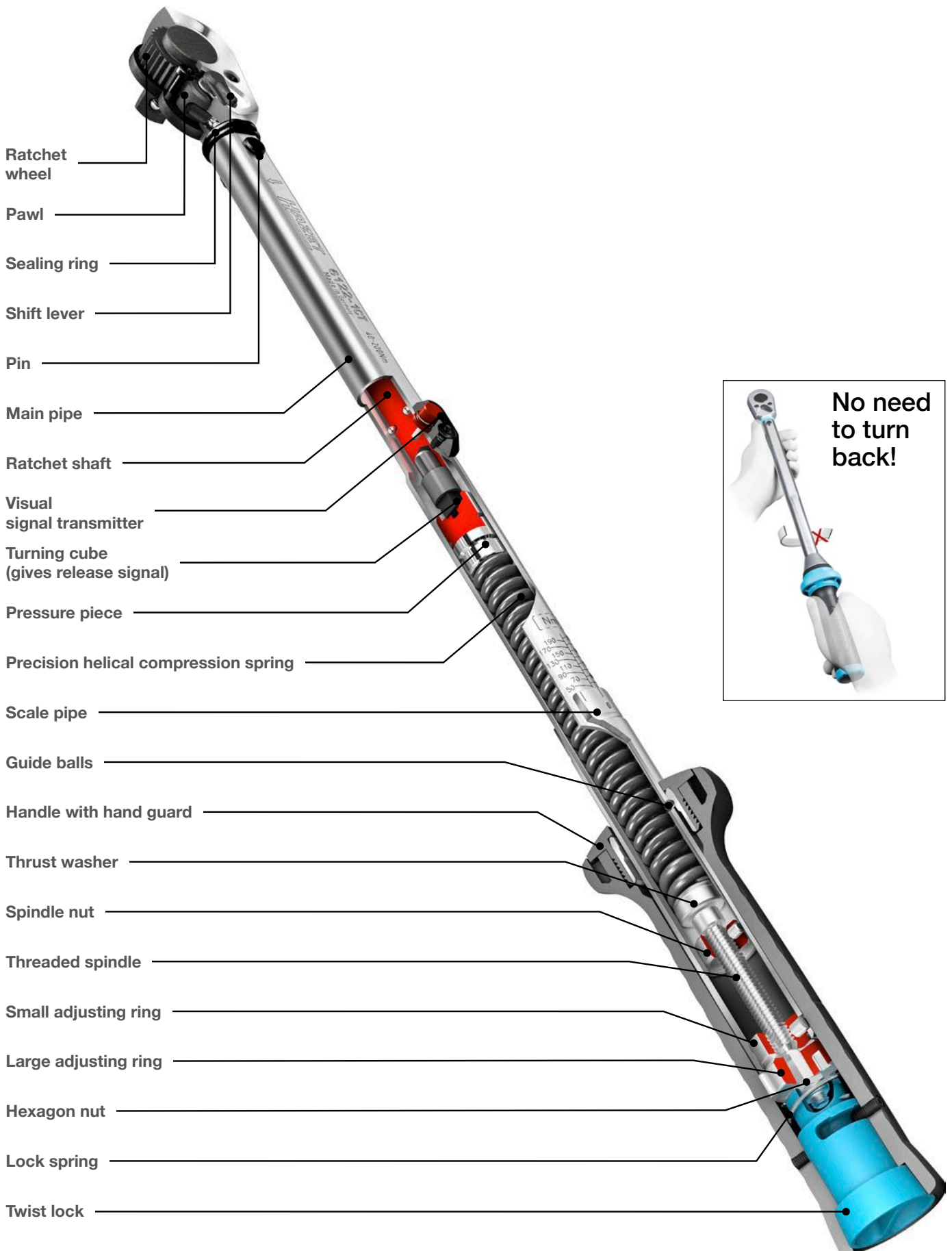
- Aviation industry
- Automobile industry
- New-energy, wind turbines, offshore wind farms
- Petrochemical industry (oil/gas)

Documented traceability guarantees complete verifiability!



Quality through and through

Cutaway view of a HAZET torque wrench 6000 CT



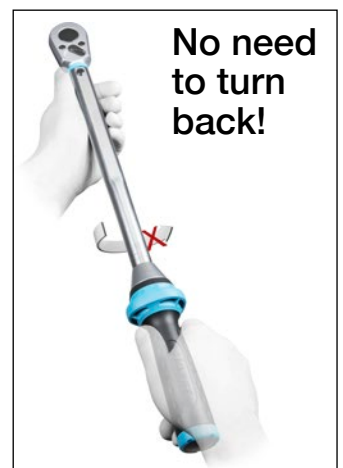


Torque wrenches SYSTEM 5000-3 CT

Our workshop classics – well equipped for the future.

The third generation 500-3 CT series

- Expanded measuring range of the series through increased market requirements **1 – 800 Nm**
- Square drive of reversible ratchets (according to wrench size): **6.3 1/4 10 3/8 12.5 1/2 20 3/4**
- **Accuracy ± 3%** of scale value (in direction of actuation) (5107-3 CT ± 4 % release accuracy tolerance)
- Designed for rough workshop use
- Wider range of applications for controlled screw tightening in tyre service, bicycle, passenger car and commercial vehicle applications as well as various applications in trade and industry.
- Optimised sealing ring to protect optimally against debris
- Tested in accordance with DIN EN ISO 6789-2:2017
- Ratchet repair set for customer-oriented self-assembly enables decades of use
- Adjustment aid with detent points for optimised operator guidance ensures safe and fast adjustment of the desired torque value by turning the handle
- Can be attached to the cable loop through openings on the locking rotary assembly
- Integrated shift lever
- With calibration certificate and serial number
- Delivery in sturdy Hexa plastic box

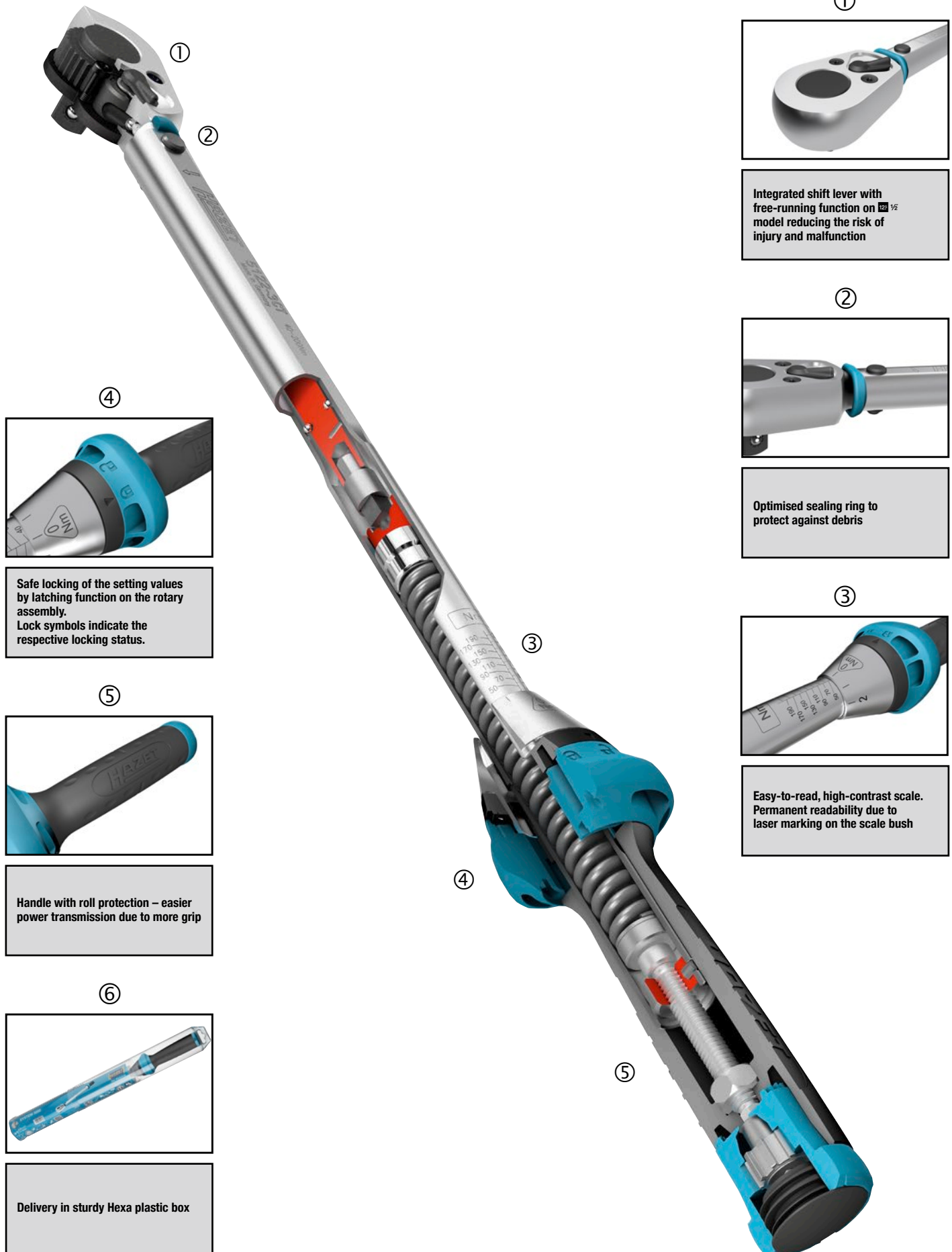




Torque Technology



Always the right tool for the right “turn” at the right “moment”!

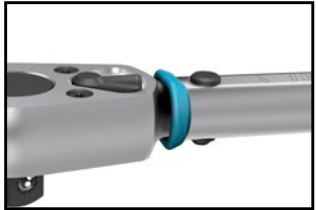


①



Integrated shift lever with free-running function on $\frac{1}{2}$ model reducing the risk of injury and malfunction

②



Optimised sealing ring to protect against debris

③



Easy-to-read, high-contrast scale. Permanent readability due to laser marking on the scale bush

①

②

④



Safe locking of the setting values by latching function on the rotary assembly. Lock symbols indicate the respective locking status.

⑤



Handle with roll protection – easier power transmission due to more grip

⑥



Delivery in sturdy Hexa plastic box



Insert torque wrenches

Universal in scope – with the best intentions

The use of over 100 insert tools allows any challenge to be mastered!

SYSTEM 5200-3 CT

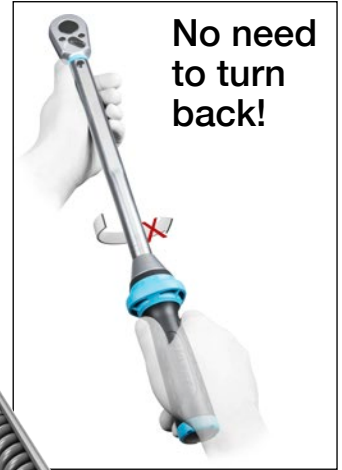
- Torque ranges: 10–200 Nm
- **Accuracy $\pm 3\%$ of scale value**
- Tested in accordance with DIN EN ISO 6789-2:2017
- With calibration certificate and serial number
- Handle of the 5000-3 CT series
 - Detent point for rapid adjustment of the torque value
 - Can be attached to the cable loop
- Insert square 9×12 or 14×18 to hold insert tools

SYSTEM 6200-1 CT

- Torque ranges: 2–500 Nm
- **Accuracy $\pm 2\%$ of scale value**
- Tested in accordance with DIN EN ISO 6789-2:2017
- With calibration certificate and serial number
- All advantages of the 6000 CT series
- Insert square 9×12 or 14×18 to hold insert tools

SYSTEM 6300

- With permanently adjustable value – especially suitable **for application in industrial series production**
- Without setting scale and signal transmitter
- **Repeat accuracy after 5,000 tightening operations $\pm 2\%$ (6391-10 $\pm 6\%$)**
- Automatic close-gap release – reaching the set value is signaled palpably and audibly
- Torque function only for right-hand thread
- Adjusting the desired torque value with adjustment wrench 6399 together with torque tester – e.g. HAZET 7901 E, 7902 E or 7903 E
Unauthorised adjustment is thereby prevented
- Torque ranges: 1–320 Nm
- Tested in accordance with DIN EN ISO 6789-2:2017
- With calibration certificate and serial number
- Insert square 9×12 or 14×18 to hold insert tools



No need to turn back!





Insert tool holders



Data for effective length of torque wrenches with (different) insert tool holders

MDE = Torque to be selected

MDV = Prescribed torque

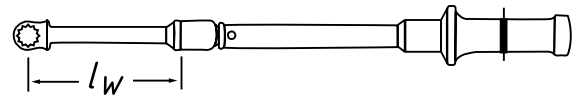
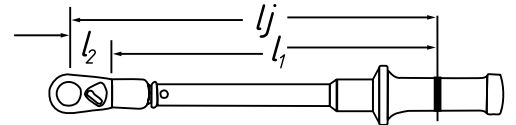
l_j = Standard length adjustment with adjusting tool

l_1 = Effective torque wrench length

l_2 = Gauge dimension of adjusting tool

l_w = Gauge dimension of extended insert tool holder

$$MDE = \frac{(l_1 + l_2) \times MDV}{l_1 + l_w}$$



Formula: Torque correction factor for change in effective length

HAZET torque wrenches are adjusted/calibrated with the " l_2 insert dimensions".
If other insert tool holders are used, then the formula must be observed.

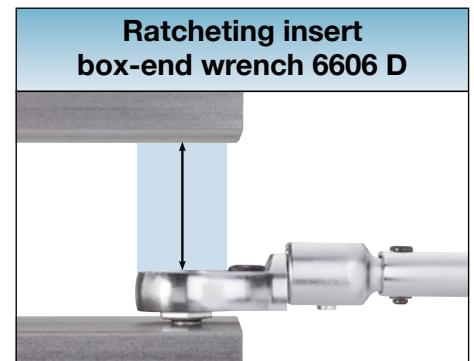
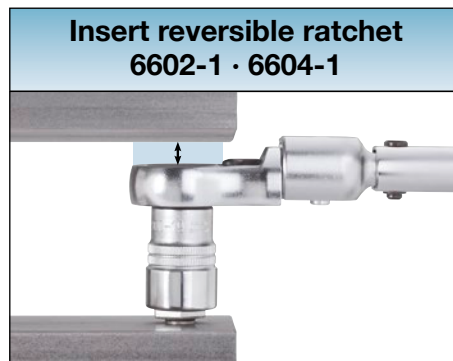
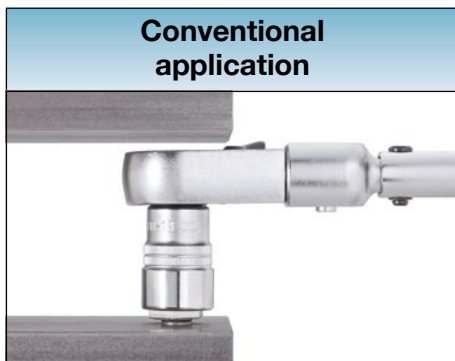
Dimensions of the various HAZET torque wrenches:

HAZET No.	l_1 mm	Adjusted with HAZET No.	l_2 mm
6280-1 CT	140	6401-1 (S)	19,5
6281-2 CT	99	6401 N	17,5
6282-1 CT	200	6401-1 (S)	19,5
6290-1 CT	245	6402-1 (S)	30
6291-1 CT	330	6404-1 (S)	38,5

HAZET No.	l_1 mm	Adjusted with HAZET No.	l_2 mm
6291-2 CT	312	6402-1 (S)	30
6292-1 CT	432	6404-1 (S)	38,5
6293-1 CT	547	6404-1 (S)	38,5
6294-1 CT	649,2	6406	44
6295-1 CT	893,2	6406	44

HAZET No.	l_1 mm
6391-10 (V)	102
6391-12 (V)	102
6391-25 (V)	143
6391-35 (V)	143

HAZET No.	l_1 mm
6391- 50 (V)	201
6391- 85 (V)	276
6392-200 (V)	359
6392-320 (V)	589



Torque screwdriver

Fine feeling – for the smallest of torque values

- Application with standard $6.3 \frac{1}{4}$ bits (e.g. HAZET 2204 to 2225) as well as by using the 2304 adapter with $6.3 \frac{1}{4}$ sockets
- Torque ranges: 0.1 – 6 Nm
- Accuracy (of scale value) $\pm 5\%$ (6002 CT and 6003 CT) or $\pm 6-10\%$ for 6001 series





Torque wrenches SYSTEM 5000 CLT, Click-Lens-Type

The "Classic Workshop Tool", easy to read

- Torque ranges: 20–320 Nm
- Click-Lens-Type (CLT) with value readout in the display guarantees security for the user
- Release accuracy tolerance (in direction of actuation)
± 4 % of the scale value according to DIN EN ISO 6789-2:2017
- Torque release
 - palpable – by automatic close-gap release
 - audible – by click-sound

With serial number
and calibration certificate



12⁵ 1/2

No need to turn back!

①
User-friendly reversible ratchet
Service friendly (do-it-yourself repair sets for ratchets available)
No risk of losing the square like there is with sliding ratchets

③
Hard chrome-plated steel tube – slim, but very sturdy and wear-resistant

②
Integrated shift lever with free-running function on 12⁵ 1/2 model reducing the risk of injury and malfunction

④
Ergonomically shaped handle with collar reducing the risk of slipping-off and injury
Safe and fast adjustment of the desired torque value by turning the handle

⑥
Click-Lens-Type (CLT)
• Safe and exact adjustment of the desired release torque.
Optimal and easy reading of the torque value
• Three large digits for an easy-to-read torque setting
• Large convex display (replaceable) prevents reading errors

⑤
Safe locking at the handle

– Safe in safe box with display window! –

Awarded with the

Made in Germany

272

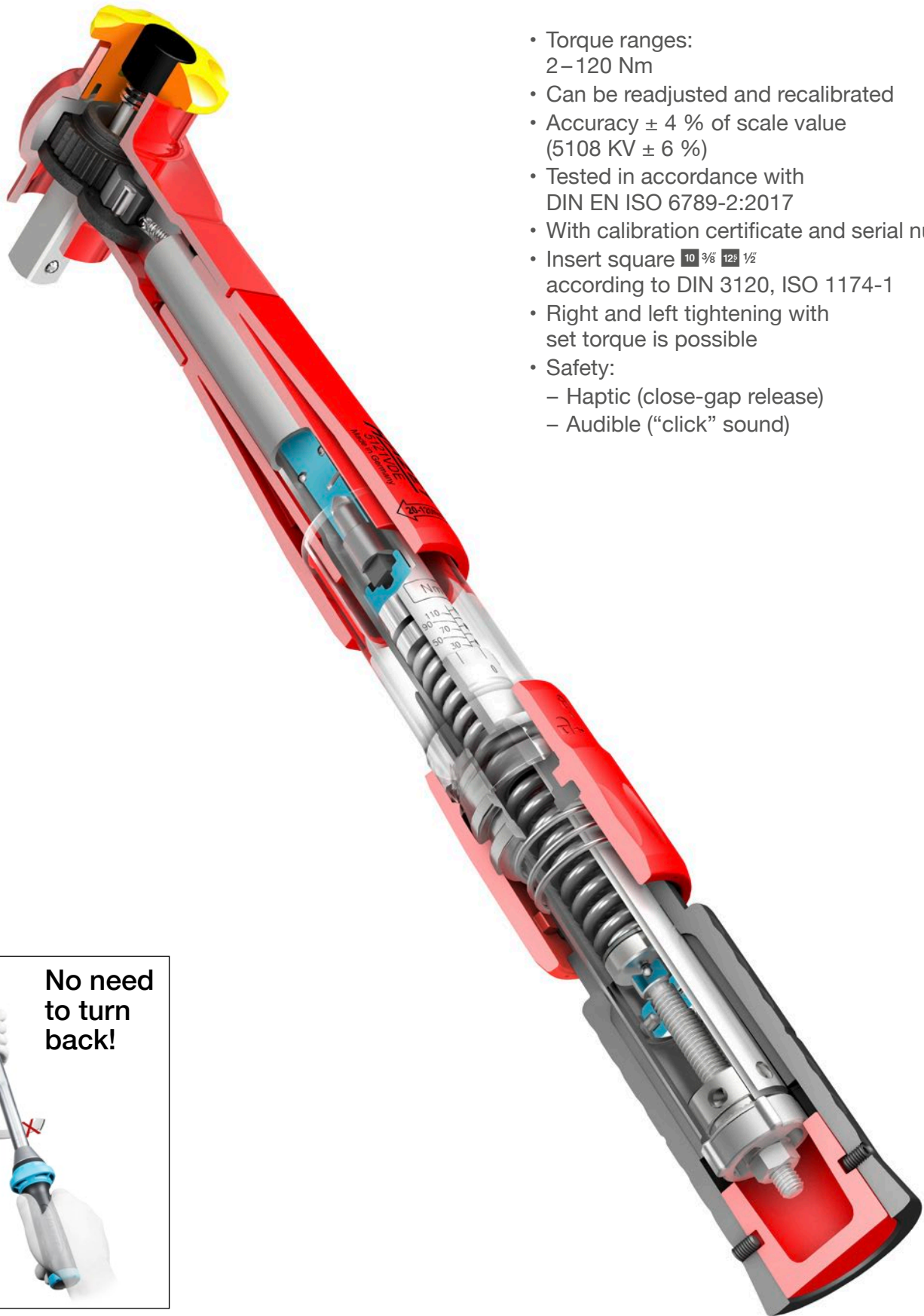
Valid until December 31, 2021

Components and spare parts from page 482 to 490

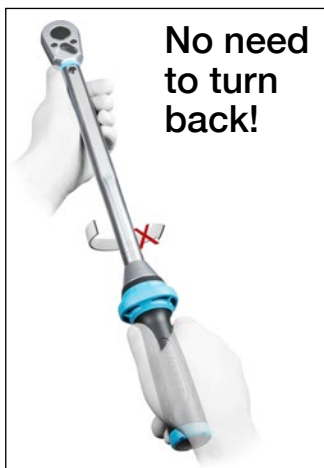


Torque wrenches System 5000 KV

With protective insulation – for safe application up to 1000 volts



- Torque ranges:
2–120 Nm
- Can be readjusted and recalibrated
- Accuracy $\pm 4\%$ of scale value
(5108 KV $\pm 6\%$)
- Tested in accordance with
DIN EN ISO 6789-2:2017
- With calibration certificate and serial number
- Insert square $10\ 3/8\ 12\ 1/2$
according to DIN 3120, ISO 1174-1
- Right and left tightening with
set torque is possible
- Safety:
 - Haptic (close-gap release)
 - Audible (“click” sound)





Conversion

Conversion factors of torque values

Conversion formula:
Given unit x factor = Desired unit

Example:
Conversion from: 20 lbf.ft to Nm
 $20 \times 1.356 = 27.12 \text{ Nm}$

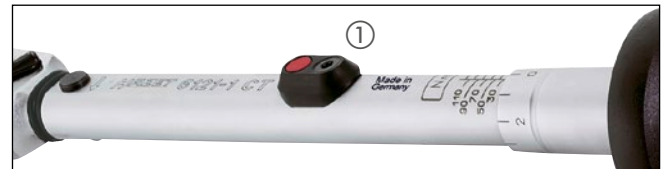
Given unit	Desired unit						
	mNm	cNm	Nm	kpm	ozf.in	lbf.in	lbf.ft
1 mNm	1	0.1	0.001	0.0001	0.142	0.009	0.0007
1 cNm	10	1	0.01	0.001	1.416	0.088	0.007
1 Nm	1000	100	1	0.102	141.6	8.851	0.738
1 kpm	9807	980.7	9.807	1	1389	86.8	7.233
1 ozf.in	7.062	0.706	0.007	0.0007	1	0.0625	0.005
1 lbf.in	113	11.3	0.113	0.0115	16	1	0.083
1 lbf.ft	1356	135.6	1.356	0.138	192	12	1

Design and Function

- In action, a HAZET torque wrench signals when it has attained the set torque
 - audibly by clicking,
 - palpably by automatic close-gap release
 - visibly by the red signal transmitter jutting out ① (depending on model)
- Then the working procedure must be stopped immediately!
- The greater the set torque, the stronger the audible and palpable signals.

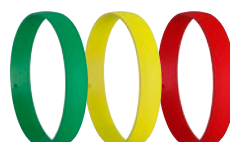
Pipes hardened and hard chrome-plated

- Optimised: weight / wall thickness
- Robust and protected surface



Application examples for coding rings:

- **Fast detection of individually set Nm ranges**, e.g. green = always 250 Nm
- **Recognition of particular departments/work areas or people**
e.g. red = maintenance/repair department
- **Fast identification the various torque wrenches**
e.g. Yellow = HAZET 6160-1CT (2 pieces); Red = HAZET 6170-1CT (3 pieces)
- **Clear allocation of defined work**, e.g. tools marked with red = work 1, Tools marked with green = work 2



Incl. 3 further coloured coding rings for personalisation or identifying workflows



Functionality of torque wrench handles

- Unlocking
- Slide the handle forward approximately 8 mm and gently turn it in the desired direction
- After engaging the handle, continue turning it to the desired torque (without pressing)
- Turn the handle back a little bit
- Locking



Twist lock

● = Ready to be set / NOT usable
(Setting not complete)



Twist lock

● = Ready for work / usable

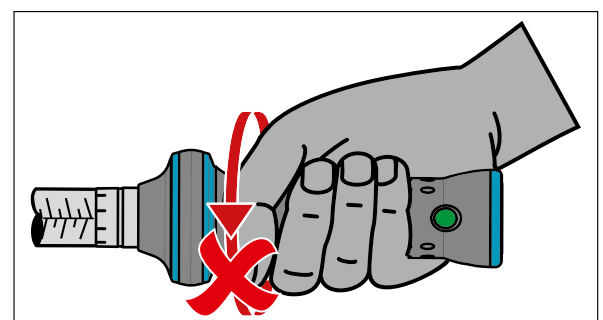


ATTENTION: Twist lock = RED – do not use, unintended torque variation is possible!

Product group	Unlocking	Setting	Locking
5000 VDE	Retracting the locking sleeve	Turn handle until the desired value is reached on the scale	Releasing the locking sleeve
5000-3 CT	Turn rotary assembly to the right	Turn handle until the desired value is reached on the scale	Turn rotary assembly to the left
5000 CLT	Turn lock to the right	Push handle forwards and turn until the desired value is reached in the viewing window	Turn lock to the left
6106-1 CT – 6109-2 CT	Retracting the locking sleeve	Turn handle until the desired value is reached on the scale	Releasing the locking sleeve
6110-1CT – 6170-1 CT	Turn lock to the right	Push handle forwards and turn until the desired value is reached on the scale	Turn lock to the left
6280-1 CT – 6281-2 CT	Retracting the locking sleeve	Turn handle until the desired value is reached on the scale	Releasing the locking sleeve
6290-1 CT – 6295-1 CT	Turn lock to the right	Push handle forwards and turn until the desired value is reached on the scale	Turn lock to the left

No need to turn back

Continuous long-term tests on the 5000 series and 6000 series of HAZET torque wrenches have demonstrated that turning them back to the smallest scale value is not required





Tightening torque for DIN 912 screws according to strength classes for coarse thread

Dimension	Wrench size	Insert tools			Pre-loading force (kN)						Tightening torque (Nm)					
					Strength class						Strength class					
					4.6	5.6	6.8	8.8	10.9	12.9	4.6	5.6	6.8	8.8	10.9	12.9
M 2x0,40	4	-	-	-	0,338	0,422	0,675	0,901	1,267	1,52	0,13	0,163	0,261	0,348	0,489	0,587
M 3x0,50	5,5	-	-	-	0,845	1,056	1,689	2,253	3,168	3,801	0,48	0,6	0,961	1,281	1,801	2,161
M 4x0,70	7	9x12	-	-	1,463	1,829	2,927	3,902	5,487	6,585	1,115	1,393	2,229	2,972	4,18	5,016
M 5x0,80	8	9x12	-	-	2,395	2,994	4,79	6,387	8,982	10,778	2,261	2,827	4,523	6,03	8,48	10,176
M 6x1,00	10	9x12	-	-	3,379	4,224	6,758	9,011	12,671	15,205	3,843	4,803	7,685	10,247	14,41	17,292
M 8x1,25	13	9x12	14x18	-	6,202	7,753	12,404	16,539	23,258	27,909	9,349	11,686	18,698	24,931	35,059	42,07
M 10x1,50	17	9x12	14x18	-	9,876	12,345	19,752	26,336	37,034	44,441	18,54	23,18	37,09	49,45	69,54	83,44
M 12x1,75	19	9x12	14x18	-	14,4	18	28,801	38,401	54,001	64,801	32,37	40,46	64,74	86,32	121,38	145,66
M 14x2,00	22	-	14x18	-	19,775	24,719	39,551	52,734	74,158	88,989	51,77	64,71	103,54	138,06	194,14	232,97
M 16x2,00	24	-	14x18	-	27,221	34,027	54,443	72,591	102,08	122,497	80,62	100,77	161,24	214,98	302,32	362,78
M 18x2,50	27	-	14x18	-	33,078	41,347	66,155	88,207	124,041	148,85	111,09	138,86	222,17	296,23	416,58	499,89
M 20x2,50	30	-	14x18	-	42,534	53,167	85,067	113,423	159,501	191,401	157,46	196,82	314,91	419,88	590,46	708,55
M 22x2,50	32	-	14x18	21/26	53,175	66,469	106,35	141,8	199,406	239,288	215,1	268,9	430,2	573,7	806,7	968
M 24x3,00	36	-	14x18	21/26	61,248	76,56	122,497	163,329	229,681	275,617	272,1	340,1	544,2	725,6	1020,3	1224,4
M 27x3,00	41	-	14x18	21/26	80,67	100,837	161,339	215,119	302,512	363,014	399,9	499,9	799,9	1066,5	1499,7	1799,7
M 30x3,50	46	-	-	21/26	98,027	122,533	196,054	261,405	367,6	441,12	541,7	677,2	1083,4	1444,6	2031,5	2437,7
M 33x3,50	50	-	-	-	122,241	152,801	244,482	325,976	458,404	550,084	738,5	923,2	1477,1	1969,4	2769,5	3323,4
M 36x4,00	55	-	-	-	143,413	179,266	286,826	382,434	537,798	645,358	948	1185	1896	2528	3555	4265,9
M 39x4,00	60	-	-	-	172,42	215,525	344,839	459,786	646,574	775,888	1229	1536	2457	3276	4607	5529
M 42x4,50	65	-	-	-	197,407	246,758	394,813	526,417	740,275	888,329	1519	1899	3038	4050	5696	6835
M 45x4,50	70	-	-	-	231,206	289,007	462,412	616,549	867,022	1040,426	1898	2373	3796	5062	7118	8541
M 48x5,00	75	-	-	-	280,008	325,01	520,015	693,354	975,029	1170,035	2282	2853	4565	6086	8559	10271
M 52x5,00	80	-	-	-	312,056	390,07	624,112	832,149	1170,209	1404,251	2954	3692	5907	7876	11076	13292
M 56x5,50	85	-	-	-	359,843	449,804	719,689	959,581	1349,411	1619,293	3672	4591	7345	9793	13772	16526
M 60x5,50	90	-	-	-	420,651	525,813	841,301	1121,735	1577,44	1892,928	4582	5728	9164	12219	17183	20619
M 64x6,00	95	-	-	-	475,86	594,825	951,72	1268,96	1784,476	2141,371	5536	6920	11071	14762	20759	24911
M 68x6,00	100	-	-	-	545,427	681,784	1090,855	1454,473	2045,353	2454,423	6720	8400	13440	17919	25199	30239

Tightening torque for DIN 912 screws according to strength classes for fine pitch thread

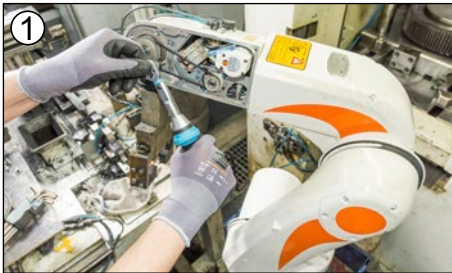
Dimension	Wrench size	Insert tools			Pre-loading force (kN)						Tightening torque (Nm)					
					Strength class						Strength class					
					4.6	5.6	6.8	8.8	10.9	12.9	4.6	5.6	6.8	8.8	10.9	12.9
M 8x1,00	13	9x12	14x18	-	6,805	8,507	13,611	18,148	25,52	30,624	10,08	12,6	20,15	26,87	37,79	45,35
M 10x1,25	17	9x12	14x18	-	11,418	14,272	22,835	30,447	42,816	51,379	20,83	26,04	41,66	55,55	78,11	93,73
M 12x1,50	19	9x12	14x18	-	15,312	19,14	30,624	40,832	57,42	68,904	34,01	42,51	68,02	90,69	127,54	153,05
M 14x1,50	22	-	14x18	-	21,934	27,418	43,868	58,491	82,253	98,703	56,25	70,32	112,51	150,01	210,96	253,15
M 16x1,50	24	-	14x18	-	29,741	37,177	59,483	79,31	111,53	133,836	86,5	108,12	172,99	230,66	324,36	389,23
M 18x1,50	27	-	14x18	-	38,733	48,417	77,467	103,289	145,25	174,3	125,95	157,44	251,91	335,88	472,33	566,8
M 20x1,50	30	-	14x18	-	48,91	61,138	97,82	130,427	183,413	220,096	175,9	219,8	351,7	468,9	659,4	791,3
M 22x1,50	32	-	14x18	21/26	60,272	75,34	120,543	160,724	226,019	271,223	237,4	296,8	474,8	633,1	890,3	890,3
M 24x2,00	36	-	14x18	21/26	72,818	91,022	145,635	194,18	273,066	327,68	311,8	389,8	623,7	831,6	1169,4	1403,3

The specified tightening torques are guide values
All information subject to change



Adjustment/calibration

- A HAZET torque wrench should be checked and readjusted regularly. This is recommended after approx. 5,000 screw operations (but no later than after twelve months).
- The time gap between test dates is dependent on the frequency of use. A HAZET torque tester is suitable for this.
- If a suitable torque tester with click point detection is not available, we will accept the HAZET torque wrench via your HAZET specialist dealer for inspection and adjustment at the facility.
- After testing and possible adjustment, the torque wrenches and torque testers sent to HAZET are given back to you with a test certificate.



HAZET SERVICE for torque wrenches and pneumatic tools

All HAZET torque tools and pneumatic tools are serviceable! Along with repairs, we offer factory tests through to calibration in our own DAkkS calibration laboratory for torque wrenches in the HAZET Service Center. Your local HAZET partner will be happy to advise you on all the services provided by the HAZET Service Center as well as local on-site services.



SYSTEM 5000 CT

Torque wrench, with protective insulation

See chapter Tools with protective insulation / Tools for electricians page 252

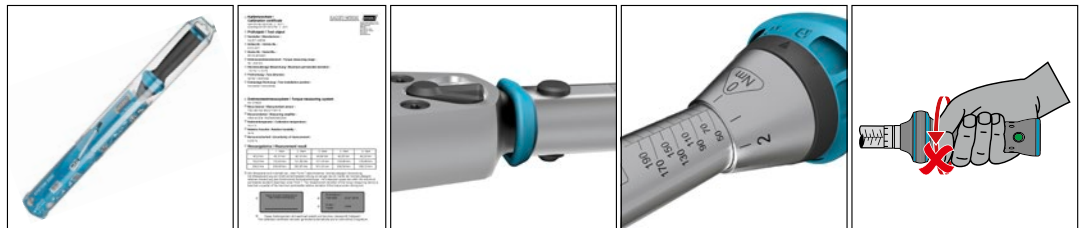
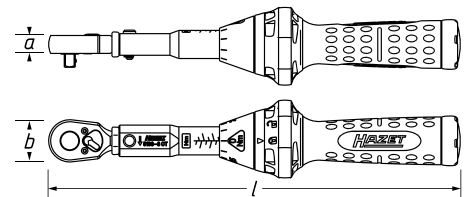


5000-3 CT Torque wrench SYSTEM 5000-3 CT (with reversible ratchet) · ±3% accuracy · 5107-3 CT 4% · 1–800 Nm

Made in Germany

• User-friendly reversible ratchet

- Accuracy ± 3% of scale value (in direction of actuation) (5107-3 CT ± 4% accuracy of scale value)
- Safety:
 - Haptic (close-gap release)
 - Audible ("click" sound)
- Designed for rough workshop use
- Wide range of applications for controlled screw tightening in tyre service, bicycle, passenger car and commercial vehicle applications as well as various applications in trade and industry.
- Optimised sealing ring to protect against debris
- Ratchet repair set for customer-oriented self-assembly enables decades of use
- Handle with better grip for easier power transmission
- Adjustment aid with detent points for optimised operator guidance ensures safe and fast adjustment of the desired torque value by turning the handle
- Safe locking of the setting values by latching function on the rotary assembly
- Rotary assembly in triangular form prevents uncontrolled rolling
- Lock symbols indicate the respective locking status.
- Can be attached to the cable loop through openings on the locking rotary assembly
- Easy-to-read, high-contrast scale
- Permanent readability due to laser marking on the scale bush
- Integrated shift lever
- 5121-3 CT – 5123-3 CT: shift lever with idle function – reduces risk of injury and malfunction
- Tested in accordance with DIN EN ISO 6789-2:2017
- With calibration certificate and serial number
- Delivery in sturdy Hexa plastic box
- DIN 3120, ISO 1174-1, DIN EN ISO 6789-2:2017



HAZET No.	Output	l mm	a mm	b mm	Release accuracy tolerance %	Nm	Nm	kg	EAN-No. 4000896+
• Perfect for working on motorcycles, bicycles and tyre pressure control systems									
5107-3 CT	■ 6.3 = ¼"	234	10.2	24	4	1–9	0.1	0.6–5.5	218875
• Perfect for working on motorcycles and bicycles									
5108-3 CT	■ 6.3 = ¼"	234	10.2	24	3	2.5–25	0.25	1.4–15.3	218882
5110-3 CT	■ 10 = ¾"	320	14.5	32	3	10–60	0.5	3.9–25.0	218899
• Extra short style – particularly compact									
• Specifically also for commercial vehicles									
5120-3 CT	■ 12.5 = ½"	320	14.5	32	3	10–60	0.5	3.9–25.0	218905
• Slim ratchet head – ideally suitable for application on motorcycles									
5111-3 CT	■ 10 = ¾"	375	14.5	32	3	20–120	1	6.9–43.5	235384
5121-3 CT	■ 12.5 = ½"	421	19.6	44	3	20–120	1	6.1–38.0	218912
5122-3 CT	■ 12.5 = ½"	519	19.6	44	3	40–200	1	9.4–49.5	219001
5123-3 CT	■ 12.5 = ½"	628	19.6	44	3	60–320	2	11.3–62.2	218998
• For applications with high torques									
– Axle central screws in FIAT Ducato · MERCEDES-BENZ Sprinter									
– Wheel bearings in e.g. OPEL/VAUXHALL Movano · PEUGEOT Boxer									
– Bearing blocks in agricultural machinery and gear blocks in commercial vehicles									
• Thanks to the possibility of using 12.5 mm (½") sockets/extensions, torque-controlled screw connections of 100 to 400 Nm can now also be operated in all manual and industrial production areas, e.g. with threads of M12 to M16 (property class 12.9) or M16 to M24 (property class 5.6) with restricted access, e.g. for flange or machine screw connections									
5143-3 CT	■ 12.5 = ½"	790	28.5	64	3	100–400	2.5	14.8–60.3	235407
5145-3 CT	■ 20 = ¾"	1271	28.5	64	3	300–800	2.5	26.2–71.0	218929



5200-3 CT Torque wrench · SYSTEM 5200-3 CT (with insert square) · ± 3% accuracy · 10–200 Nm

Made in Germany

• Plug-and-socket connection to hold insert tools

• Accuracy ± 3% of scale value (in direction of actuation)

• Safety:

- Haptic (close-gap release)
- Audible ("click" sound)

• Designed for rough workshop use

• Wide range of applications for controlled screw tightening in tyre service, bicycle, passenger car and commercial vehicle applications as well as various applications in trade and industry

• Optimised sealing ring to protect against debris

• Handle with better grip for easier power transmission

• Adjustment aid with detent points for optimised operator guidance ensures safe and fast adjustment of the desired torque value by turning the handle

• Safe locking of the setting values by latching function on the rotary assembly

• Rotary assembly in triangular form prevents uncontrolled rolling

• Lock symbols indicate the respective locking status

• Can be attached to the cable loop through openings on the locking rotary assembly

• Easy-to-read, high-contrast scale

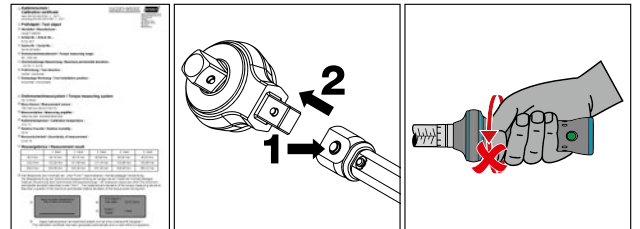
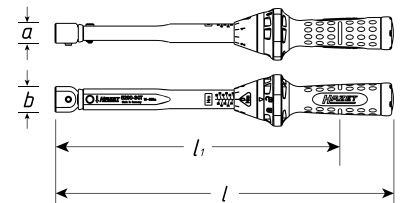
• Permanent readability due to laser marking on the scale bush

• Tested in accordance with DIN EN ISO 6789-2:2017

• With calibration certificate and serial number

• Delivery in sturdy Hexa plastic box

• DIN EN ISO 6789-2:2017



HAZET No.	Output	l mm	l_i mm	a mm	b mm	Release accuracy tolerance %	Nm	Nm		EAN-No. 4000896+
5290-3 CT	<input type="checkbox"/> 9x12	291	245	17	22	3	10–60	0.5		228904
5292-3 CT	<input type="checkbox"/> 14x18	484	422	23	30	3	40–200	1		228911





SYSTEM 5000 CLT

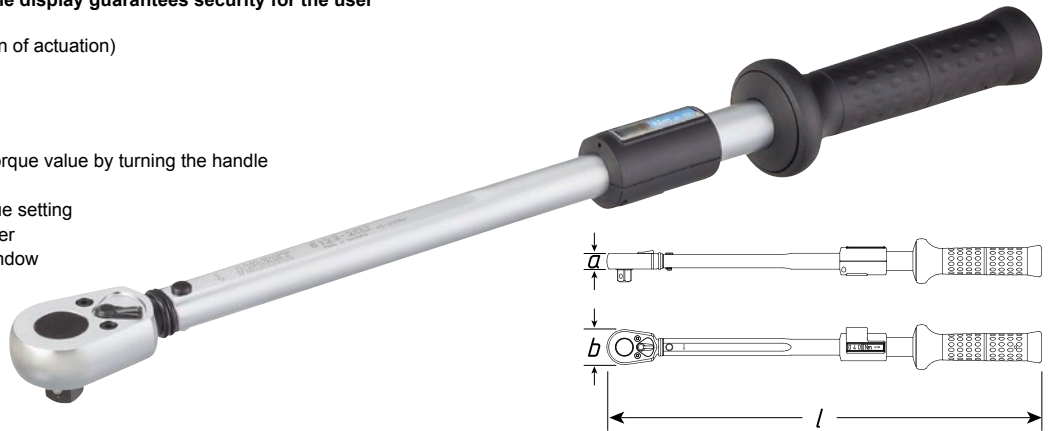
5000 CLT Torque wrench · SYSTEM 5000 CLT · ± 4% accuracy · 20–320 Nm

Made in Germany

• Click-Lens-Type with value readout in the display guarantees security for the user

(E) 12.5 1/2"

- ± 4% accuracy of scale value (in direction of actuation)
- Safety:
 - Haptic (close-gap release)
 - Audible ("click" sound)
- Reversible ratchet
- Easy and safe adjustment of the desired torque value by turning the handle
- Knob for additionally locking the set value
- Three large digits for an easy-to-read torque setting
- With calibration certificate and serial number
- Secure storage in safe box with display window
- Surface: hard chrome plated
- DIN EN ISO 6789-2:2017, DIN 3120, ISO 1174-1



HAZET No.	Output	l mm	a mm	b mm	Release accuracy tolerance %	Nm	Nm		EAN-No. 4000896+
5121-2 CLT	■ 12.5 = 1/2"	435	19.6	44	4	20–120	1	5.9–37.0	104215
5122-2 CLT	■ 12.5 = 1/2"	545	19.6	44	4	40–200	1	9.0–47.4	104192
5123-2 CLT	■ 12.5 = 1/2"	660	19.6	44	4	60–320	2	10.8–59.4	104222

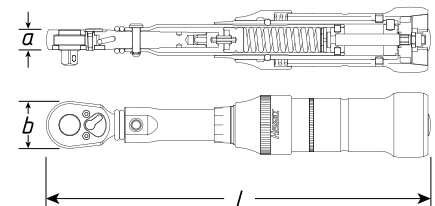
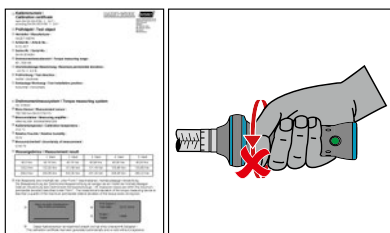
SYSTEM 6000 CT

6000-1 CT Torque wrench · SYSTEM 6000 CT · ± 2% accuracy · 6106-1 CT 4% · 1–40 Nm

Made in Germany

(E) 6.3 1/4"

- Safety:
 - Haptic (close-gap release)
 - Audible ("click" sound)
- Easy and safe adjustment of the desired torque value by turning the handle
- Especially slim design thanks to spring-loaded puller sleeve for locking the setting values
- Accuracy ± 2% of scale value (in direction of actuation)
6106-1 CT ± 4% accuracy of scale value
- Application: engines, gearboxes, machinery, industry, model making
- With calibration certificate and serial number
- DIN EN ISO 6789-2:2017, DIN 3120, ISO 1174-1



* = 6109-2 CT and 6109-2 CT CAL outside the DIN series, as the maximum torque value of the square specified in the standard 6789-1:2017 is exceeded

HAZET No.	Output	l mm	a mm	b mm	Release accuracy tolerance %	Nm	Nm	Signal transmitter		EAN-No. 4000896+
6106-1 CT	■ 6.3 = 1/4"	197	10.2	24	4	1–6	0.1	✗	0.7–4.4	173167
6108-1 CT	■ 6.3 = 1/4"	198	10.2	24	2	2–10	0.2	✗	1.4–7.3	062218
6109-2 CT *	■ 6.3 = 1/4"	256	10.2	24	2	4–40	0.4	✗	2.0–21.4	080564
• Torque wrench including DAkkS calibration certificate										
6106-1 CT CAL	■ 6.3 = 1/4"	197	10.2	24	4	1–6	0.1	✗	0.7–4.4	192892
6108-1 CT CAL	■ 6.3 = 1/4"	198	10.2	24	2	2–10	0.2	✗	1.4–7.3	192908
6109-2 CT CAL *	■ 6.3 = 1/4"	256	10.2	24	2	4–40	0.4	✗	2.0–21.4	193318



Torque Technology

SYSTEM 6000 CT

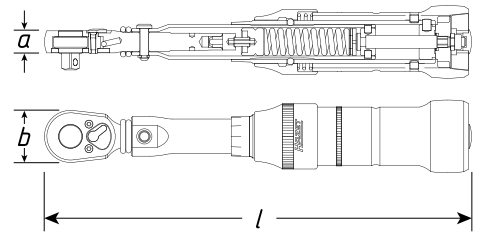
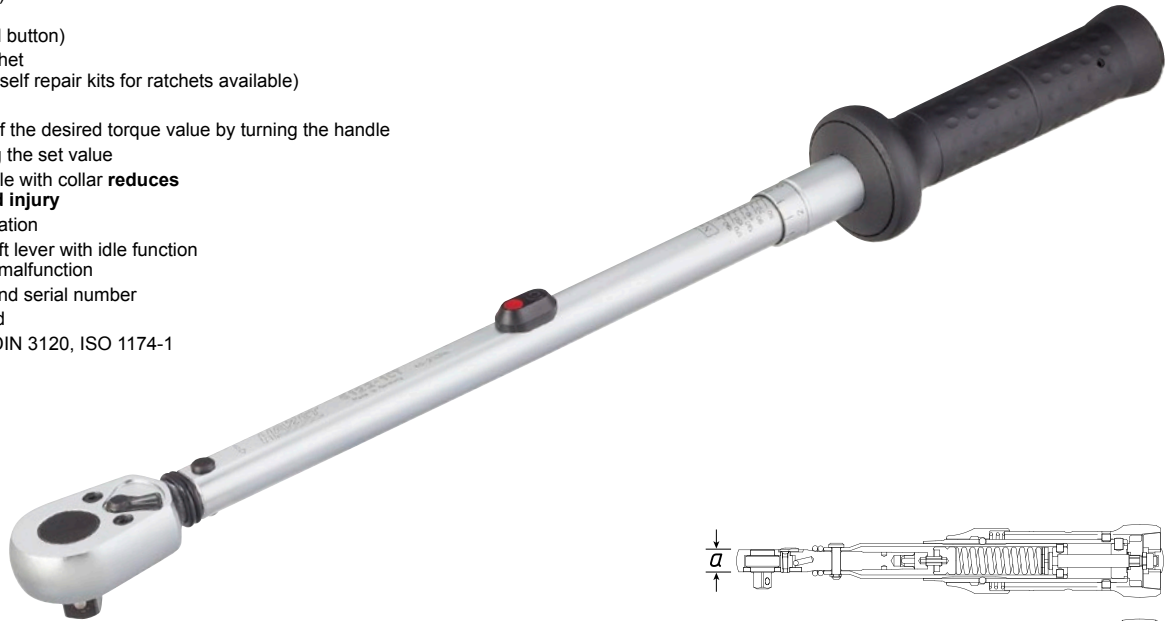


6000-1 CT Torque wrench · SYSTEM 6000 CT · ± 2% accuracy · 5–800 Nm

Germany Made in Germany

- ± 2% accuracy of scale value (in direction of actuation)
- High-precision premium torque tools – for highest demands
- **Hard chrome-plated** steel tube – slim, but very sturdy and wear-resistant
- Secure storage in safe box with display window
- Safety:
 - Haptic (close-gap release)
 - Audible (“click” sound)
 - Visual (models with signal button)
- User-friendly reversible ratchet
- **Service-friendly** (do-it-yourself repair kits for ratchets available)
- Integrated shift lever
- Easy and safe adjustment of the desired torque value by turning the handle
- Knob for additionally locking the set value
- Ergonomically shaped handle with collar **reduces the risk of slipping-off and injury**
- Accuracy – fine scale graduation
- 6121-1 CT – 6123-1 CT: shift lever with idle function – reduces risk of injury and malfunction
- With calibration certificate and serial number
- Surface: hard chrome plated
- DIN EN ISO 6789-2:2017, DIN 3120, ISO 1174-1

(E)



HAZET No.	Output	l mm	a mm	b mm	Release accuracy tolerance %	Nm	Nm	Signal transmitter	kg	EAN-No. 4000896+
6110-1 CT	■ 10 = 3/8"	335	14.5	32	2	5–60	0.5	✗	1.9–24.7	025022
6111-1 CT	■ 10 = 3/8"	389	14.5	32	2	20–120	1	✓	6.7–42.4	025077
6121-1 CT	■ 12.5 = 1/2"	435	19.6	44	2	20–120	1	✓	6.0–37.4	025220
6122-1 CT	■ 12.5 = 1/2"	543	19.6	44	2	40–200	1	✓	9.0–47.5	025268
6123-1 CT	■ 12.5 = 1/2"	659	19.6	44	2	60–320	2	✓	10.8–59.6	025367

- **2-component handle** for improved feel
- Simplified locking for adjusting the torque value
- Viewing window for visual checking of the locking
- 3 additional coloured coding rings for markings in the case of personalisation or special workflows
- Without signal transmitter

6143-1 CT	■ 20 = 3/4"	802	28.5	64	2	100–400	2.5	✗	14.5–59.2	025466
6144-1 CT	■ 20 = 3/4"	1046	28.5	64	2	200–500	2.5	✗	21.6–54.6	025541
6145-1 CT	■ 20 = 3/4"	1283	28.5	64	2	300–800	2.5	✗	25.9–70.2	025565

• Torque wrench including **DAkkS calibration certificate**

6110-1 CT CAL	■ 10 = 3/8"	335	14.5	32	2	5–60	0.5	✗	1.9–24.7	192915
6111-1 CT CAL	■ 10 = 3/8"	389	14.5	32	2	20–120	1	✓	6.7–42.4	193011
6121-1 CT CAL	■ 12.5 = 1/2"	435	19.6	44	2	20–120	1	✓	6.0–37.4	193028
6122-1 CT CAL	■ 12.5 = 1/2"	543	19.6	44	2	40–200	1	✓	9.0–47.5	193233
6123-1 CT CAL	■ 12.5 = 1/2"	659	19.6	44	2	60–320	2	✓	10.8–59.6	193240

• Torque wrench including **DAkkS calibration certificate**

6143-1 CT CAL	■ 20 = 3/4"	802	28.5	64	2	100–400	2.5	✗	14.5–59.2	192922
6144-1 CT CAL	■ 20 = 3/4"	1046	28.5	64	2	200–500	2.5	✗	21.6–54.6	193035
6145-1 CT CAL	■ 20 = 3/4"	1283	28.5	64	2	300–800	2.5	✗	25.9–70.2	193042



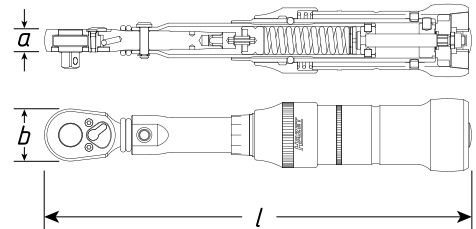
6000-1 CT Torque wrench · SYSTEM 6000 CT · ± 3% accuracy (6170-1 CT 4%) · 400–2000 Nm



Made in Germany

• For highest torque values

- ± 3% accuracy of scale value (in direction of actuation) (6170-1 CT ± 4%)
- Ideal for industrial climbers
- Application on wind turbines, dockyards, in the aviation and heavy industries, on commercial vehicles etc.
- To be disassembled in two parts (6170-1 CT: three parts) with release tool
- Bag included for safe storage and for carrying or wearing on your back
- Fast screw tightening also possible with ratchet shaft. For torque tightening always use the complete wrench
- **2-component handle** for improved feel
- Simplified locking for adjusting the torque value
- Viewing window for visual checking of the locking
- 3 additional coloured coding rings for markings in the case of personalisation or special workflows
- DIN EN ISO 6789-2:2017, DIN 3120, ISO 1174-1

Ⓔ



HAZET No.	Output	l mm	a mm	b mm	Release accuracy tolerance %	Nm	 Nm	Signal transmitter	 kg	EAN-No. 4000896+
1000 Nm Torque wrench Weight only approx. 10 kg										
• Actuating force only 590 N (60 kg) at 1000 Nm										
• Length of ratchet shaft 903 mm, handle 930 mm										
6150-1 CT	■ 20 = ¾"	1789	36	77	3	400–1000	5	✗	24.2–61.0	141067
1600 Nm Torque wrench Weight only approx. 14 kg										
• Actuating force only 685 N (70 kg) at 1600 Nm										
• Length of ratchet shaft 1205 mm, handle 1320 mm										
6160-1 CT	■ 25 = 1"	2455	36	77	3	600–1600	5	✗	26.1–70.1	155316
2000 Nm Torque wrench Weight only approx. 18 kg										
• Actuating force only 685 N (70 kg) at 2000 Nm										
• Calibration according to company standards										
6170-1 CT	■ 25 = 1"	3033	36	77	4	800–2000	6	✗	27.9–70.1	177776
• Torque wrench including DAkkS calibration certificate										
6150-1 CT CAL	■ 20 = ¾"	1789	36	77	3	400–1000	5	✗	24.2–61.0	193059
6160-1 CT CAL	■ 25 = 1"	2455	36	77	3	600–1600	5	✗	26.1–70.1	193066



Torque Technology

SYSTEM 6000 CT

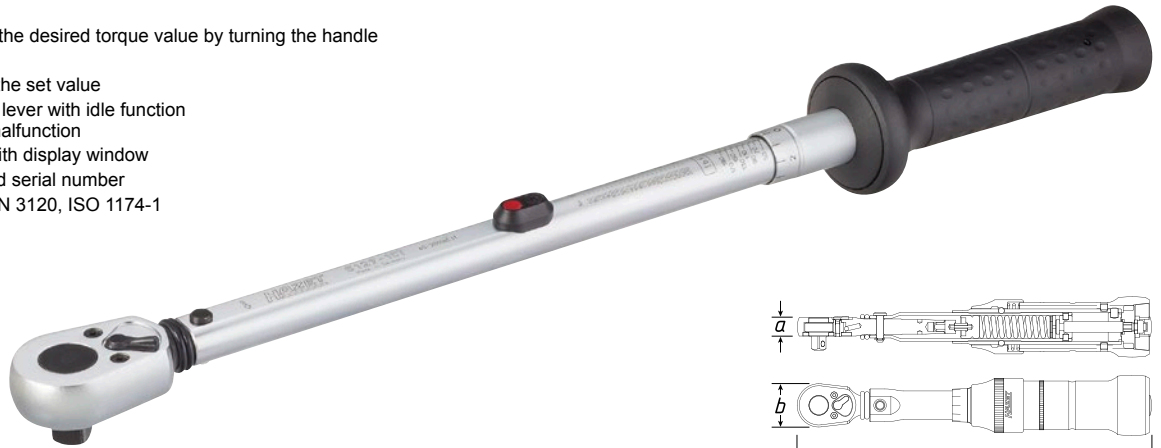


6000-1 CT-US Torque wrench · SYSTEM 6000 CT · US STANDARD · ± 3% accuracy · 5–600 lbf.ft

Made in Germany

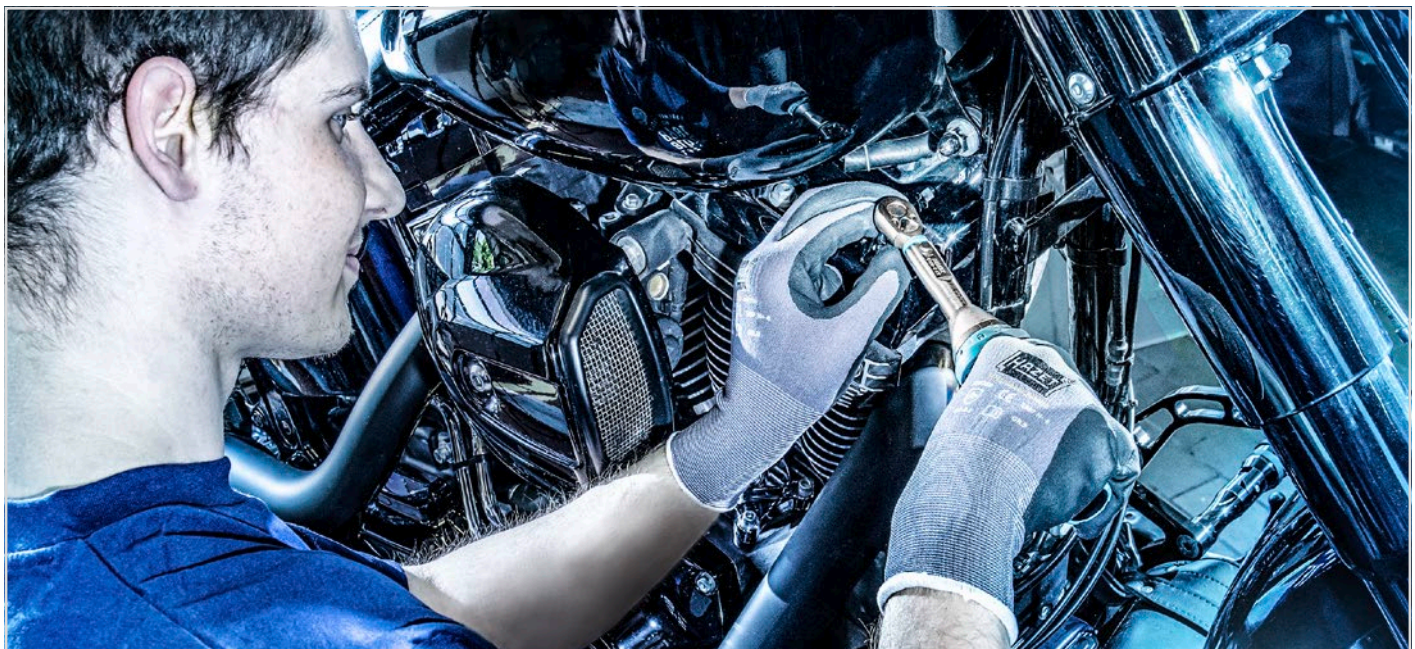
- According to US standards
- Scale graduation in lbf.ft
- ± 3% accuracy of scale value (in direction of actuation)
- Safety:
 - Haptic (close-gap release)
 - Audible (“click” sound)
- Easy and safe adjustment of the desired torque value by turning the handle
- Reversible ratchet
- Knob for additionally locking the set value
- 6127-1 CT – 6128-1 CT: shift lever with idle function
 - reduces risk of injury and malfunction
- Secure storage in safe box with display window
- With calibration certificate and serial number
- DIN EN ISO 6789-2:2017, DIN 3120, ISO 1174-1

Ⓔ



HAZET No.	Output	l mm	a mm	b mm	Release accuracy tolerance %	lbf.ft.	Nm	lbf.ft	Signal transmitter	EAN-No. 4000896+
6114-1 CT	■ 10 = 3/8"	333	14.5	32	3	5–40	6.8–54.2	0.5	✗	2.6–21.8 078424
6115-1 CT	■ 10 = 3/8"	390	14.5	32	3	20–100	27.1–135.6	0.5	✓	9.1–48.2 025084
6127-1 CT	■ 12.5 = 1/2"	545	19.6	44	3	40–200	54.2–271.2	1	✓	12.3–64.6 025381
6128-1 CT	■ 12.5 = 1/2"	660	19.6	44	3	50–250	67.8–339	2	✓	12.2–62.6 076116
6132-1 CT	■ 20 = 3/4"	1284	28.5	64	3	120–600	162.7–813.5	2	✗	14.0–71.6 078455

- 2-component handle for improved feel
- Simplified locking for adjusting the torque value
- Viewing window for visual checking of the locking
- 3 additional coloured coding rings for markings in the case of personalisation or special workflows
- Without signal transmitter

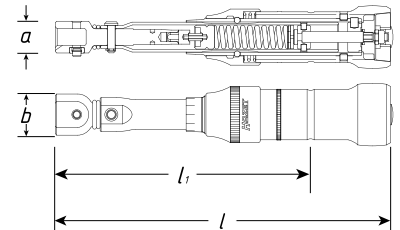
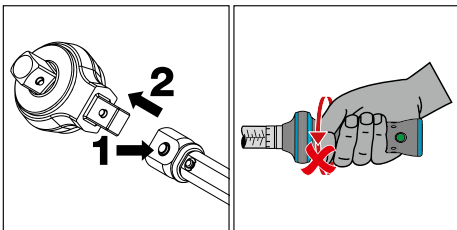




6200-1 CT Torque wrench · SYSTEM 6000 CT · ± 2% accuracy · 2–40 Nm

Made in Germany

- Plug-and-socket connection to hold insert tools
- **Accuracy ± 2% of scale value** (in direction of actuation)
- Safety:
 - Haptic (close-gap release)
 - Audible ("click" sound)
- With calibration certificate and serial number
- Especially slim design thanks to spring-loaded puller sleeve for locking the setting values
- Easy and safe adjustment of the desired torque value by turning the handle
- DIN EN ISO 6789-2:2017



* = 6282-1 CT and 6282-1 CT CAL outside the DIN series, as the maximum torque value of the square specified in the standard 6789-1:2017 is exceeded

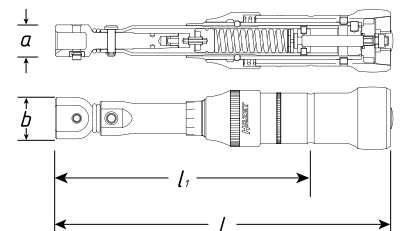
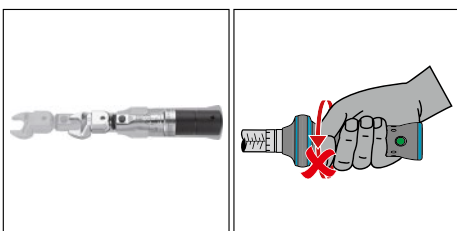
HAZET No.	Output	<i>l</i> mm	<i>l</i> ₁ mm	<i>a</i> mm	<i>b</i> mm	Release accuracy tolerance %	Nm	Nm	Signal transmitter		EAN-No. 4000896+
6280-1 CT	<input type="checkbox"/> 9x12	181	141	17	22	2	2–10	0.2	<input checked="" type="checkbox"/>	1.3–6.6	026005
6282-1 CT *	<input type="checkbox"/> 9x12	240	200	17	22	2	4–40	0.4	<input checked="" type="checkbox"/>	1.9–19.8	080540
• Torque wrench including DAkkS calibration certificate											
6280-1 CT CAL	<input type="checkbox"/> 9x12	181	141	17	22	2	2–10	0.2	<input checked="" type="checkbox"/>	1.3–6.6	193073
6282-1 CT CAL *	<input type="checkbox"/> 9x12	240	200	17	22	2	4–40	0.4	<input checked="" type="checkbox"/>	1.9–19.8	193080

6200-1 CT Torque wrench · SYSTEM 6000 CT · ±4% accuracy · 5–13 Nm

Made in Germany

- Extra short construction for areas with restricted access

- Plug-and-socket connection to hold insert tools
- **Accuracy ± 4% of scale value** (in direction of actuation)
- Surface: hard chrome plated
- DIN EN ISO 6789-2:2017



HAZET No.	Output	<i>l</i> mm	<i>l</i> ₁ mm	<i>a</i> mm	<i>b</i> mm	Release accuracy tolerance %	Nm	Nm	Signal transmitter		EAN-No. 4000896+
6281-2 CT	<input type="checkbox"/> 9x12	125.4	99	17	22	4	5–13	0.2	<input checked="" type="checkbox"/>	4.4–11.8	183326
• Torque wrench including DAkkS calibration certificate											
6281-2 CT CAL	<input type="checkbox"/> 9x12	125.4	99	17	22	4	5–13	0.2	<input checked="" type="checkbox"/>	4.4–11.8	193295



Torque Technology

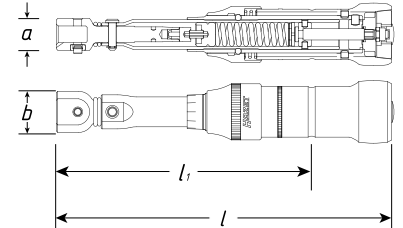
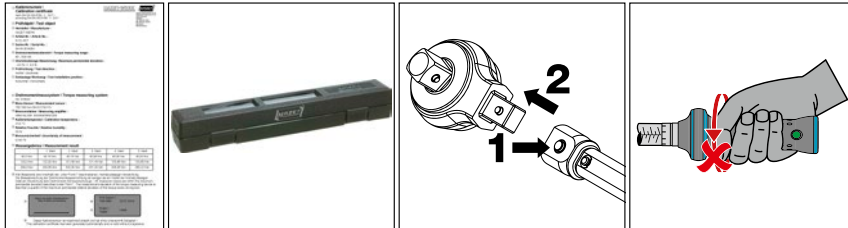
SYSTEM 6000 CT



6200-1 CT Torque wrench · SYSTEM 6000 CT · ± 2% accuracy · 5–320 Nm

Made in Germany

- Plug-and-socket connection to hold insert tools
- **Accuracy ± 2% of scale value** (in direction of actuation)
- Safety:
 - Haptic (close-gap release)
 - Audible ("click" sound)
- With calibration certificate and serial number
- Easy and safe adjustment of the desired torque value by turning the handle
- Secure storage in safe box with display window
- DIN EN ISO 6789-2:2017

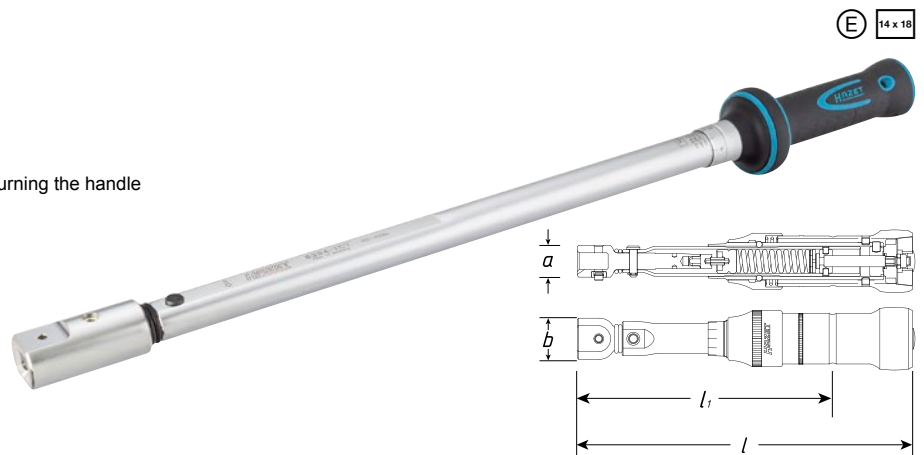


HAZET No.	Output	<i>l</i> mm	<i>l</i> ₁ mm	<i>a</i> mm	<i>b</i> mm	Release accuracy tolerance %	Nm	Nm	Signal transmitter		EAN-No. 4000896+
6290-1 CT	□ 9x12	306	252	17	22	2	5–60	0.5	✗	1.8–23.1	026043
6291-2 CT	□ 9x12	389	318	18	23	2	20–120	1	✓	5.9–36.6	026104
6291-1 CT	□ 14x18	401	330	23	30	2	20–120	1	✓	5.5–34.5	026074
6292-1 CT	□ 14x18	511	440	23	30	2	40–200	1	✓	8.5–44.8	026135
6293-1 CT	□ 14x18	625	554	23	30	2	60–320	2	✓	10.3–56.8	026173
• Torque wrench including DAkkS calibration certificate											
6290-1 CT CAL	□ 9x12	306	252	17	22	2	5–60	0.5	✗	1.8–23.1	193097
6291-2 CT CAL	□ 9x12	389	318	18	23	2	20–120	1	✓	5.9–36.6	193257
6291-1 CT CAL	□ 14x18	401	330	23	30	2	20–120	1	✓	5.5–34.5	193264
6292-1 CT CAL	□ 14x18	511	440	23	30	2	40–200	1	✓	8.5–44.8	193271
6293-1 CT CAL	□ 14x18	625	554	23	30	2	60–320	2	✓	10.3–56.8	193288

6200-1 CT Torque wrench · SYSTEM 6000 CT · ± 2% accuracy · 100–500 Nm

Made in Germany

- Plug-and-socket connection to hold insert tools
- **Accuracy ± 2% of scale value** (in direction of actuation)
- Safety:
 - Haptic (close-gap release)
 - Audible ("click" sound)
- With calibration certificate and serial number
- Easy and safe adjustment of the desired torque value by turning the handle
- Secure storage in safe box with display window
- **2-component handle** for improved feel
- Simplified locking for adjusting the torque value
- Viewing window for visual checking of the locking
- Knob for additionally locking the set value
- 3 additional coloured coding rings for markings in the case of personalisation or special workflows
- Without signal transmitter
- DIN EN ISO 6789-2:2017



HAZET No.	Output	<i>l</i> mm	<i>l</i> ₁ mm	<i>b</i> mm	Release accuracy tolerance %	Nm	Nm	Signal transmitter		EAN-No. 4000896+
6294-1 CT	□ 14x18	718	649	35.5	2	100–400	2.5	✗	14.7–59.9	026197
6295-1 CT	□ 14x18	962	893	35.5	2	200–500	2.5	✗	21.8–55.1	026203
• Torque wrench including DAkkS calibration certificate										
6294-1 CT CAL	□ 14x18	718	649	35.5	2	100–400	2.5	✗	14.7–59.9	193103
6295-1 CT CAL	□ 14x18	962	893	35.5	2	200–500	2.5	✗	21.8–55.1	193110



6290 Torque tool set

Made in Germany

- Sheet metal box (HAZET-blue)
- 2-component soft foam insert



6200-1 CT •
6290-1 CT



6450 C •
7 • 8 • 9 • 10 • 11 • 12
13 • 14 • 15 • 16 • 17



6630 C •
7 • 8 • 10 • 11 • 12
13 • 14 • 15 • 16 • 17



6402-1 •



6612 C •
10 • 11 • 12 • 13 • 14 • 17

HAZET No.	L x W x H mm		EAN-No. 4000896+
6290-1 CT/29	435x215x62	29	026067

6292 Torque tool set

Made in Germany

- Sheet metal box (HAZET-blue)
- 2-component soft foam insert



6200-1 CT •
6292-1 CT



6404-1 •



6450 D •
13 • 14 • 15 • 16
17 • 18 • 19 • 21
22 • 24 • 27 • 30
32



6630 D •
13 • 14 • 15 • 16
17 • 18 • 19 • 21
22 • 24 • 27 • 30
32

HAZET No.	L x W x H mm		EAN-No. 4000896+
6292-1 CT/28	578x235x88	28	026166

6400 Insert tool holder set

Made in Germany



6401-1 •



6413-4 •



6612 C •
10 • 14 • 19 • 22



6402-1 •



6414 •



6630 C •
8 • 10 • 11 • 12
13 • 14 • 15 • 16



6404-1 •



6423 C •



6408 •



6450 D •
24

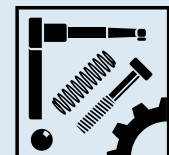


6630 D •
13 • 16 • 17 • 18 • 19
21 • 22 • 24 • 27

HAZET No.		EAN-No. 4000896+
6400 CD/29	29	233458

Wear? – No problem!

- HAZET tools are manufactured to the **highest quality**. During long intensive loading there is a certain level of wear even for high-quality tools.
- For this reason, there are spare parts and replacement sets available for many of our tools.

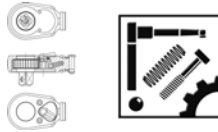


Cost-saving – Sustainable – Resource-saving!
For long-term pleasure with your HAZET tools



6100 Replacement set

Germany **Made in Germany**



HAZET No.	EAN-No. 4000896+
<ul style="list-style-type: none"> Replacement set for twist lock consisting of: twist lock · lock spring and cylinder screw For HAZET torque wrench model year 2014 → 6132-1 CT · 6143-1 CT · 6144-1 CT · 6145-1 CT · 6150-1 CT · 6160-1 CT · 6170-1 CT · 6243-1 CT · 6244-1 CT · 6245-1 CT · 6146-1 CT · 6246-1 CT, 6294-1 CT · 6295-1 CT · 6296-1 CT 	192557
<ul style="list-style-type: none"> Replacement set for shift lever consisting of: shift lever · screws · ball · compression spring For HAZET reversible ratchet 1016 · 1016/2 For HAZET torque wrench 5145-3 CT · 6132-1 CT · 6143 CT · 6143-1 CT · 6144 CT · 6144-1 CT · 6145 CT · 6145-1 CT · 6146-1 CT 	001972
<ul style="list-style-type: none"> Replacement set for ratchet wheel 20 = 3/4" consisting of: ratchet wheel · pawl · shift lever · screws · ball · compression spring For HAZET reversible ratchet 1016 · 1016/2 For HAZET torque wrench 5145-3 CT · 6132-1 CT · 6143 CT · 6143-1 CT · 6144 CT · 6144-1 CT · 6145 CT · 6145-1 CT · 6146-1 CT 	001989
<ul style="list-style-type: none"> Replacement set for shift lever consisting of: shift lever · screws · ball · compression spring For HAZET reversible ratchet 1116 For HAZET torque wrench 6150-1 CT · 6160-1 CT · 6170-1 CT · 7250-2 sTAC · 7250-5 sTAC 	003228
<ul style="list-style-type: none"> Replacement set for ratchet wheel 25 = 1" consisting of: shift lever · screws · ball · compression spring · pawl · ratchet wheel For HAZET reversible ratchet 1116 For HAZET torque wrench 6160-1 CT · 6170-1 CT 	003235
<ul style="list-style-type: none"> Replacement set for shift lever consisting of: shift lever · screws · ball · compression spring · pawl For HAZET reversible ratchet 8816 G · 8816 GK · 8816 P · 8816 S · 8816 ST 916 K · 2264-1 For HAZET torque wrench 5110-2 CT · 5120-2 CT · 5110-3 CT · 5111-3 CT · 5120-3 CT 6110 CT · 6110-1 CT · 6111-1 CT 6114-1 CT · 6115-1 CT 6402-1 · 6402-1 S · 6408-1 	144617
<ul style="list-style-type: none"> Replacement set for ratchet wheel 10 = 3/8" consisting of: ratchet wheel, pawl, shift lever, screws, ball, compression spring Für Umschaltknarre HAZET 8816 G · 8816 GK · 8816 P · 8816 ST For HAZET reversible ratchet 5110-2 CT · 5110-3 CT · 5111-3 CT 6110 CT · 6110-1 CT · 6111-1 CT 6114-1 CT · 6115-1 CT · 6402-1 	042234
<ul style="list-style-type: none"> Replacement set for shift lever 12.5 = 1/2" consisting of: ratchet wheel · pawl · shift lever · screws · ball · compression spring · spring washer · circlip For HAZET torque wrench 5121-2 CT · 5122-2 CT · 5123-2 CT · 5121-3 CT · 5122-3 CT · 5123-3 CT 5121-2 CLT · 5122-2 CLT · 5123-2 CLT · 5128-2 CLT · 5122 ST-1 6121 CT · 6122 CT · 6123 CT 6121-1 CT · 6122-1 CT · 6123-1 CT · 6127-1 CT · 6128-1 CT 6722 TAC 	025343
<ul style="list-style-type: none"> Replacement set for ratchet wheel 12.5 = 1/2" consisting of: ratchet wheel · pawl · shift lever · screws · ball · compression spring For torque wrench HAZET 5120-2 CT · 5120-3 CT 	235490
<ul style="list-style-type: none"> Replacement set for ratchet wheel 20 = 3/4" consisting of: ratchet wheel · pawl · shift lever · screws · ball · compression For 6150-1 CT · 7250-2 sTAC · 7250-5 sTAC 	151431
<ul style="list-style-type: none"> Replacement set for shift lever consisting of: shift lever · screws · ball · compression spring For HAZET torque wrench 5107-2 CT · 5107-3 CT · 5108-2 CT · 5108-3 CT · 6106-1 CT · 6108-1 CT · 6109-1 CT · 6109-2 CT · 6401-1 · 6401-1 S · 6408 	146048

6100 Replacement set



HAZET No.	EAN-No. 4000896+
<ul style="list-style-type: none"> Replacement set for ratchet wheel 6.3 = 1/4" consisting of: ratchet wheel · pawl · shift lever · screws · ball · compression spring For HAZET torque wrench 5107-2 CT · 5107-3 CT · 5108-2 CT · 5108-3 CT 6108-1 CT · 6109-1 CT · 6109-2 CT · 6401-1 	111169
<ul style="list-style-type: none"> Replacement set for ratchet wheel 6.3 = 1/4" consisting of: ratchet wheel with quick-release press-button · pawl · shift lever · screws · ball · compression spring For 6401-1 S as well as for conversion of insert reversible ratchet 5107-2 CT · 5107-3 CT · 5108-2 CT · 5108-3 CT 6106-1 CT · 6108-1 CT · 6109-2 CT 	111152
<ul style="list-style-type: none"> Replacement set for shift lever consisting of: shift lever · screws · ball · compression spring · spring washer and circlip For HAZET insert reversible ratchet 6403-1 · 6403-1 S · 6404-1 · 6404-1 S 	070756
<ul style="list-style-type: none"> Replacement set for ratchet wheel 12.5 = 1/2" consisting of: ratchet wheel · pawl · shift lever · screws · ball · compression spring · spring washer · locking ring For 6403-1 · 6404-1 	070749
<ul style="list-style-type: none"> Replacement set for ratchet wheel 12.5 = 1/2" consisting of: ratchet wheel with quick-release press-button · pawl · shift lever · screws · ball · compression spring · spring washer · circlip For 6403-1 S · 6404-1 S 	070817
<ul style="list-style-type: none"> Replacement set for twist lock consisting of: lock spring · twist lock with 2 headless screws For HAZET torque wrench 6010-1 CT · 6110-1 CT · 6114-1 CT · 6290-1 CT 	025053
<ul style="list-style-type: none"> Replacement set for twist lock consisting of: lock spring · twist lock with 2 headless screws For HAZET torque wrench 5121-2 CLT · 5122-2 CLT · 5123-2 CLT · 5128-2 CLT 6021-1 CT · 6022-1 CT · 6023-1 CT 6111-1 CT · 6115-1 CT · 6121-1 CT · 6122-1 CT · 6123-1 CT · 6127-1 CT · 6128-1 CT 6291-1 CT · 6292-1 CT · 6293-1 CT · 6722 TAC · 6291-2 CT 	025299
<ul style="list-style-type: none"> Replacement set for optical signal transmitter consisting of: red button, · compression spring · black housing · pin · screw For HAZET torque wrench 6021-1 CT · 6022-1 CT · 6023-1 CT 6110 CT · 6110-1 CT · 6111-1 CT 6114-1 CT · 6115-1 CT · 6121 CT · 6121-1 CT · 6122 CT · 6122-1 CT · 6123 CT · 6123-1 CT · 6127-1 CT · 6128-1 CT · 6291-1 CT · 6291-2 CT · 6290-1 CT · 6291 CT · 6292-1 CT · 6293-1 CT 	025305
<ul style="list-style-type: none"> Replacement set for shift lever consisting of: shift lever · screws · ball · compression spring · spring washer · circlip For HAZET torque wrench 5121-2 CLT · 5121-2 CT · 5121-3 CT · 5122-2 CLT · 5122-2 CT · 5122-3 CT · 5122 ST-1 · 5123-2 CLT · 5123-2 CT · 5123-3 CT · 5128-2 CLT 6121-1 CT · 6121 CT · 6122-1 CT · 6122-1 CT · 6122 CT · 6123-1 CT · 6123 CT · 6127-1 CT · 6128-1 CT · 6722 TAC 	025329
<ul style="list-style-type: none"> Reversible ratchet with screw complete replaceable: ■ 20 = 3/4" model year → End 2004 For HAZET torque wrench 6132-1 CT · 6143 CT · 6143-1 CT · 6144 CT · 6144-1 CT 6145 CT · 6145-1 CT · 6146-1 CT 	111190
<ul style="list-style-type: none"> Replacement set for twist lock consisting of: twist lock · lock spring and cylinder screw For HAZET torque wrench model year → 2013 6132-1 CT · 6143-1 CT · 6144-1 CT · 6145-1 CT · 6150-1 CT · 6160-1 CT · 6170-1 CT · 6243-1 CT · 6244-1 CT · 6245-1 CT · 6146-1 CT · 6246-1 CT, 6294-1 CT · 6295-1 CT · 6296-1 CT 	025527
<ul style="list-style-type: none"> Reversible ratchet with screw complete replaceable: ■ 20 = 3/4" model year 2005→ For HAZET torque wrench 5145-3 CT 6132-1 CT · 6144 CT · 6144-1 CT 6145 CT · 6145-1 CT · 6146-1 CT 	111206



SYSTEM 7000 sTAC

7000 sTAC Torque wrench with built-in angle gauge · electronic · SmartTAC SYSTEM 7000 sTAC · 1–1000 Nm

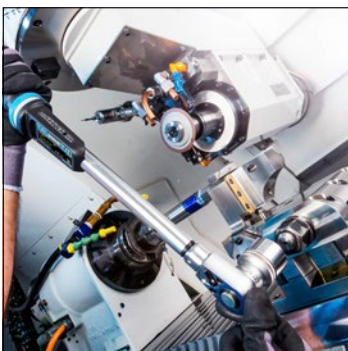
Made in Germany

• Smart technology – Ready for Industry 4.0.0

- HAZET Smart Technology consisting of the SmartTAC app and Bluetooth 4.1 Low Energy interface (product group 7000-2 sTAC – may be subject to national approval restrictions) with flawless live data exchange to display the screwing process on mobile end devices such as smartphones (smart watches) and tablet PCs as well as via a USB-C interface for programming the torque wrench with built-in angle gauge and documenting screwing data via laptops and PCs. All sTAC torque wrenches can also be used autonomously, without the SmartTAC app.
 - Unique ergonomic, user-oriented HAZET design of entire tool for professional use
 - The reduction in size and integration of the PCB into the main pipe, results in dimensions that allow for the small torque wrench with built-in angle gauge from 1 Nm
 - Protection class IP 40
Spray-water-proof display and membrane keyboard
 - USB-C interface for programming torque wrenches with built-in angle gauge and for documentation of the screwing data via laptop and PC
 - Including standard replaceable Li ion rechargeable battery, type 14650 / 3.7 Volt, can be charged directly on the tool via USB-C connector
 - Including 1 metre USB 3.1 / A-C cable
- Functions: 7000 sTAC**
- Large, high-contrast illuminated, easily readable OLED display, dimmable and 180° rotatable
 - Indication of the measuring values in 13 mm font size, including a rating of the screw-joint (OK / not OK)
 - Display deviation in right and left torque: from $\pm 1\%$ / ± 1 digit
 - Display deviation in right and left rotation angle: $\pm 1\%$ / $\pm 1^\circ$
 - Rotation angle range adding: 0 to 999°
 - Torque tolerance for OK display (green): adjustable ± 1 to 10%
 - Rotation angle tolerance for OK display (green): adjustable 1 to 90°
 - Choice of torque measuring units: Nm, lbf ft, lbf in or kgf m
 - Lets you select or program the effective length for other insert tools from 0 to 250 m (requirement for correct torque / rotation angle measurements)
 - Four signals alert the user during screwing process: audible signal (buzzer), vibration signal, synchronous numerical display, and a 360° LED display with "traffic light function" that is visible from all around
 - Threshold value, pre-warning level: adjustable 50 to 99%
 - Adjustable signaling, On/Off audible signal (buzzer) and vibration
 - Reset function, restore to factory setting
 - Stand-by time: adjustable 1 to 10 min.
 - Indication of battery condition and memory
 - Memory capacity, including date and time: up to 3000 measurements
 - Offers possibility to program flow charts and sets of parameters: 25 and 25
 - 2 control functions: programmable torque control for angle tightening and angle control for torque tightening
 - Menu locking against unintentional change, four-digit code is personally selected
 - Display of the software version with serial numbers, calibration date and service display / usage counter
 - Menu languages: German, English, French, Italian, Chinese
 - Optional: Programming and evaluation software for laptop and PC
 - SmartTAC app for Android and Apple iOS end devices for series 7000-2 sTAC
 - The HAZET SmartTAC torque wrenches with built-in angle gauge of the **7000-2 sTAC series with Bluetooth interface** have valid radio licences in all EU countries as well as in Switzerland, Norway, China, India, South Korea and Turkey and may be sold there. Radio licences for Mexico, South Africa, USA and Canada are currently in preparation. Other countries on request.
 - For countries without radio licences, we offer the **7000-5 sTAC series SmartTAC torque wrench without a Bluetooth interface**. These can be connected to a laptop and PC via a USB port and to the optional programming and evaluation software. It is not possible to use the SmartTAC app for mobile devices due to the lack of a Bluetooth interface.
 - **With Bluetooth function**
 - Release accuracy tolerance according to ISO 6789-2:2017



SYSTEM 7000 sTAC






Torque Technology

SYSTEM 7000 sTAC



7000 sTAC Torque wrench with built-in angle gauge · electronic · SmartTAC SYSTEM 7000 sTAC · 1 – 1000 Nm

HAZET No.	Output	l / mm	Release accuracy tolerance %	lbf.ft.	Nm		Bluetooth interface	EAN-No. 4000896+
<ul style="list-style-type: none"> Includes insert reversible ratchet 6401-1 ■ 6.3 = 1/4" Length with/without insert tool: 290.5 mm / 260 mm 								
7280-5 sTAC	□ 9x12, ■ 6.3 = 1/4"	260	2	0.75–7.5	1–10	0.5–4.6	✗	223183
7281-5 sTAC	□ 9x12, ■ 6.3 = 1/4"	260	2	1.85–18.5	2.5–25	1.1–11.4	✗	223176
<ul style="list-style-type: none"> Includes insert reversible ratchet 6402-1 ■ 10 = 3/8" Length with/without insert tool: 347 mm / 302 mm 								
7290-5 sTAC	□ 9x12, ■ 10 = 3/8"	302	1	3.5–44	5–60	1.8–22.2	✗	223169
<ul style="list-style-type: none"> Includes insert reversible ratchet 6402-1 ■ 10 = 3/8" Length with/without insert tool: 428 mm / 383 mm 								
7291-5 sTAC	□ 9x12, ■ 10 = 3/8"	383	1	7.5–75	10–100	2.9–28.7	✗	223152
<ul style="list-style-type: none"> Includes insert reversible ratchet 6404-1 ■ 12.5 = 1/2" Length with/without insert tool: 578.5 mm / 520 mm 								
7292-5 sTAC	□ 14x18, ■ 12.5 = 1/2"	520	1	15–150	20–200	4.1–40.7	✗	223145
<ul style="list-style-type: none"> Includes insert reversible ratchet 6406 ■ 20 = 3/4" Length with/without insert tool: 1021 mm / 945 mm 								
7294-5 sTAC	□ 14x18, ■ 20 = 3/4"	945	1	30–300	40–400	4.4–43.8	✗	223138
<ul style="list-style-type: none"> Includes insert reversible ratchet 6406 ■ 20 = 3/4" Length with/without insert tool: 1217 mm / 1141 mm 								
7295-5 sTAC	□ 14x18, ■ 20 = 3/4"	1141	1	48–480	65–650	5.9–58.7	✗	222926
<ul style="list-style-type: none"> Integrated reversible ratchet ■ 20 = 3/4" 								
7250-5 sTAC	■ 20 = 3/4"	1772	1	150–750	200–1000	12.2–60.8	✗	222919
<ul style="list-style-type: none"> Includes insert reversible ratchet 6401-1 ■ 6.3 = 1/4" Length with / without insert tool: 290.5 mm / 260 mm 								
7280-2 sTAC	□ 9x12, ■ 6.3 = 1/4"	260	2	0.75–7.5	1–10	0.5–4.6	✓	215294
7281-2 sTAC	□ 9x12, ■ 6.3 = 1/4"	260	2	1.85–18.5	2.5–25	1.1–11.4	✓	215317
<ul style="list-style-type: none"> Includes insert reversible ratchet 6402-1 ■ 10 = 3/8" Length with / without insert tool: 347 mm / 302 mm 								
7290-2 sTAC	□ 9x12, ■ 10 = 3/8"	302	1	3.5–44	5–60	1.8–22.2	✓	215324
<ul style="list-style-type: none"> Includes insert reversible ratchet 6402-1 ■ 10 = 3/8" Length with / without insert tool: 428 mm / 383 mm 								
7291-2 sTAC	□ 9x12, ■ 10 = 3/8"	383	1	7.5–75	10–100	2.9–28.7	✓	215430
<ul style="list-style-type: none"> Includes insert reversible ratchet 6404-1 ■ 12.5 = 1/2" Length with / without insert tool: 578.5 mm / 520 mm 								
7292-2 sTAC	□ 14x18, ■ 12.5 = 1/2"	520	1	15–150	20–200	4.1–40.7	✓	215447
<ul style="list-style-type: none"> Includes insert reversible ratchet 6406 ■ 20 = 3/4" Length with / without insert tool: 1021 mm / 945 mm 								
7294-2 sTAC	□ 14x18, ■ 20 = 3/4"	945	1	30–300	40–400	4.4–43.8	✓	215454
<ul style="list-style-type: none"> Includes insert reversible ratchet 6406 ■ 20 = 3/4" Length with / without insert tool: 1217 mm / 1141 mm 								
7295-2 sTAC	□ 14x18, ■ 20 = 3/4"	1141	1	48–480	65–650	5.9–58.7	✓	215461
<ul style="list-style-type: none"> Integrated reversible ratchet ■ 20 = 3/4" 								
7250-2 sTAC	■ 20 = 3/4"	1772	1	150–750	200–1000	12.2–60.8	✓	215478
<ul style="list-style-type: none"> Torque wrench including DAkkS calibration certificate Includes insert reversible ratchet 6401-1 ■ 6.3 = 1/4" Length with / without insert tool: 290.5 mm / 260 mm 								
7280-2 sTAC CAL	□ 9x12, ■ 6.3 = 1/4"	260	2	0.75–7.5	1–10	0.5–4.6	✓	220359
7281-2 sTAC CAL	□ 9x12, ■ 6.3 = 1/4"	260	2	1.85–18.5	2.5–25	1.1–11.4	✓	220366
<ul style="list-style-type: none"> Torque wrench including DAkkS calibration certificate Includes insert reversible ratchet 6402-1 ■ 10 = 3/8" Length with / without insert tool: 347 mm / 302 mm 								
7290-2 sTAC CAL	□ 9x12, ■ 10 = 3/8"	302	1	3.5–44	5–60	1.8–22.2	✓	220373
<ul style="list-style-type: none"> Torque wrench including DAkkS calibration certificate Includes insert reversible ratchet 6402-1 ■ 10 = 3/8" Length with / without insert tool: 428 mm / 383 mm 								
7291-2 sTAC CAL	□ 9x12, ■ 10 = 3/8"	383	1	7.5–75	10–100	2.9–28.7	✓	220380
<ul style="list-style-type: none"> Torque wrench including DAkkS calibration certificate Includes insert reversible ratchet 6404-1 ■ 12.5 = 1/2" Length with / without insert tool: 578.5 mm / 520 mm 								
7292-2 sTAC CAL	□ 14x18, ■ 12.5 = 1/2"	520	1	15–150	20–200	4.1–40.7	✓	220397
<ul style="list-style-type: none"> Torque wrench including DAkkS calibration certificate Includes insert reversible ratchet 6406 ■ 20 = 3/4" Length with / without insert tool: 1021 mm / 945 mm 								
7294-2 sTAC CAL	□ 14x18, ■ 20 = 3/4"	945	1	30–300	40–400	4.4–43.8	✓	220403
<ul style="list-style-type: none"> Torque wrench including DAkkS calibration certificate Includes insert reversible ratchet 6406 ■ 20 = 3/4" Length with / without insert tool: 1217 mm / 1141 mm 								
7295-2 sTAC CAL	□ 14x18, ■ 20 = 3/4"	1141	1	48–480	65–650	5.9–58.7	✓	220410
<ul style="list-style-type: none"> Torque wrench including DAkkS calibration certificate Integrated reversible ratchet ■ 20 = 3/4" 								
7250-2 sTAC CAL	■ 20 = 3/4"	1772	1	150–750	200–1000	12.2–60.8	✓	220342
<ul style="list-style-type: none"> SmartTAC-Tool · SmartTAC programming and evaluation software for HAZET torque wrench with built-in angle gauge of the 7000 sTAC series, also as download 								
7910-sTAC	-	-	-	-	-	-	-	221875



Torque screwdrivers

6001 Torque screwdriver · 6001 · 0.4–5.4 Nm

Made in Germany

• For all fittings with low torque e.g. disc brakes on bicycles



- Torque release clearly palpable and audible when torque setting is reached by ratcheting
- Loosening without torque function possible
- Fast and precise setting of torque values with hex-head wrench (HAZET 2100-06, included in delivery)
- Insert bit holder with magnet for all bits with $\frac{1}{4}$ " drive or HAZET Adapter 2304 for connecting to $\frac{1}{4}$ " HAZET 850 sockets
- Accuracy (tolerance) according to EN ISO 6789

Contents:

- Torque handle with insert bit holder 2239-7, offset screwdriver 2100-06
- Plastic handle



HAZET No.	Output	l mm	Release accuracy tolerance %	Nm		EAN-No. 4000896+
• For all screw connections with low torque e.g. valve cores on tyre pressure control systems						
• For tightening torques from 0.4 to 1.4 Nm						
6001-1.4/3	○ 6.3 = 1/4"	–	10	0.4–1.4	3	190980
• For tightening torque values from 0.6 up to 1.5 Nm						
6001-1.5/3	○ 6.3 = 1/4"	–	10	0.6–1.5	3	141678
• According to VW Service Information e.g. for the fastening screws at the air-filter housing on 1.4 l engine with turbocharger on VW Eos, Golf, Golf Plus and Passat						
6001-3.0/3	○ 6.3 = 1/4"	–	6	1.5–3	3	141685
6001-5.4/3	○ 6.3 = 1/4"	–	6	3–5.4	3	141692
• Adapter ■ 6.3 = 1/4" – ● 6.3 = 1/4"						
2304	–	25	–	–	–	016020

6000 CT Torque screwdriver · SYSTEM 6000 CT · ± 5% accuracy · 0.1–6 Nm

- Accuracy ± 5% of scale value (in direction of actuation)
- For bits with 6.3 = 1/4" outside hexagon drive
- Operation of sockets (□ drive 6.3 = 1/4") with HAZET 2304 adapter
- Plastic handle
- DIN EN ISO 6789



HAZET No.	Output	l mm	Release accuracy tolerance %	Nm	cNm	Nm	EAN-No. 4000896+
6002 CT	○ 6.3 = 1/4"	170	5	0.1–1.2	10–120	0.01	023004
6003 CT	○ 6.3 = 1/4"	230	5	1–6	100–600	0.1	023011
• Adapter ■ 6.3 = 1/4" – ● 6.3 = 1/4"							
2304	–	25	–	–	–	–	016020



SYSTEM 6300 CT

- With lockable torque setting

- Especially suitable for application in industrial series production

Adjusting the desired torque value with adjustment wrench 6399 in conjunction with HAZET torque tester 7901 E, 7902 E, 7903 E or any other suitable device.

All torque wrenches of this line (HAZET 6391-6392) are without scale and without signal transmitter

6300 Torque wrench · ±2% accuracy · 6391-10 6% · 1–12 Nm

Made in Germany

- Particularly easy to use thanks to short design

- Universal application thanks to connection for insert tools

- Accuracy ± 2% (6391-10: 6%) of set value (in direction of actuation)

Left tightening with same accuracy possible by reversing the wrench

- Plug-and-socket connection to hold insert tools

- Permanently adjustable value

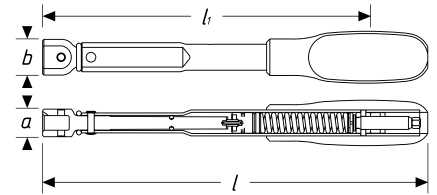
- Especially suitable for application in industrial series production

Setting the desired torque value with adjustment wrench 6399 together with HAZET torque tester 7901 E, 7902 E, 7903 E or any other suitable device.

All wrenches of this series (HAZET 6391-6392) are without a scale and a signal transmitter

- With calibration certificate and serial number

- DIN EN ISO 6789-2:2017



HAZET No.	Output	l mm	l _t mm	a mm	b mm	Release accuracy tolerance %	Nm		EAN-No. 4000896+
6391-10	□ 9x12	124	102	17	22	6	1–10	0.8–8.4	208951
6391-12	□ 9x12	124	102	17	22	2	2–12	1.7–10.1	027026
• Factory preset triggering value as requested									
6391-12 V	□ 9x12	124	102	17	22	2	2–12	1.7–10.1	145850

6300 Torque wrench · ±2% accuracy · 2–35 Nm

Made in Germany

- Accuracy ± 2% of set value (in direction of actuation)

Left tightening with same accuracy possible by reversing the wrench

- Plug-and-socket connection to hold insert tools

- Permanently adjustable value

- Especially suitable for application in industrial series production

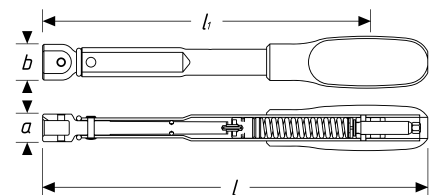
Setting the desired torque value with adjustment wrench 6399 together with HAZET torque tester 7901 E, 7902 E, 7903 E or any other suitable device

All wrenches of this series (HAZET 6391-6392) are without a scale and a signal transmitter

- With calibration certificate and serial number

- DIN EN ISO 6789-2:2017

(E) 9 x 12



HAZET No.	Output	l mm	l _t mm	a mm	b mm	Release accuracy tolerance %	Nm		EAN-No. 4000896+
6391-25	□ 9x12	183	143	17	22	2	2–25	1.2–14.7	027040
6391-35	□ 9x12	183	143	17	22	2	15–35	8.8–20.6	027057
• Factory preset triggering value as requested									
6391-25 V	□ 9x12	183	143	17	22	2	2–25	1.2–14.7	145867
6391-35 V	□ 9x12	183	143	17	22	2	15–35	8.8–20.6	145874

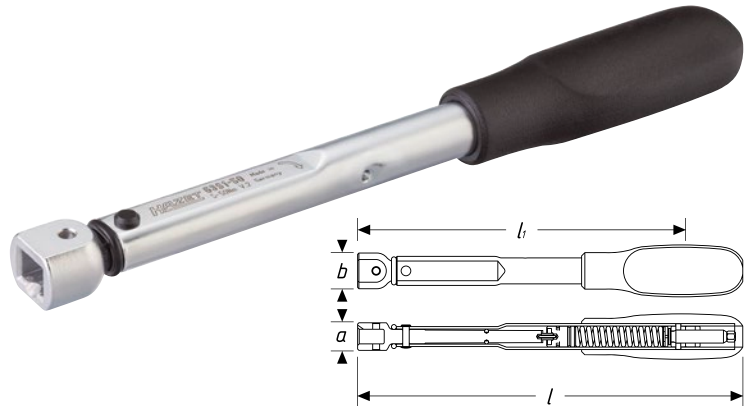



6300 Torque wrench · ±2% accuracy · 5–85 Nm

Made in Germany

- Accuracy ± 2% of set value (in direction of actuation)
Left tightening with same accuracy possible by reversing the wrench
- Plug-and-socket connection to hold insert tools
- Permanently adjustable value
- Especially suitable for application in industrial series production
- Setting the desired torque value with adjustment wrench 6399 together with HAZET torque tester 7901 E, 7902 E, 7903 E or any other suitable device
- All wrenches of this series (HAZET 6391-6392) are without a scale and a signal transmitter
- With calibration certificate and serial number
- DIN EN ISO 6789-2:2017

E 9 x 12



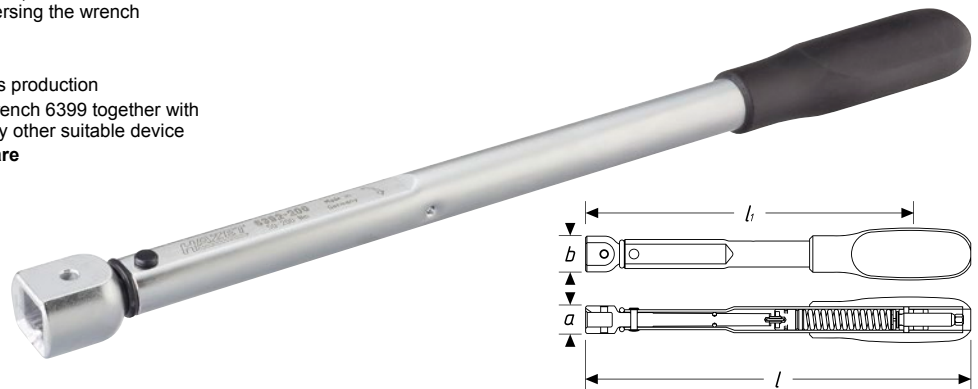
HAZET No.	Output	l mm	l_t mm	a mm	b mm	Release accuracy tolerance %	Nm		EAN-No. 4000896+
6391-50	<input type="checkbox"/> 9x12	241	201	17	22	2	5–50	2.2–22.1	027064
6391-85	<input type="checkbox"/> 9x12	316	276	17	22	2	15–85	5.0–28.3	027071
• Factory preset triggering value as requested									
6391-50 V	<input type="checkbox"/> 9x12	241	201	17	22	2	5–50	2.2–22.1	145881
6391-85 V	<input type="checkbox"/> 9x12	316	276	17	22	2	15–85	5.0–28.3	145898


6300 Torque wrench · ±2% accuracy · 50–320 Nm

Made in Germany

- Accuracy ± 2% of set value (in direction of actuation)
Left tightening with same accuracy possible by reversing the wrench
- Plug-and-socket connection to hold insert tools
- Permanently adjustable value
- Especially suitable for application in industrial series production
- Setting the desired torque value with adjustment wrench 6399 together with HAZET torque tester 7901 E, 7902 E, 7903 E or any other suitable device
- All wrenches of this series (HAZET 6391-6392) are without a scale and a signal transmitter
- With calibration certificate and serial number
- DIN EN ISO 6789-2:2017

E 14 x 18



HAZET No.	Output	l mm	l_t mm	a mm	b mm	Release accuracy tolerance %	Nm		EAN-No. 4000896+
6392-200	<input type="checkbox"/> 14x18	401	359	23	30	2	50–200	12.8–51.4	027118
6392-320	<input type="checkbox"/> 14x18	631	589	23	30	2	60–320	9.8–52.0	027125
• Factory preset triggering value as requested									
6392-200 V	<input type="checkbox"/> 14x18	401	359	23	30	2	50–200	12.8–51.4	145904
6392-320 V	<input type="checkbox"/> 14x18	631	589	23	30	2	60–320	9.8–52.0	145911

6399 Adjustment wrench

Made in Germany

- For HAZET torque wrenches 6391 to 6392 (V)



HAZET No.	l mm	EAN-No. 4000896+
6399	167	027170



Insert tool holders

6396 Tool holder

Made in Germany

- Forged from solid steel
- Plug-and-socket connection to accommodate insert tools
- Without any torque function



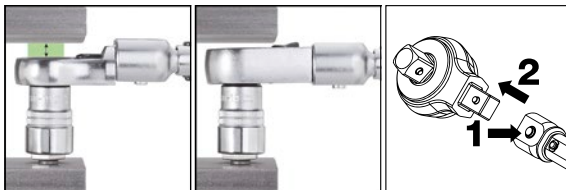
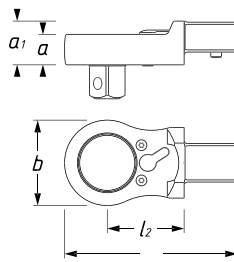
HAZET No.	Output	l mm	EAN-No. 4000896+
6396	□ 9x12	405	027132
6397	□ 14x18	635	027149

6602 Insert reversible ratchet

Made in Germany

- 40 teeth
- maximum 200 Nm (6602-1)
- maximum 320 Nm (6604-1)
- Surface: chrome-plated
- DIN 3120, ISO 1174-1

14 x 18



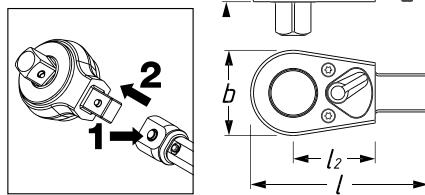
HAZET No.	Drive	Output	l mm	l ₂ mm	a mm	a ₁ mm	b mm	EAN-No. 4000896+
6602-1	■ 14x18	■ 10 = 3/8"	81	36	14.3	20.5	40	179695
6604-1	■ 14x18	■ 12.5 = 1/2"	81	36	14.3	20.5	40	179701

6401-1 Insert reversible ratchet

Made in Germany

- 6401-1 20 teeth – maximum 40 Nm
- 6402-1 30 teeth – maximum 120 Nm
- 6403-1 32 teeth – maximum 120 Nm
- 6404-1 32 teeth – maximum 300 Nm
- Drop forged
- Surface: chrome-plated
- DIN 3120, ISO 1174-1

(E)

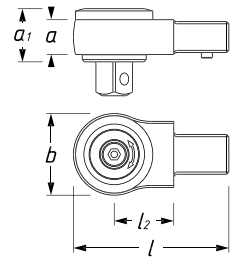
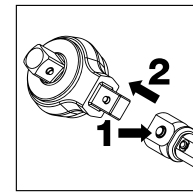


HAZET No.	Drive	Output	l mm	l ₂ mm	a mm	a ₁ mm	b mm	EAN-No. 4000896+
6401-1	■ 9x12	■ 6.3 = 1/4"	46.5	19.5	9.9	21.8	027439	
6402-1	■ 9x12	■ 10 = 3/8"	61	30	15	30	027460	
6403-1	■ 9x12	■ 12.5 = 1/2"	74.5	38.5	19.6	40	027521	
6404-1	■ 14x18	■ 12.5 = 1/2"	83.5	38.5	19.6	40	027552	

6401 Insert reversible ratchet

Made in Germany

- Fine tooth, 72 teeth, rotation angle 5°
- Drop-forged
- Surface: chrome-plated
- DIN 3120, ISO 1174-1



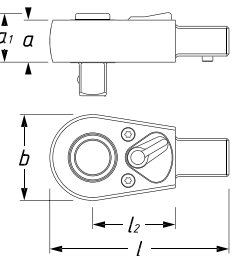
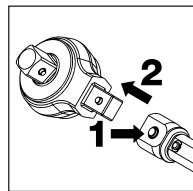
HAZET No.	Drive	Output	l mm	l ₂ mm	a mm	a ₁ mm	b mm	EAN-No. 4000896+
6401 N	■ 9x12	■ 6.3 = 1/4"	46	17.5	11	16.5	25	115204
6402	■ 9x12	■ 10 = 3/8"	58.5	26	14.5	22.7	34.5	027453
6403	■ 9x12	■ 12.5 = 1/2"	58.5	26	14.5	22.5	34.5	027514
6404	■ 14x18	■ 12.5 = 1/2"	70.5	27	15.7	24.1	37	027545
6406	■ 14x18	■ 20 = 3/4"	101	44	24	35.6	64	027576

6401 S Insert reversible ratchet

Made in Germany

- Quick-release locking device
- 6401-1 S 20 teeth
- 6402-1 S 30 teeth
- 6403-1 S 32 teeth
- 6404-1 S 32 teeth
- Drop forged
- Surface: chrome-plated
- DIN 3120, ISO 1174-1

(E)



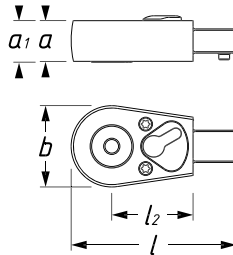
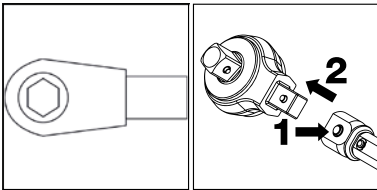
HAZET No.	Drive	Output	l mm	l ₂ mm	a mm	a ₁ mm	b mm	EAN-No. 4000896+
6401-1 S	■ 9x12	■ 6.3 = 1/4"	46.5	19.5	9.9	12.2	21.8	027446
6402-1 S	■ 9x12	■ 10 = 3/8"	61	30	15	17.2	30	027477
6403-1 S	■ 9x12	■ 12.5 = 1/2"	74.5	38.5	19.6	22.7	40	027538
6404-1 S	■ 14x18	■ 12.5 = 1/2"	83.5	38.5	19.6	22.7	40	027569



6408 Insert reversible ratchet for bits

Made in Germany

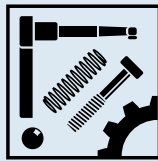
- Screwdriver bit socket
- Drop forged
- Surface: chrome-plated



HAZET No.	Drive	Output	l mm	l ₂ mm	a mm	a ₁ mm	b mm	EAN-No. 4000896+
6408	■ 9x12 ○ 6.3 = 1/4"	○ 46.5	19.5	9.9	11.7	21.8	027583	
<ul style="list-style-type: none"> • ○ drive 8 = 5/16" • 30 teeth 								
6408-1	■ 9x12 ○ 8 = 5/8"	○ 46.5	30	15	15.3	30	027590	

Wear? – No problem!

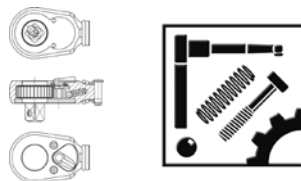
- HAZET tools are manufactured to the **highest quality**. During long intensive loading there is a certain level of wear even for high-quality tools.
- For this reason, there are spare parts and replacement sets available for many of our tools.



Cost-saving – Sustainable – Resource-saving!
For long-term pleasure with your HAZET tools

8816 Replacement set

Made in Germany



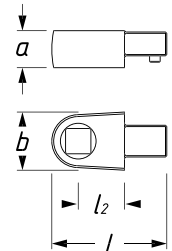
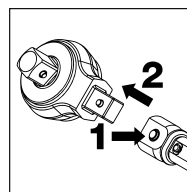
HAZET No.	Drive	Output	l mm	l ₂ mm	a mm	b mm	EAN-No. 4000896+	
<ul style="list-style-type: none"> • Replacement set for shift lever consisting of: shift lever · screws · ball · compression spring · pawl For HAZET reversible ratchet 8816 G · 8816 GK · 8816 P · 8816 S · 8816 ST 916 K · 2264-1 For HAZET torque wrench 5110-2 CT · 5120-2 CT · 5110-3 CT · 5111-3 CT · 5120-3 CT 6110 CT · 6110-1 CT · 6111-1 CT 6114-1 CT · 6115-1 CT 6402-1 · 6402-1 S · 6408-1 								
8816 P/6							144617	
<ul style="list-style-type: none"> • Replacement set for ratchet wheel 10 = 3/8" consisting of: ratchet wheel, pawl, shift lever, screws, ball, compression spring Für Umschaltknarre HAZET 8816 G · 8816 GK · 8816 P · 8816 ST For HAZET reversible ratchet 5110-2 CT · 5110-3 CT · 5111-3 CT 6110 CT · 6110-1 CT · 6111-1 CT 6114-1 CT · 6115-1 CT · 6402-1 								
8816 P/7 N							042234	

8816 Replacement set

HAZET No.	Drive	Output	l mm	l ₂ mm	a mm	b mm	EAN-No. 4000896+	
<ul style="list-style-type: none"> • Replacement set for shift lever consisting of: shift lever · screws · ball · compression spring For HAZET torque wrench 5107-2 CT · 5107-3 CT · 5108-2 CT · 5108-3 CT 6106-1 CT · 6108-1 CT · 6109-1 CT · 6109-2 CT · 6401-1 · 6401-1 S · 6408 								
6401-1/6							146048	
<ul style="list-style-type: none"> • Replacement set for ratchet wheel 6.3 = 1/4" consisting of: ratchet wheel · pawl · shift lever · screws · ball · compression spring For HAZET torque wrench 5107-2 CT · 5107-3 CT · 5108-2 CT · 5108-3 CT 6108-1 CT · 6109-1 CT · 6109-2 CT · 6401-1 								
6401/7							111169	
<ul style="list-style-type: none"> • Replacement set for ratchet wheel 6.3 = 1/4" consisting of: ratchet wheel with quick-release press-button · pawl · shift lever · screws · ball · compression spring For 6401-1 S as well as for conversion of insert reversible ratchet 5107-2 CT · 5107-3 CT · 5108-2 CT · 5108-3 CT 6106-1 CT · 6108-1 CT · 6109-2 CT 								
6401-1 S/7							111152	
<ul style="list-style-type: none"> • Replacement set for shift lever consisting of: shift lever · screws · ball · compression spring · spring washer and circlip For HAZET insert reversible ratchet 6403-1 · 6403-1 S · 6404-1 · 6404-1 S 								
6403-1/7							070756	
<ul style="list-style-type: none"> • Replacement set for ratchet wheel 12.5 = 1/2" consisting of: ratchet wheel · pawl · shift lever · screws · ball · compression spring · spring washer · locking ring For 6403-1 · 6404-1 								
6403-1/9							070749	
<ul style="list-style-type: none"> • Replacement set for ratchet wheel 12.5 = 1/2" consisting of: ratchet wheel with quick-release press-button · pawl · shift lever · screws · ball · compression spring · spring washer · circlip For 6403-1 S · 6404-1 S 								
6403-1 S/9							070817	
<ul style="list-style-type: none"> • Replacement set for ratchet wheel 10 = 3/8" consisting of: ratchet wheel with quick-release press-button · pawl · switch lever · screws · ball · compression spring For HAZET reversible ratchet 8816 S · 6402-1 S as well as for refitting HAZET reversible ratchet 8816 P · 8816 G · 8816 GK · 8816 ST · 6110 CT · 6110-1 CT · 6111-1 CT · 6114-1 CT · 6115-1 CT · 6402-1 								
8816 S/7							048465	

6413 Insert tool holder with square drives

Made in Germany



HAZET No.	Drive	Output	l mm	l ₂ mm	a mm	b mm	EAN-No. 4000896+	
<ul style="list-style-type: none"> • Tool holder insert square 9x12 • □ Drive 10 = 3/8" 								
6413-1	■ 9x12 □ 10 = 3/8"		43.5	17.5	14	22	027644	
<ul style="list-style-type: none"> • Sliding square 								
6413-2	■ 10 = 3/8" ■ 6.3 = 1/4"		22	-	-	-	048908	
6413-3	■ 10 = 3/8" ■ 10 = 3/8"		25	-	-	-	048892	
6413-4	■ 10 = 3/8" ■ 12.5 = 1/2"		30.2	-	-	-	048885	

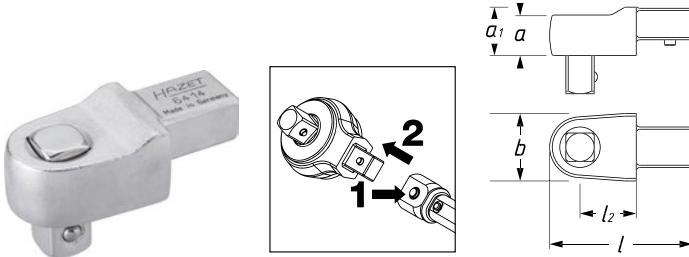


6414 Insert square drives

Made in Germany

- Surface: chrome-plated
- DIN 3120, ISO 1174-1

14 x 18

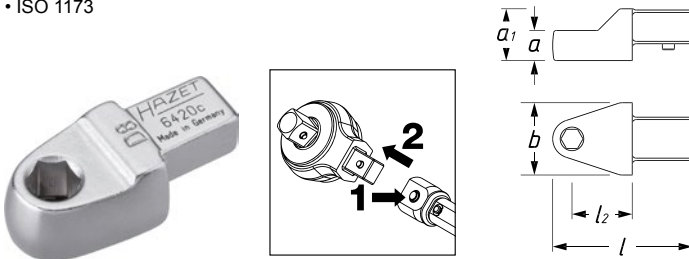


HAZET No.	Drive	Output	l mm	l2 mm	a mm	a1 mm	b mm	EAN-No. 4000896+
6414	■ 14x18	■ 12.5 = 1/2"	63.5	25	18	21.5	30	027668

6420 Insert tool holder for bits

Made in Germany

- Surface: chrome-plated
- ISO 1173

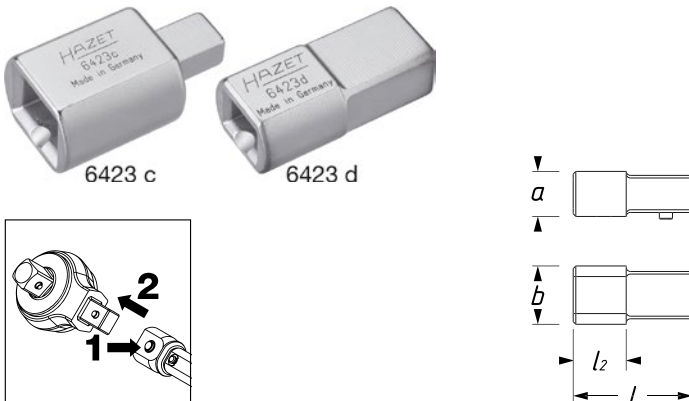


HAZET No.	Drive	Output	l mm	l2 mm	a mm	a1 mm	b mm	EAN-No. 4000896+
6420 b	■ 9x12	○ 6.3 = 1/4"	40.5	17.5	10	14.5	20	027903
6420 c	■ 9x12	○ 8 = 5/16"	41.5	17.5	12.5	14.5	20	027910
6420 d	■ 14x18	○ 8 = 5/16"	58	25	12.5	21.5	30	027927

6423 Insert adapter

Made in Germany

- Surface: chrome-plated



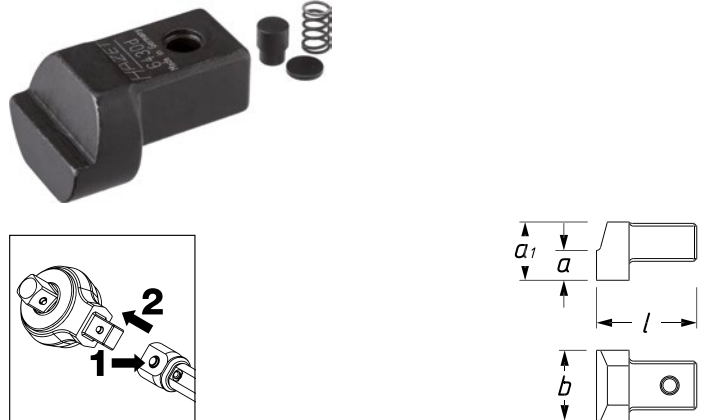
HAZET No.	Drive	Output	l mm	l2 mm	a mm	b mm	EAN-No. 4000896+
• Square insert 14 x 18 to 9 x 12							
6423 c	■ 9x12	□ 14x18	50	34	22.9	30	027934
• Square insert 9 x 12 to 14 x 18							
6423 d	■ 14x18	□ 9x12	45	20	17	22	057559

6430 Blank-end insert

Made in Germany

- Spring, bolt and cover included in delivery

Caution: when welding-on tools, the release torque values may change. Observe effective lengths (see conversion table on page 271)

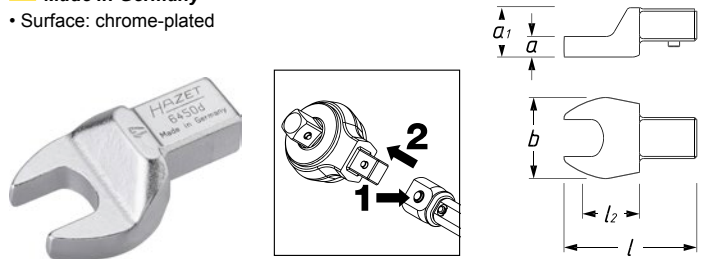


HAZET No.	Drive	l mm	a mm	a1 mm	b mm	EAN-No. 4000896+
6430 c	■ 9x12	25	10	14.5	19	027958
6430 d	■ 14x18	38	11	21.5	26	027965

6450 C Insert open-end wrench

Made in Germany

- Surface: chrome-plated



HAZET No.	S mm	Drive	Output	l mm	l2 mm	a mm	a1 mm	b mm	EAN-No. 4000896+
6450 c- 7	7	■ 9x12	●	36.5	17.5	5.5	14.5	20	028429
6450 c- 8	8	■ 9x12	●	37	17.5	5.5	14.5	21.5	028436
6450 c- 9	9	■ 9x12	●	37.5	17.5	5.5	14.5	23	028443
6450 c-10	10	■ 9x12	●	38	17.5	5.5	14.5	24.5	028320
6450 c-11	11	■ 9x12	●	38.5	17.5	5.5	14.5	26	028337
6450 c-12	12	■ 9x12	●	38.5	17.5	5.5	14.5	27.5	028344
6450 c-13	13	■ 9x12	●	39	17.5	5.5	14.5	29	028351
6450 c-14	14	■ 9x12	●	42	20	7.5	14.5	31	028368
6450 c-15	15	■ 9x12	●	42.5	20	7.5	14.5	33	028375
6450 c-16	16	■ 9x12	●	43	20	7.5	14.5	35	028382
6450 c-17	17	■ 9x12	●	43.5	20	7.5	14.5	37	028399
6450 c-18	18	■ 9x12	●	44	20	7.5	14.5	39	028405
6450 c-19	19	■ 9x12	●	45	20	7.5	14.5	41	028412
6450 d-13	13	■ 14x18	●	56.5	25	7	21.5	30	028450
6450 d-14	14	■ 14x18	●	57	25	7	21.5	32	028467
6450 d-15	15	■ 14x18	●	57.5	25	7	21.5	34	028474
6450 d-16	16	■ 14x18	●	58	25	9	21.5	35.5	028481
6450 d-17	17	■ 14x18	●	58.5	25	9	21.5	37	028498
6450 d-18	18	■ 14x18	●	59	25	9	21.5	39	028504
6450 d-19	19	■ 14x18	●	59.5	25	9	21.5	41	028511
6450 d-21	21	■ 14x18	●	60.5	25	11	21.5	45	028528
6450 d-22	22	■ 14x18	●	61	25	11	21.5	47	028535
6450 d-24	24	■ 14x18	●	62	25	11	21.5	51	028542
6450 d-27	27	■ 14x18	●	68.5	32.5	13	22.5	58.5	028559
6450 d-30	30	■ 14x18	●	70	32.5	13	22.2	63	028566
6450 d-32	32	■ 14x18	●	71.5	32.5	13	22.2	65	028573
6450 d-34	34	■ 14x18	●	73.2	32.5	13	22.2	68.5	050178
6450 d-36	36	■ 14x18	●	70	32.5	13	22.2	67	072507
6450 d-38	38	■ 14x18	●	70	32.5	13	22.2	67	072514
6450 d-41	41	■ 14x18	●	79	40	12.4	22.5	82	028580

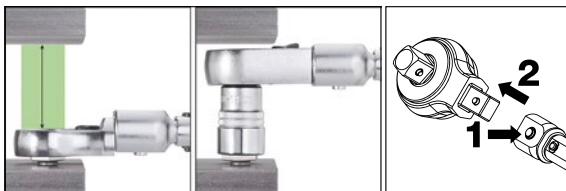
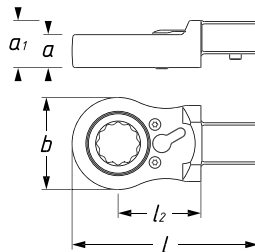


6606 D Ratcheting insert box-end wrench

- Made in Germany
- Switching function



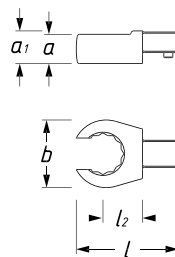
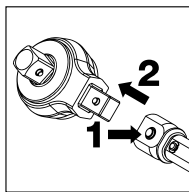
- 40 teeth
- Max.: 320 Nm
- Drop forged
- Deep-set reversing switch prevents unintentional change-over
- Specially for HAZET torque wrenches 6291-1CT – 6293-1CT
- Extra flat design with deep offset allows application in areas with restricted access
- Surface: chrome-plated



HAZET No.	S mm	Drive	Output	l mm	l ₂ mm	a mm	a ₁ mm	b mm	EAN-No. 4000896+
6606 D-16	16	■ 14x18	●	81	36	14.3	20.5	40	179923
6606 D-17	17	■ 14x18	●	81	36	14.3	20.5	40	179886
6606 D-18	18	■ 14x18	●	81	36	14.3	20.5	40	179893
6606 D-19	19	■ 14x18	●	81	36	14.3	20.5	40	179909
6606 D-21	21	■ 14x18	●	81	36	14.3	20.5	40	179916

6612 C Insert box-end wrench · open

- Made in Germany
- Surface: chrome-plated



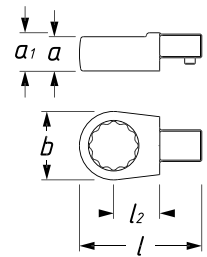
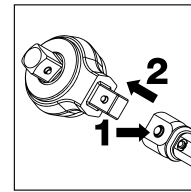
HAZET No.	S mm	Drive	Output	l mm	l ₂ mm	a mm	a ₁ mm	b mm	EAN-No. 4000896+
6612 c-10	10	■ 9x12	●	42.3	17.5	12	14.5	22	028726
6612 c-11	11	■ 9x12	●	42.8	17.5	12	14.5	22.5	028733
6612 c-12	12	■ 9x12	●	43.4	17.5	12	14.5	24	028740

6612 C Insert box-end wrench · open

HAZET No.	S mm	Drive	Output	l mm	l ₂ mm	a mm	a ₁ mm	b mm	EAN-No. 4000896+
6612 c-13	13	■ 9x12	●	43.7	17.5	12	14.5	25	028757
6612 c-14	14	■ 9x12	●	44.4	17.5	13	14.5	27	028764
6612 c-16	16	■ 9x12	●	45.4	17.5	13	14.5	30	028771
6612 c-17	17	■ 9x12	●	45.9	17.5	13	14.5	31.5	028788
6612 c-18	18	■ 9x12	●	46.1	17.5	15	15	33	028795
6612 c-19	19	■ 9x12	●	46.8	17.5	15	15	34.5	028801
6612 c-21	21	■ 9x12	●	48	17.5	15	15	37.5	028818
6612 c-22	22	■ 9x12	●	48.8	17.5	15	15	39	028825

6630 C Insert box-end wrench

- Made in Germany
- Surface: chrome-plated



HAZET No.	S mm	Drive	Output	l mm	l ₂ mm	a mm	a ₁ mm	b mm	EAN-No. 4000896+
6630 c- 7	7	■ 9x12	●	40	17.5	8	14.5	20	028955
6630 c- 8	8	■ 9x12	●	40.6	17.5	8	14.5	20	028962
6630 c-10	10	■ 9x12	●	42.1	17.5	8	14.5	20	028832
6630 c-11	11	■ 9x12	●	42.8	17.5	8	14.5	20	028849
6630 c-12	12	■ 9x12	●	43.5	17.5	12	14.5	22	028856
6630 c-13	13	■ 9x12	●	44.3	17.5	12	14.5	22	028863
6630 c-14	14	■ 9x12	●	45	17.5	12	14.5	23	028870
6630 c-15	15	■ 9x12	●	45.5	17.5	12	14.5	24	028887
6630 c-16	16	■ 9x12	●	46.5	17.5	13	14.5	26	028894
6630 c-17	17	■ 9x12	●	47	17.5	13	14.5	27	028900
6630 c-18	18	■ 9x12	●	47.8	17.5	13	14.5	28.5	028917
6630 c-19	19	■ 9x12	●	48.8	17.5	13	14.5	30.5	028924
6630 c-21	21	■ 9x12	●	50	17.5	15	15	33	028931
6630 c-22	22	■ 9x12	●	50.8	17.5	15	15	34.5	028948

6630 d-13	13	■ 14x18	●	60.8	25	12	21.5	30	028979
6630 d-14	14	■ 14x18	●	61.5	25	12	21.5	30	028986
6630 d-15	15	■ 14x18	●	62	25	12	21.5	30	028993
6630 d-16	16	■ 14x18	●	62.9	25	12	21.5	30	029006
6630 d-17	17	■ 14x18	●	63.6	25	12	21.5	30	029013
6630 d-18	18	■ 14x18	●	64.3	25	12	21.5	30	029020
6630 d-19	19	■ 14x18	●	65.3	25	12	21.5	30.5	029037
6630 d-21	21	■ 14x18	●	66.5	25	15	21.5	33	029044
6630 d-22	22	■ 14x18	●	67.3	25	15	21.5	34.5	029051
6630 d-24	24	■ 14x18	●	68.8	25	15	21.5	37.5	029068
6630 d-27	27	■ 14x18	●	76.8	31	17.5	21.5	41.5	029075
6630 d-30	30	■ 14x18	●	78.5	31	17.5	21.5	45	029082
6630 d-32	32	■ 14x18	●	79.8	31	17.5	21.5	47.5	029099
6630 d-34	34	■ 14x18	●	81.3	31	19	21.5	50.5	029105
6630 d-36	36	■ 14x18	●	82.5	31	19	21.5	53	029112
6630 d-41	41	■ 14x18	●	85.5	31	19	21.5	59	029129

Torque testers and accessories

6690 Mechanical angle dial

- Made in Germany
- Flexible, magnetic holder for the fixed point

- To be used with operating tools with ■ drive 12.5 = 1/2" (or 20 = 3/4") and tools with □ drive 12.5 = 1/2" (or 20 = 3/4")
- Range 0–360°, graduation 1°, 95 mm ∅



HAZET No.	Drive	Output	EAN-No. 4000896+
6690	□ 12.5 = 1/2"	■ 12.5 = 1/2"	029266
6690-1	□ 20 = 3/4"	■ 20 = 3/4"	029273



7900 E Torque tester · electronic · 1–25 Nm

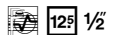
- Measuring range 1–25 Nm (maximum torque)
- Fixed hexagon socket, ● ISO 1173 C-6.3 = 1/4" adapters included ☉^{1/4} – ☉^{3/8} and ☉^{1/2} – ☉^{3/4}
- Accuracy ±1 %
- 3 operation modes:
 - Tracking mode (track)
 - Click point detection (first peak)
 - DIAL mode for peak value indication (final peak)
- Delivery includes mains adapter and RS-232C connection cable to computer and/or printer
- Compatible with HAZET testing software 7901 E-D
- Big and easy to read LED status display with 3 LED
- Quick wall or table fixation with 4 screws
- Simple handling
- Calibration in Nm, torque units lbf.ft and lbf.in may also be selected
- Possibility to enter target torque setting and percentage tolerance setting
- Including test certificate
- Weight device: 3.28 kg
Weight including case and mains adapter: 4.66 kg
- H 97.5x∅ 160 mm



HAZET No.	Drive	Nm	EAN-No. 4000896+
7903 E	● 6.3 = 1/4"	1–25	167425

7900 E Torque tester · electronic · 10–350 Nm

- Measuring range 10–350 Nm (maximum torque)
- Fixed square socket, 12.5 = 1/2"
- Accuracy ±1 %
- 3 operation modes:
 - Tracking mode (track)
 - Click point detection (first peak)
 - DIAL mode for peak value indication (final peak)
- Delivery includes mains adapter and RS-232C connection cable to computer and/or printer
- Compatible with HAZET testing software 7901 E-D
- Big and easy to read LED status display with 3 LED
- Quick wall or table fixation with 4 screws
- Simple handling
- Calibration in Nm, torque units lbf.ft and lbf.in may also be selected
- Possibility to enter target torque setting and percentage tolerance setting
- Including test certificate
- Weight device: 3.28 kg
Weight including case and mains adapter: 4.66 kg
- H 97.5x∅ 160 mm



HAZET No.	Drive	Nm	EAN-No. 4000896+
7901 E	□ 12.5 = 1/2"	10–350	140671

7900 E Torque tester · electronic · 100–1000 Nm

- Measuring range 100–1000 Nm (maximum torque)
- Fixed hexagon socket, s 27 mm
- Accuracy ±1 %
- 3 operation modes:
 - Tracking mode (track)
 - Click point detection (first peak)
 - DIAL mode for peak value indication (final peak)
- Delivery includes mains adapter and RS-232C connection cable to computer and/or printer
- Compatible with HAZET testing software 7901 E-D
- Big and easy to read LED status display with 3 LED
- Quick wall or table fixation with 4 screws
- Simple handling
- Calibration in Nm, torque units lbf.ft and lbf.in may also be selected
- Possibility to enter target torque setting and percentage tolerance setting
- Including test certificate
- Weight device: 3.28 kg
Weight including case and mains adapter: 4.66 kg
- H 97.5x∅ 160 mm (182 mm including testing hexagon)



HAZET No.	Drive	Nm	EAN-No. 4000896+
7902 E	● 27 mm	100–1000	150229



7900 E Torque testing software

Made in Germany

• For the electronic torque testers 7901 E, 7902 E and 7903 E

- Database (updates will be available) of all current HAZET torque wrenches (whose test values are in the range of 1–1000 Nm) and insert tools included
- Optional expansion of the database to include data of other manufacturers, further release torque wrenches (click-type), insert tool holders, measuring ranges, test values, units, tolerances and standards
- Software for creating user-own certificate layouts and optional integration of company logos
- Language tool included. German and English is already available. By means of the language tool, the user creates the operating surface, tables and designation of boxes in any required language
- Internet update function
- Detailed documentation included

System prerequisite

Operating system: Windows 7® / Windows 8® / Windows 10® (64 Bit)

Memory requirement: minimum 50 MB free hard disk memory

Working memory: min. 256 MB

Ports: 1. USB port for software

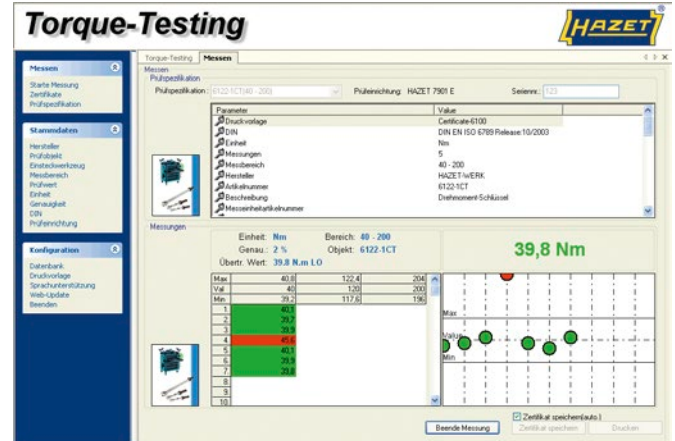
2. Ports for test devices

COM port (connecting cable included in delivery of the electronic torque test device)

Graphics resolution: minimum 1024x768

Important:

If the hardware does not have a COM port, the test device can also be connected with an adapter USB to the COM port (RS 232) (not included in delivery)



HAZET No.	EAN-No. 4000896+
7901 E-D	148202

7920 E Torque calibration unit 1–800 Nm

Made in Germany

• Modular system with high-quality, replaceable torque sensors

• Application: Calibration of indicating and releasing torque wrenches according to DIN EN ISO 6789-1:2017 and -2:2017

Motor-operated torque calibration unit controlled by integrated PC.

High-quality torque sensors:

• Replaceable torque sensors in 2 accuracy classes determine the torque range:

– 0.25% – for indicating and setting torque wrenches with an accuracy of $\pm 1\%$ (e.g. for product group 7000 sTAC · 7000 eTAC)

– 0.50% – for indicating and setting torque wrenches with an accuracy of $\pm 2\%$ (e.g. for product group 6000 CT)

• Quick-change system for nominal size sockets $\frac{6.3}{8}$ $\frac{10}{12}$ $\frac{14}{16}$ $\frac{18}{20}$ $\frac{24}{26}$ T

• Automatic sensor recognition

• Extendable arm up to 1.20 m, including height adjustment

• Directions of actuation right/left can be calibrated

• Integrated PC (Windows 10 operating system)

• Connection options for monitor, keyboard and mouse (not included in scope of delivery) as well as remote access via remote desktop

• Software included

– Test stand control

– Measurement data logging

– Calibration certificate, declaration of conformity or combination of the two (like HAZET) also with customised company data

– Parts management – HAZET data pool including all parameters for consideration of uncertainty of measurement

– Tool management

– Online update and remote maintenance service

• Dimensions Length: approx. 1140 mm (1680 mm extended) WidthxHeight: approx. 570x600 mm

• Power supply: 200–250 V / PE-N / 50–60 Hz

• 3 height-adjustable feet for horizontal alignment

• Price on request, delivery time to be coordinated



7920 E-200-1 · -2
7920 E-800-1 · -2

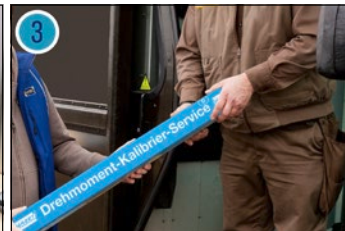


7920 E Torque calibration unit 1–800 Nm

HAZET No.	FAN-No. 4000896+
• Torque calibration unit without sensors 7920 E	223756
• Torque sensor for calibration unit 7920 E • 1–200 Nm · accuracy class 0.25 % 7920 E-200-1	219230
• Torque sensor for calibration unit 7920 E • 1–200 Nm · accuracy class 0.50 % 7920 E-200-2	219247
• Torque sensor for calibration unit 7920 E • 60–800 Nm · accuracy class 0.25 % 7920 E-800-1	219254
• Torque sensor for calibration unit 7920 E • 60–800 Nm · accuracy class 0.50 % 7920 E-800-2	219223

SP-10-30 HAZET SERVICE for torque wrenches and pneumatic tools

Made in Germany



All HAZET torque tools and pneumatic tools are serviceable! Along with repairs, we offer factory tests through to calibration in our own DAkkS calibration laboratory for torque wrenches in the HAZET Service Center. Your local HAZET partner will be happy to advise you on all the services provided by the HAZET Service Center as well as local on-site services.







Impact wrench	311–316
Air ratchet	316–320
Drilling and grinding machines (cutting and machining)	320–334
Blind rivet guns	334–335
Air blow tools	335–337
Tyre inflators and measuring instruments	338
Grease Gun, Spray Gun, Air Blow and Suction Gun	339–340
Pneumatic adaptors	340–343
Pneumatic accessories	344
Pneumatics service box	345
Cordless impact wrench, drill, right-angle grinder	348–352
Hot-Air Tools	352–353



Pictogram key

	High performance pin clutch mechanism
	Powerful twin hammer striking mechanism
	Single hammer striking mechanism
	Direct hammer striking mechanism
	TwinTurbo Technology
	Mini tool
	Output
	Air inlet thread
	Recommended torque
	Max. torque
	Max. loosening torque

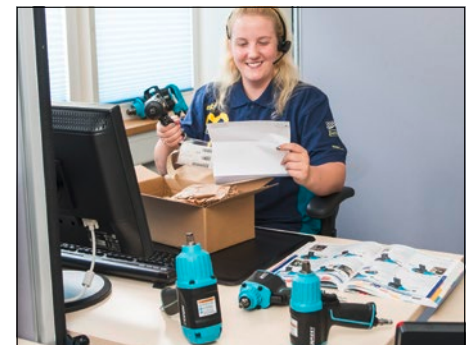
	Max. rotation speed, rpm
	Stroke
	Max. rotation speed, rpm Forward/reverse
	Weight (net) [without nipples]
	Pressure hose
	Air requirement
	Working pressure
	Sound pressure level (Lp A)
	Sound power level (Lp W)
	Vibration acceleration
	Screw size

	Collet chuck
	Grinding disc Ø
	Saw stroke
	Cutting capacity: sheet steel
	Cutting capacity: aluminium
	Measuring range (manometer)
	Scale graduation
	Temperature range
	Cold-insulated handle
	Number of pieces in set / assortment

All pneumatic machines are operated with 6.3 bar.

HAZET SERVICE for torque wrenches and pneumatic tools

All HAZET torque tools and pneumatic tools are serviceable! Along with repairs, we offer factory tests through to calibration in our own DAkkS calibration laboratory for torque wrenches in the HAZET Service Center. Your local HAZET partner will be happy to advise you on all the services provided by the HAZET Service Center as well as local on-site services.



The HAZET Service Centre

Direct contact and coordination point for services for all of our products

- In our specially equipped Service Centre, you can receive the best aftersales service with short response times and the complete HAZET competence.





When using pneumatic tools, there are various different parameters to consider to achieve the best possible result.

Our operating instructions contain technical information, e.g. details on working pressure, hose diameter, etc.

These details must be observed at all costs, since they have a considerable impact on the pneumatic tool's performance.

Working pressure

- Reducing the recommended working pressure by 1 bar results in a performance reduction of up to 25%.
- Too narrow or too long a hose reduces the air flow rate and with it the performance of the product.
- A higher than specified working pressure accelerates wear and tear of the tool.

Compressor

- A pneumatic tool is powered by compressed air. A compressor is needed to generate the compressed air. The compressor has to be chosen in such way that it can continuously generate the required amount of compressed air.
- With our pneumatic tools we specify in the operating instructions how much air is needed to achieve the required output. Depending on the model, our impact wrenches require between 70 and 283 litres of compressed air per minute at a working pressure of approx. 6.3 bar.
- Often the specifications on the compressor are stated "without pressure". This means that when "150 litres per minute" can be found as a specification on a compressor, this is the amount of compressed air produced by the compressor **without** pressure in the tank.
- If the required working pressure increases, the amount of air produced decreases drastically. For the production and storage of 150 litres of compressed air per minute at a working pressure of 6.3 bar, a large workshop compressor is required. An "ordinary household compressor" with a compressed air tank of 25 litres produces an average of 200 litres of compressed air per minute. In doing so, the motor (usually approx. 1.5 kW / 2 PS) works against a pressure of at least 6.3 bar in the compressed air tank. This means that often only an effective potential of one tenth, i.e. approx. 15 litres per minute is left over.
- Therefore it is advisable to align the specifications of the compressor and the tool which is to be used.

Air hose

- The hose diameter and length are both decisive factors for the full performance of the compressed air devices. The **internal** hose diameter should not exceed 10 mm in order to ensure the required air flow rate. The shorter the hose from the compressor to the device is, the lower the friction loss and the full pressure produced by the compressor is available to the device.

Maintenance and care

- Clean, dry air and oiling daily are guarantors for your pneumatic devices' long service life
- The long service life of the pneumatic tool is critically dependent on maintenance.
- Note the specifications in the operating instructions regarding storage and maintenance.

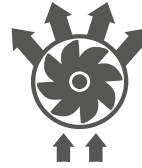




TwinTurbo technology by HAZET

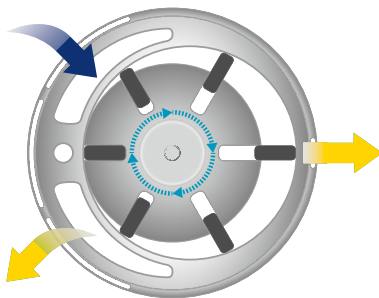
Strongest HAZET impact wrench series ever Exclusively at HAZET

- Maximum efficiency due to the ground-breaking “HAZET TwinTurbo technology” enables high torques with a compact design
- Innovative 8-slat air motor with 25% higher impact performance ensures maximum torque
- Long service life and high efficiency in industrial and automotive applications
- Significantly higher performance results in faster loosening of the screw connection during the screwing procedure and is thereby twice as efficient.
- Advantage: time saving, as the work procedure is completed faster, thereby consuming less air = cost savings!



Standard

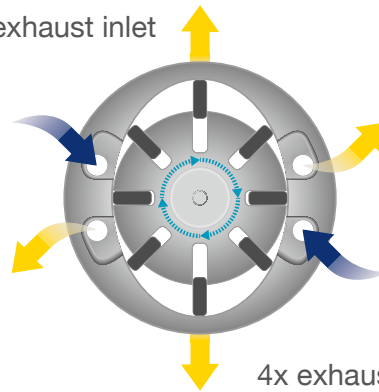
1x exhaust inlet



2x exhaust outlet

TwinTurbo

2x exhaust inlet



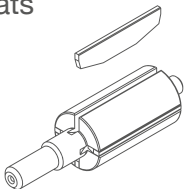
4x exhaust outlet

Mini range of pneumatic tools

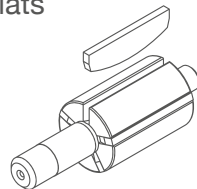
- Extremely small and handy
- High reliability and continuous operation
- Includes safety operating lever (except 9023 M-1)
- Innovative 5-slat concept for even more power than conventional drives



Standard:
4 slats



Mini tool:
5 slats





Pneumatic Tools



Overview of HAZET impact wrenches

		■	max. Nm	Nm	max. Nm	db (A) LpA	db (A) LpW	l/min.	kg	Striking mechanism	m/s ²
	9011 M	10 3/8"	461	375	461	90.3	101.3	85.2	1.24		7.78
	9012 M	12 5/8"	1100	610	678	97.1	108.1	127	1.242		9.57
	9012 M-1	12 5/8"	1200	610	678	92.2	103.2	127.4	1.27		13.49
	9012 MT	12 5/8"	1400	620	745	92.7	102	135	1.32		8.74
	9012 A TT	12 5/8"	550	450	500	90.1	101.1	113	1.3		4.89
	9012 SPC	12 5/8"	850	550	750	92.1	103.1	127.4	2.6		7.42
	9012 EL-SPC	12 5/8"	1700	881	1054	98	109	139	1.98		10.23
	9012 TT	12 5/8"	2200	948	1356	99.7	110.7	147.2	1.6		8.69
	9013 M	20 3/4"	1890	922	1085	104	93	153	2.1		7.47
	9013 Lg TT	20 3/4"	3800	1758	2020	102.5	113.5	243	5.5		9.017
	9013 TT	20 3/4"	4100	1890	2170	99.5	110.5	243.5	4.5		10.69
	9014 TT	25 1"	4100	1898	2170	101.9	112.9	235	4.6		19.11
	9014 PS-1	25 1"	3400	2400	2712	103.5	114.5	283	7.8		15.94
	9014 P-1	25 1"	3400	2400	2712	103.5	114.5	283	8.58		15.94



Overview of HAZET air ratchets

			 max. Nm	 db (A) LpA	 db (A) LpW	 l/min.	 kg	Striking mechanism	 m/s ²
	9020-2	6.3 1/4"	35	83	89	180	0.5		3.3
	9020 P-2	6.3 1/4"	40	90	101	72	0.5		3.3
	9023 M-1	6.3 1/4" 10 3/8" 6.3 1/4"	54	82.8	93.8	84	0.48		3.2
	9021-3	10 3/8"	35	83	89	180	0.5		3.3
	9021 P-2	10 3/8"	54	92	103	103	0.5		3.9
	9021 SR-1	10 3/8"	68	82	93	68	0.67		9.84
	9022-2	12 ⁵ 1/2"	70	88	95	180	1.2		8.5
	9022 P-2	12 ⁵ 1/2"	108	99	110	113	1.24		9.1
	9022 P-1	12 ⁵ 1/2"	95	88.3	99.3	77	1.39		3
	9022-360	12 ⁵ 1/2"	120	91.2	102.2	107.6	1.55		4.87
	9022 SR-1	12 ⁵ 1/2"	102	91	98	113	1.28		4.53
	9022 P-X Lg	12 ⁵ 1/2"	94.8	93.7	104.7	99.12	2.1		5.6

High performance pin clutch mechanism

Single hammer striking mechanism

Powerful twin hammer striking mechanism

Direct hammer striking mechanism



Overview of HAZET drilling and grinding machines

		db (A) LpA	db (A) LpW	l/min.	kg	m/s ²
	9030 N-1	88.7	99.7	113	1	2.1
	9030 N-5	85	96	113	1.2	0.5
	9030 P-1	88.4	99.4	113	1.3	1.2
	9032 M	80.4	86.4	75	0.23	0.8
	9032 M-36	78.7	85.8	43.7	0.38	1.8
	9032 N-1	79	85	74	0.4	0.4
	9032 N-5	78	82	74	0.5	0.5
	9032 P-1	87	98	150	0.8	0.46
	9032 Lg-1	81	78	99	0.6	0.5
	9032 M-1	82.4	93.4	84	0.33	1.8
	9032 M-5	81.9	92.9	84	0.48	5.1
	9033-2	88.8		57	0.9	
	9033 N-4	83.8	94.8	94	0.81	1.88
	9033 N-5	80	93	79	0.64	0.77
	9033 N-6	79	82	102	1.2	0.8



Overview of HAZET drilling and grinding machines

		db (A) LpA	db (A) LpW	l/min.	kg	m/s ²
	9033 N-9	85.76	96.76	91	0.72	2.43
	9033 N-7	85	96	113	2	6.5
	9033 P-8	89.5	100.5	113	1.7	3.65
	9033-10	88	88	114	0.9	1.8
	9033-11/17	75	86	79	0.54	3.11
	9033 M-7	85.8	96.8	84	0.53	1.9
	9033 M-9	83.6	94.4	84	0.6	1.9
	9033 M-11	84.2	95.2	84	0.44	1.8
	9034 P-2	86.7	97.7	99	0.4	6.13
	9035-5	97		170	2.6	
	9035 M-5	87.9	98.8	48.1	0.48	
	9035 H/6	92-105		57-594	2.5	
	9035 V/6	92-105		57-594	2.5	
	9036 N-1	80	87	104	1	1.9
	9036 N-5	80	86	104	1	1.6



Overview of HAZET blind rivet guns

		db (A) LpA	db (A) LpW	l/stroke	kg	m/s ²
	9037 SPC	73		1	1.5	
	9037 N-2			2.64	2.11	

Overview of HAZET air blow tools

		db (A) LpA	db (A) LpW	l/min.	kg	m/s ²
	9040 P-1	84		290	0.105	
	9040 P-2	84		290	0.19	
	9040 P-3	76.8		245	0.1	
	9040 P-4	83.7		235	0.165	
	9040 P-5	78		450	0.095	
	9040-3					
	9040-4	86		330	0.205	
	9040 Lg-3/2			450	0.313	

Do you know – Li-Ion batteries:

- Do not have any memory effect
- Consist of cells with 3.6 V each
- After full charge they have a higher voltage than 3.6 V i.e. 5 cells with 3.6 V each = 18 V – but after full charge a peak voltage of up to 20 V is possible
- Attention: For a longer lifetime of the battery please store it charged up to 50 to 80 % only
- Have an energy density which is twice as high as nickel cadmium batteries, for example
- Have a nominal voltage three times higher than a nickel metal hydride battery
- Require multiple complete charging cycles to reach full capacity



Overview of HAZET grease gun, spray gun, air blow and suction gun

		db (A) LpA	db (A) LpW	l/min.	kg	m/s ²
	9042 N-1			230	2	
	9042 P-4					
	9043 N-10	92	97	96	0.403	0.4
	9045 P-1			280	0.46	

Overview of HAZET cordless impact wrenches

			max. Nm	Nm	max. Nm	db (A) LpA	db (A) LpW	kg	m/s ²
	9212 SPC-1	12.5 1/2"	260	200	200	100	111	1.45	14.912
	9212 M-1	12.5 1/2"	270	220	220	99.6	110.6	1.34	15.4
	9212-3	12.5 1/2"	700	500	500	99.4	110.4	1.857	20.3
	9212-1000	12.5 1/2"	1400		1000	101	112	3.64	17.8
	9213-1000	20 3/4"	1400		1000	101	112	3.7	17.8

Overview of HAZET cordless drilling machine / right-angle grinder

		max. Nm	rpm 1	rpm 2	db (A) LpA	db (A) LpW	kg	m/s ²
	9230-2	60	0-560	0-1900	68		1.68	79
	9233-7		8000		89		2.28	7.9



Pneumatic Tools

Impact wrench



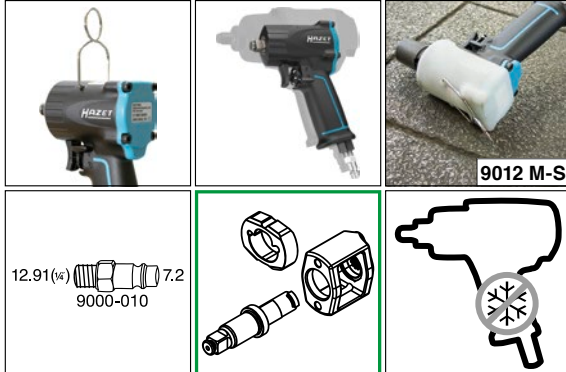
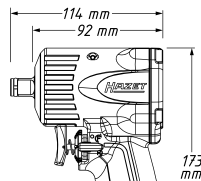
Impact wrench

9011 M Impact wrench · extra short

• **Loosening torque: 461 Nm**



- Exhaust air is guided through the handle downwards
- Reduced vibrations
- Easy handling
- **Extra short – only 92 mm**
- Single hammer striking mechanism
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Recommended torque: 375 Nm
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 101.3 db(A) Lp W
- Vibration acceleration: 7.78 m/s²
- Loosening torque (max) determined with screw size M: 13
- Forward and reverse: three-stage (forward), single-stage (reverse)
- Cold insulated handle
- **Extremely compact construction enables working in areas with restricted access**
- One-hand operation for right and left handed operators



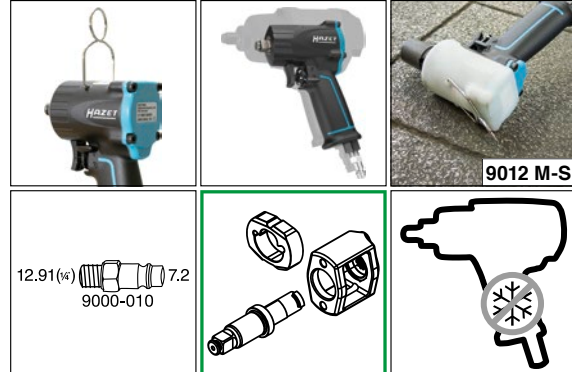
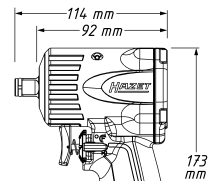
HAZET No.	max. Nm	max. Nm	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9011 M	461	461	85.2	6500	90.3	1240	201570
Silicone protective cover for 9011 M and 9012 M							
9012 M-S	-	-	-	-	-	-	202232

9012 Impact wrench · extra short

• **Loosening torque: 1100 Nm**



- Exhaust air is guided through the handle downwards
- Reduced vibrations
- Easy handling
- **Extra short – only 92 mm**
- Single hammer striking mechanism
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Recommended torque: 610 Nm
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 108.1 db(A) Lp W
- Vibration acceleration: 9.57 m/s²
- Loosening torque (max) determined with screw size M: 16
- Forward and reverse: three-stage (forward), single-stage (reverse)
- Cold insulated handle
- **Extremely compact construction enables working in areas with restricted access**
- One-hand operation for right and left handed operators



HAZET No.	max. Nm	max. Nm	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9012 M	1100	678	127	10000	97.1	1242	188987
Silicone protective cover for 9011 M and 9012 M							
9012 M-S	-	-	-	-	-	-	202232



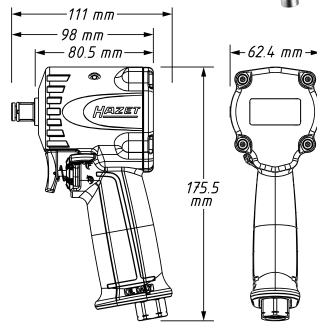


9012 Impact wrench · extra short

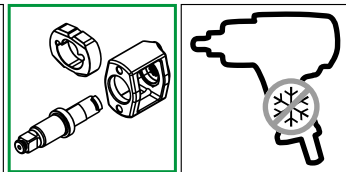
• **Loosening torque: 1200 Nm**

12½ 1/2

- Exhaust air is guided through the handle downwards
- Reduced vibrations
- Easy handling
- **Extra short – only 80 mm**
- Single hammer striking mechanism
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Recommended torque: 610 Nm
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 103.2 db(A) Lp W
- Vibration acceleration: 13.49 m/s²
- Loosening torque (max) determined with screw size M: 16
- Forward and reverse: three-stage (forward), single-stage (reverse)
- Cold insulated handle
- One-hand operation for right and left-handed operators



12.91 (IG) 7.2
9000-010



HAZET No.	max. Nm	max. Nm	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9012 M-1	1200	678	127.4	8800	92.2	1270	218356
Silicone protective cover for 9012 M-1							
9012 M-1-S	-	-	-	-	-	-	222735

• **Loosening torque: 1400 Nm**

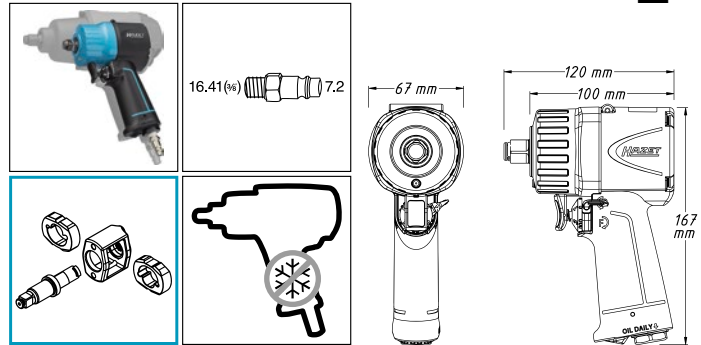
12½ 1/2

- Exhaust air is guided through the handle downwards
- Reduced vibrations
- Easy handling
- **Extra short – only 100 mm**
- Powerful twin hammer mechanism
- Air connection inlet: inside thread (IG) 16.41 mm (3/8")
- Coupler plug: Nominal size 7.2 (included)
- Recommended torque: 620 Nm
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 102 db(A) Lp W
- Vibration acceleration: 8.74 m/s²
- Loosening torque (max) determined with screw size M: 16
- Forward and reverse: three-stage (forward and reverse)
- Cold insulated handle
- Mounting bracket
- One-hand operation – for right and left handed operators equally usable



9012 Impact wrench · extra short

12½ 1/2



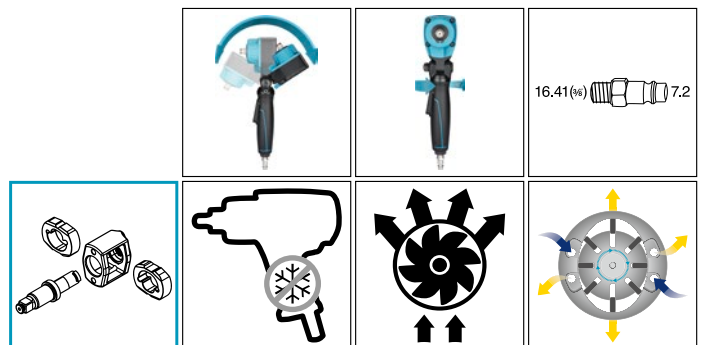
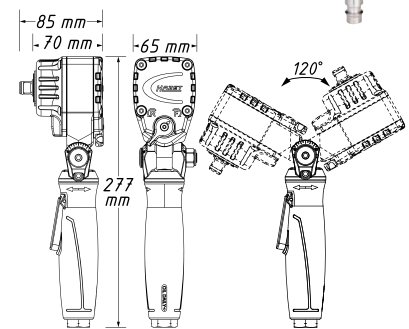
HAZET No.	max. Nm	max. Nm	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9012 MT	1400	745	135	9000	92.7	1320	203598

9012 ATT Twin Turbo impact wrench

• **Loosening torque: 550 Nm**

12½ 1/2

- Exhaust air is guided through the handle downwards
- Reduced vibrations
- Easy handling
- Handle / trigger adjustable around its own axis for optimal handling allows operation in any position
- Innovative swivel mechanism for extended application range guarantees best accessibility
- Reduced vibrations
- Easy to use
- Short, compact, angled design – only 70 mm
- One-hand operation for left and right handers
- Powerful twin hammer mechanism
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Recommended torque: 450 Nm
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 101.1 db(A) Lp W
- Vibration acceleration: 4.89 m/s²
- Loosening torque (max) determined with screw size M: 16
- Forward and reverse: single-stage (right/left)
- Cold insulated handle



HAZET No.	max. Nm	max. Nm	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9012 A TT	550	500	113	8000	90.1	1300	234738



Pneumatic Tools

Impact wrench

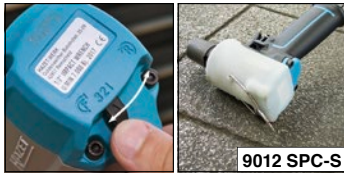


9012 Impact wrench

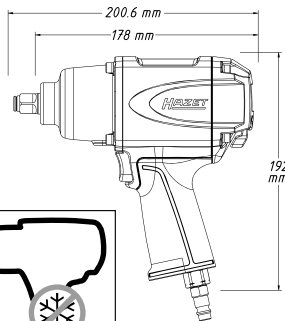
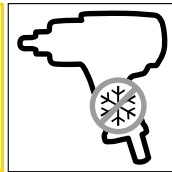
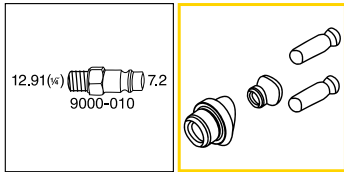
• **Loosening torque: 850 Nm**

ⓔ 12⁵ 1/2

- Exhaust air is guided through the handle downwards
- Reduced vibrations
- Easy handling
- Powerful pin clutch mechanism
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Recommended torque: 550 Nm
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 103.1 db(A) Lp W
- Vibration acceleration: 7.42 m/s²
- Loosening torque (max) determined with screw size M: 16
- Forward and reverse: three-stage (forward), single-stage (reverse)
- Cold insulated handle
- Enhanced power characteristics due to new, specially developed air motor as well as efficient air guide and improved pull-up torque of the air motor
- Specially heat-treated inner parts for minimised wear
- Ergonomically shaped handles and housing for improved handling and operation



9012 SPC-S



HAZET No.	max. Nm	max. Nm	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9012 SPC	850	750	127.4	7000	92.1	2600	119639
Silicone protective cover for 9012 SPC · 9012-1 SPC · 9012 P-1							
9012 SPC-S	-	-	-	-	-	-	222476

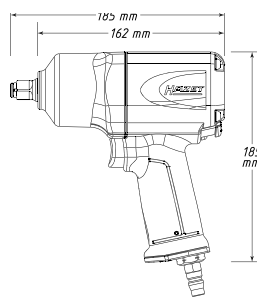
• **Loosening torque: 1700 Nm**

ⓔ 12⁵ 1/2

- Exhaust air is guided through the handle downwards
- Reduced vibrations
- Easy handling
- Powerful twin hammer mechanism
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Recommended torque: 881 Nm
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 109 db(A) Lp W
- Vibration acceleration: 10.23 m/s²
- Loosening torque (max) determined with screw size M: 16
- Forward and reverse: four-stage (counterclockwise rotation), single-stage (clockwise rotation)
- Cold insulated handle
- **One-hand operation by innovative changeover on rear of device**

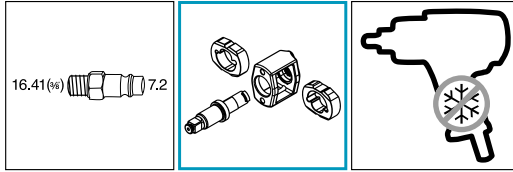


9012 EL-SPC-S



9012 Impact wrench

ⓔ 12⁵ 1/2



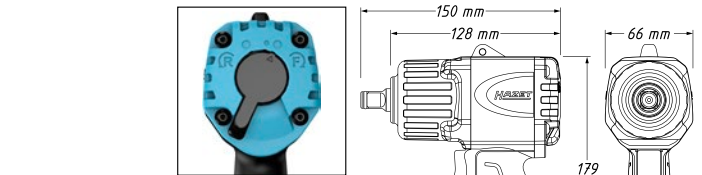
HAZET No.	max. Nm	max. Nm	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9012 EL-SPC	1700	1054	139	8000	98	1980	188444
Silicone protective cover for 9012 EL-SPC							
9012 EL-SPC-S	-	-	-	-	-	-	222520

9012 TT Twin Turbo impact wrench

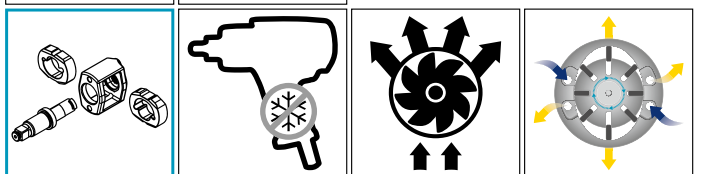
• **Loosening torque: 2200 Nm**

12⁵ 1/2

- Exhaust air is guided through the handle downwards
- Reduced vibrations
- Easy handling
- Short design – only 128 mm
- HAZET Twin Turbo technology – high torques with compact design
- Innovative 8-blade air motor with 25% higher impact performance ensures maximum torques
- One-hand operation for right and left-handed users
- Powerful twin hammer mechanism
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Recommended torque: 948 Nm
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 110.7 db(A) Lp W
- Vibration acceleration: 8.69 m/s²
- Loosening torque (max) determined with screw size M: 16
- Forward and reverse: two-stage (forward), single-stage (reverse)
- Cold insulated handle



16.41(66) 7.2



HAZET No.	max. Nm	max. Nm	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9012 TT	2200	1356	147.2	8300	99.7	1600	226924
Low noise hose for noise reduction of the HAZET Twin Turbo impact wrenches 9012 MTT · 9012 TT							
Spring clamp for fixing the hose to the handle							
9040-012	-	-	-	-	-	-	232987

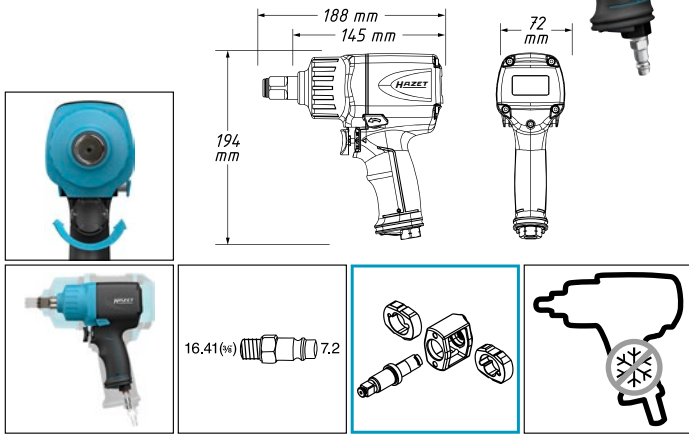


9013 Impact wrench

• **Loosening torque: 1890 Nm**

20 3/4"

- Exhaust air is guided through the handle downwards
- Reduced vibrations
- Easy handling
- **20 mm (3/4") impact wrench in 12.5 mm (1/2") housing size**
- Powerful twin hammer mechanism
- Air connection inlet: inside thread (IG) 16.41 mm (5/8")
- Coupler plug: Nominal size 7.2 (included)
- Recommended torque: 922 Nm
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 93 db(A) Lp W
- Vibration acceleration: 7.47 m/s²
- Loosening torque (max) determined with screw size M: 32
- Forward and reverse: three-stage (forward), single-stage (reverse)
- Cold insulated handle



HAZET No.	max. Nm	max. Nm	l/min.	rpm	db(A) LpA	g	EAN-No. 4000896+
9013 M	1890	1085	153	7300	104	2100	212347

9013 TT Twin Turbo impact wrench

• **Loosening torque: 4100 Nm**

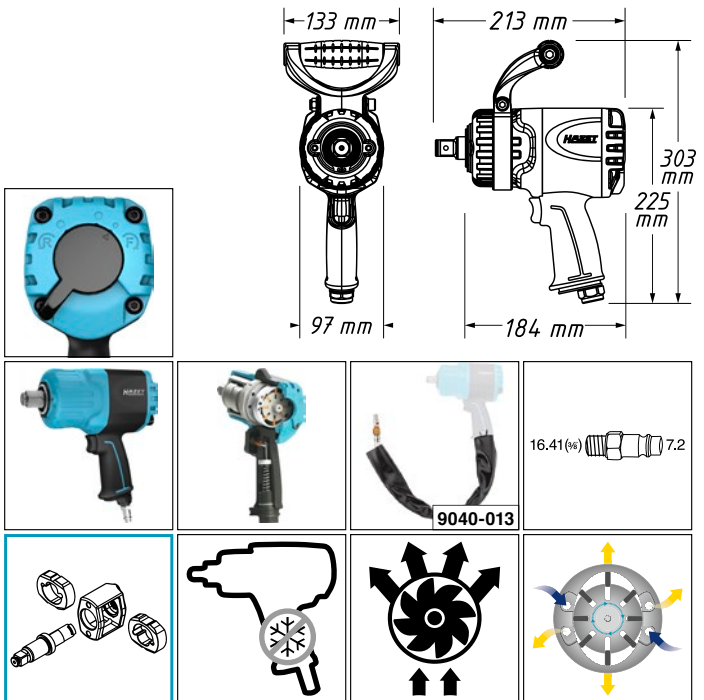
20 3/4"

- Exhaust air is guided through the handle downwards
- Reduced vibrations
- Easy handling
- Short design – only 184 mm
- Strongest HAZET impact wrench ever
- Removable handle, 360° adjustable
- HAZET Twin Turbo technology – high torques with compact design
- Innovative 8-blade air motor with 25% higher impact performance ensures maximum torques
- One-hand operation for right and left-handed users
- Powerful twin hammer mechanism
- Air connection inlet: inside thread (IG) 16.41 mm (5/8")
- Coupler plug: Nominal size 7.2 (included)
- Recommended torque: 1890 Nm
- Hose diameter (recommended): 13 mm
- Working pressure (bar): 6.3
- Sound power level: 110.5 db(A) Lp W
- Vibration acceleration: 10.69 m/s²
- Loosening torque (max) determined with screw size M: 32
- Forward and reverse: two-stage (forward), single-stage (reverse)
- Cold insulated handle



9013 TT Twin Turbo impact wrench

20 3/4"



HAZET No.	max. Nm	max. Nm	l/min.	rpm	db(A) LpA	g	EAN-No. 4000896+
9013 TT	4100	2170	243.5	5200	99.5	4500	227143

Low noise hose for noise reduction of the HAZET Twin Turbo impact wrenches 9013 TT · 9013 Lg TT
Spring clamp for fixing the hose to the handle
9040-013 - - - - - 232994

9013 TT Twin Turbo impact wrench

• **Loosening torque: 3800 Nm**

20 3/4"

- Exhaust air is guided through the handle downwards
- Reduced vibrations
- Easy handling
- Spindle length 186 mm – for reaching deeply located screw connections
- Strongest HAZET impact wrench ever
- Removable mounting bracket, 360° adjustable
- HAZET Twin Turbo technology – high torques with compact design
- Innovative 8-blade air motor with 25% higher impact performance ensures maximum torques
- One-hand operation for right and left-handed users
- Powerful twin hammer mechanism
- Air connection inlet: inside thread (IG) 16.41 mm (5/8")
- Coupler plug: Nominal size 7.2 (included)
- Recommended torque: 1758 Nm
- Hose diameter (recommended): 13 mm
- Working pressure (bar): 6.3
- Sound power level: 113.5 db(A) Lp W
- Vibration acceleration: 9.02 m/s²
- Loosening torque (max) determined with screw size M: 32
- Forward and reverse: two-stage (forward), single-stage (reverse)
- Cold insulated handle





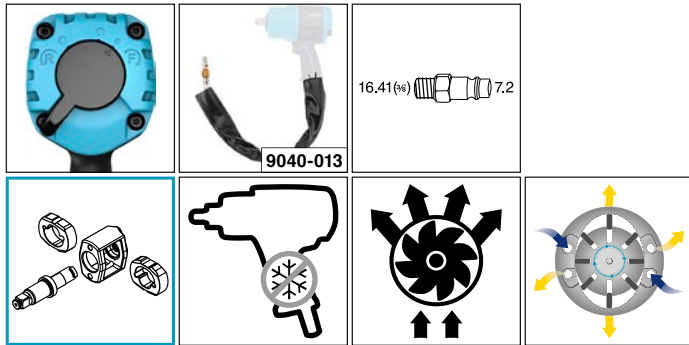
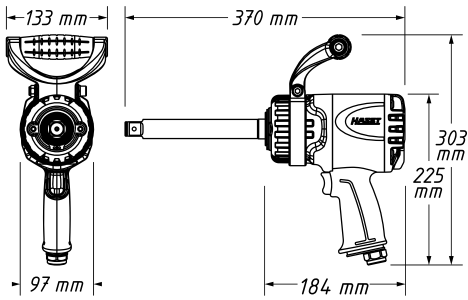
Pneumatic Tools

Impact wrench



9013 TT Twin Turbo impact wrench

20 3/4"



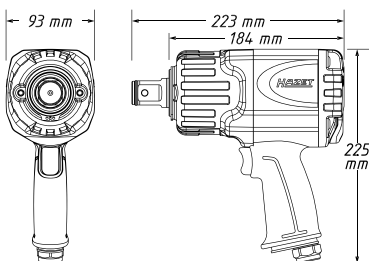
HAZET No.	max. Nm	max. Nm	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9013 Lg TT	3800	2020	243	5200	102.5	5500	232277
Low noise hose for noise reduction of the HAZET Twin Turbo impact wrenches 9013 TT - 9013 Lg TT							
Spring clamp for fixing the hose to the handle							
9040-013	-	-	-	-	-	-	232994

9014 TT Twin Turbo impact wrench

• Loosening torque: 4100 Nm

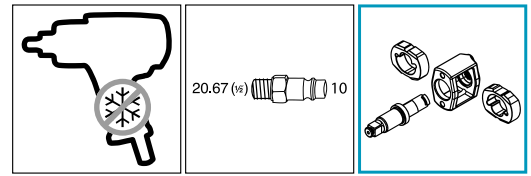
25 1"

- Exhaust air is guided through the handle downwards
- Reduced vibrations
- Easy handling
- Short, compact design
- One-hand operation for left and right handers
- Removable handle, 360° adjustable
- Connecting socket for low noise hose
- HAZET Twin Turbo technology – high torques with compact design
- Innovative 8-blade air motor with 25% higher impact performance ensures maximum torques
- Powerful twin hammer mechanism
- Air connection inlet: inside thread (IG) 16.41 mm (5/8")
- Coupler plug: Nominal size 7.2 (included)
- Recommended torque: 1898 Nm
- Hose diameter (recommended): 13 mm
- Working pressure (bar): 6.3
- Sound power level: 112.9 db(A) Lp W
- Vibration acceleration: 19.11 m/s²
- Loosening torque (max) determined with screw size M: 32
- Forward and reverse: two-stage (forward), single-stage (reverse)
- Cold insulated handle



9014 TT Twin Turbo impact wrench

25 1"



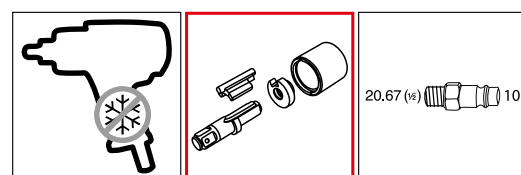
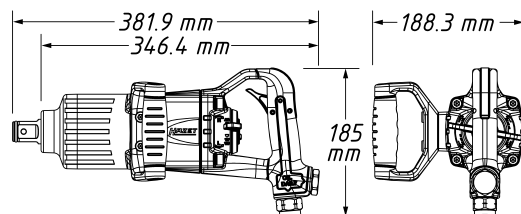
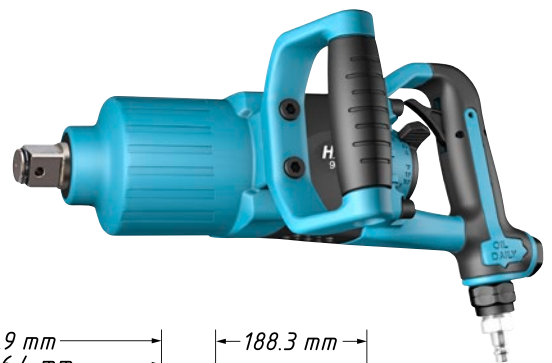
HAZET No.	max. Nm	max. Nm	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9014 TT	4100	2170	235	5200	101.9	4600	234684

9014 P Impact wrench

• Loosening torque: 3400 Nm

25 1"

- Exhaust air is guided through the handle downwards
- Reduced vibrations
- Easy handling
- Direct hammer striking mechanism
- Air connection inlet: inside thread (IG) 20.67 mm (1/2")
- Coupler plug: nominal size 10 (included)
- Recommended torque: 2400 Nm
- Hose diameter (recommended): 19 mm
- Working pressure (bar): 6.3
- Sound power level: 114.5 db(A) Lp W
- Vibration acceleration: 15.94 m/s²
- Loosening torque (max) determined with screw size M: 36
- Forward and reverse: three-stage (forward and reverse)
- Cold insulated handle
- Output designed with hole for pinning as well as a nut-driver holder ring
- Operation optimised on both sides for left and right handed users
- One-hand reversing switch
- Extremely powerful tool
- Optimised feel
- Air inlet possible on the handle at the bottom and rear



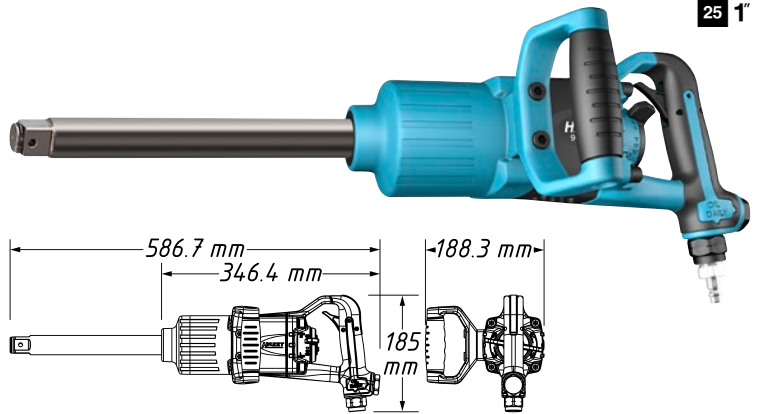
HAZET No.	max. Nm	max. Nm	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9014 PS-1	3400	2712	283	5500	103.5	7800	222490



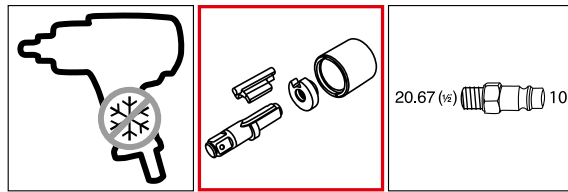
9014 P Impact wrench

• **Loosening torque: 3400 Nm**

- Exhaust air is guided through the handle downwards
- Reduced vibrations
- Easy handling
- **Long spindle (240 mm)** for optimal accessibility of wheel bolts
- Direct hammer striking mechanism
- Air connection inlet: inside thread (IG) 20.67 mm (1/2")
- Coupler plug: nominal size 10 (included)
- Recommended torque: 2400 Nm
- Hose diameter (recommended): 19 mm
- Working pressure (bar): 6.3
- Sound power level: 114.5 db(A) Lp W
- Vibration acceleration: 15.94 m/s²
- Loosening torque (max) determined with screw size M: 36
- Forward and reverse: three-stage (forward and reverse)
- Cold insulated handle
- Output designed with hole for pinning as well as a nut-driver holder ring
- Operation optimised on both sides for left and right handed users
- One-hand reversing switch
- Extremely powerful tool
- Optimised feel
- Air inlet possible on the handle at the bottom and rear



25 1"



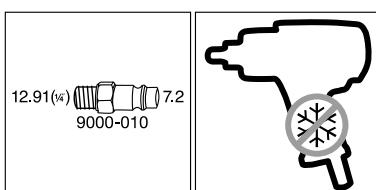
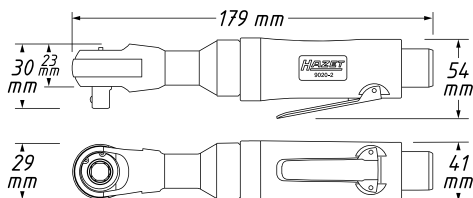
HAZET No.	max. Nm	max. Nm	l/min.	rpm	db(A) LpA	g	EAN-No. 4000896+
9014 P-1	3400	2712	283	5500	103.5	8580	218332

Air ratchet

9020 Air ratchet

- Reduced vibrations
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Working pressure (bar): 6.3
- Sound power level: 89 db(A) Lp W
- Vibration acceleration: 3.30 m/s²
- Forward and reverse: single-stage (right/left)
- Cold insulated handle

E 6.3 1/4"

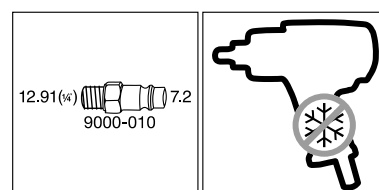
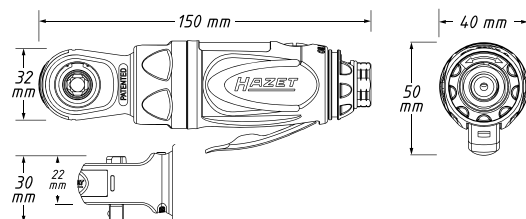


9020 Mini air ratchet

- **Short design**
- **For hand retightening with torque values > 60 Nm**

E 6.3 1/4"

- Completely closed head avoids the entry of swarf etc.
- Reduced vibrations
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 101 db(A) Lp W
- Vibration acceleration: 3.30 m/s²
- Forward and reverse: single-stage (right/left)
- Cold insulated handle



HAZET No.	max. Nm	l/min.	rpm	db(A) LpA	g	EAN-No. 4000896+
9020-2	35	180	170	83	500	109432

HAZET No.	max. Nm	l/min.	rpm	db(A) LpA	g	EAN-No. 4000896+
9020 P-2	40	72	250	90	500	184323



Pneumatic Tools

Air ratchet

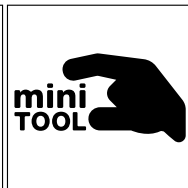
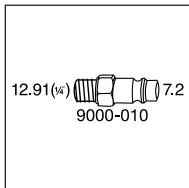
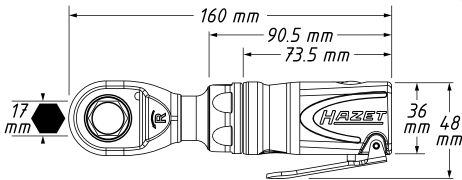


9023 M Mini multifunctional air ratchet

• Can be used for $\frac{3}{8}$ " $\frac{1}{2}$ " and $\frac{3}{4}$ " by replacing the ratchet heads

6.3 $\frac{1}{4}$ " 10 $\frac{3}{8}$ " $\frac{6.3}{16}$ " $\frac{1}{4}$ "

- Application: With the open 17 mm inside hexagon it is also possible to work on extra long threads
- Short design
- Reduced vibrations
- Exhaust air is guided through the handle
- For manual retightening with torque values 70 Nm
- Air connection inlet: inside thread (IG) 12.91 mm ($\frac{1}{4}$ "
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 93.8 db(A) Lp W
- Vibration acceleration: 3.20 m/s²
- Forward and reverse: single-stage (right/left)
- Cold insulated handle



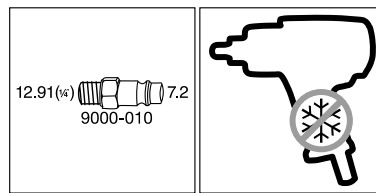
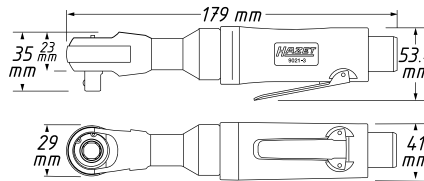
HAZET No.	max. Nm	l/min.	rpm	db(A) LpA	g	EAN-No. 4000896+
• Contents: Push-through ratchet Square socket 6.3 mm ($\frac{1}{4}$ ") Square socket 10 mm ($\frac{3}{8}$ ") Hexagon bit 6.3 mm ($\frac{1}{4}$ ")						
9023 M-1	54	159	84	400	82.8	480 4 227112
• Square socket 6.3 mm ($\frac{1}{4}$ ")						
9023 M-1-020	-	-	-	-	-	- 228225
• Square socket 10 mm ($\frac{3}{8}$ ")						
9023 M-1-021	-	-	-	-	-	- 228232
• Hexagon bit 6.3 mm ($\frac{1}{4}$ ")						
9023 M-1-B	-	-	-	-	-	- 228249



9021 Air ratchet

• Reduced vibrations E 10 $\frac{3}{8}$ "

- Air connection inlet: inside thread (IG) 12.91 mm ($\frac{1}{4}$ "
- Coupler plug: Nominal size 7.2 (included)
- Working pressure (bar): 6.3
- Sound power level: 89 db(A) Lp W
- Vibration acceleration: 3.30 m/s²
- Forward and reverse: single-stage (right/left)
- Cold insulated handle



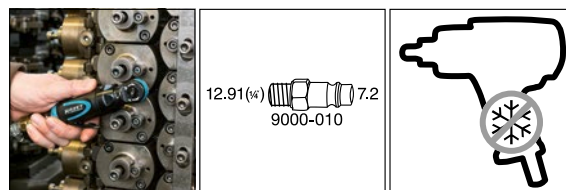
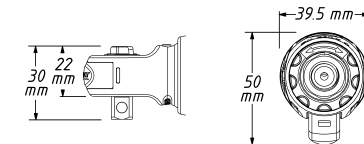
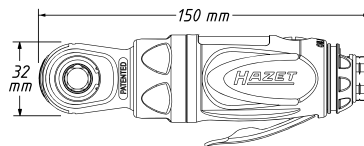
HAZET No.	max. Nm	l/min.	rpm	db(A) LpA	g	EAN-No. 4000896+
9021-3	35	180	170	83	500	116614

9021 Mini air ratchet

• Short design E 10 $\frac{3}{8}$ "

• For hand retightening with torque values > 260 Nm

- Completely closed head avoids the entry of swarf etc.
- Reduced vibrations
- Air connection inlet: inside thread (IG) 12.91 mm ($\frac{1}{4}$ "
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 103 db(A) Lp W
- Vibration acceleration: 3.90 m/s²
- Forward and reverse: single-stage (right/left)
- Cold insulated handle

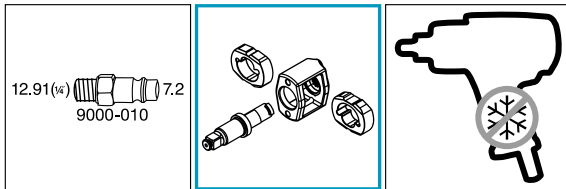
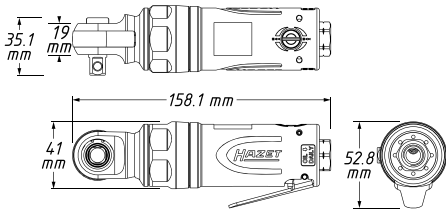


HAZET No.	max. Nm	l/min.	rpm	db(A) LpA	g	EAN-No. 4000896+
9021 P-2	54	103	300	92	500	184545



9022 Impact ratchet

- **Maximum occupational safety thanks to reaction-free striking mechanism** (E) 10 3/8
- **Low-impact**
- **Rubber ratchet head protective cover to protect against shocks and penetration by dirt**
- Application: Use in constricted spaces
- For hand retightening with torque values: 260 Nm
- Powerful twin hammer mechanism
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 93 db(A) Lp W
- Vibration acceleration: 9.84 m/s²
- Forward and reverse: single-stage (right/left)
- Cold insulated handle

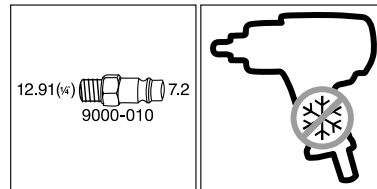
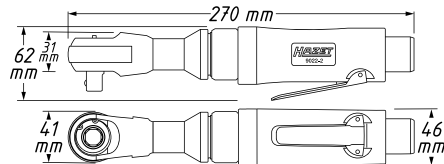


HAZET No.	max. Nm	l mm	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9021 SR-1	68	158	68	500	82	670	218295



9022 Air ratchet

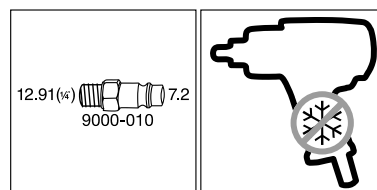
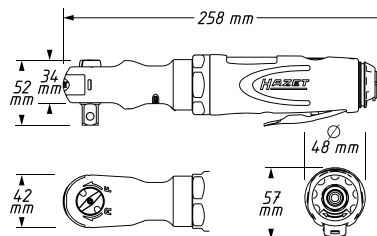
- Reduced vibrations (E) 12 1/2
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Working pressure (bar): 6.3
- Sound power level: 95 db(A) Lp W
- Vibration acceleration: 8.50 m/s²
- Forward and reverse: single-stage (right/left)
- Cold insulated handle



HAZET No.	max. Nm	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9022-2	70	180	160	88	1200	109456

For hand retightening with torque values > 400 Nm (E) 12 1/2

- Completely closed head avoids the entry of swarf etc.
- Reduced vibrations
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 110 db(A) Lp W
- Vibration acceleration: 9.10 m/s²
- Forward and reverse: single-stage (right/left)
- Cold insulated handle



HAZET No.	max. Nm	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9022 P-2	108	113	280	99	1240	184538



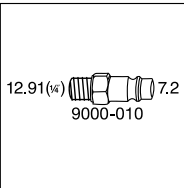
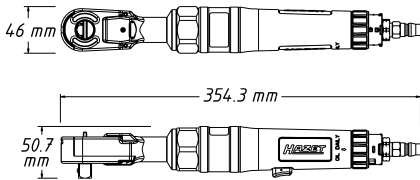
Pneumatic Tools

Air ratchet



9022 High performance air ratchet

- **Sturdy workshop construction – especially suitable for continuous operation in industrial production processes** E 12⁹ 1/2
- **Extra-strong head** made of especially heat-treated special steel
- Sturdy ratchet head suitable for **high permanent stress** (series production and the like)
- Completely closed head avoids the entry of swarf etc.
- **Long service life** and high power rating of the device (long service life = long operational availability)
- For hand retightening with torque values: 350 Nm (competing products have approx. 250 Nm)
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Sound power level: 99.3 db(A) Lp W
- Vibration acceleration: 3.00 m/s²
- Forward and reverse: single-stage (right/left)



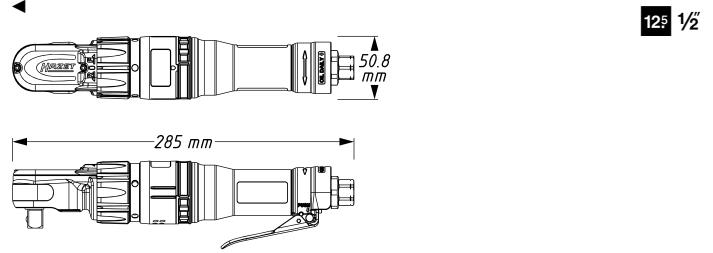
HAZET No.	max. Nm	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9022 P-1	95	77	160	88.3	1390	172269

- **360° rotatable trigger lever** E 12⁹ 1/2
- **30% less noise thanks to the ability to reduce operating noise / Quiet Mode**
- **Extremely flat head without an interfering edge thanks to the shift lever**
- **Switching between left and right via the adjusting ring on the handle**

- Extremely powerful item for applications in areas with very restricted access
- Sturdy workshop design
- Strong head made of especially heat-treated special steel
- **Long service life** and high power rating of the device (long service life = long operational availability)
- Selector valve for reduction of the noise emissions to approx. 10 db (Quiet Mode):
 - Sound power level: 92.5 db(A) Lp W
 - Sound pressure level: 81.5 db(A) Lp A
- For hand retightening with torque values: 500 Nm (competing products have approx. 250 Nm)
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 102.2 db(A) Lp W
- Vibration acceleration: 4.87 m/s²
- Forward and reverse: single-stage (right/left)
- Cold insulated handle



9022 High performance air ratchet

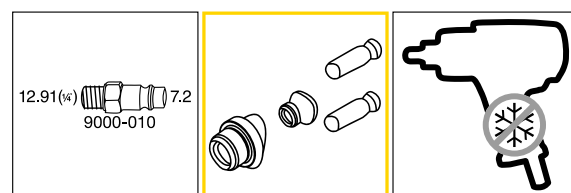
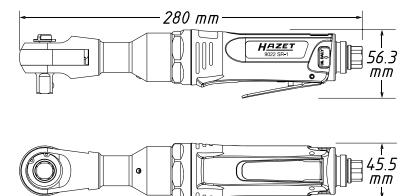


HAZET No.	max. Nm	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+	
9022-360	120	285	107.6	200	91.2	1550	209781

9022 Impact ratchet

- **Maximum occupational safety thanks to reaction-free striking mechanism** E 12⁹ 1/2
- **Low-impact**

- High torque values – approx. 30% above standard products
- Speed level – approx. 3 x higher than standard products
- Suitable for hand retightening with torque values → 270 Nm (competitive product with approx. 250 Nm only)
- Powerful pin clutch mechanism
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 98 db(A) Lp W
- Vibration acceleration: 4.53 m/s²
- Forward and reverse: single-stage (right/left)
- Cold insulated handle



HAZET No.	max. Nm	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+	
9022 SR-1	102	280	113	400	91	1280	170593

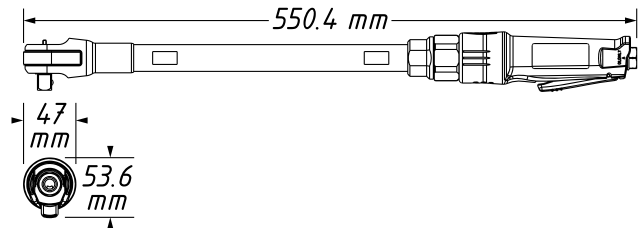
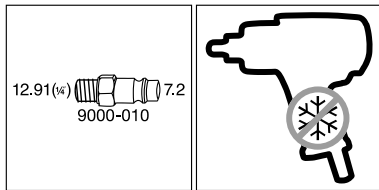


9022 Air ratchet · extra long

- Reaches even extremely hard to reach spaces and tolerates high manual retightening forces

12 1/2

- Application: Slim design, e.g. for the installation and removal of timing chain covers
- For manual retightening with torque values up to 400 Nm
- Reduced vibrations
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 104.7 db(A) Lp W
- Vibration acceleration: 5.60 m/s²
- Forward and reverse: single-stage (right/left)
- Cold insulated handle



HAZET No.	max. Nm	l mm	l/min.	rpm	db(A) LpA	g	EAN-No. 4000896+
9022 P-X Lg	94.8	551	99.12	160	93.7	2100	222513

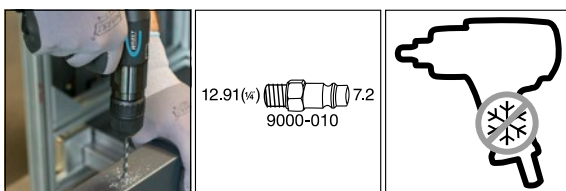
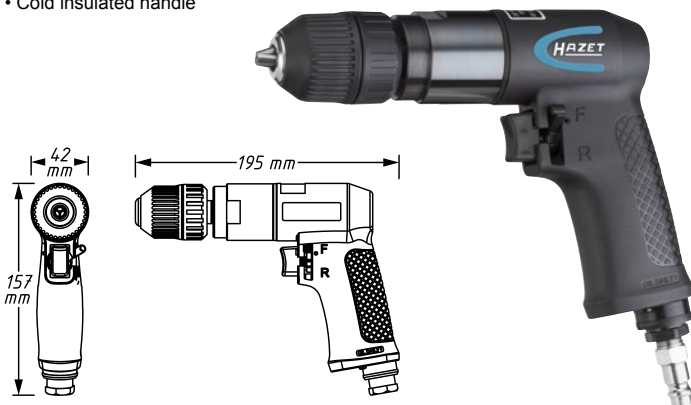
Drilling and grinding machines

9030 Drilling machine

- Exhaust air is guided downwards through the handle



- Application: Practical tool especially for car body works and industry
- Tool-free quick-clamping drill chuck
- Robust machine housing
- Suitable for continuous operation
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 99.7 db(A) Lp W
- Vibration acceleration: 2.10 m/s²
- Collet chuck: 1–10
- Forward and reverse: single-stage (right/left)
- Power in watts: 373 watts
- Cold insulated handle

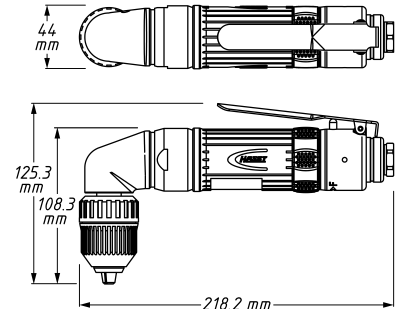
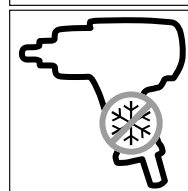
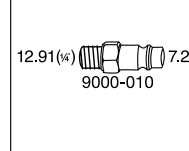


9030 Angle drill

- For working in areas with difficult access



- Keyless drill chuck
- Exhaust air is guided through the handle backwards
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 96 db(A) Lp W
- Vibration acceleration: 0.50 m/s²
- Collet chuck: 1–10
- Forward and reverse: single-stage (right/left)
- Power in watts: 373 watts
- Cold insulated handle



HAZET No.	l/min.	rpm	db(A) LpA	g	EAN-No. 4000896+
9030 N-1	113	2000	88.7	1000	206377

HAZET No.	l/min.	rpm	db(A) LpA	g	EAN-No. 4000896+
9030 N-5	113	1400	85	1200	205554



Pneumatic Tools

Drilling and grinding machines

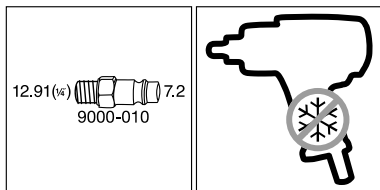
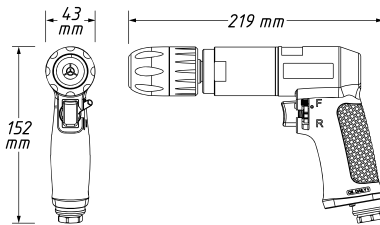


9030 Drilling machine

- Handy tool with 1–13 mm drill chuck



- Application: Bodywork and industry
- Exhaust air is guided downwards through the handle
- Tool-free quick-clamping drill chuck
- Robust machine housing
- Suitable for continuous operation
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 99.4 db(A) Lp W
- Vibration acceleration: 1.20 m/s²
- Collet chuck: 1–13
- Forward and reverse: single-stage (right/left)
- Power in watts: 373 watts
- Cold insulated handle



HAZET No.	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9030 P-1	113	800	88.4	1300	212354

9032 Micro die grinder

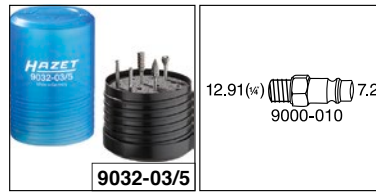
- Precise processing of workpieces even in areas with very restricted access



- Hose length: 1500 mm
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 5 mm
- Working pressure (bar): 6.3
- Sound power level: 86.4 db(A) Lp W
- Vibration acceleration: 0.80 m/s²
- Collet chuck: 3 mm
- Power in watts: 190 watts



9032 Micro die grinder



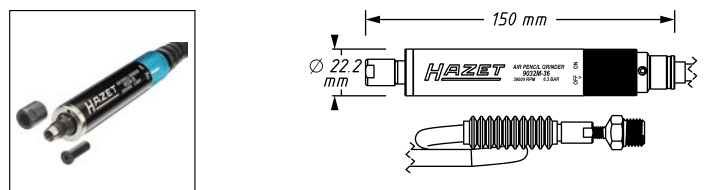
HAZET No.	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9032 M	75	60000	80.4	230	195152
9032-03/5	-	-	-	-	5 222483

- Set with 5 different milling cutters in cylindrical, tapered and spherical shape
- Head diameter (cylindrical shape): 3 / 6 mm
- Head diameter (spherical shape): approx. 3 / 6 mm

9032 Mini die grinder

- Quiet operation: integrated exhaust hose removes exhaust air from the workpiece and dampens the sound

- Application: Precise work with 3 mm und 6 mm grinding pads even in areas with restricted access
- Slim design
- 6 mm collet chuck with 3 mm adapter to accommodate both grinding pad dimensions
- Tool length: 150 mm
- Tool diameter: 22.2 mm
- Hose length: 1500 mm
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 5 mm
- Working pressure (bar): 6.3
- Sound power level: 85.8 db(A) Lp W
- Vibration acceleration: 1.80 m/s²
- Collet chuck: 6
- Power in watts: 224 watts



HAZET No.	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9032 M-36	43.7	30000	78.7	380	209606
9032-03/5	-	-	-	-	5 222483
9032-06/3	-	-	-	-	3 222667

- Set with 5 different milling cutters in cylindrical, tapered and spherical shape
- Head diameter (cylindrical shape): 3 / 6 mm
- Head diameter (spherical shape): approx. 3 / 6 mm

- Set with 3 different milling cutters in cylindrical, tapered and spherical shape
- Head diameter (cylindrical shape): 10 mm
- Head diameter (spherical shape): approx. 9 mm



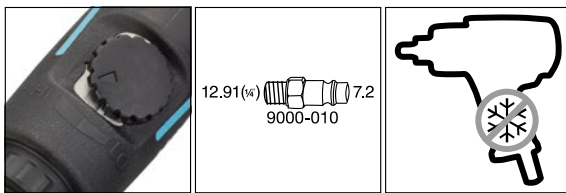
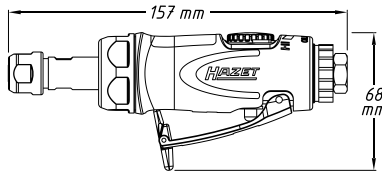
9032 Die grinder · straight design

• **Lightweight, handy device for grinding, polishing, burnishing and deburring**



• **Straight design**

- Continuous speed regulation via setting wheel on the upper side of the device
- 360° exhaust (adjustable)
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 85 db(A) Lp W
- Vibration acceleration: 0.40 m/s²
- Collet chuck: 6 mm
- Power in watts: 224 watts
- Cold insulated handle



HAZET No.	l/min.	rpm	db(A) LpA	g	□	EAN-No. 4000896+
9032 N-1	74	2000–25000	79	400	–	189359
• Spare collet chuck for 9032 M-1 · 9032 M-5 · 9032 N-1 · 9032 N-5 · 9032 P-1						
						• 3 mm Ø
9032-03 S	–	–	–	–	–	228928
• Set with 3 different milling cutters in cylindrical, tapered and spherical shape						
• Head diameter (cylindrical shape): 10 mm						
• Head diameter (spherical shape): approx. 9 mm						
9032-06/3	–	–	–	–	3	222667

9032 Die grinder · angled

• **Sanding, buffing, polishing and deburring, particularly in areas that are difficult to access**

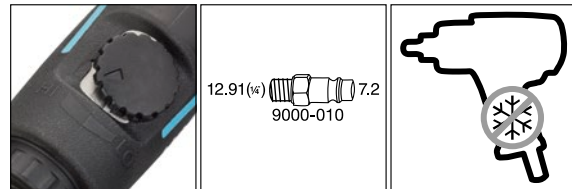
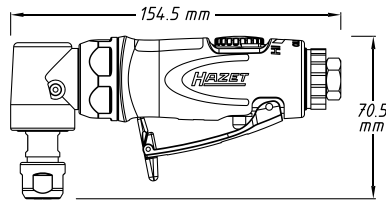


• **Angled design**

- Continuous speed regulation via setting wheel on the upper side of the device
- 360° exhaust (adjustable)
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 82 db(A) Lp W
- Vibration acceleration: 0.50 m/s²
- Collet chuck: 6 mm
- Power in watts: 224 watts
- Cold insulated handle



9032 Die grinder · angled



HAZET No.	l/min.	rpm	db(A) LpA	g	□	EAN-No. 4000896+
9032 N-5	74	2000–20000	78	500	–	198788
• Spare collet chuck for 9032 M-1 · 9032 M-5 · 9032 N-1 · 9032 N-5 · 9032 P-1						
						• 3 mm Ø
9032-03 S	–	–	–	–	–	228928
• Set with 3 different milling cutters in cylindrical, tapered and spherical shape						
• Head diameter (cylindrical shape): 10 mm						
• Head diameter (spherical shape): approx. 9 mm						
9032-06/3	–	–	–	–	3	222667

9032 Die grinder · straight design

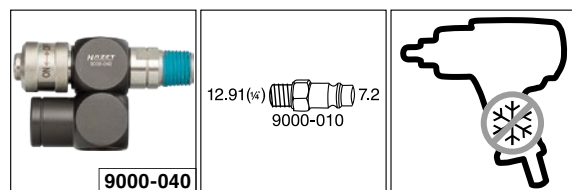
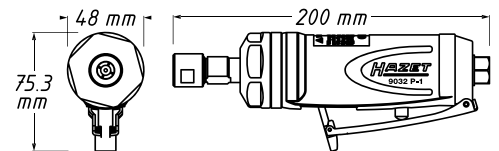
• **Extremely powerful device (700 watts)**



• **Application:** Sanding, buffing, polishing and deburring

• **Straight design**

- High ease of use
- Ergonomic design
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 98 db(A) Lp W
- Vibration acceleration: 0.46 m/s²
- Collet chuck: 6
- Power in watts: 700 watts
- Cold insulated handle



HAZET No.	l/min.	rpm	db(A) LpA	g	□	EAN-No. 4000896+
9032 P-1	150	22000	87	800	–	190508
• Spare collet chuck for 9032 M-1 · 9032 M-5 · 9032 N-1 · 9032 N-5 · 9032 P-1						
						• 3 mm Ø
9032-03 S	–	–	–	–	–	228928



Pneumatic Tools

Drilling and grinding machines



9032 Die grinder · straight design

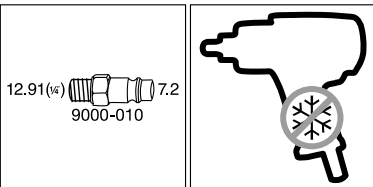


HAZET No.	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9000-040	-	-	88	-	195350
9032-06/3	-	-	-	3	222667

- 360° rotatable hinge on 2 axes
- Air flow regulation by means of setting wheel
- Set with 3 different milling cutters in cylindrical, tapered and spherical shape
- Head diameter (cylindrical shape): 10 mm
- Head diameter (spherical shape): approx. 9 mm

9032 Die grinder · straight design · long

- **Straight, long design for improved handling / guidance**
- Application: Handy device for grinding, polishing, burnishing, deburring
- Continuous speed regulation via setting wheel on the upper side of the device
- Four-jaw chuck
- Wide contact surface of the trigger for easy handling
- Optimised transmission of the trigger provides optimal dosage
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 78 db(A) Lp W
- Vibration acceleration: 0.50 m/s²
- Collet chuck: 6 mm
- Power in watts: 360 watts
- Cold insulated handle



HAZET No.	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9032 Lg-1	99	2000-22000	81	600	209675
9032-06/3	-	-	-	3	222667

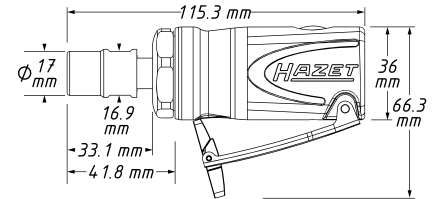
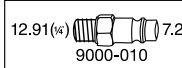
- Set with 3 different milling cutters in cylindrical, tapered and spherical shape
- Head diameter (cylindrical shape): 10 mm
- Head diameter (spherical shape): approx. 9 mm

9032 Mini die grinder · straight design

- **For working in areas with difficult access**
- Application: Extremely lightweight, handy device for grinding, polishing, burnishing and deburring
- **Straight design**
- Exhaust air is guided through the handle
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 93.4 db(A) Lp W
- Vibration acceleration: 1.80 m/s²
- Collet chuck: 6 mm
- Power in watts: 224 watts
- Cold insulated handle



9032 Mini die grinder · straight design

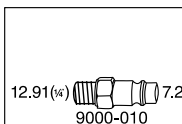
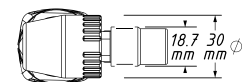
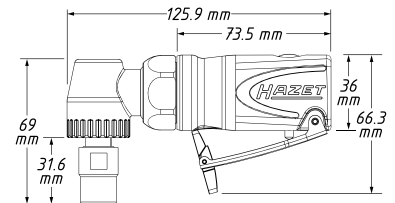


HAZET No.	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9032 M-1	84	25000	82.4	330	227099
9032-03 S	-	-	-	-	228928
9032-06/3	-	-	-	3	222667

- Spare collet chuck for 9032 M-1 · 9032 M-5 · 9032 N-1 · 9032 N-5 · 9032 P-1
- 3 mm Ø
- Set with 3 different milling cutters in cylindrical, tapered and spherical shape
- Head diameter (cylindrical shape): 10 mm
- Head diameter (spherical shape): approx. 9 mm

9032 Mini die grinder · angled

- **Heavy-duty multi-bearing gearbox with a 2.5-times longer service life compared to conventional gearboxes**
- Application: Extremely lightweight, handy device for grinding, polishing, burnishing and deburring
- **Angled design** for working in tight areas
- Exhaust air is guided through the handle
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 92.9 db(A) Lp W
- Vibration acceleration: 5.10 m/s²
- Collet chuck: 6 mm
- Power in watts: 224 watts
- Cold insulated handle



HAZET No.	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9032 M-5	84	18000	81.9	480	227105
9032-03 S	-	-	-	-	228928
9032-06/3	-	-	-	3	222667

- Spare collet chuck for 9032 M-1 · 9032 M-5 · 9032 N-1 · 9032 N-5 · 9032 P-1
- 3 mm Ø
- Set with 3 different milling cutters in cylindrical, tapered and spherical shape
- Head diameter (cylindrical shape): 10 mm
- Head diameter (spherical shape): approx. 9 mm

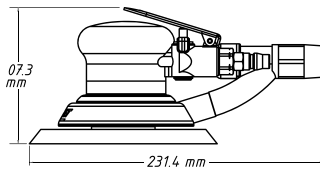
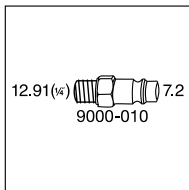


9033 Orbital sander

Dust extraction



- Suction hose (2.0 m) and collection bag included
- Continuous speed regulation
- Low height and light composite housing
- Grinding disc with 15 bore holes, \varnothing 150 mm with hook and loop fastener
- Anti-slip handle
- Air connection inlet: inside thread (IG) 12.91 mm ($\frac{1}{4}$ "
- Coupler plug: Nominal size 7.2 (included)
- Working pressure (bar): 6.3
- Stroke: 5 mm
- Power in watts: 375 watts



HAZET No.	l/min.	rpm	db(A) LpA	g	EAN-No. 4000896+
9033-2	57	12000	88.8	900	156337

Grinding pads

For orbital sander 9033-1 and -2
6 holes
For metalworking. \varnothing 150 mm.

Pack contents 10 pieces

Grain size 80

9033-180/10 - - - 161 139330

Grain size 100

9033-1100/10 - - - 133 139347

Grain size 120

9033-1120/10 - - - 139 139354

Grain size 150

9033-1150/10 - - - 123 139361

15-hole grinding disc

For Orbital sander 9033-2

- Medium hard with fiber-reinforced rear side
- With hook and loop fastener
- \varnothing 150 mm with $\frac{5}{16}$ " thread

9033-020 - - - 170 156351

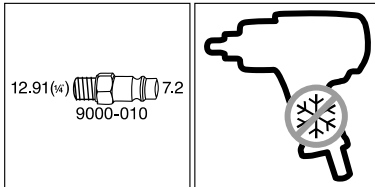
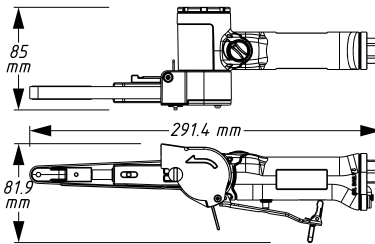
9033 Belt sanders

Continuous speed regulation via speed regulator on back of handle

- Application: For narrow surfaces (belt width 10 mm)
- Locking device for quick belt changing
- For abrasive belts 10x330 mm
- Automatic belt adjustment
- Fine adjustment of belt
- 360° rotatable belt run
- Belt speed: 1370 m / min
- Incl. hex-head wrench for fine adjustment of the belt and angle setting in the handle
- Air connection inlet: inside thread (IG) 12.91 mm ($\frac{1}{4}$ "
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 94.8 db(A) Lp W
- Vibration acceleration: 1.88 m/s²
- Power in watts: 417.6 watts
- Cold insulated handle



9033 Belt sanders



HAZET No.	l/min.	rpm	db(A) LpA	g	EAN-No. 4000896+
9033 N-4	94	19000	83.8	810	210183

Abrasive belts

For belt sander 9033-4

330x10 mm. Pack contents 10 pieces.

Grain size 80

9033-480/10 - - - 39 139101

Grain size 100

9033-4100/10 - - - 35 139118

Grain size 120

9033-4120/10 - - - 32 139125

9033 Mini orbital sander set

For working in areas with restricted access and repair work



- 36-piece set, contents:
 - 1 orbital sander
 - 2 grinding discs 50 mm (2") and 76.2 mm (3")
 - 10 grinding pads each, grain size 320 / 400 / 600
 - 1 Adjusting wrench

- With hook and loop fastener

- Grinding disc thread: M 6

- Air connection inlet: inside thread (IG) 12.91 mm ($\frac{1}{4}$ "

- Coupler plug: Nominal size 7.2 (included)

- Hose diameter (recommended): 10 mm

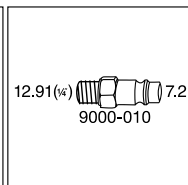
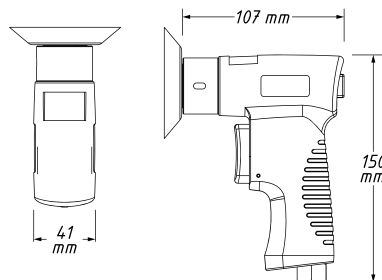
- Working pressure (bar): 6.3

- Sound power level: 93 db(A) Lp W

- Vibration acceleration: 0.77 m/s²

- Power in watts: 238 watts

- Cold insulated handle





Pneumatic Tools

Drilling and grinding machines



9033 Mini orbital sander set

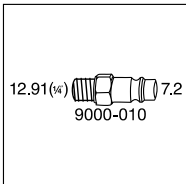
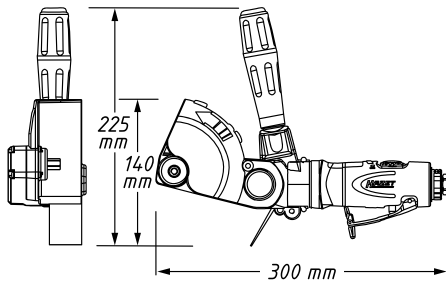


HAZET No.	l/min.	rpm	db(A) LpA	g	EAN-No. 4000896+
9033 N-5	79	15000	80	640	205585
• 10 spare grinding pads, grain size 320, 50 mm diameter					
9033-5-01/10	-	-	-	10	160525
• 10 spare grinding pads, grain size 400, 50 mm diameter					
9033-5-02/10	-	-	-	7	160730
• 10 spare grinding pads, grain size 600, 50 mm diameter					
9033-5-03/10	-	-	-	18	160747
• 10 spare grinding pads, grain size 320, 75 mm diameter					
9033-5-04/10	-	-	-	21	160754
• 10 spare grinding pads, grain size 400, 75 mm diameter					
9033-5-05/10	-	-	-	14	160761
• 10 spare grinding pads, grain size 600, 75 mm diameter					
9033-5-06/10	-	-	-	20	160778

9033 Multi sander

• Multi sander for use with brush belts, strip wheels and foil erasers

- Application: Removal of underseal, sealing compound, rust, corrosion, paint, plastic film, labels as well as for paint stripping
- Continuous speed regulation via speed regulator on back of handle
- 180° adjustable handle
- Spindle size: 9 mm (Hex)
- Delivery without accessories
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 82 db(A) Lp W
- Vibration acceleration: 0.80 m/s²
- Power in watts: 370 watts
- Cold insulated handle



9033 Multi sander



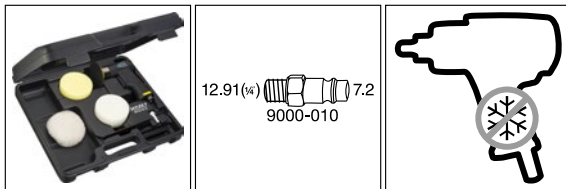
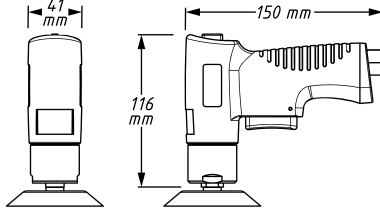
HAZET No.	l/min.	rpm	db(A) LpA	g	EAN-No. 4000896+
9033 N-6	102	4000	79	1200	209743
• 5 foil erasers (lighter design)					
• Adapter 9033-6-010 is required					
9033-6-01/5	-	-	-	1290	160167
• 5 foil erasers (darker version)					
• For water-based paints					
• Adapter 9033-6-010 is required					
9033-6-01 A/5	-	-	-	1280	160228
• 5 brush belts 23 mm wide, coarse, bent tips					
• Removing underbody protection and sealing putty, as well as paint stripping with rough sand-blasting effect					
• Adapter 9033-6-010 is required					
9033-6-02/5	-	-	-	280	160174
• 5 brush belts 11 mm wide, coarse, bent tips					
• Removing underbody protection and sealing putty, as well as paint stripping with rough sand-blasting effect					
• Adapter 9033-6-011 is required					
9033-6-03/5	-	-	-	140	160181
• 5 strip wheels					
• Adapter 9033-6-041 or 9033-6-040 is required					
9033-6-04/5	-	-	-	150	160198
• 5 brush belts 11 mm wide, fine, straight tips					
• Removing paint and rust, without sand-blasting effect					
• Adapter 9033-6-011 is required					
9033-6-05/5	-	-	-	120	160204
• 5 brush belts 23 mm wide, fine, straight tips					
• Removing paint and rust, without sand-blasting effect					
• Adapter 9033-6-010 is required					
9033-6-06/5	-	-	-	260	160211
• 1 piece adapter, 23 mm wide					
for brush belts 9033-6-02/5 · 9033-6-06/5					
and foil erasers 9033-6-01/5 · 9033-6-01 A/5					
9033-6-010	-	-	-	-	213672
• 1 piece adapter, 11 mm wide					
for brush belts (9033-6-03/5 · 9033-6-05/5)					
9033-6-011	-	-	-	-	213665
• 1 piece adapter for double strip wheels 9033-6-04/5					
9033-6-040	-	-	-	-	213641
• 1 piece adapter for single strip wheels 9033-6-04/5					
9033-6-041	-	-	-	-	213658



9033 Mini polisher set

- For working in areas with restricted access and repair work

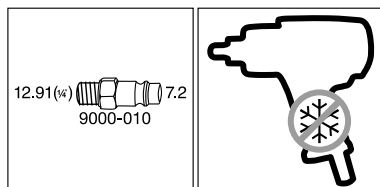
- 6-piece set, contents:
 - 1 polisher
 - 1 wet grinding pad, 75 mm \varnothing
 - 1 soft plastic pad (yellow),
 - 1 hard plastic pad (white),
 - 1 lambskin
 - 1 adjusting wrench
- Grinding disc thread M 6
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 96.76 db(A) Lp W
- Vibration acceleration: 2.43 m/s²
- Power in watts: 238 watts
- Cold insulated handle



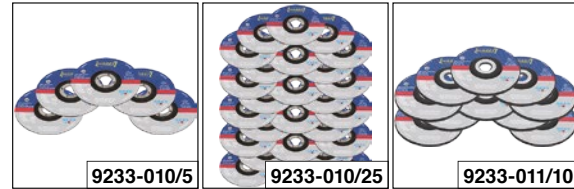
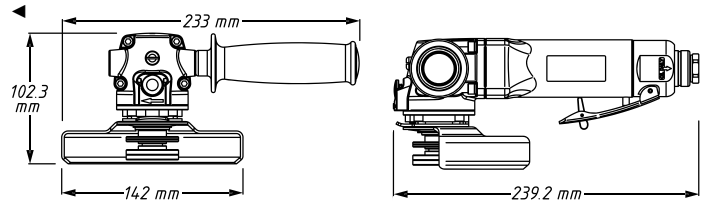
HAZET No.	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9033 N-9	91	3200	85.76	720	205561
• 5 plastic pads yellow hard, foam pad for polishing in the first work step					
9033-9-02/5	-	-	-	50	160556
• 5 plastic pads white soft, for polishing in the second work step					
9033-9-03/5	-	-	-	80	160563
• Lambskin 5 items For 9033-9					
9033-9-04/5	-	-	-	80	160570

9033 Right-angle grinder

- Lateral handle, to be used on left or right side
- Quick adjustment of protection cover without tools
- For grinding discs up to a thickness of 0.8–6 mm
- Spindle thread: M 14 x 2
- For grinding wheels 125x22 mm
- Spindle lock
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 96 db(A) Lp W
- Vibration acceleration: 6.50 m/s²
- Power in watts: 671 watts
- Cold insulated handle



9033 Right-angle grinder

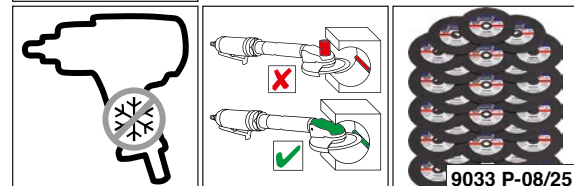
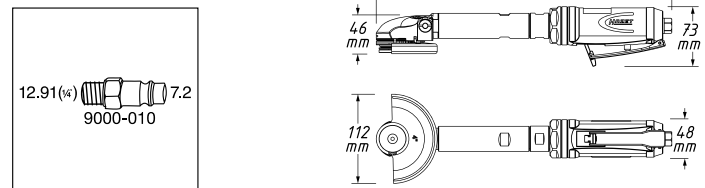


HAZET No.	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9033 N-7	113	12000	85	2000	205547
• Cut-off wheel set, 5 pieces • For 9233-7 · 9233-7/4					
9233-010/5	-	-	-	-	5 219063
• Cut-off wheel set, 25 pieces • For 9233-7 · 9233-7/4					
9233-010/25	-	-	-	-	25 219070
• Rough grinding wheel set, 10-piece • For 9233-7 · 9233-7/4					
9233-011/10	-	-	-	-	10 219087

9033 Angle grinder

- Extra flat grinding head – only 46 mm

- Application: For working areas with restricted access, suitable for cutting metal sheet and steel
- Especially suitable for application in areas with restricted access, e.g. cutting of exhaust pipe clamps when installed
- Reduced vibrations
- Quick adjustment (without tools) of protective cover
- Pressure key for locking the output (spindle locking) enables easy changing of cut-off wheels
- Diameter of the wheel holder: 10 mm (3/8")
- Including 1 cut-off wheel 100x0.8x9.53 mm
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 100.5 db(A) Lp W
- Vibration acceleration: 3.65 m/s²
- Power in watts: 700 watts
- Cold insulated handle





Pneumatic Tools

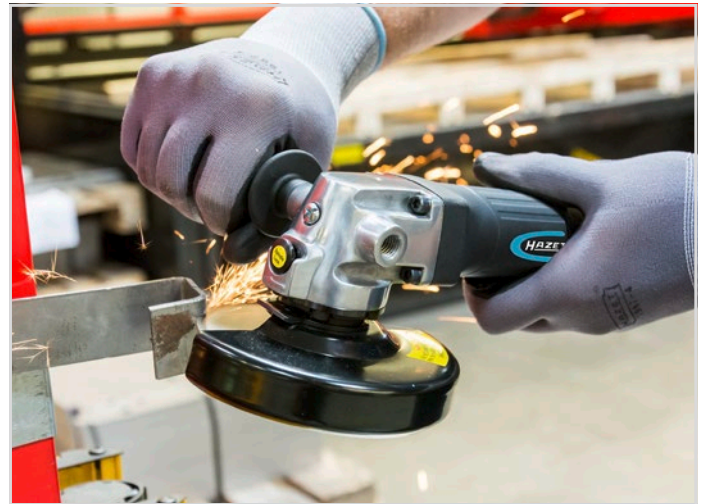
Drilling and grinding machines



9033 Angle grinder



HAZET No.	l/min.	rpm	db (A) LpA	g	■	EAN-No. 4000896+
9033 P-8	113	14000	89.5	1700	-	190515
5 cut-off wheels 100 x 1 x 9.53 mm						
• Use with HAZET angle grinder 9033 P-8						
• Standards: EN 12413 and OSA						
• INOX suitable						
9033 P-08/5	-	-	-	-	5	201549
25 cut-off wheels 100 x 1 x 9.53 mm						
• Use with HAZET angle grinder 9033 P-8						
• Standards: EN 12413 and OSA						
• INOX suitable						
9033 P-08/25	-	-	-	-	25	201402

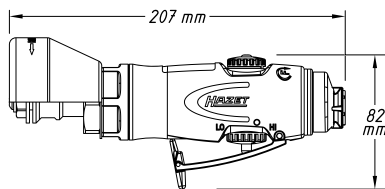


9033 Angle grinder

- Processing of workpieces even in areas with very restricted access



- For cut-off wheels 76 x 2.1 x 10 mm
- Wheel holder: 10 mm
- Continuous speed regulation on the underside of the device
- Direction of movement (right/left) on the upper side of the device can be selected for controlling the flying sparks as well as for improving the ergonomic working posture
- Including 1 cut-off wheel
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 88 db(A) Lp W
- Vibration acceleration: 1.80 m/s²
- Power in watts: 522 watts
- Cold insulated handle



HAZET No.	l/min.	rpm	db (A) LpA	g	■	EAN-No. 4000896+
9033-10	114	2000-18000	88	900	-	196371
Cut-off wheel set						
• 5 pieces in the set						
• 76 x 2.1 x 10.0 mm						
• Standards: EN12413 and OSA						
• Also suitable for stainless steel						
• Maximum rotational speed 20100 rpm						
• Maximum cutting speed 80 m/s						
9033-010/5	-	-	-	-	5	199969



9033 Bristle grinder set

- Gentle, effective cleaning of surfaces
- Roloc® quick-change system allows the plastic brush to be changed quickly and easily without any extra tool

(E)

• Application: For using with various grinding media to remove rust, paint, adhesive and sealing residues or to clean metal surfaces and weld seams when using various abrasive media

• Grinding disc thread 1/4 inch–20 UNC

• Dimensions: 112.1 x 152 x 45 mm

• Contents:

- 1 basic unit including air connection nipple
- 1 Roloc® System bristle grinding disc (50 mm Ø)
- 4 violet strip wheels (hard)
- 4 black strip wheels (soft)
- 2 violet high-performance disc bristle grinders (grain size 36)
- 2 green high-performance disc bristle grinders (grain size 50)
- 2 white high-performance disc bristle grinders (grain size 120)
- 1 assembly tool

• Air connection inlet: inside thread (IG) 12.91 mm (1/4")

• Coupler plug: Nominal size 7.2 (included)

• Hose diameter (recommended): 10 mm

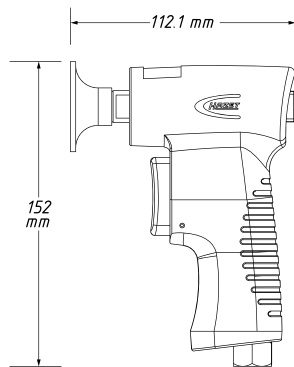
• Working pressure (bar): 6.3

• Sound power level: 86 db(A) Lp W

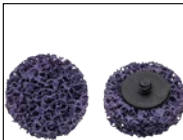
• Vibration acceleration: 3.11 m/s²

• Power in watts: 224 watts

• Cold insulated handle



9033-11-015



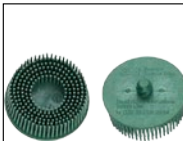
9033-11-020/4



9033-11-030/4



9033-11-036/2



9033-11-050/2



9033-11-0120/2



9033-11-080/5



9033-11-0150/5



9033-11-0300/5



9033-11-S 060
9033-11-S 080
9033-11-S 120

9033 Bristle grinder set

(E)

HAZET No.	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+	
9033-11/17	79	15000	75	540	17	222575

Plate bristle grinder

For adaptation of abrasive substances such as strip wheel and brush wheels with Roloc™ quick-change system

• Roloc® quick-change system for quick, tool-free assembly

• Diameter: 50 mm

• Thread: 1/4"–20 UNC

9033-11-015 – – – – – 222841

Strip wheel set, 4-piece

Ideal for work on tough surfaces of materials such as stainless steel, ferrous metal, non-ferrous metal, aluminium or for workpieces such as sheet metals, pipes, welding seams

• Hard variant

• Suitable for rust removal, paint stripping, cleaning welding seams, removing severe surface contamination and coatings

• Use on larger surfaces

• High edge strength

• High durability

• Set consisting of 4 discs

• Reinforced Clean + Strip construction

• Tough nylon fibre fleece

• Coarse fibre fleece construction

• Roloc® quick-change system

• Diameter: 50.8 mm

• Recommended rpm: 8000–10000

• Max. rpm: 18000

9033-11-020/4 – – – – – 222834

Strip wheel set, 4-piece

Ideal for work on tough surfaces

• Soft variant

• Flexible coarse cleaning disc for universal cleaning applications for use on larger surfaces

• Set consisting of 4 discs

• Reinforced Clean + Strip construction

• Tough nylon fibre fleece

• Open fleece structure

• Roloc® quick-change system

• Diameter: 50.8 mm

• Recommended rpm: 8000–10000

• Max. rpm: 18000

9033-11-030/4 – – – – – 222728

Replacement bristle grinder set, purple, 2 pieces

Ideal for cleaning and gentle deburring

• Enables consistent results and cleaning effect throughout the entire service life as no pressure is applied when working

• Roloc® quick-change system allows the plastic brush to be changed quickly and easily without any extra tool

• Disc can be loosened and tightened at the base plate by simple twisting

• Solid plastic brush offset with ceramic grit

• Adapts to contours and shape of the workpiece

• Bristle length: approx. 16 mm

• Max. rpm: 25000

• Diameter: 50 mm

• Grain size: 36

9033-11-036/2 – – – – – 222872

Replacement bristle grinder set, green, 2 pieces

Ideal for cleaning and gentle deburring

• Enables consistent results and cleaning effect throughout the entire service life as no pressure is applied when working

• Roloc® quick-change system allows the plastic brush to be changed quickly and easily without any extra tool

• Disc can be loosened and tightened at the base plate by simple twisting

• Solid plastic brush offset with ceramic grit

• Adapts to contours and shape of the workpiece

• Bristle length: approx. 16 mm

• Max. rpm: 25000

• Diameter: 50 mm

• Grain size: 50

9033-11-050/2 – – – – – 222865



Pneumatic Tools

Drilling and grinding machines



9033 Bristle grinder set



HAZET No.	l/min.	rpm	db(A) LpA	g	EAN-No. 4000896+
9033-11-0120/2	-	-	-	-	222858

Replacement bristle grinder set, white, 2 pieces

Ideal for cleaning and gentle deburring

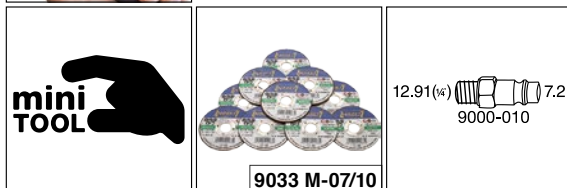
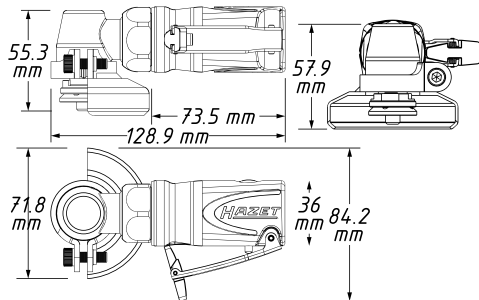
- Enables consistent results and cleaning effect throughout the entire service life as no pressure is applied when working
- Roloc® quick-change system allows the plastic brush to be changed quickly and easily without any extra tool
- Disc can be loosened and tightened at the base plate by simple twisting
- Solid plastic brush offset with ceramic grit
- Adapts to contours and shape of the workpiece
- Bristle length: approx. 16 mm
- Max. rpm: 25000
- Diameter: 50 mm
- Grain size: 120

9033-11-0120/2	-	-	-	-	222858
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9033 Mini right-angle grinder

- Heavy-duty multi-bearing gearbox with a 2.5-times longer service life compared to conventional gearboxes

- Application: Handy and light tool for working in areas with difficult access
- For grinding wheels: 50 – 59 mm
- For grinding wheel thickness: 1 – 4 mm
- Adjustable protection cover
- Spindle thread: 5/16 inch 24 UNF
- Exhaust air is guided through the handle
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 96.8 db(A) Lp W
- Vibration acceleration: 1.90 m/s²
- Power in watts: 224 watts
- Cold insulated handle



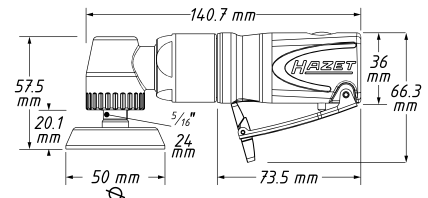
HAZET No.	l/min.	rpm	db(A) LpA	g	EAN-No. 4000896+
9033 M-7	84	18000	85.8	530	227242

- 10 cut-off wheels 50 x 1 x 10 mm
 - For steel and stainless steel
 - Maximum cutting speed 100 m/s
- | | | | | | |
|--------------|---|---|---|----|--------|
| 9033 M-07/10 | - | - | - | 10 | 229680 |
|--------------|---|---|---|----|--------|

9033 Mini polisher

- Heavy-duty multi-bearing gearbox with a 2.5-times longer service life compared to conventional gearboxes
- Optimised for spot repairs

- Application: For working in areas with difficult access and repair work
- Extremely light, handy tool
- Grinding disc diameter: 50 mm
- Grinding disc thread: 5/16 inch UNF
- Exhaust air is guided through the handle
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 94.4 db(A) Lp W
- Vibration acceleration: 1.90 m/s²
- Power in watts: 224 watts
- Cold insulated handle

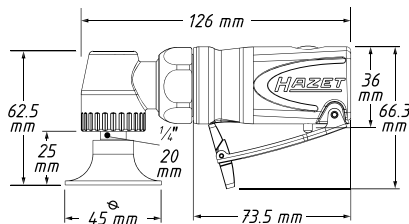


HAZET No.	l/min.	rpm	db(A) LpA	g	EAN-No. 4000896+
9033 M-9	84	4500	83.6	600	227235
• 10 spare grinding pads, grain size 320, 50 mm diameter					
9033-5-01/10	-	-	-	10	160525
• 10 spare grinding pads, grain size 400, 50 mm diameter					
9033-5-02/10	-	-	-	7	160730
• 10 spare grinding pads, grain size 600, 50 mm diameter					
9033-5-03/10	-	-	-	18	160747
• 10 spare grinding pads, grain size 800, 75 mm diameter					
9033-5-08/10	-	-	-	-	228317
• Spare polishing disc, 50 mm diameter					
9033 M-9-01	-	-	-	-	228362
• 5 spare polishing pads, flat, 50 mm diameter					
9033 M-9-010	-	-	-	-	228324
• 5 spare polishing pads, curved, 50 mm diameter					
9033 M-9-011	-	-	-	-	228331



9033 Mini disc sander · angled

- Heavy-duty multi-bearing gearbox with a 2.5-times longer service life compared to conventional gearboxes
- Optimised for spot repairs
- Application: For processing surfaces even in hard to reach work areas, e.g. for removing rust, stripping paint, removing adhesive and sealing residues, as well as for cleaning/processing surfaces, weld seams, etc. using various abrasive media
- Roloc® quick-change system:
Combine with many abrasive media
Fast, tool-free, easy change of abrasives
- Grinding disc diameter: 50 mm
- Grinding disc thread: ¼ inch–20 UNF
- Exhaust air is guided through the handle
- Air connection inlet: inside thread (IG) 12.91 mm (½")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 95.2 db(A) Lp W
- Vibration acceleration: 1.80 m/s²
- Power in watts: 224 watts
- Cold insulated handle



HAZET No.	l/min.	rpm	db(A) LpA	g		EAN-No. 4000896+
9033 M-11	84	18000	84.2	440	-	227129
• 1 piece Replacement grinding disc						
• Roloc® connection with ¼ inch UNF thread (inside thread)						
9033 M-11-015	-	-	-	-	-	228355

9033 Mini disc sander · angled

HAZET No.	l/min.	rpm	db(A) LpA	g		EAN-No. 4000896+
• 5 pieces Abrasive material, red, Ø 50 mm, 150 grain size						
• Base component: nylon, Abrasive: resin						
• Roloc® connection						
9033-11-0150/5	-	-	-	-	5	228256
Strip wheel set, 4-piece						
Ideal for work on tough surfaces of materials such as stainless steel, ferrous metal, non-ferrous metal, aluminium or for workpieces such as sheet metals, pipes, welding seams						
• Hard variant						
• Suitable for rust removal, paint stripping, cleaning welding seams, removing severe surface contamination and coatings						
• Use on larger surfaces						
• High edge strength						
• High durability						
• Set consisting of 4 discs						
• Reinforced Clean + Strip construction						
• Tough nylon fibre fleece						
• Coarse fibre fleece construction						
• Roloc® quick-change system						
• Diameter: 50.8 mm						
• Recommended rpm: 8000–10000						
• Max. rpm: 18000						
9033-11-020/4	-	-	-	-	-	222834
• 5 pieces Abrasive material, blue, Ø 50 mm, 300 grain size						
• Base component: nylon, Abrasive: resin						
• Roloc® connection						
9033-11-0300/5	-	-	-	-	5	228263
Strip wheel set, 4-piece						
Ideal for work on tough surfaces						
• Soft variant						
• Flexible coarse cleaning disc for universal cleaning applications for use on larger surfaces						
• Set consisting of 4 discs						
• Reinforced Clean + Strip construction						
• Tough nylon fibre fleece						
• Open fleece structure						
• Roloc® quick-change system						
• Diameter: 50.8 mm						
• Recommended rpm: 8000–10000						
• Max. rpm: 18000						
9033-11-030/4	-	-	-	-	-	222728
Replacement bristle grinder set, purple, 2 pieces						
Ideal for cleaning and gentle deburring						
• Enables consistent results and cleaning effect throughout the entire service life as no pressure is applied when working						
• Roloc® quick-change system allows the plastic brush to be changed quickly and easily without any extra tool						
• Disc can be loosened and tightened at the base plate by simple twisting						
• Solid plastic brush offset with ceramic grit						
• Adapts to contours and shape of the workpiece						
• Bristle length: approx. 16 mm						
• Max. rpm: 25000						
• Diameter: 50 mm						
• Grain size: 36						
9033-11-036/2	-	-	-	-	-	222872
• 5 pieces Abrasive material, brown, Ø 50 mm, 80 grain size						
• Base component: nylon, Abrasive: resin						
• Roloc® connection						
9033-11-080/5	-	-	-	-	5	228270
Replacement bristle grinder set, green, 2 pieces						
Ideal for cleaning and gentle deburring						
• Enables consistent results and cleaning effect throughout the entire service life as no pressure is applied when working						
• Roloc® quick-change system allows the plastic brush to be changed quickly and easily without any extra tool						
• Disc can be loosened and tightened at the base plate by simple twisting						
• Solid plastic brush offset with ceramic grit						
• Adapts to contours and shape of the workpiece						
• Bristle length: approx. 16 mm						
• Max. rpm: 25000						
• Diameter: 50 mm						
• Grain size: 50						
9033-11-050/2	-	-	-	-	-	222865



9033 Mini disc sander · angled

HAZET No.	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
Replacement bristle grinder set, white, 2 pieces Ideal for cleaning and gentle deburring					
<ul style="list-style-type: none"> Enables consistent results and cleaning effect throughout the entire service life as no pressure is applied when working Roloc® quick-change system allows the plastic brush to be changed quickly and easily without any extra tool Disc can be loosened and tightened at the base plate by simple twisting Solid plastic brush offset with ceramic grit Adapts to contours and shape of the workpiece Bristle length: approx. 16 mm Max. rpm: 25000 Diameter: 50 mm Grain size: 120 					
9033-11-0120/2	-	-	-	-	222858
<ul style="list-style-type: none"> 5 pieces Grinding pads, Ø 50 mm, 60 grain size Base component: paper, Abrasive: resin, stearic acid metal salt Roloc® connection 					
9033-11-S 060	-	-	-	5	228287
<ul style="list-style-type: none"> 5 pieces Grinding pads, Ø 50 mm, 80 grain size Base component: paper, Abrasive: resin, stearic acid metal salt Roloc® connection 					
9033-11-S 080	-	-	-	5	228294
<ul style="list-style-type: none"> 5 pieces Grinding pads, Ø 50 mm, 120 grain size Base component: paper, Abrasive: resin, stearic acid metal salt Roloc® connection 					
9033-11-S 120	-	-	-	5	228300

9032 Carbide milling pin set 3 mm

Made in Germany

• Long service life and good cutting performance when used on diverse materials

- Suitable for hand-guided or stationary drive machines
- According to DIN 8032

HAZET application tip:

- Use as high speeds as possible
- Contact surface between milling pin and workpiece should never exceed 30 % of the complete milling circumference
- Milling pins with 3 mm shaft
- Working length: approx. 13 mm (cylindrical and cone-shaped)
- Set with 5 different milling cutters in cylindrical, tapered and spherical shape
- Head diameter (cylindrical shape): 3 / 6 mm
- Head diameter (spherical shape): approx. 3 / 6 mm



9032 Carbide milling pin set 3 mm

9032-03 KE	9032-03 KU 6	9032-03 ZY 6
9032-03 KU 3	9032-03 ZY 3	

HAZET No.		EAN-No. 4000896+
• Set with 5 different milling cutters in cylindrical, tapered and spherical shape		
• Head diameter (cylindrical shape): 3 / 6 mm		
• Head diameter (spherical shape): approx. 3 / 6 mm		
9032-03/5	5	222483
• Milling pin, cone-shaped		
9032-03 KE	-	226771
• Milling pin, cone-shaped, Ø 3 mm		
9032-03 KU 3	-	226405
• Milling pin, cone-shaped, Ø 6 mm		
9032-03 KU 6	-	226764
• Milling pin, cylinder shape, Ø 3 mm		
9032-03 ZY 3	-	226788
• Milling pin, cylinder shape, Ø 6 mm		
9032-03 ZY 6	-	226795

9032 Carbide milling pin set 6 mm

Made in Germany

• Long service life and good cutting performance when used on diverse materials

- Suitable for hand-guided or stationary drive machines
- According to DIN 8032

HAZET application tip:

- Use as high speeds as possible
- Contact surface between milling pin and workpiece should never exceed 30 % of the complete milling circumference
- Milling pin with 6 mm shaft
- Working length: approx. 19 mm (cylindrical and cone-shaped)
- Set with 3 different milling cutters in cylindrical, tapered and spherical shape
- Head diameter (cylindrical shape): 10 mm
- Head diameter (spherical shape): approx. 9 mm



9032-06 KE	9032-06 KU	9032-06 ZY
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HAZET No.		EAN-No. 4000896+
• Set with 3 different milling cutters in cylindrical, tapered and spherical shape		
• Head diameter (cylindrical shape): 10 mm		
• Head diameter (spherical shape): approx. 9 mm		
9032-06/3	3	222667
• Milling pin, cone-shaped		
9032-06 KE	-	226825
• Milling pin, cone-shaped, Ø 9 mm		
9032-06 KU	-	226801
• Milling pin, cylinder shape, Ø 10 mm		
9032-06 ZY	-	226818



9034 P Sabre saw

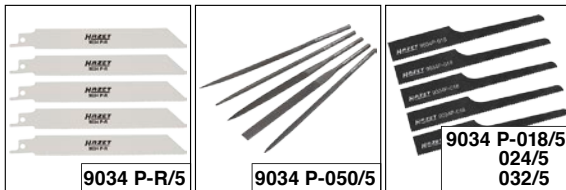
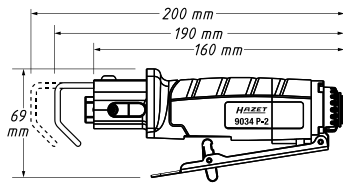
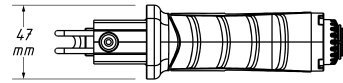
• Increased efficiency with reduction of weight, air consumption, noise generation and vibration

- Direction of air exhaust adjustable
- Suitable for cutting small radii
- Cutting capacity aluminium: 4 mm
- Cutting capacity sheet steel: 3 mm
- Strokes/min.: 9500
- Particularly suitable for cleaning sensor modules etc. due to file blade socket (included in delivery)

Contents:

- 1 sabre saw
- 3 saw blades, 18 / 24 / 32 teeth each (overall length: 93 mm)
- 1 reciprocating saw blade, 18 teeth (overall length: 153 mm)
- 5 files (overall length: ~135 mm)
- 1 inside hexagon socket wrench (in the handle)

- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 97.7 db(A) Lp W
- Vibration acceleration: 6.13 m/s²
- Saw stroke: 10 mm



HAZET No.	l / mm	l/min.	db(A) LpA	g	EAN-No. 4000896+
9034 P-2	160	99	86.7	400	218288

Reziprok sabre saw blades

suitable for sabre saw 9034 P-2

- 5 pieces per package
- Bevelled, corrugated teeth, 18 teeth
- For all metals including non-iron pipes, sheets and stainless steel, material thickness 1.5 – 3 mm
- Total length: 153 mm
- Bi-metal

9034 P-R/5	153	-	-	175	218318
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File set

suitable for sabre saw 9034 P-2

- 5 pieces per package
- Contents:
 - 1 round file
 - 1 triangular file
 - 1 half-round file
 - 1 flat file
 - 1 square file
- Suitable for numerous materials
- Total length: approx. 135 mm

9034 P-050/5	135	-	-	115	218349
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Saw blades

suitable for 9034-1 · 9034 P-1 · 9034 P-2 sabre saws

5 pieces per package

- 93 mm total length
- Socket 1 x 13 mm

18 teeth

9034 P-018/5	93	-	-	-	225958
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24 teeth

9034 P-024/5	93	-	-	-	225965
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32 teeth

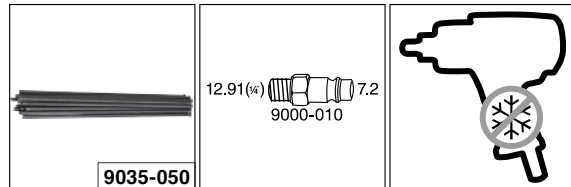
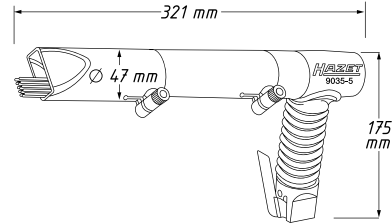
9034 P-032/5	93	-	-	-	225989
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9035 Needle scaler

• Pistol shape



- Adjustable needle cover enables maximum utilisation of needles
- Two-piece housing design for easy maintenance
- 19 needles, Ø 3 mm
- 3,200 impacts/min
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Working pressure (bar): 6.3
- Cold insulated handle

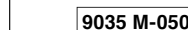
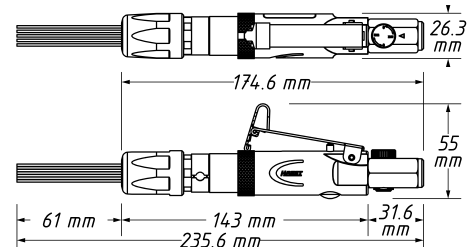


HAZET No.	l/min.	db(A) LpA	g	EAN-No. 4000896+
9035-5	170	97	2600	132355
Spare needles				
For needle scaler 9035-5				
19 needles, Ø 3 mm				
9035-050	-	-	202	139385

9035 Needle scaler

• Extremely slim / short pin form and free needles allow you to reach difficult to access areas as well.

- 28 mm slim handle guarantees best haptics
- 235.6 mm short device even reaches restricted spaces
- 13 thin needles (Ø 1.3 mm) ensure damage-free processing and highly fine surface structure
- Powerful and efficient tool
- Only 480 g – very lightweight and easy to handle
- 3000 impacts/min
- Safety lever
- Infinite adjustable power
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Working pressure (bar): 6.3
- Sound power level: 98.8 db(A) Lp W
- Cold insulated handle





Pneumatic Tools

Drilling and grinding machines

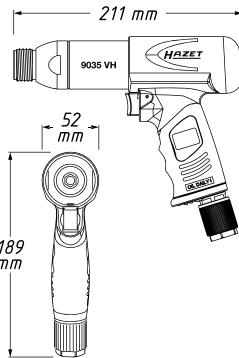
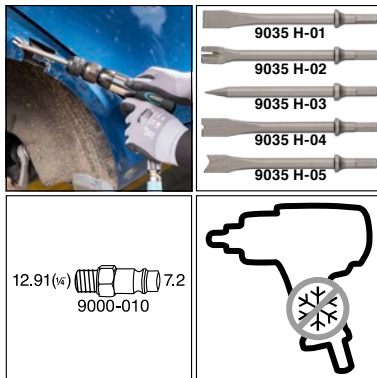


9035 Needle scaler

HAZET No.	l mm	l/min.	db (A) LpA	g	EAN-No. 4000896+
9035 M-5	235.6	48.1	87.9	480	232284
Spare needles For needle scaler 9035 M-5 13 needles, Ø 1.3 mm					
9035 M-050	-	-	-	-	233205

9035 H Chisel hammer set

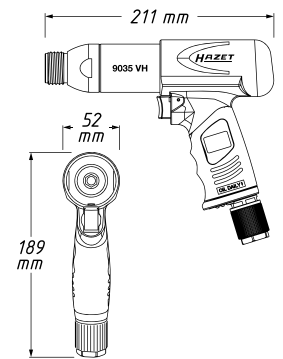
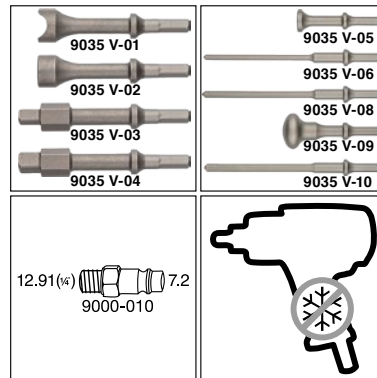
- Strike rate adjustable in 9 levels up to 2600 strikes/min
- Chisel collet: Ø 10 mm
- Shaft collet length: 73 mm
- Plastic case
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Working pressure (bar): 6.3
- Cold insulated handle



HAZET No.	g	EAN-No. 4000896+
• Chisel hammer set		
• Air requirement: 57 – 594 l/min		
• Sound pressure level: 92 – 105 dB(A) Lp A		
9035 H/6	2500 6	214655
• Combination basic unit with vibration and hammer function		
• Plastic case		
• Air requirement: 57 – 594 l/min		
• Sound pressure level: 92 – 105 dB(A) Lp A		
9035 VH	2500 -	214020
• Keyless drill chuck		
• For 9035 VH · 9035 H/6 · 9035 V/5		
9035 VH-01	- -	214242
• Spare chisel set for 9035 H/6		
• Contents: 9035 H-01 · 02 · 03 · 04		
9035 H/5	- 5	214006
• Flat chisel		
9035 H-01	- -	214136
• Sheet cutting chisel		
9035 H-02	- -	213924
• Pointed chisel		
9035 H-03	- -	214198
• Rivet cutting chisel		
9035 H-04	- -	214143
• Curve cutting chisel		
9035 H-05	- -	214525

9035 V Vibration chisel set

- Strike rate adjustable in 9 levels up to 2600 strikes/min
- Chisel collet: Ø 10 mm
- Shaft collet length: 73 mm
- Plastic case
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Working pressure (bar): 6.3
- Cold insulated handle



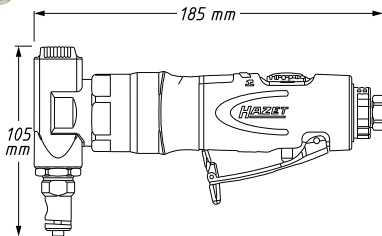
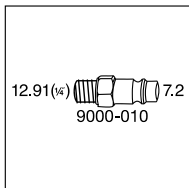
HAZET No.	g	EAN-No. 4000896+
• Vibration chisel set		
• Air requirement: 57 – 594 l/min		
• Sound pressure level: 92 – 105 dB(A) Lp A		
9035 V/5	2500 5	213368
• Combination basic unit with vibration and hammer function		
• Plastic case		
• Air requirement: 57 – 594 l/min		
• Sound pressure level: 92 – 105 dB(A) Lp A		
9035 VH	2500 -	214020
• Keyless drill chuck		
• For 9035 VH · 9035 H/6 · 9035 V/5		
9035 VH-01	- -	214242
• Spare chisel set for 9035 V/5		
• Contents: 9035 V-01 · 02 · 03 · 04		
9035 V/4	- 4	214013
• Semi-circular vibration chisel		
9035 V-01	- -	214181
• Circular vibration chisel		
9035 V-02	- -	214174
• Vibration chisel ■ 10 = 3/8" / ● s 19 mm		
9035 V-03	- -	214167
• Vibration chisel ■ 12.5 = 1/2" / ● s 19 mm		
9035 V-04	- -	214150
• Vibration chisel, flat		
9035 V-05	- -	227266
• Vibration drift pin 6 mm		
9035 V-06	- -	227259
• Vibration drift pin 8 mm		
9035 V-08	- -	227297
• Curved vibration chisel		
9035 V-09	- -	227280
• Vibration drift pin 10 mm		
9035 V-010	- -	227273



9036 Air nibbler

- Continuous speed regulation via speed regulator on back of handle

- Application: Ideal for cutting small radii (min. 4.5 mm). Also suitable for cutting plastic
- Cutting capacity: steel 1.2 mm / aluminium 1.6 mm
- Cutting width: 4.5 mm
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 87 db(A) Lp W
- Vibration acceleration: 1.90 m/s²
- Power in watts: 370 watts
- Cold insulated handle

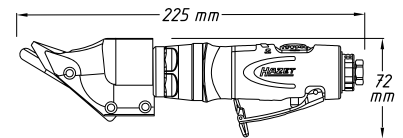
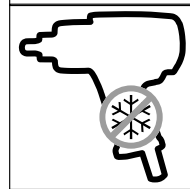
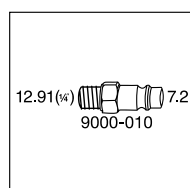


HAZET No.	l/min.	rpm	db (A) LpA	g	EAN-No. 4000896+
9036 N-1	104	2600	80	1000	209668

9036 Metal shear

- Heavy-duty cutting blade for maximum cutting capacity: steel 1.2 mm / aluminium 1.6 mm

- Application: For highly precise cutting of all aluminium and steel sheets
- Ideal for straight cuts
- Also appropriate for contour cuts
- Continuous speed regulation via speed regulator on back of handle
- Vibration damped
- Cutting width: 4.5 mm
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 86 db(A) Lp W
- Vibration acceleration: 1.60 m/s²
- Power in watts: 370 watts
- Cold insulated handle



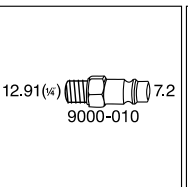
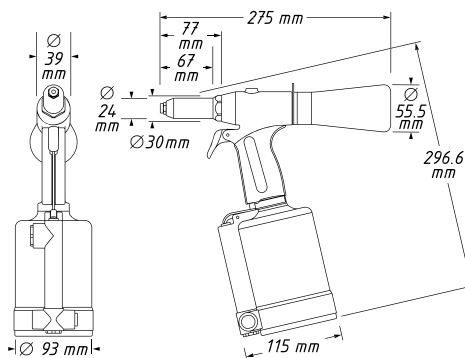
HAZET No.	l/min.	db (A) LpA	g	EAN-No. 4000896+
9036 N-5	104	80	1000	209651

Blind rivet guns

9037 Blind rivet gun

- Pneumatic / hydraulic
- Suitable for stainless steel rivets up to 6.4 mm

- Professional riveting, suitable for continuous operation with rivets of up to 6.4 mm made of steel, stainless steel, aluminium and copper
- Possible rivet sizes: 3.0 · 3.2 · 4.0 · 4.8 · 5.0 · 6.0 and 6.4 mm
- 5 nose pieces (one pre-installed)
- Thread size of nose pieces: M10 x 1.25
- Total stroke: 15.8 mm
- High tractive power: 14700 N
- Particularly low noise level
- Rotary joint for flexible use
- Rivet and nose piece template on the underside of the rivet gun
- Storage of the different nose pieces on the underside of the rivet gun
- Top up simple oil using special design of the rivet gun
- Includes maintenance set for oil control (oil-supported pressure build-up)
- Air requirement: 2.64 l/stroke
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Cold insulated handle



HAZET No.	g	EAN-No. 4000896+
9037 N-2	2110	205578



Pneumatic Tools

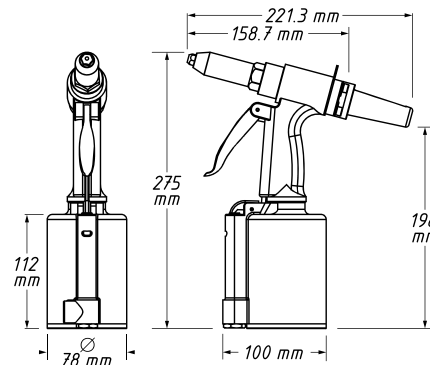
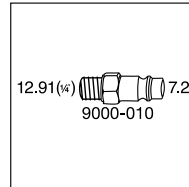
Air blow tools



9037 Blind rivet gun

• Pneumatic / hydraulic
For blind rivets

- Possible rivet sizes: 2.4–3.0–3.2–4.0–4.8 mm
- Aluminium rivets: 2.4–4.8 mm
- Steel rivets: 2.4–4.8 mm
- Stainless steel rivets: 2.4–3.2 mm
- 4 nose pieces (one pre-installed)
- With sturdy metal housing
- Tractive power: 8700 N
- Coupler plug with rotary joint for flexible operation
- Air requirement: 1 l/stroke
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Working pressure (bar): 6.3



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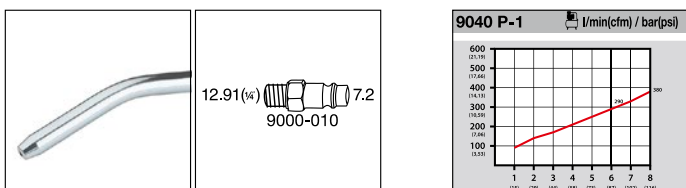
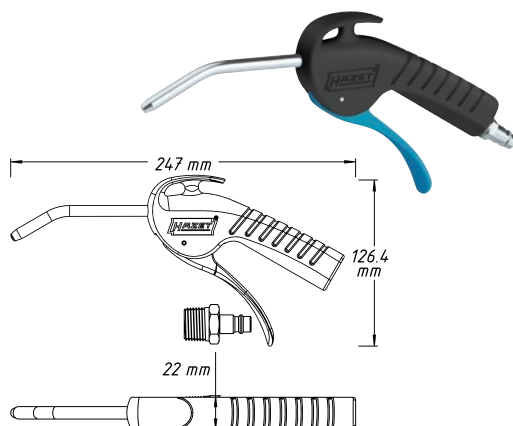
HAZET No.	db(A) LpA	g	EAN-No.
9037 SPC	73	1500	4000896+ 150168

Air blow tools

9040 Air blow gun 100 mm

- Standard nozzle
- Curved tube

- Application: Fast removal of shavings or other foreign objects, especially in areas that are difficult to access
- To be used on machinery, in workshops, for wood working, decor and in the home
- Pipe Ø: 8 mm
- Max. working pressure: 16 bar
- Handle, trigger and valve made of acetal plastic
- Seals and O-rings made of nitrile
- Blast pipe and shaft made of steel
- Spring made of hardened spring steel
- 2003/10/CE Max 85 dB
- OSHA 1910.95 (b) Max 90 dB 8 hr
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Working pressure (bar): 6
- Temperature range: -10°C – 80°C

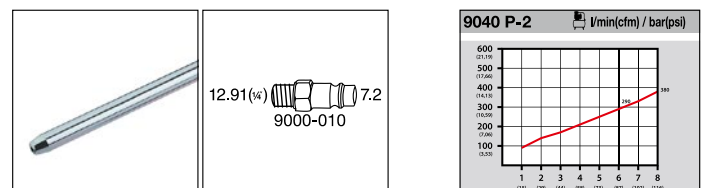
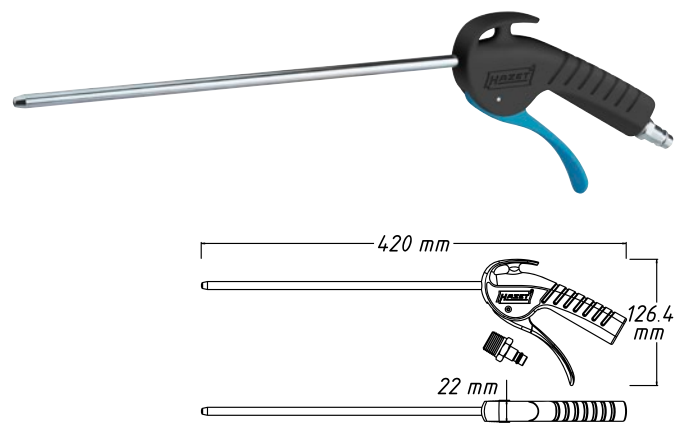


HAZET No.	l/min.	db(A) LpA	g	EAN-No.
9040 P-1	290	84	105	209545

9040 Air blow gun 300 mm

- Long nozzle
- Straight tube

- Application: Fast removal of shavings or other foreign objects, especially in areas that are difficult to access
- To be used on machinery, in workshops, for wood working, decor and in the home
- Pipe Ø: 8 mm
- Working pressure, max: 16 bar
- Handle, trigger and valve made of acetal plastic
- Seals and O-rings made of nitrile
- Blast pipe and shaft made of steel
- Blast pipe length ~ 280 mm
- Spring made of hardened spring steel
- 2003/10/CE Max 85 dB
- OSHA 1910.95 (b) Max 90 dB 8 hr
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6
- Temperature range: -10°C – 80°C



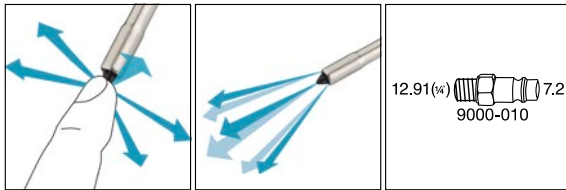
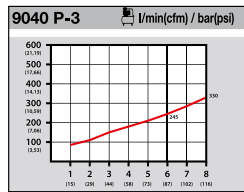
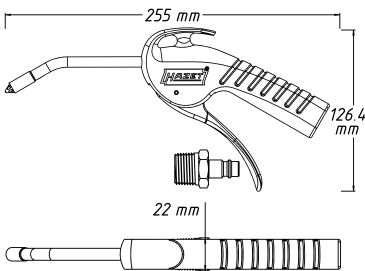
HAZET No.	l/min.	db(A) LpA	g	EAN-No.
9040 P-2	290	84	190	209552



9040 Air blow gun 100 mm · quiet with bent pipe

- Extreme reduction of noise
- Strong blowing force
- Non-blocking

- Application: Fast removal of shavings or other foreign objects, especially in areas that are difficult to access
- To be used on machinery, in workshops, for wood working, decor and in the home
- Pipe Ø: 8 mm
- Max. working pressure: 12 bar
- Handle, trigger and valve made of acetal plastic
- Seals and O-rings made of nitrile
- Blast pipe and shaft made of steel
- Spring made of hardened spring steel
- 2003/10/CE Max 85 dB
- OSHA 1910.95 (b) Max 90 dB 8 hr
- OSHA STD 1-13.1, Max 30 PSI if blocked
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Working pressure (bar): 6
- Temperature range: -10°C – 80°C



HAZET No.	l mm	l/min.	db (A) LpA	g	EAN-No. 4000896+
9040 P-3	255	245	76.8	100	209644

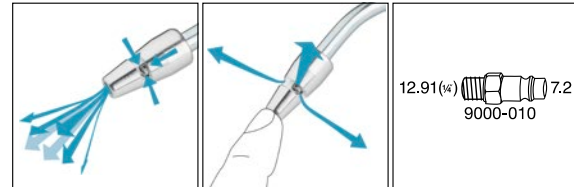
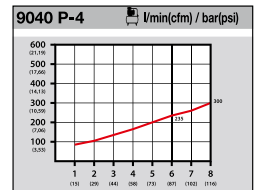
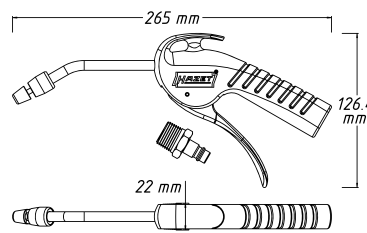
9040 Air blow gun 100 mm · with Venturi nozzle and bent pipe

- 100% increase in air outlet quantity thanks to Venturi nozzle
- Extreme blowing force
- Non-blocking

- Application: Fast removal of shavings or other foreign objects, especially in areas that are difficult to access
- To be used on machinery, in workshops, for wood working, decor and in the home
- Pipe Ø: 8 mm
- Max. working pressure: 16 bar
- Handle, trigger and valve made of acetal plastic
- Seals and O-rings made of nitrile
- Blast pipe and shaft made of anodised steel
- Spring made of hardened spring steel
- OSHA 1910.95 (b) Max 90 dB 8 hr
- OSHA STD 1-13.1, Max 30 PSI if blocked
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Working pressure (bar): 6
- Temperature range: -10°C – 80°C



9040 Air blow gun 100 mm · with Venturi nozzle and bent pipe

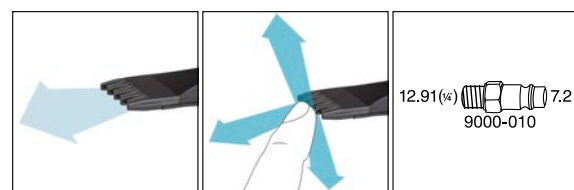
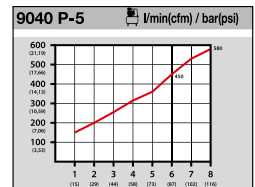
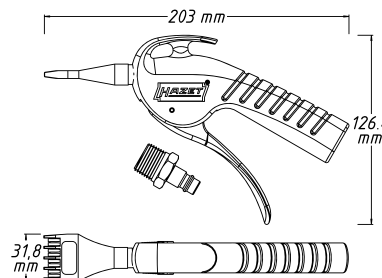


HAZET No.	l mm	l/min.	db (A) LpA	g	EAN-No. 4000896+
9040 P-4	265	235	83.7	165	209569

9040 Air blow gun · quiet with wide flat nozzle

- Wide flat nozzle for cleaning surfaces
- Considerable blowing force
- Non-blocking

- Application: Fast removal of shavings or other foreign objects, especially in areas that are difficult to access
- To be used on machinery, in workshops, for wood working, decor and in the home
- Max. working pressure: 8 bar
- Handle, trigger and valve made of acetal plastic
- Seals and O-rings made of nitrile
- Spring made of hardened spring steel
- 2003/10/CE Max 85 dB
- OSHA 1910.95 (b) Max 90 dB 8 hr
- OSHA STD 1-13.1, Max 30 PSI if blocked
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Working pressure (bar): 6
- Temperature range: -10°C – 80°C



HAZET No.	l mm	l/min.	db (A) LpA	g	EAN-No. 4000896+
9040 P-5	203	450	78	95	209576



Pneumatic Tools

Air blow tools



9040 2-way air blow gun

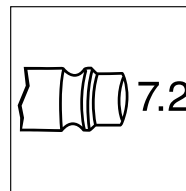
- Choice of air supply at tool head or handle
- Application: Fast removal of chips or other foreign objects
- Exchangeable nozzles:
 - Short nozzle for areas with restricted access
 - Long nozzle (112 mm) with safety nozzle tip (scratch protection)
- Maximum pressure: 10 bar
- Pressure regulator
- To be used on machinery, in workshops, for wood working, decor and in the home
- Aluminium housing
- Thread nozzles: 1/8 inch PF 28 (9.728 mm outside \varnothing / 0.907 mm pitch)
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Working pressure (bar): 6.3
- Anti-slip, cold insulated handle



HAZET No.	l/min.	db(A) LpA	g	EAN-No. 4000896+
9040-4	330	86	205	176236

9040 Blow pen

- Practical and compact design with clip for fixation e.g. in pockets
- Turn to adjust air flow
- Nozzle: 3 mm \varnothing
- Easy handling, clicks directly on air coupling 7.2 mm
- Inlet pressure: 12 bar
- Max. airflow at 6 bar: 360 l/min
- Perbunan seal (NBR)
- Duraluminium housing
- Coupler plug: integrated, nominal size 7.2

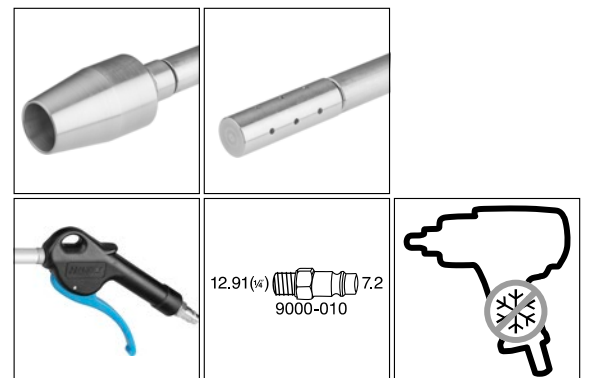


HAZET No.	EAN-No. 4000896+
9040-3	109500



9040 LG Air blow gun · long

- With 90° side nozzle and Venturi nozzle
- Application: Cleaning areas with restricted access on vehicles, machinery and agricultural machinery
Especially suitable for cleaning cooling fins
- Grip area with insulated lance to protect it from cold
- Increased efficiency due to Venturi nozzle (54 mm / 35 gram)
- 90° side nozzle (32 mm / 8.4 gram) for cleaning cooling fins
- Maximum pressure: 12 bar
- Ergonomic handle
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Cold insulated handle



HAZET No.	l	l/min.	g	2	EAN-No. 4000896+
9040 Lg-3/2	1085	450	313	2	206339

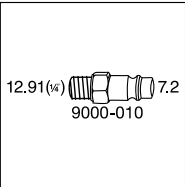


Tyre filling devices and measurement devices

9041 Tyre inflator

- Special rubber housing protects manometer against light impacts

- Handle with operating lever and discharge knob (for one-hand use)
- Tube with plug-in nipple
- Max. pressure: 8 bar
- Handle with integrated suspension hook
- Measuring range (manometer): 0 – 12 bar
Graduation: 0.1 bar
- Flexible tube, length: 400 mm
- Manometer diameter: 63 mm
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Working pressure (bar): 6.3



HAZET No.	g	EAN-No. 4000896+
9041-1	411	147076

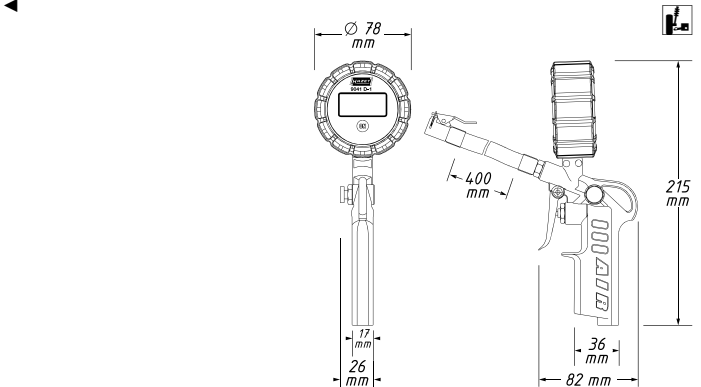
9041 Tyre inflator · digital

- Easy and optimal readability also in poor light conditions

- Application: Filling tyres and checking the air pressure
- Special rubber housing protects manometer against light impacts
- Handle with operating lever for filling as well as deflating button for one-hand use
- Tube with plug-in nipple
- Handle with integrated suspension hook
- Manometer measuring range: 0–12 bar, graduation: 0,01 bar
- Blue lighting of the display
- Flexible tube, length: 400 mm
- Manometer diameter: 63 mm
- Device dimensions: 262x105x40 mm
- Display toggles between bar / PSI / Kg/cm²
- Max. pressure: 12 bar
- Application air humidity: 60%
- Power supply: 2 x 1.5V lithium batteries type AAA
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: integrated, nominal size 7.2
- Temperature range: -20°C – 50°C



9041 Tyre inflator · digital

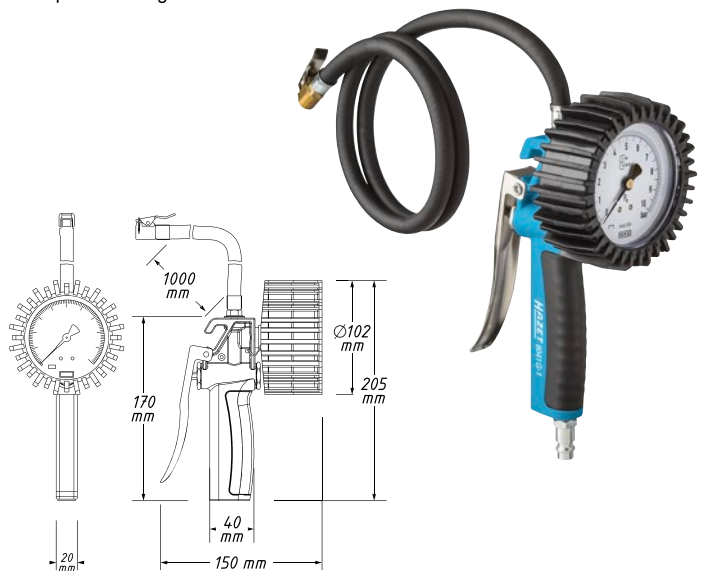


HAZET No.	g	EAN-No. 4000896+
9041 D-1	385	212378

9041 Tyre inflator · calibrated

- Calibrated device with optimally readable, large manometer

- Application: Precise filling of tyres and checking the air pressure
- Special rubber housing protects manometer against light impacts
- Handle with operating lever for filling and deflating (for one-hand use)
- Tube with plug-in nipple
- Handle with integrated suspension hook
- Manometer measuring range: 0–10 bar, graduation: 0,1 bar
- Flexible tube, length: 1000 mm
- Manometer diameter: 80 mm
- Device dimensions: 220 x 150 x 90 mm
- Max. pressure: 10 bar
- Application air humidity: 60%
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: integrated, nominal size 7.2
- Temperature range: -20°C – 60°C



HAZET No.	g	EAN-No. 4000896+
9041 G-1	585	212385



Pneumatic Tools

Grease Gun, Spray Gun, Air Blow and Suction Gun



Grease Gun, Spray Gun, Air Blow and Suction Gun

9042 N Grease gun

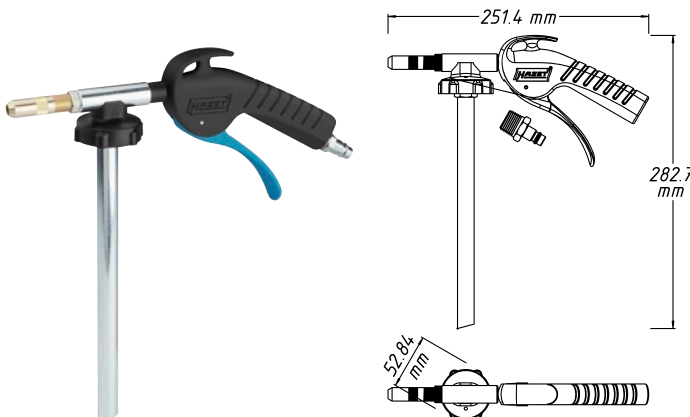
- Grease gun adjustable to 360° with continuous pumping of grease and bleeder valve
- Gun-filling with grease cartridges, loose grease
- Metal tube length: 172 mm
- Nylon hose length: 230 mm
- Filling capacity: 400 ml
- Compaction: 40:1
- Coupler thread metal tube / nylon hose: M10 x 1 (conical)
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Working pressure (bar): 6.3



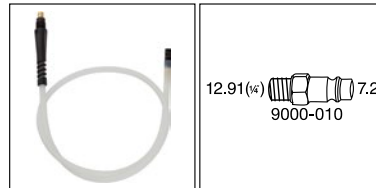
HAZET No.	l/min.	g	EAN-No. 4000896+
9042 N-1	230	2000	176472

9042 Car body gun for underbody protection and cavity sealing

- Easy replacement of nozzle and hose
- Including metal suction pipe
- Fluid throughflow can be easily regulated by removal
- Application: Maintenance and cleaning of passenger cars and other vehicles Suitable for aqueous and oily liquids
- Including nozzle and cavity tube
- Max. working pressure: 16 bar
- Air requirement with nozzle 380 l/min at 8 bar
- Air requirement with nozzle 255 l/min at 6 bar
- Air requirement with cavity tube: 180 l/min at 8 bar
- Air requirement with cavity tube: 165 l/min at 6 bar
- Thread: BSP/NPT
- Incl. cavity tube 920 mm usable length
- Handle, trigger and valve made of acetal plastic
- Seals and O-rings made of nitrile
- Nozzles made of steel / plastic
- Spring made of hardened spring steel
- Net weight with nozzle 350 gram
- Net weight with cavity tube 338 gram
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Working pressure (bar): 6
- Temperature range: -10°C – 80°C



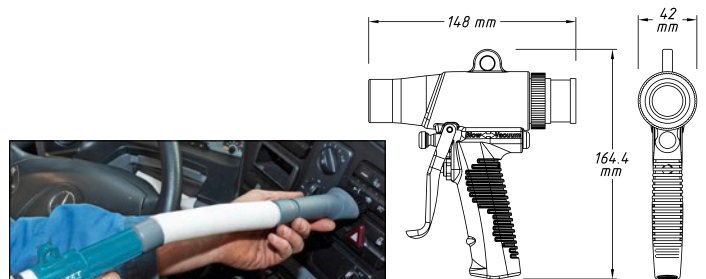
9042 Car body gun for underbody protection and cavity sealing



HAZET No.	l/min.	EAN-No. 4000896+
9042 P-4	251	209613

9043 Air blow and suction gun · switchable

- One-hand reversing switch
- Application: Sucking up dirt into the collection bag as well as for blowing surfaces clean
- Metal housing
- Deflector special bag insert protects the bag against damage, e. g. due to swarfs, by preventing direct impact of the accelerated swarfs
- Maximum working pressure: 10.34 bar
- Vacuum level: 7.5 mmHg
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Working pressure (bar): 6.3
- Sound power level: 97 db(A) Lp W
- Vibration acceleration: 0.40 m/s²



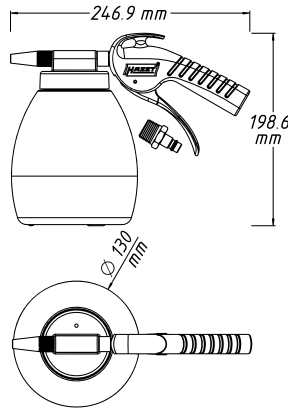
HAZET No.	l/min.	db (A) Lp A	g	EAN-No. 4000896+
9043 N-10	96	92	403	198382



9045 Soda spray gun

- Does not damage rubber, glass or plastic parts
- No heating / deformation of sheets during blasting

- Application: Mineral spray gun for gentle, damage-free and environment-friendly cleaning and removal of paint with NaHCO₃ (sodium bicarbonate)
- Application fields:
 - Removing graffiti
 - Facade and monument cleaning
 - Removing paint from wooden objects
 - Removing paint on glass surfaces and window frames without causing damage to glass and seals
 - Removing boot coatings, without attacking hull
- 1 preset metal precision nozzle for optimum performance
- 3 high performance wide-jet nozzles
- Refillable container with 1.2 l volume
- Including 1 kg soda blast-cleaning agent
- Working pressure: 6-12 bar
- Handle, trigger and valve made of acetal plastic
- Seals and O-rings made of nitrile
- Spring made of hardened spring steel
- Container made of PEHD
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Coupler plug: Nominal size 7.2 (included)
- Working pressure (bar): 6

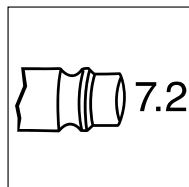


HAZET No.	l mm	l/min.	g	EAN-No. 4000896+
9045 P-1	247	280	460	209590
<ul style="list-style-type: none"> • Soda blast-cleaning agent consists of sodium bicarbonate • Application <ul style="list-style-type: none"> – material-friendly removal of paints, contaminants, etc. – Stripping of car body parts and cleaning of components – careful removal of graffiti as well as for facades and cleaning landmarks – Cleaning mouldings and extruder tools • In a practical 5 l canister with carrying handle • Optimal flow properties • Angular powder with medium grain size ~ 25 µm³ 				
9045 P-5 S	–	–	–	210404

Pneumatic adaptors

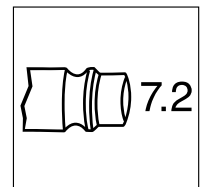
9040 Spiral hose

- Polyurethan
- Length: 7.62 m
- Inside Ø: 6.35 mm
- Connecting pieces with 360° swivel joints
- Burst pressure according to DIN: 55.1 bar / 800 PSI
- Working pressure: 10 bar
- Air connection inlet: inside thread (IG) 12.91 mm (1/4"), coupler plug 7.2 mm type 1 (DE/AT/SI/HU/CN/IN/PT/RU/PL/RO/TR)
- Air connection outlet: outside thread (AG) 12.91 mm (1/4"), coupler bushing 7.2 mm type 1
- Coupler plug: Nominal size 7.2 (included)



9040 Spiral hose

- High flexible polyurethane hose with length of 7.62 m and 10 mm inside Ø
- 360° swivel joint at the connecting pieces
- Burst pressure according to DIN: 60 bar
- Working pressure: 10 bar
- Air inlet thread: 3/8"
- Working length: 50% to 80% of the hose length
- 100% silicone-free EPDM VK60FA
- Maximum flexibility
- Highly abrasion-resistant
- Dimensional stable
- Length: 7.62 m
- Hose inside Ø: 10 mm
- Air connection inlet: inside thread (IG) 12.91 mm (1/4"), coupler plug 7.2 mm type 1 (DE/AT/SI/HU/CN/IN/PT/RU/PL/RO/TR)
- Air connection outlet: outside thread (AG) 12.91 mm (1/4"), coupler bushing 7.2 mm type 1
- Coupler plug: Nominal size 7.2 (included)
- Temperature range: -20°C – 60°C



HAZET No.	g	EAN-No. 4000896+
9040-7	630	153404

HAZET No.	l mm	EAN-No. 4000896+
9040 S-10	7.6	212361



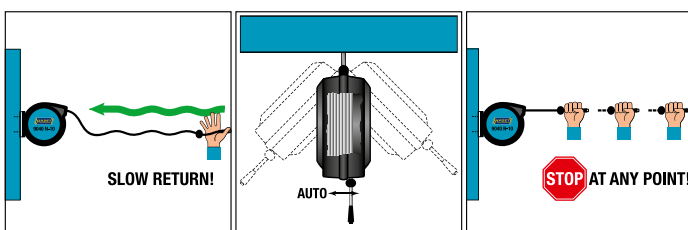
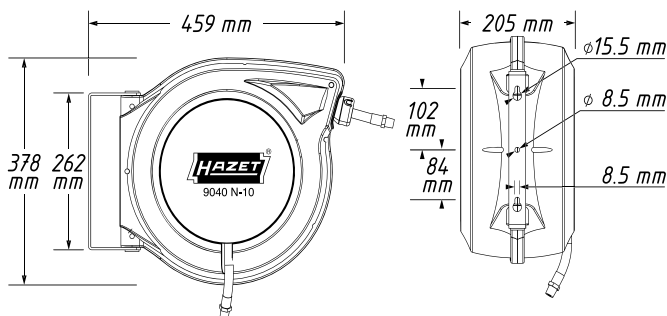
Pneumatic Tools

Pneumatic adaptors



9040 Hose reel

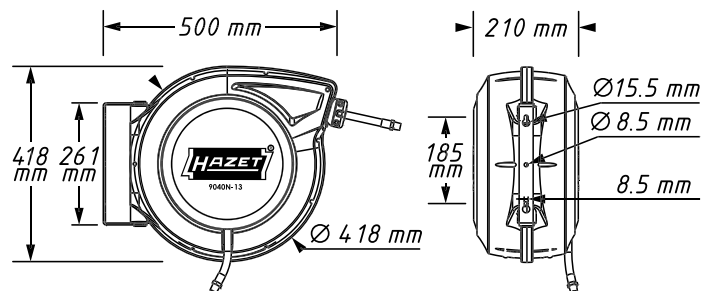
- Hose stop at any point with "Stop at any point" function
- Neat winding of the hose thanks to automatic guidance
- Braked winding to prevent risk of accidents
- Suitable for compressed air or water
- Dimensions: 459x378x205 mm
- Dimensions (packed): 465x400x220 mm
- Hybrid polymer hose, black
- Inside diameter of the hose: 10 mm
- Hose length: 15 m
- Length of connection hose: 0.9 m
- Max. working pressure: 20 bar
- Integrated drill template for mounting on cardboard packaging
- Meets all relevant requirements defined in the European Directives for Machinery 2006/42/EC
- Optionally usable with HAZET safety coupling 9000-061
- Closed special plastic case, supplied with rotating metal mounting bracket made for separate installation at the workplace
- Borehole spacing of the mounting bracket: 186 mm
- Air connection inlet: outside thread (AG) 16.41 mm (5/8")
- Air connection outlet: outside thread (AG) 16.41 mm (5/8")
- Automatic hose reel offers tidiness in the workshop – hose not left lying around, thus reducing the risk of accidents



HAZET No.	l mm	g	EAN-No.
9040 N-10	15	6450	206445

9040 Hose reel

- Hose stop function possible at any point with "Stop at any point"
- Neat winding of the hose thanks to automatic guidance
- Braked winding to prevent risk of accidents
- Suitable for compressed air or water
- Dimensions: 500x418 x 210 mm
- Hybrid polymer hose, black
- Inside diameter of the hose: 13 mm (1/2")
- Hose length: 15 m
- Length of connection hose: 1 m
- Max. working pressure: 20 bar
- Integrated drill template for mounting on cardboard packaging
- Meets all relevant requirements defined in the European Directives for Machinery 2006/42/EC
- Closed special plastic case, supplied with rotating metal mounting bracket made for separate installation at the workplace
- Borehole spacing of the mounting bracket: 186 mm
- Air connection inlet: Outside thread 20.96 mm (1/2")
- Air connection outlet: Outside thread 20.96 mm (1/2")
- Temperature range: -40°C – 80°C



HAZET No.	l mm	g	EAN-No.
9040 N-13	15	9500	214648





9000-040 Rotary joint with continuous air flow rate reducer

- Maximum pressure: 16 bar
- Release of the rotating function through compressed air supply, rigid in unpressurised condition
- 12.91 mm / 1/4" thread IG (inside thread)
- 12.91 mm / 1/4" thread AG (outside thread)
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Air connection outlet: outside thread (AG) 12.91 mm (1/4")
- **360° rotatable hinge on 2 axes**
- **Air flow regulation by means of setting wheel**



HAZET No.	g	EAN-No. 4000896+
9000-040	88	195350

9000-041 Rotary joint

- **Pneumatic rotary joint can be rotated 360°**
- Sealing material: NBR
- Maximum pressure: 16 bar
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Air connection outlet: outside thread (AG) 12.91 mm (1/4")
- Surface: nickel-plated



HAZET No.	g	EAN-No. 4000896+
9000-041	72	204441

9000-010-014 Air inlet nipple set

- **Adaptation of country-specific connection standards to HAZET pneumatic tools**

- 12.91 mm / 1/4" thread
- Steel, nickel-plated
- Design with sealant on the thread
- Air connection inlet: coupler plug 7.2 mm type 1 (DE/AT/SI/HU/CN/IN/PT/RU/PL/RO/TR)
- Air connection outlet: outside thread (AG) 12.91 mm (1/4")
- Surface: nickel-plated



HAZET No.	g	EAN-No. 4000896+	
9000-010/3	17	3	195015

9000-010-014 Air inlet nipple set

HAZET No.	g	EAN-No. 4000896+	
9000-011/3	16	3	195022
9000-012/3	20	3	195237
9000-013/3	20	3	198139
9000-014/3	20	3	198160

2162 Mini grease gun

- Filling capacity: 80 g
- Creates pressure up to 1,000 PSI / 69 bar
- Filling with loose grease
- Including lubricating nipple in 50° and 90° versions



HAZET No.	/ mm	EAN-No. 4000896+
2162 M	145	185634
9300 N-60	-	203406

9000-020-022 Hose connection nipple set

- **Adaptation of country-specific connections to compressed air hoses**

- Hose clip: 10 mm Ø
- Steel, nickel-plated
- Air connection inlet: coupler plug 7.2 mm type 1 (DE/AT/SI/HU/CN/IN/PT/RU/PL/RO/TR)
- Air connection outlet: hose nipple Ø 10 mm
- Surface: nickel-plated
- Used in Germany (standard), Austria, Slovenia, Hungary, China, India, Portugal, Russia, Poland, Romania, Turkey



HAZET No.	g	EAN-No. 4000896+	
9000-020/3	17	3	195244



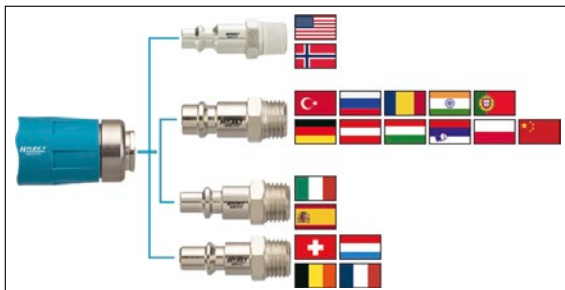
Pneumatic Tools

Pneumatic adaptors



9000-050-080 Safety coupling

- Suitable for all air inlet nipples (9000-062 only for air inlet nipples 10 mm)
- Safe disconnection of the connection (unwanted disconnection is excluded)
- No risk of injury from hose impact
- Safety coupling depressurizes the connection before decoupling
- One-hand operation
- Little effort during coupling and decoupling
- Omission of loud popping during coupling process
- Easy operation, even with gloves
- 9000-050 up to 070 brass, nickel-plated
- Air connection outlet: coupler bushing for type 1, 2, 3, 4
- Surface: nickel-plated



HAZET No.	Δ± g	EAN-No. 4000896+
• Outside thread 12.91 mm / 1/4"		
9000-050	129	195275
• Outside thread 16.41 mm / 3/8"		
9000-051	129	195282
• Inside thread 12.91 mm / 1/4"		
9000-060	122	195312
• Inside thread 16.41 mm / 3/8"		
9000-061	122	195299
• For air connection nipple 10 mm		
• For large 12.5 mm (1/2 inch) cables		
• Air inlet thread (inside thread) 20.95 mm (1/2")		
9000-062	-	218936
• Hose nipple: Ø 10 mm		
9000-070	129	195305
• Gasket set for safety couplings 9000-050 · 9000-051 · 9000-060 · 9000-061 · 9000-070		
• Easy installation		
9000-01/5	-	234691

9012 ELSPCS Silicone protective cover

- Protects the impact wrench housing against damage during tough day-to-day workshop operations
- Semi-transparent protective cover
- Tool-free assembly

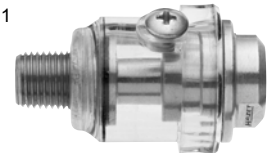


HAZET No.	EAN-No. 4000896+
Silicone protective cover for 9012 EL-SPC	
9012 EL-SPC-S	222520
Silicone protective cover for 9012 M-1	
9012 M-1-S	222735
Silicone protective cover for 9011 M and 9012 M	
9012 M-S	202232
Silicone protective cover for 9012 SPC · 9012-1 SPC · 9012 P-1	
9012 SPC-S	222476

9070 Mini oiler

- Automatic oiling for extending the service life of your pneumatic tools

- Application: Suitable for use with nearly all engine-driven pneumatic tools
- Refillable, filling capacity 28 ml
- Compact design – to be fixed directly to the tool
- Particularly lightweight design
- Threaded insert in the filling nozzle
- Air connection inlet: coupler bushing 7.2 mm type 1
- Air connection outlet: inside thread (IG) 12.91 mm (1/4")
- Working pressure (bar): 6

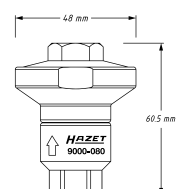


HAZET No.	EAN-No. 4000896+
9070 N-1	206407

9000 Compressed air reducer

- Inline pressure regulator for integration in the compressed air line or direct connection to motorised pneumatic equipment

- Max. inlet pressure: 10 bar
- Outlet pressure 6.3 bar
- Weight including air connection nipple: 140 g
- Including:
 - Adapter from outside thread 12.91 mm (1/4") to outside thread 12.91 mm (1/4") for connecting to the device
 - Air connection nipple 7.2 Type 1 for connection to compressed air coupling
- For safe operation on compressed air lines to 10 bar
- Air connection inlet: inside thread (IG) 12.91 mm (1/4")
- Air connection outlet: inside thread (IG) 12.91 mm (1/4")



HAZET No.	Δ± g	EAN-No. 4000896+
9000-080	100	214709



Pneumatic accessories

9070 Maintenance unit

- Dual, consisting of filter-pressure reducer, oil-mist lubricator and manometer
- Connection manometer: 3.2 mm (1/8")
- Max. pressure: 16 bar (1/2" and 3/8") 12 bar (1/4"), Maximum working pressure: 12 bar (1/2" and 3/8") 10 bar (1/4")
- Pressure indication: 0.5–12 bar
- Filter grade: 10 µm
- Recommended lubricant: class F (Sprinter ADVP 22)



HAZET No.	g	EAN-No. 4000896+
• Air inlet thread 20.67 mm (1/2") • Air flow at 6.3 bar: 5000 NI/min • Capacity of filter-pressure reducer: 50 ml • Capacity of oil-mist lubricator: 170 ml		
9070-2	1380	153343
• Air inlet thread 12.91 mm (1/4") • Air flow at 6.3 bar: 1800 NI/min • Capacity of filter-pressure reducer: 30 ml • Capacity of oil-mist lubricator: 40 ml		
9070-4	580	153367

9070 Filter-pressure reducer

- Consisting of filter-pressure reducer and manometer
- Connection manometer: 3.2 mm (1/8")
- Max. pressure: 16 bar (1/2" and 3/8") 12 bar (1/4"), Maximum working pressure: 12 bar (1/2" and 3/8") 10 bar (1/4")
- Pressure indication: 0.5–12 bar
- Filter grade: 10 µm
- Capacity filter-pressure reducer: 50 ml



HAZET No.	g	EAN-No. 4000896+
• Air inlet thread 20.67 mm (1/2") • Air flow at 6.3 bar: 5000 NI/min		
9070-5	890	153374
• Air inlet thread 12.91 mm (1/4") • Air flow at 6.3 bar: 1800 NI/min		
9070-7	380	153398

9400 Special pneumatic tool oil

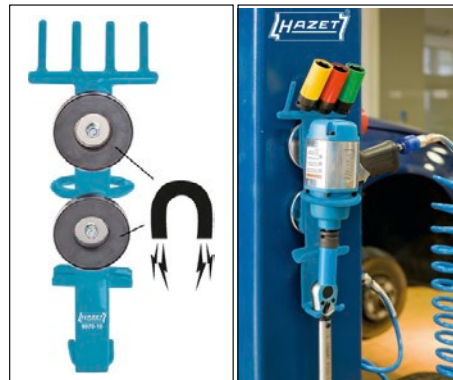
- Made in Germany
- Reduces wear of the air motor
- Silicon-free special oil
- Guarantees high performance in daily use
- Extending machine service lives



HAZET No.	g	EAN-No. 4000896+
• Filling capacity: 100 ml • Spout for direct use • With locking cap • Use in engine-driven pneumatic tools such as impact wrenches, grinders etc.		
9400-100	11	191390
• Filling capacity: 1000 ml • Transparent filling level indicator • Use in engine-driven pneumatic tools such as impact wrenches, grinders etc.		
9400-1000	838	191406

9070 Magnetic holder

- Two strong magnets to hold one impact wrench and four sockets
- Loading capacity: 10 kg



HAZET No.	g	EAN-No. 4000896+
9070-10	1510	158157



Pneumatic Tools

HAZET SERVICE for torque wrenches and pneumatic tools



HAZET SERVICE for torque wrenches and pneumatic tools

SP1-4 HAZET SERVICE for torque wrenches and pneumatic tools

Made in Germany

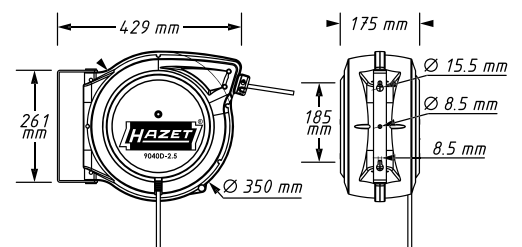


All HAZET torque tools and pneumatic tools are serviceable! Along with repairs, we offer factory tests through to calibration in our own DAkkS calibration laboratory for torque wrenches in the HAZET Service Center. Your local HAZET partner will be happy to advise you on all the services provided by the HAZET Service Center as well as local on-site services.

9040 D Cable reel

- Hose stop function possible at any point with "Stop at any point"
- Neat winding of the hose thanks to automatic guidance
- Braked winding to prevent risk of accidents

- Including in-line circuit breaker
- 230 V AC
- Only suitable for indoor use
- Cable: H07RN-F 3x2.5 mm²
- Cable length: 20 m
- Connecting cable length: 1.5 m
- Integrated drill template for mounting on cardboard packaging
- Closed special plastic case
- Rotating metal mounting bracket made for separate installation at the workplace
- Borehole spacing of the mounting bracket: 186 mm
- Resilient when wound up with 1600 watts
- Resilient when unwound with 3200 watts
- Meets all relevant requirements defined in the European Directives for Machinery 2006/42/EC
- Protection rating (IP): IP20
- Temperature range: -20°C – 45°C



HAZET No.

9040 D-2.5



9200

EAN-No. 4000896+

214631



HAZET cordless tool system 18 V

Using battery power for perfect work results!

Cordless tools should be part of any professional workshop's basic equipment. HAZET offers a high-performance cordless tool system in various sets for the two 2 Ah and 5 Ah rechargeable batteries. As well as cordless impact wrenches, this includes a drilling machine and a right-angle grinder. All these tools are available as a **set of 3 pieces** with charger and a **rechargeable battery**, as a **set of 4 pieces** with charger and **two rechargeable batteries** or even just as a **basic unit without accessories** for those who already have the matching HAZET rechargeable batteries.

The respective product details are on the following pages.

9233-7

Right-angle grinder set

- **Contents** (3-piece set):
 - 1 cordless right-angle grinder
 - 1 quick charger
 - 1 Li-ion rechargeable battery 18 V, 5.0 Ah
 - In plastic case
- **Optional:**
 - 1 more 2.0 Ah or 5.0 Ah rechargeable battery
 - Cut-off and rough grinding wheel sets



9230-2

Cordless drilling machine set

- **Contents** (3-piece set):
 - 1 cordless drill
 - 1 quick charger
 - 1 Li-ion rechargeable battery 18 V, 2.0 Ah
 - In plastic case
- **Optional:**
 - 1 more 2.0 Ah or 5.0 Ah rechargeable battery





Pneumatic Tools



Cordless impact wrench sets

- **Contents** (3-piece set):
1 cordless impact wrench
1 quick charger
1 Li-Ion rechargeable battery 18 V, 5.0 Ah or 2.0 Ah
- **Optional:**
1 more 2.0 Ah or 5.0 Ah rechargeable battery



12⁵ 1/2"

9212 SPC-1



12⁵ 1/2"

9212 M-1



12⁵ 1/2"

9212-3



12⁵ 1/2"

9212-1000



20 3/4"

9213-1000

Every battery fits every device!

Full HAZET power, full compatibility!

No matter whether 2 or 5 Ah!



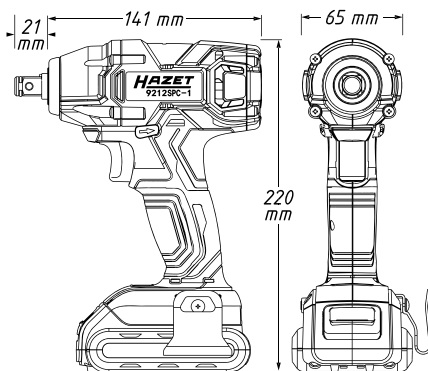


Cordless impact wrench

9212 SPC Cordless impact wrench 18 V

• Illumination of the work area before the output begins to move

- Extremely handy tool
- Light weight design
- Amperage without load: 5 A
- Li-ion rechargeable battery with very low self-discharge (only 2%) compared to a standard NiMH rechargeable battery (15-25%)
- Replacement battery: 9212-02
- Net weight: 1.060 kg (without battery pack)
- Battery net weight: 0.390 kg
- Battery charger net weight: 0.66 kg
- Including belt clip, attachable on both sides, and hand strap
- Total length: 167 mm
- Height: 187 mm
- Width: 65 mm
- Recommended torque: 200 Nm
- Sound power level: 111 db(A) Lp W
- Vibration acceleration: 14.91 m/s²
- Loosening torque (max) determined with screw size M: 16



HAZET No.	max. Nm	max. Nm	rpm	db (A) LpA	g	FAN-No. 4000896+
• 3-piece set, contents: cordless impact wrench, battery charger, Li-ion battery 9212-02 (1x)						
9212 SPC-1	260	200	0-2700	100	1450	3 212439
• 4-piece set, contents: cordless impact wrench, battery charger, Li-ion battery 9212-02 (2x)						
9212 SPC-1/4	260	200	0-2700	100	-	4 214259
• Basic unit Cordless impact wrench set, without battery						
9212 SPC-010	260	200	0-2700	100	1060	- 214273
• Battery pack						
• Li-ion, 18 V, 2 Ah						
• For 9212-3 · 9212 M-1 · 9212 M-1/4 · 9212 SPC-1 · 9212 SPC-1/4 · 9230-2 · 9230-2/4 · 9233-7 · 9233-7/4						
9212-02	-	-	-	-	390	- 213788

9212 SPC Cordless impact wrench 18 V

HAZET No.	max. Nm	max. Nm	rpm	db (A) LpA	g	FAN-No. 4000896+
• Battery pack						
• Li-ion, 18 V, 5 Ah						
• For 9212-3 · 9212 M-1 · 9212 M-1/4 · 9212 SPC-1 · 9212 SPC-1/4 · 9230-2 · 9230-2/4 · 9233-7 · 9233-7/4						
9212-05	-	-	-	-	700	- 210367
• Battery charger						
• For 9212-3 · 9212 M-1 · 9212 M-1/4 · 9212 SPC-1 · 9212 SPC-1/4 · 9230-2 · 9230-2/4 · 9233-7 · 9233-7/4						
9212-03	-	-	-	-	660	- 204823

9212 M Mini cordless impact wrench 18 V

- High efficiency thanks to brushless motor
- Handy, short and lightweight tool

- There are three power stages to choose from for torque acceleration
Stage 1: approx. 80 Nm at 700 rpm
Stage 2: approx. 150 Nm at 1600 rpm
Stage 3: approx. 220 Nm at 2500 rpm
- Amperage without load: 4.5 A
- Charging time ~ 35 minutes
- Brushless DC motor (BLDC):
– Longer service life, less wear, no need to change the carbon brushes
– High efficiency and hence less battery consumption
– More compact motor enables smaller dimensions
- Illumination of the work area before the output begins to move
- Li-ion rechargeable battery with very low self-discharge (only 2%) compared to a standard NiMH rechargeable battery (15-25%)
- Net weight: 0.954 kg (without battery pack)
- Battery net weight: 0.365 kg
- Battery charger net weight: 0.66 kg
- Dimensions including rechargeable battery: 228 x 63 x 135 mm
- Including belt clip, attachable on both sides, and hand strap
- Recommended torque: 220 Nm
- Sound power level: 110.6 db(A) Lp W
- Vibration acceleration: 15.40 m/s²
- Loosening torque (max) determined with screw size M: 16



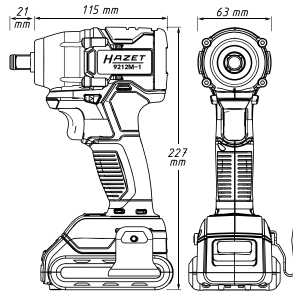


Pneumatic Tools

Cordless impact wrench



9212 M Mini cordless impact wrench 18 V



HAZET No.	max. Nm	max. Nm	rpm	db (A) LpA	g	EAN-No. 4000896+
• 3-piece set, contents: cordless impact wrench, battery charger, Li-ion battery 9212-02 (1x)						
9212 M-1	270	220	0-2500	99.6	1340	3 212446
• 4-piece set, contents: cordless impact wrench, battery charger, Li-ion battery 9212-02 (2x)						
9212 M-1/4	270	220	0-2500	99.6	-	4 214266
• Basic unit Mini cordless impact wrench set, without battery						
9212 M-010	270	220	0-2500	99.6	950	- 214280
• Battery pack						
• Li-ion, 18 V, 2 Ah						
• For 9212-3 · 9212 M-1 · 9212 M-1/4 · 9212 SPC-1 · 9212 SPC-1/4 · 9230-2 · 9230-2/4 · 9233-7 · 9233-7/4						
9212-02	-	-	-	-	390	- 213788
• Battery pack						
• Li-ion, 18 V, 5 Ah						
• For 9212-3 · 9212 M-1 · 9212 M-1/4 · 9212 SPC-1 · 9212 SPC-1/4 · 9230-2 · 9230-2/4 · 9233-7 · 9233-7/4						
9212-05	-	-	-	-	700	- 210367
• Battery charger						
• For 9212-3 · 9212 M-1 · 9212 M-1/4 · 9212 SPC-1 · 9212 SPC-1/4 · 9230-2 · 9230-2/4 · 9233-7 · 9233-7/4						
9212-03	-	-	-	-	660	- 204823

9212 Cordless impact wrench set

• High efficiency thanks to brushless motor

12.5 1/2

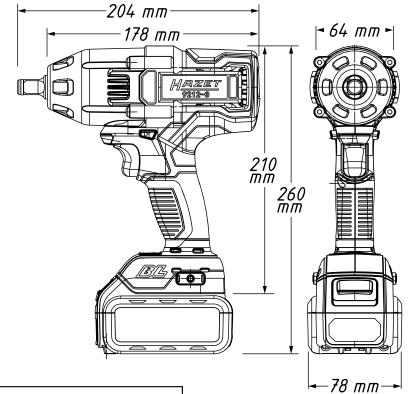
18 V, 5 Ah

- There are three power stages to choose from for torque acceleration
Stage 1: approx. 80 Nm at 600 rpm and ~1700 beats per minute
Stage 2: approx. 300 Nm at 1400 rpm and ~2500 beats per minute
Stage 3: approx. 500 Nm at 2000 rpm and ~3400 beats per minute
- Illumination of the work area before the output begins to move
- Li-ion rechargeable battery with significantly lower self-discharge (only 2%) compared to a standard NiMH rechargeable battery (15-25%)
- Amperage without load: 5.5 A
- Replacement battery: 9212-05
- Net weight: 1.857 kg (without battery pack)
- Battery net weight: 0.659 kg
- Battery charger net weight: 0.66 kg
- Case net weight: 4.352 kg
- Dimensions including rechargeable battery: 204 x 64 x 259 mm
- Including belt clip, attachable on both sides
- **Brushless DC motor (BLDC)**
 - Longer service life, less wear, no need to change the carbon brushes
 - High efficiency and hence less battery consumption
 - More compact motor enables smaller dimensions
- Recommended torque: 500 Nm
- Sound power level: 110.4 db(A) Lp W
- Vibration acceleration: 20.30 m/s²
- Loosening torque (max) determined with screw size M: 16
- Forward and reverse: multi-stage (right/left)
- Plastic box



9212 Cordless impact wrench set

12.5 1/2



HAZET No.	max. Nm	max. Nm	rpm	db (A) LpA	g	EAN-No. 4000896+
• 3-piece set, contents: cordless impact wrench, battery charger, Li-ion battery (1x)						
9212-3	700	500	0-2000	99.4	1857	3 203444
• Battery charger						
• For 9212-3 · 9212 M-1 · 9212 M-1/4 · 9212 SPC-1 · 9212 SPC-1/4 · 9230-2 · 9230-2/4 · 9233-7 · 9233-7/4						
9212-03	-	-	-	-	660	- 204823
• Battery pack						
• Li-ion, 18 V, 5 Ah						
• For 9212-3 · 9212 M-1 · 9212 M-1/4 · 9212 SPC-1 · 9212 SPC-1/4 · 9230-2 · 9230-2/4 · 9233-7 · 9233-7/4						
9212-05	-	-	-	-	700	- 210367



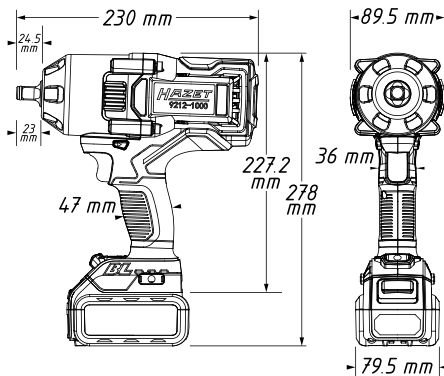


9212-1000 Cordless impact wrench

• High efficiency thanks to brushless motor

18 V, 5 Ah

- Suitable for continuous operation
- Robust machine housing
- There are three power stages to choose from for torque acceleration
Stage 1: approx. 180 Nm at 0-400 rpm
Stage 2: approx. 400 Nm at 0-800 rpm
Stage 3: approx. 1000 Nm at 0-1800 rpm
- Illumination of the work area before the output begins to move
- Li-ion rechargeable battery with significantly lower self-discharge (only 2%) compared to a standard NiMH rechargeable battery (15-25%)
- Replacement battery: 9212-05
- Battery net weight: 0.659 kg
- Battery charger net weight: 0.66 kg
- Case net weight: 2.15 kg
- Dimensions including rechargeable battery: 278x230x89.5 mm
- Including belt clip, attachable on both sides
- **Brushless DC motor (BLDC)**
 - Longer service life, less wear, no need to change the carbon brushes
 - High efficiency and hence less battery consumption
 - More compact motor enables smaller dimensions
- Charging time with 5 Ah rechargeable battery approx. 80 min
- Sound power level: 112 db(A) Lp W
- Vibration acceleration: 17.80 m/s²
- Loosening torque (max) determined with screw size M: 24
- Forward and reverse: multi-stage (right/left)



HAZET No.	max. Nm	max. Nm	rpm	db (A) LpA	g	EA-No. 4000896+
• 3-piece set, contents: cordless impact wrench, battery charger, Li-ion rechargeable battery (1x)						
9212-1000/3	1400	1000	0-1800	101	3640	3 222674
• 4-piece set, contents: cordless impact wrench, battery charger, Li-ion rechargeable battery (2x)						
9212-1000/4	1400	1000	0-1800	101	3640	4 222681

9212-1000 Cordless impact wrench

HAZET No.	max. Nm	max. Nm	rpm	db (A) LpA	g	EA-No. 4000896+
• Basic unit cordless impact wrench, without battery						
9212-1000	1400	1000	0-1800	101	3640	- 222711
• Battery pack						
• Li-ion, 18 V, 2 Ah						
• For 9212-3 · 9212 M-1 · 9212 M-1/4 · 9212 SPC-1 · 9212 SPC-1/4 · 9230-2 · 9230-2/4 · 9233-7 · 9233-7/4						
9212-02	-	-	-	-	390	- 213788
• Battery pack						
• Li-ion, 18 V, 5 Ah						
• For 9212-3 · 9212 M-1 · 9212 M-1/4 · 9212 SPC-1 · 9212 SPC-1/4 · 9230-2 · 9230-2/4 · 9233-7 · 9233-7/4						
9212-05	-	-	-	-	700	- 210367
• Battery charger						
• For 9212-3 · 9212 M-1 · 9212 M-1/4 · 9212 SPC-1 · 9212 SPC-1/4 · 9230-2 · 9230-2/4 · 9233-7 · 9233-7/4						
9212-03	-	-	-	-	660	- 204823

9213-1000 Cordless impact wrench

• High efficiency thanks to brushless motor

18 V, 5 Ah

- Suitable for continuous operation
- Robust machine housing
- There are three power stages to choose from for torque acceleration
Stage 1: approx. 180 Nm at 0-400 rpm
Stage 2: approx. 400 Nm at 0-800 rpm
Stage 3: approx. 1000 Nm at 0-1800 rpm
- Illumination of the work area before the output begins to move
- Li-ion rechargeable battery with significantly lower self-discharge (only 2%) compared to a standard NiMH rechargeable battery (15-25%)
- Replacement battery: 9212-05
- Battery net weight: 0.659 kg
- Battery charger net weight: 0.66 kg
- Case net weight: 2.15 kg
- Dimensions including rechargeable battery: 278x230x89.5 mm
- Including belt clip, attachable on both sides
- **Brushless DC motor (BLDC)**
 - Longer service life, less wear, no need to change the carbon brushes
 - High efficiency and hence less battery consumption
 - More compact motor enables smaller dimensions
- Charging time with 5 Ah rechargeable battery approx. 80 min
- Sound power level: 112 db(A) Lp W
- Vibration acceleration: 17.80 m/s²
- Loosening torque (max) determined with screw size M: 24
- Forward and reverse: multi-stage (right/left)



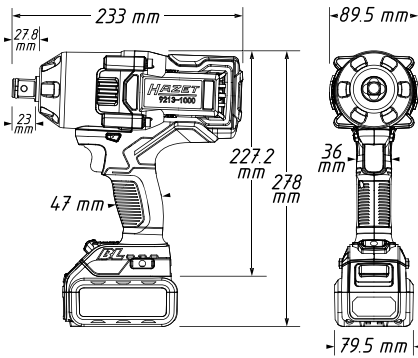


Pneumatic Tools

Cordless drilling machine / right-angle grinder



9213-1000 Cordless impact wrench



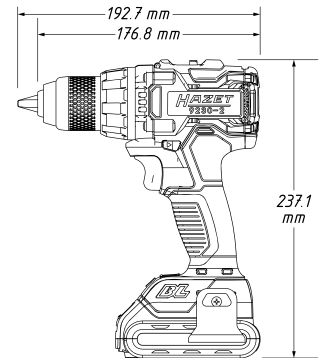
HAZET No.	max. Nm	max. Nm	rpm	db (A) LpA	g	EAN-No. 4000896+
• 3-piece set, contents: cordless impact wrench, battery charger, Li-ion battery (1x)						
9213-1000/3	1400	1000	0-1800	101	3700	3 222704
• 4-piece set, contents: cordless impact wrench, battery charger, Li-ion battery (2x)						
9213-1000/4	1400	1000	0-1800	101	3700	4 222797
• Basic unit cordless impact wrench, without battery						
9213-1000	1400	1000	0-1800	101	3700	- 222698
• Battery pack						
• Li-ion, 18 V, 2 Ah						
For 9212-3 · 9212 M-1 · 9212 M-1/4 · 9212 SPC-1 · 9212 SPC-1/4 · 9230-2 · 9230-2/4 · 9233-7 · 9233-7/4						
9212-02	-	-	-	-	390	- 213788
• Battery pack						
• Li-ion, 18 V, 5 Ah						
For 9212-3 · 9212 M-1 · 9212 M-1/4 · 9212 SPC-1 · 9212 SPC-1/4 · 9230-2 · 9230-2/4 · 9233-7 · 9233-7/4						
9212-05	-	-	-	-	700	- 210367
• Battery charger						
For 9212-3 · 9212 M-1 · 9212 M-1/4 · 9212 SPC-1 · 9212 SPC-1/4 · 9230-2 · 9230-2/4 · 9233-7 · 9233-7/4						
9212-03	-	-	-	-	660	- 204823



Cordless drilling machine / right-angle grinder

9230 Cordless drilling machine

- High efficiency thanks to brushless motor
- 18 V, 2 Ah
- Compatible with HAZET rechargeable batteries 9212-02 and 9212-05
- Tool-free metal quick-clamping drill chuck 1-13 mm
- Selectable torque stages 15 + 1 drilling
- Revolutions per minute Step 1: 0-560
Revolutions per minute Step 2: 0-1900
- Vibration acceleration screwing: 0.8 m/s²
Vibration acceleration drilling: 2.3 m/s²
- Robust machine housing
- Suitable for continuous operation
- Including belt clip, attachable on both sides
- Weight with battery: 1.68 kg
Weight without rechargeable battery: 1.27 kg
- **Brushless DC motor (BLDC):**
 - Longer lifetime, less wear, no change of the carbon brushes required
 - Greater efficiency and thus less battery consumption - More compact motor allows for smaller installation dimensions
- Plastic roll

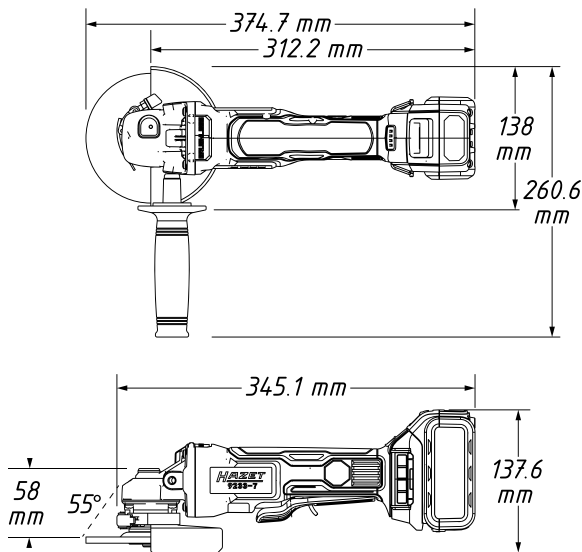


HAZET No.	max. Nm	db (A) LpA	g	EAN-No. 4000896+
• 3-piece set 1 cordless drilling machine 1 quick charger (40 minutes) 1 Li-ion rechargeable batteries 18 V, 2 Ah				
9230-2	60	68	-	3 218370
• 4-piece set 1 cordless drilling machine 1 quick charger (40 minutes) 2 Li-ion rechargeable batteries 18 V, 2 Ah				
9230-2/4	60	68	-	4 218967
• Basic unit cordless drilling machine, without rechargeable battery, without charger				
9230-010	60	68	-	- 218974
• Battery pack				
• Li-ion, 18 V, 2 Ah				
For 9212-3 · 9212 M-1 · 9212 M-1/4 · 9212 SPC-1 · 9212 SPC-1/4 · 9230-2 · 9230-2/4 · 9233-7 · 9233-7/4				
9212-02	-	-	390	- 213788
• Battery pack				
• Li-ion, 18 V, 5 Ah				
For 9212-3 · 9212 M-1 · 9212 M-1/4 · 9212 SPC-1 · 9212 SPC-1/4 · 9230-2 · 9230-2/4 · 9233-7 · 9233-7/4				
9212-05	-	-	700	- 210367
• Battery charger				
For 9212-3 · 9212 M-1 · 9212 M-1/4 · 9212 SPC-1 · 9212 SPC-1/4 · 9230-2 · 9230-2/4 · 9233-7 · 9233-7/4				
9212-03	-	-	660	- 204823



9233 Cordless right-angle grinder

- High efficiency thanks to brushless motor
- Compatible with HAZET rechargeable batteries 9212-02 and 9212-05
- Ergonomic and compact housing design
- Device stops if the speed drops sharply due to canting
- Function against unintentional motor start when changing the battery
- Mesh fabric protects motor from dirt
- Motor stop 2 seconds after switch-off
- Extremely flat head with low angle
- Constant speed even during difficult work
- Soft startup for greater comfort
- Safety release lever
- Lateral handle, to be used on left or right side
- Including 1 protection cover each
 - for cut-off wheels
 - for rough grinding wheels
- Quick adjustment of protection cover without tools
- Spindle thread: M 14
- Spindle lock
- Weight with battery: 2.28 kg
- Weight without battery: 1.53 kg
- Vibration acceleration: 7.90 ms⁻²



9233 Cordless right-angle grinder

HAZET No.	l mm	rpm	db (A) LpA	g	EA	EAN-No. 4000896+
• 3-piece set						
1 cordless right-angle grinder						
1 quick charger						
1 Li-ion rechargeable battery 18 V, 5 Ah						
9233-7	345.1	8000	89	–	–	218325
• 4-piece set						
1 cordless right-angle grinder						
1 quick charger						
2 Li-ion rechargeable batteries 18 V, 5 Ah						
9233-7/4	345.1	8000	89	–	4	218950
• Cut-off wheel set, 5 pieces						
• For 9233-7 · 9233-7/4						
9233-010/5	–	–	–	–	5	219063
• Cut-off wheel set, 25 pieces						
• For 9233-7 · 9233-7/4						
9233-010/25	–	–	–	–	25	219070
• Rough grinding wheel set, 10-piece						
• For 9233-7 · 9233-7/4						
9233-011/10	–	–	–	–	10	219087
• Basic unit cordless right-angle grinder, without rechargeable battery						
9233-010	345.1	8000	89	–	–	218943
• Battery pack						
• Li-ion, 18 V, 2 Ah						
• For 9212-3 · 9212 M-1 · 9212 M-1/4 · 9212 SPC-1 · 9212 SPC-1/4 · 9230-2 · 9230-2/4 · 9233-7 · 9233-7/4						
9212-02	–	–	–	390	–	213788
• Battery pack						
• Li-ion, 18 V, 5 Ah						
• For 9212-3 · 9212 M-1 · 9212 M-1/4 · 9212 SPC-1 · 9212 SPC-1/4 · 9230-2 · 9230-2/4 · 9233-7 · 9233-7/4						
9212-05	–	–	–	700	–	210367
• Battery charger						
• For 9212-3 · 9212 M-1 · 9212 M-1/4 · 9212 SPC-1 · 9212 SPC-1/4 · 9230-2 · 9230-2/4 · 9233-7 · 9233-7/4						
9212-03	–	–	–	660	–	204823

Hot-air hand-held devices

1990 Hot-air tool

- Many extra functions
- Power: **2000 Watts**
- Temperature range electronically-controlled and continuously adjustable
- Air flow range: **200–550 l/min electronically-controlled and continuously adjustable**
- Menu navigation in 8 languages (D, ES, FR, GB, IT, NL, PT, SE)
- 6-piece set, contents:
 - heat gun, 1 stainless steel welding nozzle, 1 overlap welding nozzle, 1 solder sleeve reflector nozzle and 1 reflector nozzle, 1 pressure roller
- 7 preset programmes for welding of plastic material (select the desired programme – temperature and air flow will be set automatically)
- Adjusting of the current temperature through closed electronically-controlled system, using different nozzles
- Stand-by mode (low power consumption at constant temperature)
- Sucked in air is not blown through the motor – preventing dirt from contaminating the motor
- 14 preset programmes
- Ergonomic design – even distribution of weights – may stand upright
- Protected heating element ensuring optimal isolation
- LCD display
- Plastic box
- Temperature range: 80°C – 650°C





Pneumatic Tools

Hot-air hand-held devices



1990 Hot-air tool



HAZET No.		EAN-No. 4000896+
1990-2/6	6	141586

1990 Heat gun

- Basic design – excellent price-quality ratio
- Power: **1600 watts**
- 2 air volume ranges: **350 / 500 l/min (two-stage switch)**
- High-quality ceramic heater, optimal device cooling and powerful motor ensure a long service life
- Sucked in air is not blown through the motor – preventing dirt from contaminating the motor
- Optimal, well balanced ergonomics
- Can be placed upright (readiness storage)
- Including heating element protection
- Electronics: Flicker-compliant
- Temperature range: 350°C – 500°C



HAZET No.	EAN-No. 4000896+
1990-10	218271

HAZET
Das Werkzeug

12⁵ 1/2" **700 Nm**
9212-3

12⁵ 1/2" **1400 Nm**
9212-1000

12⁵ 1/2" **270 Nm**
9212 M-1

12⁵ 1/2" **260 Nm**
9212 SPC-1

20 3/4" **1400 Nm**
9213-1000

2.0 Ah
9212-02

5.0 Ah
9212-05

9230-2

9233-7

9212-03





Diagnostics / borescope technology

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Innovative wireless charging

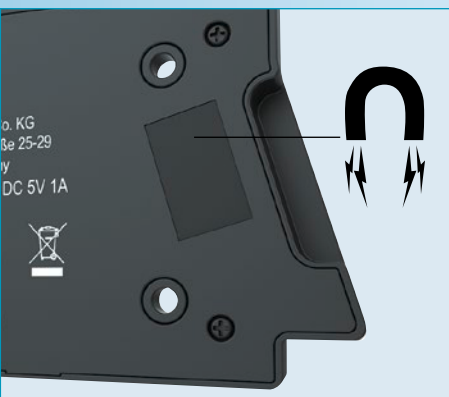
Charging by placing it on top – wireless charging



No mess of cables

Wireless charging improves safety by eliminating tripping hazards due to various charging cables. Your workshop looks neat and tidy when you get rid of the jumble of cables.

Same charging capacity as with conventional charging via cable



Magnetic holder

The magnetic holder enables flexible positioning on magnetic surfaces. The support base which is attached to the pad is not damaged by screwing or similar.



Self-positioning

The self-positioning feature allows for reliable and easy placement of the lamp. This prevents the lamp from not charging due to misplacement.



Additional charging source

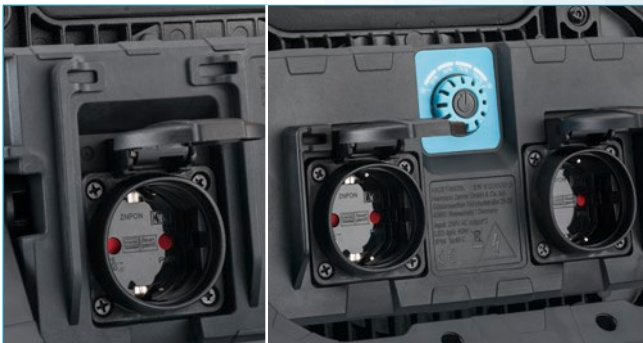
In addition to wireless charging, HAZET charging pads also allow traditional charging. There is a USB port on the bottom of the pad where cables can be plugged in.



First-rate lighting – for first-rate work:
LED work spotlight



1979 F-01



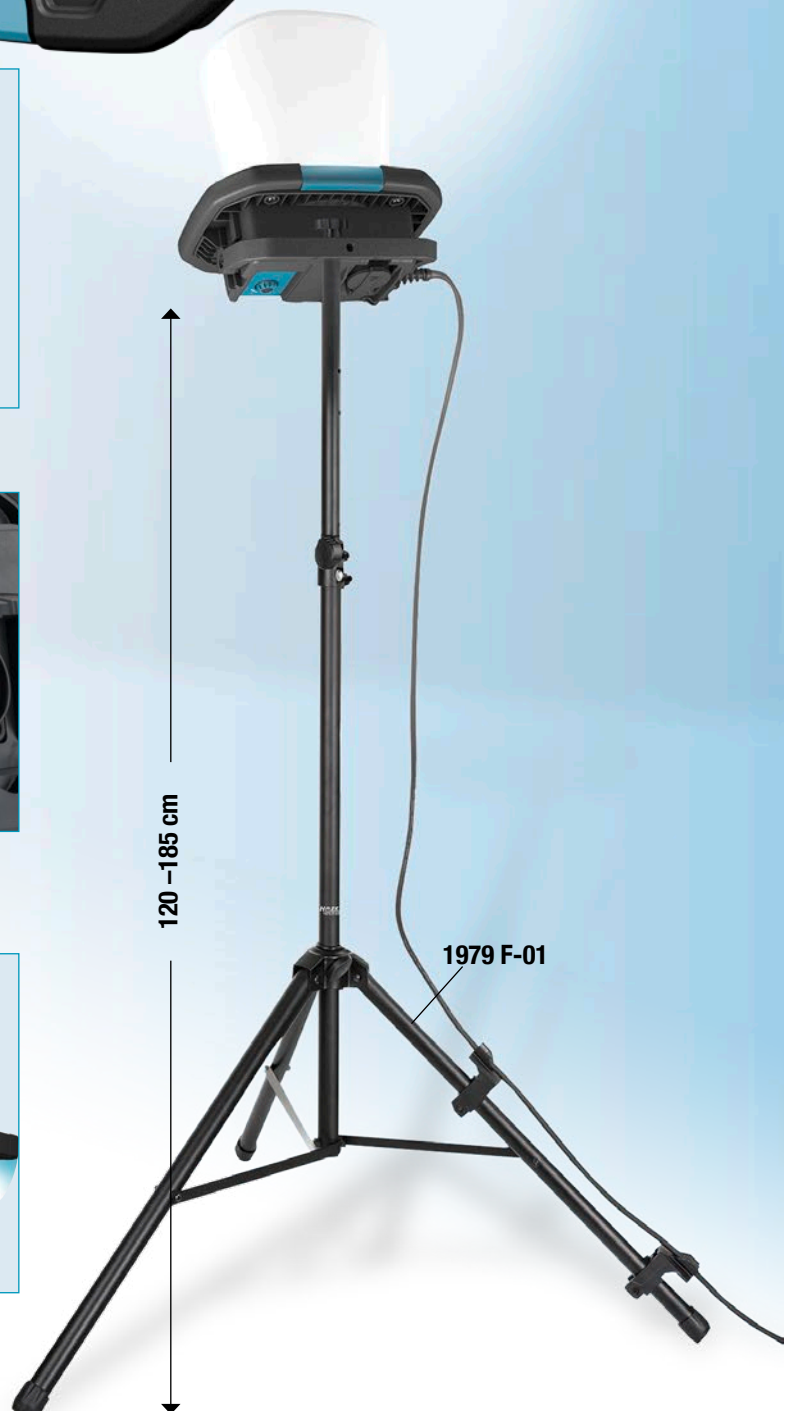
1x or 2x 230 V socket
(depending on model)



Magnetic holder



Base,
90° adjustable





		Luminous flux 100%	Operating time 100%	Type of protection (IP)	Protection rating (IK)	Battery/rechargeable battery designation	Power supply	LED technology
	1979 N-71	130 lm	4 h	IP54	IK07	2x 1.5 V Micro / AAA / (L)R03	Battery	SMD
	1979 N-72	200 lm	4.5 h	IP54	IK07	3x 1.5 V Micro / AAA / (L)R03	Battery	SMD
	1979-11	200 lm	2.5 h	IP65	IK09	1050 mAh lithium-ion rechargeable battery	USB cable (USB C)	COB/SMD
	1979 N-82	300 lm	2 h	IP65	IK09	3.7 V 1200 mAh lithium-ion rechargeable battery	USB cable (USB C)	COB/SMD
	1979-91	1000 lm	1.5 h	IP65	IK08	3.7 V 2600 mAh lithium-ion rechargeable battery	USB cable (USB C)	COB/SMD
	1979 W-11	200 lm	2.5 h	IP65	IK09	1050 mAh lithium-ion rechargeable battery	Wireless charging	COB/SMD
	1979 W-82	300 lm	2 h	IP65	IK09	3.7 V 1200 mAh lithium-ion rechargeable battery	Wireless charging	COB/SMD
	1979 W-91	1000 lm	1.5 h	IP65	IK08	3.7 V 2600 mAh lithium-ion rechargeable battery	Wireless charging	COB/SMD
	1979 W-11/3	200 lm	2.5 h	IP65	IK09	1050 mAh lithium-ion rechargeable battery	Wireless charging	COB/SMD
	1979 N W/3	300 lm 200 lm	2 h 2.5 h	IP65 IP65	IK09 IK09	3.7 V 1200 mAh 1050 mAh lithium-ion rechargeable battery	Wireless charging	COB/SMD
	1979 W/3	300 lm 1000 lm	2 h 1.5 h	IP65 IP65	IK09 IK09	3.7 V 1200 mAh 3.7 V 2600 mAh lithium-ion rechargeable battery	Wireless charging	COB/SMD
	1979 WP-1						USB cable (USB C)	
	1979 WP-2						USB cable (USB C)	
	1979 FC-40	4000 lm		IP54	IK07		230 V safety plug	COB
	1979 FC-60	6000 lm		IP54	IK07		230 V safety plug	SMD



Diagnostics / borescope technology

4812 Video borescope

• **4.9 mm Ø micro lens**

- Switching function viewing direction 90° + 0°
- Instant replay of video or photos at TFT monitor
- Show and hide date and time easily
- Automatic switch-off to save energy
- Image resolution: 640x480 pixels
- Improved connection between probe and housing (metal) adapter for using older probes: 4812-20
- One-hand operation

2nd generation probe:

- Improved illumination with the 90° function
- Improved illumination power of LED
- Simplified application
- Improved quality of the probe coating

Included in delivery

- 1 m probe cable with 4.9 mm Ø micro lens and LED light sources
- Operating panel
- Hooks including magnet
- SD card with 4 GB storage capacity
- 4xAA batteries



HAZET No.		EAN-No. 4000896+
4812-10/4 S	4	181742

4812 N Video borescope

• **Swivel probe**

- Swivel range: 1 x 180°
- Camera head only 11 mm long (-50% compared to conventional versions), enabling swivelling even in the tightest spaces
- Bending radius only approx. 35 mm (-30% compared to conventional versions)
- Light boost and integrated reflection reduction
- Light source: 5 dimming LEDs for optimum lighting
- 4x90° image rotation at the press of a button (no need to turn the probe)
- Micro-lens: 4.5 mm Ø – Front view with a resolution of 640x480 pixels
- Depth of field: 10 to 100 mm
- Casing made from steel mesh
- Metal connector between probe and housing
- Probe tip: IP 67
- Automatic switch-off to save energy
- Contents:
 - 1 m probe cable with 4.5 mm Ø micro-lens and LED light source
 - 1 operating panel
 - 1 SD card 4 GB
 - 4 AA batteries



4812 N Video borescope



HAZET No.		EAN-No. 4000896+
4812 N-10/3 AF	3	219131

4812 Probe for video borescope

- For probes with new, improved connection (4812 N) to be used in conjunction with the operating panels of the sets 4812-10/4 S · 4812-1/7 · 4812-1/6 · 4812-1/8
- For connection with older operating panels, please use the adapter 4812-30
- Camera resolution: 325 (H)x250 (V) = 76800 pixels
- Aperture angle of the camera: horizontal 46°, vertical: 34°, diagonal: 56°
- Depth of field: 10 to 60 mm
- Probe length: 1000 mm
- Weight: 220 g



HAZET No.	l mm	Ø mm	EAN-No. 4000896+
<ul style="list-style-type: none"> • 3.9 mm Ø • Viewing direction of the camera: 90° – permanently installed mirror (Side-View) sharp image up to the edge of the field • Luminous source: 2 dimmable LEDs in 90° direction No reflection in the mirror • Temperature range: 0°C – 55°C 			
4812 N-1 S	1000	3.9	187102
<ul style="list-style-type: none"> • 3.9 mm Ø • Viewing direction of the camera: straight view (Front-View) • Luminous source: 3 dimmable LEDs • Temperature range: 0°C – 55°C 			
4812 N-1 F	1000	3.9	187096
<ul style="list-style-type: none"> • 5.5 mm Ø • Viewing direction of the camera: straight view (Front-View) • Luminous source: 4 dimmable LEDs • Temperature range: 0°C – 55°C 			
4812 N-5.5	1000	5.5	187065
<ul style="list-style-type: none"> • 4.9 mm Ø • Visual angle switching function 90° + 0° • Dimmable LED • Metal connector • Temperature range: 0°C – 55°C 			
4812-16	1000	4.9	181841



4812 Probe for borescope



HAZET No.	∅ mm	EAN-No. 4000896+
4812 N-2 AF	4.5	218868

- 4.5 mm ∅ micro lens
- 1 m probe cable
- LED light source
- Probe protection rating: IP67 · Handle: IP57

2151 Stethoscope

Made in Germany

• Diaphragm with efficient transmission rate



• Steel tip 180 mm



HAZET No.	l mm	EAN-No. 4000896+
2151	1080	013043
2151-02/2	-	062287

- Ear tips for HAZET stethoscope 2151

1991 Non-contact infrared thermometer

• For non-contact temperature measurements. Integrated laser pointer



- Wide range application, e.g.- Automotive sector: radiator/cooling systems, brakes, air conditioning, engines, exhaust systems- Chemical and food controls- HVAC/R
- Rapid detection function
- Precise non-contact measurements
- Automatic data holding
- Display of max. temperature, trigger lock
- 9 V block battery (6LR61)
- Backlight LCD display
- Dual laser sighting
- D : S = 12 : 1
- Emissivity digitally adjustable from 0.1 to 1.0
- Set high and low alarms
- In artificial leather pouch with hook-and-loop fastener and belt loop
- Temperature range: -50°C – 550°C



HAZET No.	EAN-No. 4000896+
1991-1	156054

1977 Telescopic inspection mirror set

- Telescopic rod, double hinge joint with tension spring
- Replaceable mirror (clear mirror glass) with 4 mm stainless steel threaded bar
- Mirror won't tarnish as polished "metal mirrors" do
- Mirror glass encased in rugged stainless steel



4-piece set, contents:

Telescopic rod, extension length: 300 – 740 mm

Round mirror: 30 mm ∅

Round mirror: 50 mm ∅

Rectangular mirror: 65 x 43 mm



HAZET No.	l ₁ mm	l ₂ mm	EAN-No. 4000896+
1977-2/4	300	740	150144

1975 Pick-up tool with claws

• Flexible

• Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
1975	540	009725

1976 Magnetic pick-up tool

Made in Germany

- Magnetic bit retention
- Flexible shank
- Plastic handle



HAZET No.	l mm	∅ mm	∩ P	EAN-No. 4000896+
1976	545	15	4500	009732
1976-1	545	19	7500	009749
1976-2	475	8	1100	009763

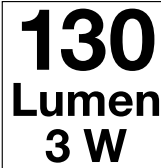
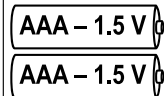


Lights

1979 LED penlight

• Thanks to the highly efficient reflector system a light yield of up to 130 lumen and a range of light of up to 75 metres is reached

- Improved design:
 - approx. 100% brighter
 - approx. 40% longer operating time
- Professional penlight always provides optimal handling through well balanced housing proportions and a surface with good grip
- Operation of the on/off switch is possible through its good positioning and it is also easy with gloves
- Extremely robust anodised aluminium housing protects inner parts from the entrance of dust and splash water (IP54)
- 3 watt LED
- Aluminium, black anodised
- Weight: 100 g
- Including sales display for a purchase of at least 12 pieces
- Number of batteries: 2x 1.5 V Micro / AAA / (L)R03
- Power supply: Battery
- LED technology: SMD
- Luminous flux 100%: 130 lm
- Operating time 100%: 4 h
- Range of light: 75 m
- Protection rating (IP): IP54
- Protection rating (IK): IK07



HAZET No.	l / mm	EAN-No. 4000896+
1979 N-71	139	208470

1979 LED torch light · small design

• Continuous one-hand focusing enables precise spotlight up to homogeneous floodlight

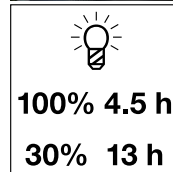
- Improved design:
 - Focusability
 - Approx. 33% brighter
- Professional penlight in small design always provides optimal handling through well balanced housing proportions and a surface with good grip
- Stable design protects against dust and splash water (IP54)
- Shock-resistant up to a height of fall of 1 m
- 3 watt LED
- 2 levels of brightness: 30% and 100% (regulation by On / Off switch)
- Range of light at 30%: 100 m
- Operating time at 30% (Energy Saving Mode) up to 13 h
- Luminous flux at 30% (Energy Saving Mode) 80 lumens
- Including practical carrying loop
- Including sales display for a purchase of at least 8 pieces
- Number of batteries: 3x 1.5 V Micro / AAA / (L)R03
- Power supply: Battery
- LED technology: SMD
- Luminous flux 100%: 200 lm
- Operating time 100%: 4.5 h
- Range of light: 175 m
- Protection rating (IP): IP54
- Protection rating (IK): IK07



1979 LED torch light · small design



100%
200 Lumen
30%
80 Lumen

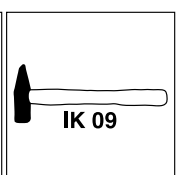
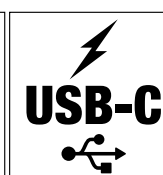


HAZET No.	l / mm	EAN-No. 4000896+
1979 N-72	135	208487

1979 LED pen light

• USB-C charging port

- Small compact LED lamp with high lighting power
- Progressively dimmable – optimal light adjustment
- Simple and quick diagnosis by main light (surface illumination) or top light (punctual illumination) for dialogue reception among other applications
- Should be in any tool bag
- 2-component plastic housing with rubberised surface
- Battery status and state-of-charge display
- Switching on / off as well as switching between top and main light via main button
- Including 100 cm USB-C charging cable
- Battery capacity: 1050 mAh
- Extendable clip holder
- Battery charge display
- Top light operating time: 2.5 h
- Top light luminous flux: 120 lm
- Highly integrated holding magnets on rear of the housing
- Power supply: USB cable (USB C)
- LED technology: COB/SMD
- Luminous flux 100%: 200 lm
- Operating time 100%: 2.5 h
- Charging time: 2 h
- Protection rating (IP): IP65
- Protection rating (IK): IK09



HAZET No.	l / mm	EAN-No. 4000896+
1979-11	180	235254



Lights

1979 LED Pocket Light

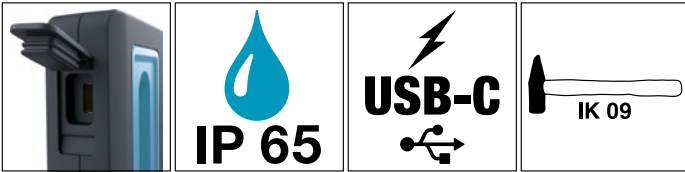
• **180° adjustable and 8-step lockable base for adjustment of work area illumination**

- 2-component plastic housing with rubberised surface
- Progressively dimmable – optimal light adjustment
- 4-stage battery status and state-of-charge display
- Switching on / off as well as switching between top and main light via main button
- Strong rubberised holding magnet on the underside
- 360° movable retaining hook
- Impact resistance (EN62262): IK09

- **Main light:**
operating time: 2 – 10 h
luminous flux 30 – 300 Lumen
3 Watt COB LED
- **Top light:**
operating time 5 h
Luminous flux 100 Lumen
- Including 100 cm USB-C charging cable (without USB adapter)
- Possible to charge the battery via a standard USB adapter 5 V maximum 1 A
- Power supply: USB cable (USB C)
- LED technology: COB/SMD
- Luminous flux 100%: 300 lm
- Operating time 100%: 2 h
- Charging time: 1.5 h
- Protection rating (IP): IP65
- Protection rating (IK): IK09



**100%
300
Lumen**



HAZET No.	l mm	EAN-No. 4000896+
1979 N-82	133	227211

1979 LED slim light

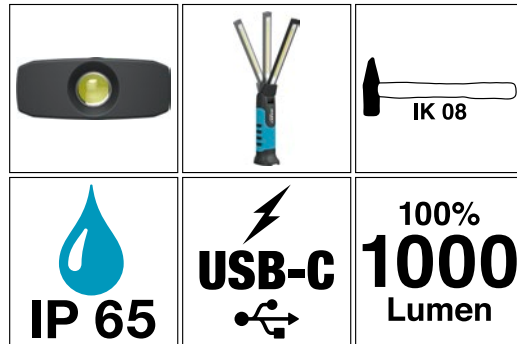
• **120° adjustable and 5-step lockable head for adjustment of work area illumination**

- 2-component plastic housing with rubberised surface
- Full-surface, homogenous illumination
- Dimmer switch on the rear side of the lamp – optimal light adjustment
- 4-stage battery and state-of-charge display
- Switching on / off as well as switching between top and main light via main button
- Strong rubberised holding magnet on the underside
- Fold-out and 360° rotatable retaining hook
- Aluminium head piece
- Solid base for good stability even on non-metallic substrates

- **Main light:**
operating time 1.5 – 8 h
Luminous flux 100 – 1000 Lumen
10 Watt COB LED
- **Top light:**
operating time 6 h
Luminous flux 150 Lumen
3 Watt SMD LED top light
- Charging / power supply via USB C port 5 V, maximum 1 A
- Including 100 cm USB-C charging cable (without USB adapter)
- Power supply: USB cable (USB C)
- LED technology: COB/SMD
- Luminous flux 100%: 1000 lm
- Operating time 100%: 1.5 h
- Charging time: 3.5 h
- Protection rating (IP): IP65
- Protection rating (IK): IK08



1979 LED slim light



HAZET No.	l mm	EAN-No. 4000896+
1979-91	365	222452

1979 LED pen light · wireless

• **Innovative wireless charging**

• **Efficient and comfortable charging function due to optimised self-positioning of the lamp on the pad**

- Small compact LED lamp with high lighting power
- Progressively dimmable – optimal light adjustment
- Simple and quick diagnosis by main light (surface illumination) or top light (punctual illumination) for dialogue reception among other applications
- Should be in any tool bag
- Charging starts immediately after the light is fitted
- 2-component plastic housing with rubberised surface
- Battery status and state-of-charge display
- Switching on / off as well as switching between top and main light via main button
- Wireless charging pad 1979 WP-1 or 1979 WP-2 is needed
- Battery capacity: 1050 mAh
- Extendable clip holder
- Battery charge display
- Top light operating time: 2.5 h
- Top light luminous flux: 120 lm
- Highly integrated holding magnets on rear of the housing
- Power supply: Wireless charging
- LED technology: COB/SMD
- Luminous flux 100%: 200 lm
- Operating time 100%: 2.5 h
- Charging time: 2.5 h
- Protection rating (IP): IP65
- Protection rating (IK): IK09



HAZET No.	l mm	EAN-No. 4000896+
1979 W-11	180	235230



1979 LED Pocket Light · wireless charging

- Innovative wireless charging
- Efficient and comfortable charging function due to optimised self-positioning of the light on the pad
- Charging starts immediately after the light is fitted
- 2-component plastic housing with rubberised surface
- 4-stage battery status and state-of-charge display
- Switching on / off as well as switching between top and main light via main button
- Power supply: Wireless charging
- LED technology: COB/SMD
- Luminous flux 100%: 300 lm
- Operating time 100%: 2 h
- Charging time: 1.5 h
- Protection rating (IP): IP65
- Protection rating (IK): IK09
- 180° adjustable and 8-step lockable base for adjustment of work area illumination
- Progressively dimmable – optimal light adjustment
- Strong rubberised holding magnets on the underside and rear side of the housing
- 360° movable retaining hook
- **Main light:**
operating time 2–10 h
Luminous flux 30 – 300 Lumen
3 Watt COB LED
- **Top light:**
operating time top light: 5 h
Luminous flux 100 Lumen
1 Watt LED



1979 LED Slim Light · wireless charging

- Innovative wireless charging
- Efficient and comfortable charging function due to optimised self-positioning of the light on the pad
- Charging starts immediately after the light is fitted
- 2-component plastic housing with rubberised surface
- 4-stage battery status and state-of-charge display
- Switching on / off as well as switching between top and main light via main button
- Power supply: Wireless charging
- LED technology: COB/SMD
- Luminous flux 100%: 1000 lm
- Operating time 100%: 1.5 h
- Charging time: 3.5 h
- Protection rating (IP): IP65
- Protection rating (IK): IK08
- Full-surface, homogenous illumination
- Dimmer switch on the rear side of the lamp enables optimal light adjustment
- 4-stage battery and state-of-charge display
- Strong rubberised holding magnet on the underside
- Fold-out and 360° rotatable retaining hook
- Aluminium head piece
- Solid base ensures good stability even on non-metallic substrates
- **Main light:**
operating time 1.5–8 h
Luminous flux 100 – 1000 Lumen
10 Watt COB LED
- **Top light:**
operating time top light: 6 h
Top light: 150 Lumen
3 Watt SMD LED

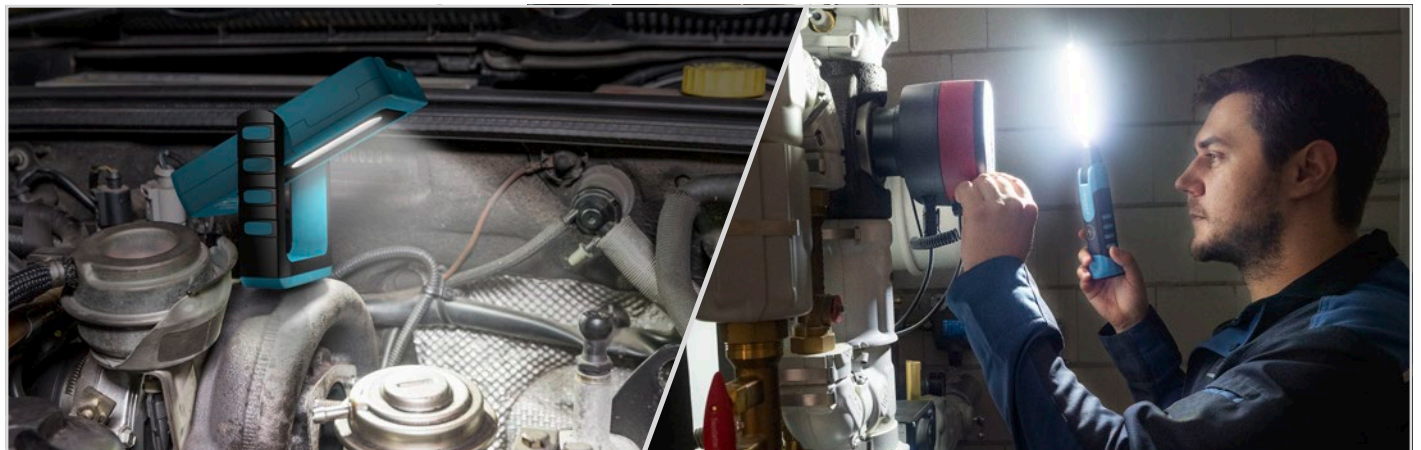


			100% 300 Lumen

			100% 300 Lumen

HAZET No.	l mm	EAN-No. 4000896+
1979 W-82	133	227228

HAZET No.	l mm	EAN-No. 4000896+
1979 W-91	365	227938





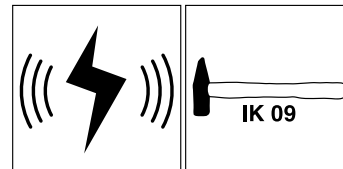
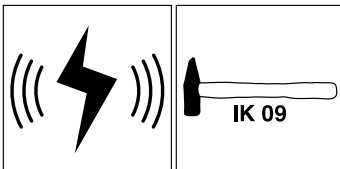
1979 LED pen light set

- Innovative wireless charging
- Efficient and comfortable charging function due to optimised self-positioning of the light on the pad
- Small, compact LED lamp with high lighting power
- Progressively dimmable – optimal light adjustment
- Simple and quick diagnosis by main light (surface illumination) or top light (punctual illumination) for dialogue reception among other applications
- Should be in any tool bag
- Charging starts immediately after the light is fitted
- 2-component plastic housing with rubberised surface
- Battery status and state-of-charge display
- Switching on / off as well as switching between top and main light via main button
- Pen light for daily use in diverse application fields
- LED pen light set, 3-part
- Contents:
- 2x 1979 W-11 LED pen light · wireless
- 1x 1979 WP-2 dual wireless charging pad
- 1x 100 cm USB-C cable
- 1x 5 V, 2 A power supply unit
- Power supply: Wireless charging
- Protection rating (IP): IP65
- Protection rating (IK): IK09



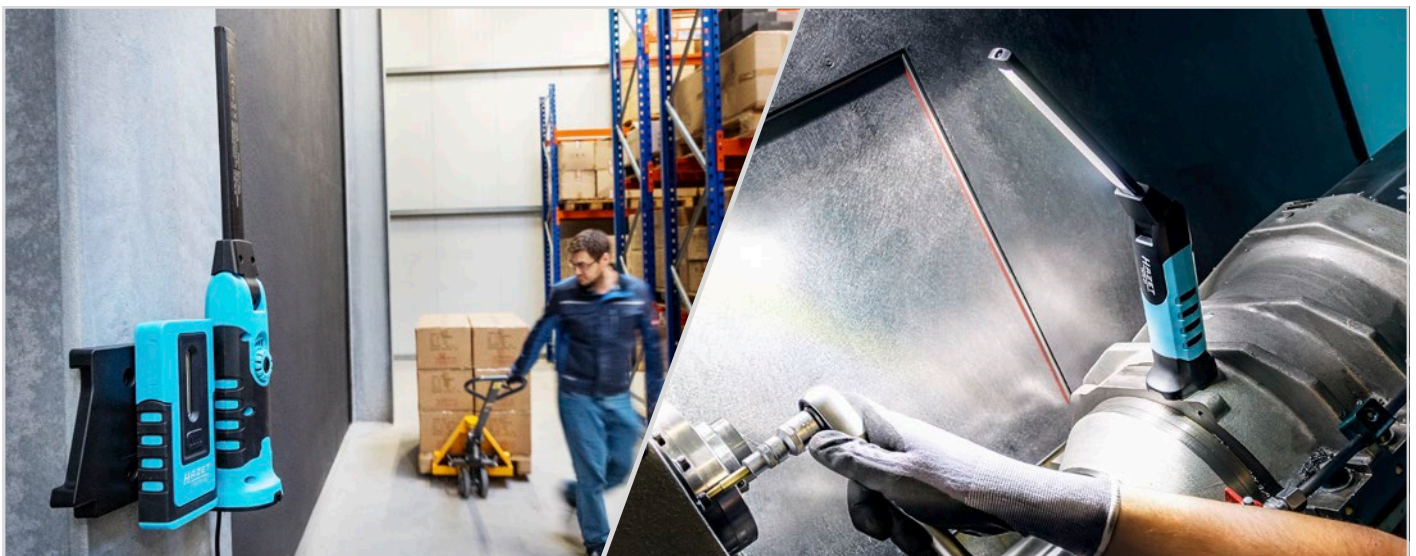
1979 LED inspection light set

- Innovative wireless charging
- Efficient and comfortable charging function due to optimised self-positioning of the lamp on the pad
- Small, compact LED lamp with high lighting power
- Progressively dimmable – optimal light adjustment
- Simple and quick diagnosis by main light (surface illumination) or top light (punctual illumination) for dialogue reception among other applications
- Should be in any tool bag
- Charging starts immediately after the light is fitted
- 2-component plastic housing with rubberised surface
- Battery status and state-of-charge display
- Switching on / off as well as switching between top and main light via main button
- LED light set, 3-part
- Contents:
- 1x 1979 W-11 LED pen light · wireless
- 1x 1979 W-82 LED pocket Light · wireless charging
- 1x 1979 WP-2 dual wireless charging pad
- 1x 100 cm USB-C cable
- 1x 5 V, 2 A power supply unit
- Power supply: Wireless charging
- Protection rating (IP): IP65
- Protection rating (IK): IK09



HAZET No.	EAN-No. 4000896+
1979 W-11/3	235247

HAZET No.	EAN-No. 4000896+
1979 N W/3	235261





1979 LED light set

- **Innovative wireless charging**
- **Efficient and comfortable charging function due to optimised self-positioning of the light on the pad**
- Charging starts immediately after the light is fitted
- 2-component plastic housing with rubberised surface
- 4-stage battery status and state-of-charge display
- Switching on / off as well as switching between top and main light via main button
- LED light set, 3 pieces
- 1x 1979 W-82 LED Pocket Light
- 1x 1979 W-91 LED Slim Light
- 1x 1979 WP-2 charging pad for 2 lamps
- 1x 100 cm USB-C cable
- 1x 5 V, 2 A power supply unit
- Power supply: Wireless charging
- LED technology: COB/SMD
- Protection rating (IP): IP65



HAZET No.		EAN-No. 4000896+
1979 W/3	3	227969

1979 Wireless charging pad

- **Additional USB port for charging more devices**
- Holding magnets on the rear of the pad for fastening to magnetic substrates
- 4 screw holes
- Including 100 cm USB-C cable (without USB adapter)
- 5 V USB-C input
- It is possible to charge the battery via pad or USB port
- Power supply: USB cable (USB C)



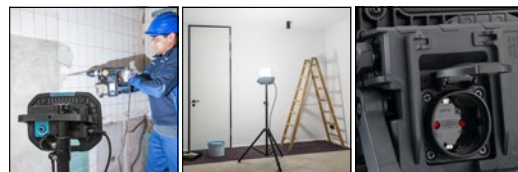
1979 Wireless charging pad



HAZET No.	EAN-No. 4000896+
1979 WP-1	227952
1979 WP-2	227945

1979 LED work spotlight

- **40 watt energy-efficient COB LED technology for uniform room lighting**
- Rotatable dimmer switch for infinite adjustment
- Increased functionality by an additional 230V socket on the rear which enables coupling and operation of any additional devices
- 50 % of the power is immediately available when switching on
- Robust PU housing with surrounding aluminium components for better heat dissipation
- Visual power indication: 4-stage
- Base: 90° adjustable
- Cable length: 5 m
- Impact resistance (EN62262): IK07
- Extendable by:
 - 1979 F-01 diffuser
 - 1979 F-02 holding magnet
 - 1979 F-03 telescopic tripod
- Power supply: 230 V safety plug
- LED technology: COB
- Luminous flux 100%: 4000 lm
- Protection rating (IP): IP54
- Protection rating (IK): IK07
- Luminous flux: 400 – 4000 lumens
- 1 extension socket on the rear



IK 07	IP 54	100% 4000 Lumen
-------	-------	--------------------------------

HAZET No.	l mm	EAN-No. 4000896+
1979 FC-40	280	227839



Lights

1979 LED work spotlight

- 60 watt energy-efficient SMD LED technology for uniform room lighting
- Rotatable dimmer switch for infinite adjustment
- Increased functionality by an additional 230V socket on the rear which enables coupling and operation of any additional devices
- 50 % of the power is immediately available when switching on
- Robust PU housing with surrounding aluminium components for better heat dissipation
- Visual power indication: 4-stage
- Base: 90° adjustable
- Cable length: 5 m
- Impact resistance (EN62262): IK07
- Extendable by:
 - 1979 F-01 diffuser
 - 1979 F-02 holding magnet
 - 1979 F-03 telescopic tripod
- Power supply: 230 V safety plug
- LED technology: SMD
- Luminous flux 100%: 6000 lm
- Protection rating (IP): IP54
- Protection rating (IK): IK07
- Luminous flux: 600 – 6000 lumens
- 2 extension sockets on the rear



IK 07	IP 54	100% 6000 Lumen
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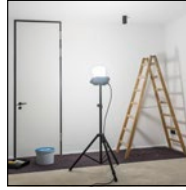
HAZET No.	l mm	EAN-No. 4000896+
1979 FC-60	360	227822

1979 Light diffuser

- Can be locked with bayonet fitting
- Maximum luminous flux for diffuser usage
 - 1979 FC-40: 3200 Lumen
 - 1979 FC-60: 4800 Lumen



1979 Light diffuser



HAZET No.	EAN-No. 4000896+
1979 F-01	227815

1979 Magnetic holder

- Magnetic coating protects against damage to the substrates

- Can be locked using the enclosed fastening screw
- Magnetic retention force max.: 10 kg



HAZET No.	EAN-No. 4000896+
1979 F-02	227808

1979 Telescopic tripod

- Tripod permits a secure stand

- Sturdy steel construction
- Tool-free assembly
- Foot locking and height locking option
- Additional cable guides on tripod
- Height 120 – 185 cm
- Load-carrying capacity: 30 kg



HAZET No.	EAN-No. 4000896+
1979 F-03	227174



Floor mats

195 Kneeling mat

Made in Germany

• In the shape of the HAZET logo

- Now even more comfort due to new foam quality
- Easy-to-clean surface
- Carrying/suspension handle
- Made of non-absorbing foam with closed cell structure



HAZET No.	L x W x H mm	EAN-No. 4000896+
195-1	450x210x30	121069

195 Mechanic's mat

Made in Germany

• In the shape of the HAZET logo

- Now even more comfort due to new foam quality
- Easy-to-clean surface
- Big mat for motor mechanics
- Made of non-absorbing foam with closed cell structure
- Carrying handle



HAZET No.	L x W x H mm	EAN-No. 4000896+
195-5	975x385x30	153718

Car covers

196 Fender cover · universal

Made in Germany

• Magnetic fastening (6 magnets)

- Optimal protection for your customers' vehicles
- Increased work quality – reduction of refinishing works
- Suitable for nearly all vehicle types



HAZET No.	mm	EAN-No. 4000896+
196 N-1	950x670	208258

196 Fender cover

• Made of specially coated anti-slip material

- Waterproof, oil and grease repellent
- Cover adheres vertically to almost all car body surfaces (aluminium, steel, GRP)
- Regarding fire safety, cover corresponds to British and US standards Fed 302
- Washable at +40 °C
- Cover for the protection of the car body surface from scratches and damages
- Easy to clean nylon front side surface
- Dimensions: 890 x 500 mm
- Material: 60% polyester, 30% polyamide/nylon, 10% cotton



HAZET No.	mm	EAN-No. 4000896+
196-2	890x500	149469

196 Front car cover

• Also for working with the engine running

- Waterproof, oil and grease repellent
- Regarding fire safety, cover corresponds to British and US standards Fed 302
- Easy to clean
- Loop fastening
- Cut-outs for lighting and radiator
- Material: 98% polyamide/nylon, 2% polyurethane



HAZET No.	EAN-No. 4000896+
196-3	149414

196 Steering wheel and seat cover set

• Suitable for nearly all common car seats and steering wheels

- One size fits all
- Reusable
- Durable
- Waterproof, oil and grease repellent
- Regarding fire safety, covers correspond to British and US standards Fed 302
- Tested with a side airbag
- Antistatic
- Washable at +40 °C
- Made of hard-wearing nylon fabric with a surrounding elastic band
- Easy to clean
- Durable black cover with a welt edge (HAZET blue)
- Material: 98% polyamide/nylon, 2% polyurethane



HAZET No.	Quantity	EAN-No. 4000896+
196-6/2	2	150151



Lubrication technology

197 Magnetic cup

- Stores small parts such as screws etc.
- Plastic
- Magnetic foot allows fixation to tool trolleys, workshop panels, car lifts etc.

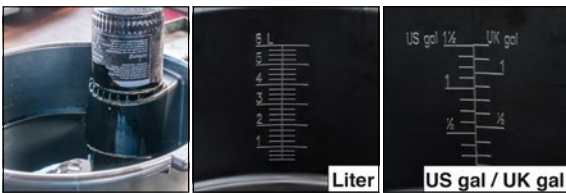


HAZET No.	Ø mm	EAN-No. 4000896+
197-3	150	158584

197 Multifunctional drain pan

- For oil change / oil filter replacement and for cleaning of parts

- Safe and clean outpour due to circumferential overflow gutter
- Made of polyethylene (break-proof)
- Internal scale: Litre, US gal / UK gal
Scale graduation: 1 l / 1 gal
- 3 handles
- With pouring spout
- With protuberance including filter security (anti-slip) to deposit small parts
- With drainer for oil filter
- Stackable trays
- Dimensions L x W x H: 400 x 390 x 120 mm
- Manufactured in the EU



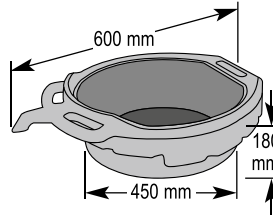
HAZET No.	l	EAN-No. 4000896+
197 N-1	6	198924

- For oil change / oil filter replacement and for cleaning of parts

- Safe and clean outpour due to circumferential overflow gutter
- Made of polyethylene (break-proof)
- Tap for pouring out liquids safely and cleanly
- Three carrying handles for safe carrying and outpouring



197 Multifunctional drain pan



HAZET No.	l	EAN-No. 4000896+
197-2	16	146802

Germany Made in Germany

- Universal application
- Large capacity

Application: can be used as a cleaning pan, dirt pan, oil pan, storage pan, disinfection pan, leakage pan, transport pan, feed pan, in sanitary and heating construction, the motor vehicle industry and workshops, for hunting equipment, chemical/laboratory use, food industry/ butcheries, fishing, pet supplies, horse accessories, etc.

- Alkaline-resistant and acid-resistant
- Volume: 50 l
- Internal dimensions (W x D x H): 800 x 520 x 100 mm
- From TÜV-certified production in accordance with DIN ISO 16901



HAZET No.	l	EAN-No. 4000896+
197-50	50	210008

- Chemical-resistant, unbreakable plastic with smooth, abrasion-proof surface



HAZET No.	l	EAN-No. 4000896+
197-4	3	214235



198-1 Flex spout funnel

- Filling with all standard workshop liquids such as oil, fuel or brake fluid
- Funnel made of polypropylene, flexible spout made of polyethylene, with stainless steel filter
- Funnel diameter: 165 mm
- Length including hose: 480 mm



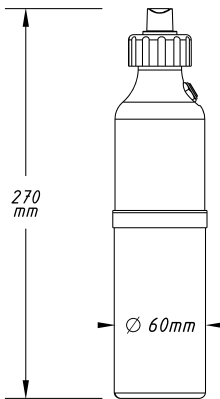
HAZET No.	EAN-No. 4000896+
198-1	149155

199 Spray bottle · refillable

- Use with multi-purpose spray, such as e.g. penetrating oil, rust remover, as well as rim and brake cleaner



- Savings due to the use of large containers
- Safety valve
- Max. working pressure: 8 bar
- Viton® gaskets
- Including 155 mm long jet nozzle and short spray nozzle
- Fog spray and point jet
- Two-piece design enables easy cleaning
- Easy filling through the bottleneck (∅ 25 mm) or in the lower part (∅ 54 mm)
- Environmentally-friendly: CFC-free and reusable
- The valve located in the floor serves exclusively for filling with compressed air



HAZET No.	l	EAN-No. 4000896+
199-4	0.227	198429

198 Measuring cup

- Brake fluid, battery fluid and non-acidic liquids
- Material: HDPE
- Colour: white/ transparent



HAZET No.	l	EAN-No. 4000896+
198-4	1	174485
198-5	2	174478
• With pouring spout		
198-6	5	174522
198-8	5	174508

2160 Oiler



HAZET No.	l mm	l	EAN-No. 4000896+
2160	245	0.2	013289

2162 Grease gun

- Capacity: 500 cm³
- Reinforced hose, nozzle tube and 2 mouthpieces M 10 x 1



HAZET No.	EAN-No. 4000896+
• Light design, wall thickness 1 mm	
2162-1	075027
• Reinforced design, wall thickness 1.5 mm	
2162-2	075034



2162 High performance suction gun

- Unneeded material can be easily sucked back
- Flexible plastic hose outlet
- Housing material: galvanised steel



2162-6

HAZET No.	l	EAN-No. 4000896+
• Filling capacity: 500 ml		
• Inside diameter of the hose: 9,5 mm		
• Outside diameter of the hose: 12.5 mm		
• NBR seals		
• For engine oils with a viscosity of 30 to 68		
• Not suitable for acidic (erosive) liquids		
2162-4	0.5	174850
• Metal outlet also included		
• Filling capacity: 1000 ml		
• Inside diameter of the hose: 9.5 mm		
• Outside diameter of the hose: 12.5 mm		
• NBR seals		
• For engine oils with a viscosity of 30 to 68		
• Not suitable for acidic (erosive) liquids		
• Coupler thread (hose/pipe) on the pump bottom: 12.7 mm (1/4") PT x 19		
2162-6	1	174454

2162 Manual decanting / filling pump

Made in Germany

- **600 ml pump volume enables fast transfer pumping and filling of fluids between different tanks**

- Application: Filling and decanting liquids
- Base plate and double connection for hoses with 10/15 mm inside Ø
- 1 suction hose, length: 3 m
- 1 pressure hose, length: 3 m
- On e.g. **MERCEDES-BENZ** Citaro Euro 6 together with coolant pipe 2 x A.311.500.09.91 and coupling muff A.001.553.19.26 and coupler plug A.001.553.20.26
- Transmission or engine oils can be filled quickly, bubble-free and cleanly using the pump
- Fluids to be transferred, e.g.
 - Ad Blue
 - Cooling fluids
 - Windscreen frost protection
 - Oil
 - Water



HAZET No.	EAN-No. 4000896+
2162-7	207756

2162 Hand-operated dosing pump

- **The double scale enables precise dosing of various liquids**

- Coupler thread (hose/pipe) on the pump bottom: M15 x 1.5
- Housing material: PVC (transparent)
- Hose inside Ø: 10 mm
- Hose outside Ø: 16 mm
- NBR seals
- Unneeded material can be easily sucked back
- Incl. flexible, transparent plastic hose fibre-reinforced
- Including curved 120° aluminium application tube Ø 10 mm
- Absorbent and smooth
- Hose length 600 mm plus application tube
- Maximum transport volume 4 l/min
- Length without house 545 mm



HAZET No.	l	EAN-No. 4000896+
2162-8	0.7	213337

2163 Hand pump with telescopic suction tube 16 l/min.

Made in Germany

- Suitable for drums from 50 to 200 l
- Telescopic suction tube made of metal, extendable from 450 to 860 mm
- Base component made of galvanised steel
- R 2" and R 1 1/2" drum adapters
- Removable, bent outlet made of metal
- Flow rate: approx. 0.35 l / stroke
- Weight: 2.2 kg

Caution: Not suitable for gasoline extraction



HAZET No.	EAN-No. 4000896+
2163-1	172771



2162 Mini grease gun

- Filling capacity: 80 g
- Creates pressure up to 1,000 PSI / 69 bar
- Filling with loose grease
- Including lubricating nipple in 50° and 90° versions



9300 N-60



HAZET No.	l / mm	EAN-No. 4000896+
2162 M	145	185634
<ul style="list-style-type: none"> • Rapid and clean filling of the HAZET 2162 M mini grease gun • Improved mechanical stability prevents loss of lubrication performance in vibrating environment • Good water washout resistance • High oxidative stability • High corrosion protection and excellent adhesion on metallic surfaces • Grease cushion 60 ml 		
9300 N-60	-	203406

199 Pressure sprayer

- **Capped pumping mechanism increases chemical resistance**
- For universal application in industrial and automotive sectors
- **Cleaning and degreasing of workpieces, workshops and vehicles**, such as machinery, engines, floors, rims etc.
- **Applying oils and separating agents** on machinery, workpieces, track switches and components, for mould making, for formworks etc.
- **Disinfecting and cleaning floors, facades, sanitary facilities, pools etc.**
- Integrated safety valve (2.5 bar) enables the container to depressurize before opening
- With Viton® gaskets
- Seals and materials resistant to most acids and solvents as well as to chemicals that are used most frequently in industry, automotive technology and professional cleaning
- Adjustable conical nozzle and flexible, break-proof pumping lever
- Permissible working pressure: maximum 2.5 bar
- Flow rate: 0.5 l/min. at 2.5 bar using the white, adjustable conical nozzle
- 0.8 l/min. at 2.5 bar with the grey flat spray nozzle
- Net volume: 1 l
- Gross volume: 1.35 l



HAZET No.	l	kg	EAN-No. 4000896+
199 N-1	1	0.46	189007





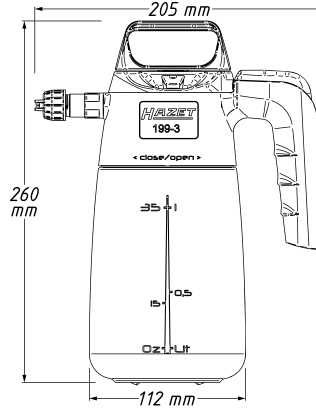
199 Pressure foam sprayer

• **Three nozzles (in scope of delivery) for generating wet and dry foams as well as for implementing different reaction times**

- Application: Creating tight and permanent foam
- Cleaning/disinfecting of surfaces, workpieces, vehicles, sanitary facilities
- **Better visual control of the sprayed area**
- For neutral cleaners as well as diluted acid and alkaline cleaners
- Ideal for
 - Cleaning and disinfecting work on upholstery and rugs
 - Disinfection of bathrooms and sanitary facilities
 - Kitchens and food industry
 - Cleaning vehicles, work surfaces etc.
- Transparent, durable tank with level indicator
- Integrated safety valve (2.5 bar) enables the container to depressurize before opening
- With Viton® gaskets
- Permissible operating pressure: max. 3 bar
- Net volume: 0.75 l
- Gross volume: 1.5 l
- For use of chemicals with surface-active properties (surfactants)
- Increasing the duration of contact between chemical and surface to be cleaned guarantees increased effectiveness of the chemical product
- Seals and materials resistant to most acids and solvents as well as to chemicals that are used most frequently in industry, automotive technology and professional cleaning
- Wide filling neck
- Protection cover for chamber valve
- Including 3 different nozzles (black = normal, green = dry, orange = wet) for adjusting the foam quality
- Special flat nozzle suitable for foam
- Special flat spray nozzle for wide fan beam
- Including 10 spare filters
- Flexible, break-proof pumping lever

Application fields:

- **Cleaning textiles, upholstery and carpets** while at the same time avoiding excessive moistening to reduce the drying time and prevent fungi and bacteria from developing



HAZET No.		EAN-No. 4000896+
199-3	0.75	207237

General workshop tools

1988 Clamping strap / Lashing strap

Made in Germany

- Application: Safe transport of luggage and goods
Safe transport of the load is also indispensable for private individuals and small enterprises!
- Length: 6 m
- As per EN 12195-2
- Lashing capacity / strapping: LC (strap webbing elongation in %) 1,000 daN in the strapping
- Tensile force / ratchet: STF (tensile force) 200 daN
- Strap colour: light blue including HAZET logo imprint, black



HAZET No.	EAN-No. 4000896+
1988-6	219193

2175 N Machinist's vice



HAZET No.	<i>b</i> mm	<i>sf</i> mm	<i>sb</i> max. mm	EAN-No. 4000896+
• Machinist's vice				
• Drop forged				
• Gripping jaw width: 100 mm				
• Installation on <i>Assistant</i> 177 W · 179 W · 179 N W work benches together with 179 N W-11 machinist's vice fastening set Assembly on <i>Assistant</i> 177 tool trolleys together with 2175 N-11 wooden liner				
2175 N	100	50	125	013685
• Distance plate (wooden) for machinist's vice 2175 N				
• Installation of the vice on work benches <i>Assistant</i> 172 HD, 177, 180, 180 K-4				
• Including installation accessories				
2175 N-11	–	–	–	013692



Safety at work

1987-5 Mechanics gloves

- Extremely abrasion resistant due to perfect mix of synthetic leather (palms) and PVC, protectors on the outside surface
- Excellent elasticity and optimal fit, special Bignet® stretch fabric provides perfect grip and freedom of movement
- Breathable
- Non-skidding
- Washable
- Material: 48% polyamide/nylon, 25% polyacrylic, 25% polyester, 2% polyurethane



HAZET No.	EAN-No. 4000896+
• Size L 1987-5 L	181735
• Size XL 1987-5 XL	181759
• Size XXL 1987-5 XXL	181766

1987 Mechanic's gloves

- Protection thanks to TPR protectors and fine knitted fabric
- The palm: maximum abrasion resistance due to high-quality nitrile rubber coating
- Easy grip
- Very good freedom of movement and fit
- Long wear life due to selected material components
- Easy to clean
- Size: L
- Tested against increased mechanical risks according to standard EN 388:2016
Additional cut protection test according to standard EN ISO 13997 with power levels 4131A



HAZET No.	EAN-No. 4000896+
1987-6	222643

1987 Working gloves · genuine leather

- Pleasant, lightweight feel and excellent dexterity due to high-quality kid leather
- High-quality mix of materials from supple genuine leather and modern microfibre textiles
- Exact-fit due to Velcro® strip cuffs (hook and loop fastener)
- Lightweight and breathable
- Tested against increased mechanical risks according to standard EN 388:2016
Additional cut protection test according to standard EN ISO 13997 with power levels 2111A



HAZET No.	EAN-No. 4000896+
1987 N-3	222650

1987 Gloves

- Microfoam coating
- Breathable coating
- Maximum flexibility and freedom of movement together with excellent mechanic protection
- Water repellent
- Material: 60% cotton, 40% polyester



HAZET No.	EAN-No. 4000896+
1987 N-4	203840







Specialty Tools

	Engine	Engine Timing / Timing Belt Spark and Glow Plug Cylinder head Valves / Pistons Fuel System / Fuel Injection Cooling System / Hose Connection Diagnostics Exhaust System / Lambda Probe	381-384 385-389 390 391-392 392-399 400-403 404-407 408-409	
	Gearbox	Clutch	409	
	Oil service		410-415	
	Brakes		415-423	
	Chassis	Spring Vices / Shock Absorbers Wheel Bearing / Wheel Hub Silent Block Cardan Shafts Wheels / Tyres	424-434 434-444 445-446 446-449 450-451	
	Electricity / Battery Service	Electrical Testing Battery Service Contacts / Plug connections / Cable unlocking tool Alternator / Radio removal	452 452-453 453-455 456-457	
	Body and Interior Equipment	Car Body Repair Car Glass / Wiper Arm Steering wheel	458-465 466 467	
	Commercial vehicle	Engine Oil service Brakes Chassis Electricity / Battery Service Body and Interior Equipment	467-470 470-471 471-473 473-480 480-481 481	



Universal spring vice 4903

... everything fits well. And your safety is guaranteed.

- Short familiarization period due to easy handling
- Comfortable, safe and easy handling for just one user
- Definite workflow
- Top handling due to 90° swivelling
- Allows impact-free operation (e.g. cordless screwdriver or pneumatic air ratchet)
- Suitable for almost all spring shapes and designs
- Even blank-ends and accessories generally do not limit the tool's functionality
- Suitable for almost all shapes of head plates (e.g. due to 180° swivelling clamping device)
- Tool offers mobile and stationary application suitable for any workshop task
- Safe fit of the spring and especially the load-free installation guarantee security
- In 90 % of all cases, time saving of approximately 20 minutes per vehicle with damaged shock absorbers in comparison to current competitive products
- Time saving of approx. 10 minutes when completely removing the spring strut (McPherson)



5 steps to success

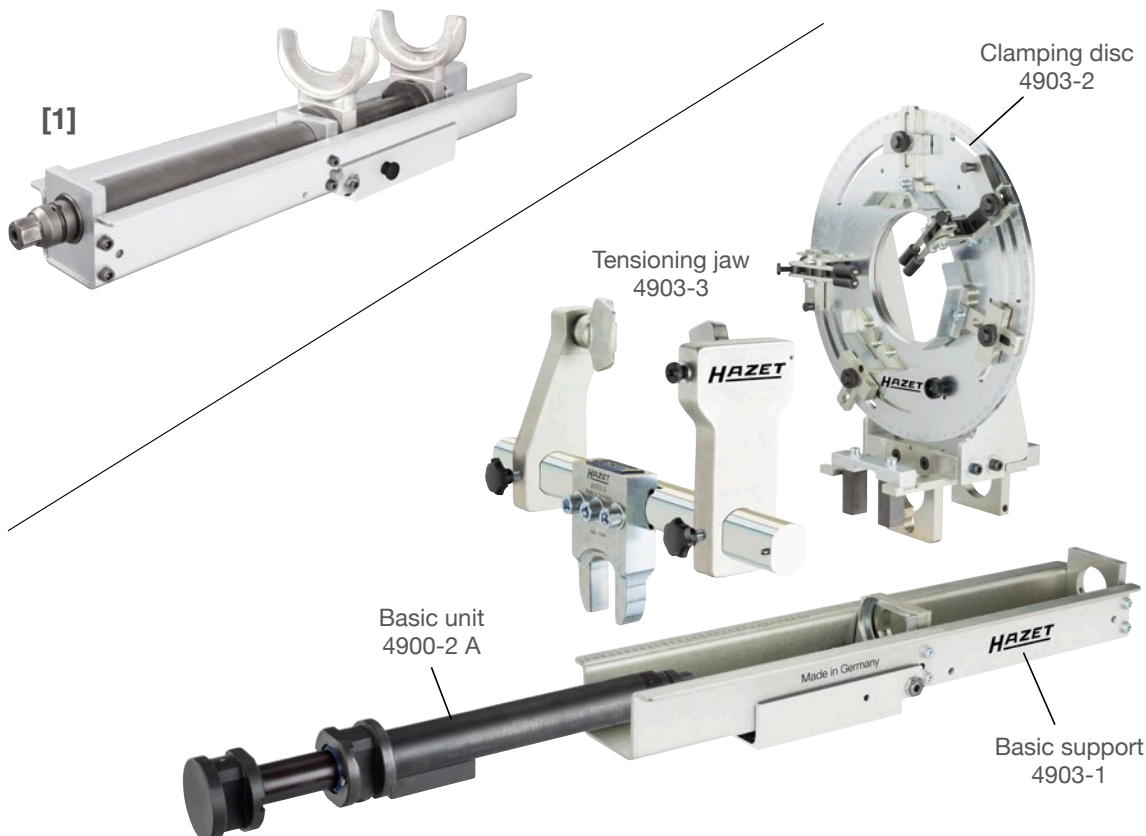
Spring strut fixation	Swivelling	Optimum working height approx. 1.30 m	Operating	Load-free! Dismantling
	<p>Adjusting vertically, operating horizontally</p>		<p>Retracting</p> <p>Optionally with reversible ratchet, cordless screwdriver or pneumatic ratchet</p>	<p>Load-free! Dismantling</p>



Time saving thanks to usage of the HAZET universal spring vice compared to standard applications

Necessary work steps when replacing shock absorbers	HAZET 4903/4	Time saving compared to competitors
Clamping	Less complicated operation	👍
Operating	Comparable or considerably faster with cordless screwdriver	👍
Releasing	Not necessary	👍
Removal	Comparable	✓
Operating	Not necessary	👍
Releasing	Comparable	✓
Strut removal	Comparable	✓
Clamping of second shock absorber	Significant savings: easier and less complicated	👍
Operating	Comparable or considerably faster with cordless screwdriver	👍
Releasing	Not necessary	👍
Removal	Comparable	✓
Operating	Not necessary	👍
Releasing	Comparable	✓
Strut removal	Comparable	✓

- Can be used for almost any strut / shock absorber
- New seating and assembly concept
- High safety
- Allows record keeping by scaling
- Secured investment through the use of existing SYSTEM components 4900[1]



Patented

Made in Germany





HAZET safety spring vice 4900

... everything fits well. And your safety is guaranteed.

- Suitable for approx. 200 vehicle types
- High loading capacity of 26,000 N
- Suitable for impact wrenches
- Closed system – maintenance-free
- Proven safety
- With socket rail for machinist's vice





HAZET compact wheel hub bearing unit tool sets

Diversity with system!

- For removing and installing the wheel hub bearing unit when installed on vehicles from the **VOLKSWAGEN Group (VW, AUDI, SEAT, ŠKODA)**
- Provides security and effectiveness
- Suitable for all common wheel hub and wheel bearing dimensions
- Usable with threaded spindle 4930-1 and spindle nut 4930-2
- Affordable starter set for \varnothing 72 mm wheel bearings
- Perfect supplementary sets for \varnothing 62 mm and \varnothing 66 mm
- Special set for \varnothing 85 mm units completes the product range



Basic Working Equipment:



Suggestion on how to put a set together

from professionals for professionals:

4934-2572/12	- Starter set	(\varnothing 72 mm)
+4934-2562/6	- Supplementary set	(\varnothing 62 mm)
+4934-6605/3	- Thrust rings for installation	(\varnothing 66 mm)

= Perfect equipment

Single parts available – please contact your HAZET partner!

Made in Germany



HAZET specialty tools – The specialist for specialists



Good ideas –
cleverly implemented
by HAZET



Engine

Engine Timing / Timing Belt

220 Universal engine support

Made in Germany

• For transverse engines

- Application: Supporting the engine during maintenance work on thrust bearings, timing belts, water pumps or tensioner rollers
- Suitable for nearly all vehicle types
- After loosening the engine mount, the engine support safely holds the vehicle engine in the engine compartment (time savings and higher safety at work)
- Installation of the engine support underneath the motor vehicle allows optimal access during repair work (engine is supported from below), ensuring optimal working conditions in the engine compartment from above. Optimal work in the engine compartment (from above)
- The most important advantage compared to work with engine lifting beam or engine crane (both are mounted above the engine and may obstruct repair works) is that the engine compartment is freely accessible
- Note for using engine lifting beams:
 - The fenders of newer vehicles often slope or are made of plastic material. This means that, unlike with the HAZET universal engine support, classic engine lifting beams are often unsuitable and not mountable without damage
- Rubber covered feet with ball bearings allow flexible adjustment of the engine support
- Variable length: 620 – 900 mm
- Including 2 assembly holders
- Fully galvanised for optimal surface protection
- Manual operation through T-handles or wing screws
- Maximum loading capacity: 250 kg



HAZET
No.

EAN-No.
4000896+

220-1

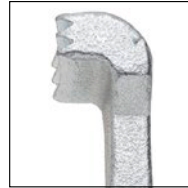
191758



1789 N Pulley extractor

Made in Germany

- Application: Removing **passenger car, SUV and transport vehicle pulleys**
- Extractor for pulleys **with thread holes**, operation with:
 - 1 crossbar, short, for pulleys 43–120 mm \varnothing
 - 1 crossbar, long, for pulleys 95–210 mm \varnothing
 - 3 exchangeable pressure pieces, serving as spindle extension
- Extractor for pulleys **without thread holes** (hook grip behind pulley), application with:
 - 1 crossbar, short, for pulleys 23–100 mm \varnothing
 - 1 crossbar, long, for pulleys 85–195 mm \varnothing
 - Puller hooks for a span depth up to 68 mm or extension up to 88 mm
- Extractor with **2 groove hooks** (fit into the grooves of the pulley, if gripping behind is not possible), application with:
 - 1 crossbar, short, for pulleys 80–140 mm \varnothing
 - 1 crossbar, long, for pulleys 135–235 mm \varnothing



HAZET
No.

EAN-No.
4000896+

1789 N-1

158621

2540 Timing belt pulley-counterholder

Made in Germany

- Application: Removing and installing timing belt pulleys on the camshaft, crankshaft and injection pump
- **Counterholder with replaceable pins**
- On VW Lupo · Polo · New Beetle · Golf · Caddy · Bora · Touran · Sharan · Transporter
- AUDI A2 · A3 · A4 · A6 · TT
- ŠKODA Fabia · Octavia · Superb
- Distance between pins: 100 mm and 46 mm
- Opening width 33 mm
- Handle with dip-coating
- Surface: chrome-plated



HAZET
No.

l
mm

EAN-No.
4000896+

2540-1

722

110407

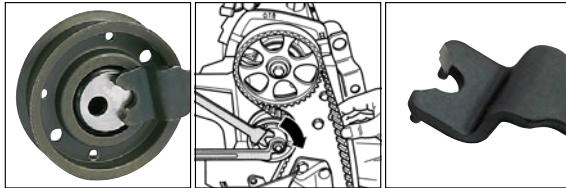


2587 Timing belt double-pin wrench

Made in Germany

• For professional engine repair

- Application: Adjusting the **timing belt** on the tensioner roller
- **AUDI** A3 1.9 TDi · A4 1.6 · 1.6 l diesel
- **SEAT** Toledo 1.6 · 1.8 · 2.0 · 1.8 16V · 2.0 16V
- **VW** Golf 1.9 SDi · TDi · Golf · Jetta · Passat 1.6 l diesel · Passat 1.6 · Passat 2.0 · Polo 1.9 SDi · TDi
- **ŠKODA** 1.6 – 1.9 l diesel
- Offset
- Distance between pins 18 mm, pin \varnothing 2.9 mm

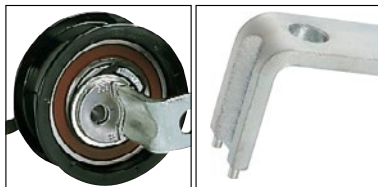


HAZET No.	l mm	EAN-No. 4000896+
2587	140	017140

Made in Germany

• For professional engine repair

- Application: Adjusting the timing belt at the tensioner roller
- **AUDI** A2 1.2 TDi · A3 1.9 TDi · A4 1.9 TDi · A4 2.0 and 2.0 FSi · A4 4-cylinder · A6 2.0
- **SEAT** Alhambra 1.9 TDi · Ibiza 1.9 TDi · León 1.9 TDi
- **VW** Golf 1.9 TDi · Golf Plus 2.0 l (4-cylinder) · Lupo 3-cylinder diesel · Passat 2.0 16V · Passat TDi · Polo 1.4 TDi · Polo 1.9 TDi · Polo 3-cylinder diesel · 4-cylinder pump injector · Sharan 1.9 TDi
- **ŠKODA** Octavia 1.9 TDi
- Distance of pins 18 mm, pin \varnothing 3 mm
- Surface: matt chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
2587-1	250	053476

Made in Germany

• For professional engine repair

- Application: Adjusting the timing belt at the tensioner roller
- **VW** Golf 3 · 4 · 5 · 6 1.9 TDi · 2.0 TDi · petrol engine
- Beetle 2.0 l petrol engine model
- Transporter T5 4-cylinder diesel
- **AUDI** A3,
- **ŠKODA** Octavia
- Distance of pins 18 mm, pin \varnothing 3 mm
- Angled at 15°
- Surface: matt chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
2587-2	258	072439

3087 Tensioner roller operating tool

Made in Germany

• No tensioner roller operation with unsuitable auxiliary equipment, such as screwdrivers, that lead to timing belt damage if they slip.

- Application: Simplified tensioning of the timing belt via the tensioner roller
- **ALFA ROMEO**: 145, 146, 147, 156, 159, 166 · Brera · Giulietta · GT · Mito · Spider
- Engines: 1.6 JTDM · 1.9 JTD · 1.9 JTDM · 2.0 JTD · 2.4 JTD
- **FIAT**: 500L · 500X · Brava · Bravo · Croma · Doblò · Ducato · Freemont · Grande Punto · Idea · Marea · Multipla · Punto · Sedici · Stilo
- Engines: 1.6D · 2.0 D · 1.9 TD · 1.9 JTD · 2.0 JTD · 2.4 TD · 2.4 JTD
- **LANCIA**: Delta · Kappa · Kappa SW · Lybra · Lybra SW · Musa · Thesis
- Engines 1.6 D · 1.9 D · 2.0 D · 1.9 JTD · 2.4 JTD
- **OPEL/VAUXHALL**: Astra H · Astra J · Cascada · Combo · Insignia · Signum · Vectra C · Zafira B
- Engines: 1.9 CDTI · 2.0 CDTI
- **SAAB**: 9-3 · 9-5
- Engines: 1.9 TiD/TTiD · 2.0 TiD · 2.2 TTiD
- **SUZUKI**: SX4 engine 1.9 DDiS
- Ergonomically shaped HAZET 2-component handle
- Surface: galvanised



HAZET No.	EAN-No. 4000896+
3087-1	206759

Product applications

Engine timing tools

→ Service → Tool Finder

→ Engine timing tools

◀ For Smartphones with QR reader (app)

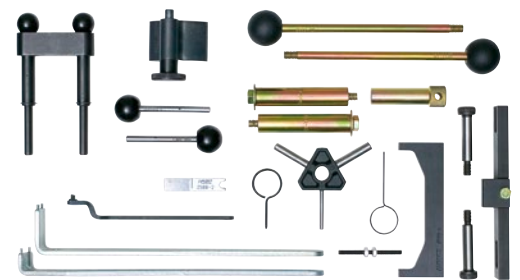
2588 Engine timing tool AUDI · VW · SEAT · ŠKODA

• For professional engine repair

- Application: For timing belt replacement and other engine repairs
- Detailed operating instructions including cross references to original part numbers
- Single parts optionally available
- **Petrol engines:**
1.4 · 1.6 · 1.8 · 1.8 T · 2.0 16V
AUDI 80 · A2 · A3 · S3 · A4 · A6 · TT
SEAT Arosa · Ibiza · Córdoba · León · Toledo · Inca · Alhambra
ŠKODA Fabia · Octavia
VW Lupo · Polo · Caddy · Golf · Bora · New Beetle · Passat · Sharan · Touran
- **Diesel engines:**
pump injector engines 1.2 · 1.4 · 1.9 · 2.0 TDi
AUDI 80 · A2 · A3 · A4 · A6 · Cabriolet
SEAT Ibiza · Córdoba · León · Toledo · Inca · Arosa · Alhambra · Altea
ŠKODA Felicia · Octavia model year 1993 · 2005 · Fabia
VW Lupo · Polo · Caddy · Golf · Bora · New Beetle · Passat · Sharan · Touran · Transporter · 1.7 · 1.9 D / TD / SDi / TDi
- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



1/3			
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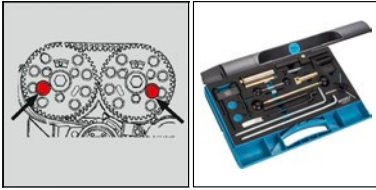


Specialty Tools

Engine – Engine Timing / Timing Belt



2588 Engine timing tool AUDI · VW · SEAT · ŠKODA



HAZET No.	L x W x H mm		EAN-No. 4000896+
2588/19	355x235x65	19	127771
• Camshaft locking tool			
2588-4	-	-	110391
2587	-	-	017140
2587-1	-	-	053476
2587-2	-	-	072439
• Crankshaft fixing device			
• Locking the crankshaft			
• For e.g. VW 1.6 l and 2.0 l common rail diesel engine			
2588-1	-	-	087730
• Locking plate			
• Locking the tensioner roller			
2588-2	-	-	087747
• Locking pin			
• Locking the camshaft sprocket			
• For e.g. VW 1.6 l and 2.0 l common rail diesel engine			
2588-3	-	-	087754
• Setting tool			
2588-9	-	-	137565

• For professional engine repair



- Expansion for assortment 2588/19
- **Petrol engines:** 1.2 6V and 12V 3-cylinder engine, VW Polo and Fox · ŠKODA Fabia · SEAT Ibiza · Córdoba
- **1.4–1.6 FSI engines:** AUDI A3 · ŠKODA Octavia · VW Polo · Golf · Touran · Tiguan · EOS · Passat
- **Diesel engines: VW and VW group vehicles** 4-cylinder engines with pump injector technology model year 2005 →
- Soft foam insert



HAZET No.		EAN-No. 4000896+
2588/9	9	144181
• Fixing bolt		
2588-15	-	144204
• Crankshaft fixing device		
• For 4-cyl. diesel / pump injector engines model year 2005 → and VW 2.0 l common rail diesel engine		
• Crankshaft fixing device		
• Locking the oval crankshaft timing belt pulley e.g. when replacing the timing belt or repairing the engine		
2588-110	-	143283
• TDC position tool – application with dial gauge 2155-65		
3688-10	-	137527

2588 Tool set for timing belt replacement

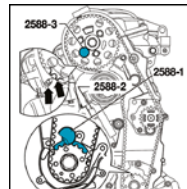
• Made in Germany



• The use of this tool set ensures that all locked components maintain the required position when changing timing belt or when carrying out engine maintenance work

- Application: For timing belt replacement, e.g. on VW pump injector engines
- AUDI A2 · A4 · A3 · A6 · VW Passat · Golf · Bora · Beetle · Sharan · Lupo · Touran · SEAT Alhambra · Arosa · Altea · Toledo · León · ŠKODA Octavia · Fabia · Superb · Roomster · FORD Galaxy

Contents:
crankshaft fixing device 2588-1
locking plate 2588-2
locking pin 2588-3



HAZET No.		EAN-No. 4000896+
2588/3	3	087761
• Crankshaft fixing device		
• Locking the crankshaft		
• For e.g. VW 1.6 l and 2.0 l common rail diesel engine		
2588-1	-	087730
• Locking plate		
• Locking the tensioner roller		
2588-2	-	087747
• Locking pin		
• Locking the camshaft sprocket		
• For e.g. VW 1.6 l and 2.0 l common rail diesel engine		
2588-3	-	087754

2588 Camshaft locking tool

• Made in Germany



• Application: Locking the camshaft sprockets when replacing the timing belt

• Engine repair on 1.4 – 1.6 16 V engines

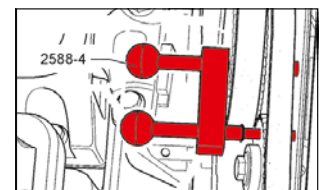
AUDI A2

SEAT Arosa · Ibiza · León · Toledo · Córdoba 1.6 16V · León 1.4 16V

ŠKODA Fabia and Octavia 1.4 16V

VW Bora 1.4 and 1.6 · Caddy 1.4 16V · Caddy · Golf 1.4 and 1.6 ·

Golf · Bora 1.4 16V · Golf · Bora 1.6 16V · Lupo · Lupo · Polo 1.4 16V · Lupo · Polo 1.6 16V · New Beetle 1.4 · Polo · Polo Classic · Variant

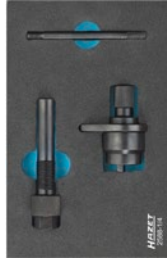


HAZET No.	EAN-No. 4000896+
2588-4	110391



2588 Engine timing tool AUDI · VW · SEAT · SKODA

- Application: Checking and adjusting the engine timing
- Detailed operating instructions including cross references to original part numbers
- Single parts optionally available
- **VW** 1.2 TFSi petrol engines
- **AUDI** A1 · A3
- **SEAT** Altea/XL · Ibiza · León
- **SKODA** Fabia 2 · Octavia 2 · Roomster · Yeti
- **VW** Caddy · Golf · Golf Plus · Jetta · Polo · Touran
- **Engine code:** CBZA · CBZB · CBZC
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistent



1/9			
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HAZET No.	L x W mm		EAN-No. 4000896+
• Engine timing tool set, contents: 2588-20 (1x) · 21 (1x) · 22 (2x)			
2588-1/4	172x114	4	180325

2788 Camshaft adjuster TORX® screwdriver socket with drilled hole

Made in Germany

- Work on camshaft, timing chain or camshaft adjuster



- Application: Screw connection on camshaft adjuster
- **MERCEDES-BENZ:**
C-Class type 203 · 204 · 205 · CLK 209
E-Class type 211 · 212 · E-Class Coupé type 207
SLK type 171 · 172
G-Class type 463 · Sprinter type 906
- Petrol engines:
M133 · 157 · 176 · 177 · 270 · 271 · 271.8 · 271.9 · 272 · 273 · 274 · 276 · 278
- With knurling
- Surface:
- DIN 3124, ISO 2725-1

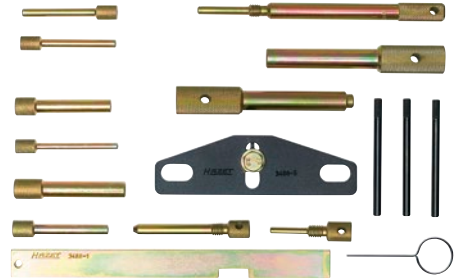


HAZET No.	l ₁ mm	l ₂ mm	mm	EAN-No. 4000896+
2788-T 100 H	60	100	22.15	206650

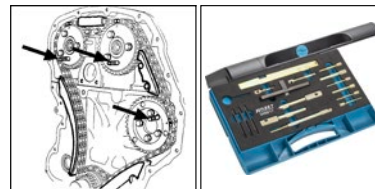


3488 Engine timing tool FORD

- Application: For timing belt replacement and other engine repairs
- Detailed operating instructions including cross references to original part numbers
- **Petrol engines:**
Twin camshaft engines (Zetec / Duratec)
1.25 · 1.4 · 1.6 · 1.7 · 1.8 · 2.0 16V
FORD Fiesta · Escort · Focus · Focus C-Max · Puma · Fusion · Mondeo · Cougar model year 1998 → 2001
- **Diesel engines:**
1.8 D / TD / TDCi / TDDi: 2.0 / 2.4 TDDi · 1.4 / 1.6 TDCi
FORD Fiesta · Escort · Orion · Courier · Focus · Focus C-Max · Mondeo model year 1988 → 2003 · Fusion · Transit
- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistent



1/3			
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HAZET No.	L x W x H mm		EAN-No. 4000896+
3488/17	355x235x65	17	127795
• Flywheel locking tool			
3488-5	–	–	137060

- For timing belt replacement and other engine repairs
- **Supplementary set**
- For **FORD** 1.25–1.4 and 1.6–16V petrol engines: Fiesta · Fusion · Focus · C-Max
1.6 Ti-VCT petrol engines: Focus · C-Max
1.4–1.6 TDCi-Diesel: Fiesta · Fusion · Focus · C-Max
2.0 TDCi-Diesel: Focus · Mondeo · C-Max · S-Max · Galaxy
- Camshaft locking when replacing the timing belt
- Camshaft timing / engine timing / timing chain tensioner
- Soft foam insert



HAZET No.		EAN-No. 4000896+
3488/8	8	155873
• Crankshaft locking tool		
3488-15	–	155910



Spark and Glow Plug

1849 Spark plug socket pliers

Made in Germany

• Especially suitable for hot terminals

- Application: Installing and removing **spark plug sockets**
- Side cutter
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: chrome-plated



HAZET No.	l / mm	EAN-No. 4000896+
1849	195	007080

Made in Germany

• Safe application due to milled jaw profile

- Application: Installing and removing straight **spark plug sockets**
- Especially on **MERCEDES-BENZ**
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: chrome-plated



HAZET No.	l / mm	EAN-No. 4000896+
1849-1	200	128037

Made in Germany

• Long style provides a better safety distance to the hot engine

- Application: Installing and removing straight **spark plug sockets**
- Especially for **low-lying spark plug sockets**, e.g. on **AUDI V6** and **V8 engines** · **JAGUAR 12-cylinder**
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: chrome-plated



HAZET No.	l / mm	EAN-No. 4000896+
1849-2	290	007103

Made in Germany

• Especially suitable for hot terminals

- Application: Installing and removing **spark plug sockets**
- Long style
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: chrome-plated



HAZET No.	l / mm	EAN-No. 4000896+
1849-3	265	055098

1849 Spark plug socket remover

Made in Germany

• Slotted tube for optimal and careful guidance of the cable

- Application: Installing and removing **spark plug sockets** even on hot engines
- For 2.8-2.9 l VR6-engine **VW Golf, Passat, Vento, Corrado, T5 2.0 l, Lupo 4-cyl. engine model year 1999** →, **AUDI A4, A6** with 2.6 and 2.8 l V6 engines



HAZET No.	l / mm	EAN-No. 4000896+
1849-6	253	007110

Made in Germany

• Application also on hot engines

- Application: **Installing and removing spark plug sockets**
- For **VW Golf 4 · 5 · 6–1.6 l · Polo 5–1.2 l** model year 2009 →, **Bora** model year 1999 → and **Touran** model year 2004 → with 1.6 l · 4-cylinder injection engine with roller cam follower, **New Beetle** model year 1999 → with 2.0 l · 4-cylinder injection engine and 2 valve 4-cylinder. injection engine with roller cam follower **AUDI A3** model year 2004 → with 2 valve 4-cylinder injection engine **SEAT · ŠKODA** and **SMART For Two (type 450)**
- Plastic T-handle



HAZET No.	l / mm	EAN-No. 4000896+
1849-9	275	110476

2131 Spark plug brush

Made in Germany

• Special corrugated brass wire bristles

- Application: Cleaning electrodes and contacts on spark plugs
- 3 rows
- Trim size: 15 mm
- Wooden body



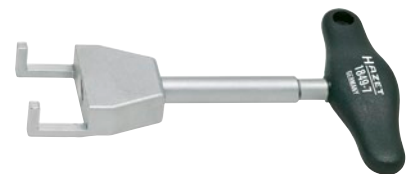
HAZET No.	l / mm	EAN-No. 4000896+
2131	150	012541

1849 Ignition coil remover

Made in Germany

• Application: **Installing and removing ignition coils with final output stage**

- On **VW Polo · Fox 1.2 l · Golf 1.4 · 1.6 l · Golf Plus 1.4 l** model year 2005 → · **Caddy 1.4 l · Bora 1.4 · 1.6 l · Beetle 1.4 l** (petrol engine model year 2003) · **Scirocco 1.4 l** model year 2009 → · **Lupo 4-cylinder direct injection engine model year 1999** → · **Passat B7 1.4 l TSI · Touran 1.6 l · Phaeton · Transporter T4 · ŠKODA Fabia**
- Plastic T-handle
- Surface: chrome-plated



HAZET No.	l / mm	EAN-No. 4000896+
1849-7	135	110353



1849 Ignition coil remover

Made in Germany

• Application: **Installing and removing ignition coils with final output stage**

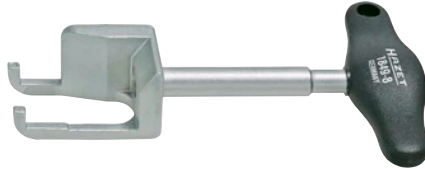
• On **VW** Golf · Bora · Eos 3.2 I model year 2006 → · Passat · Sharan · Touareg 6-cylinder model year 2003 → · Transporter T5 3.2 I 6-cylinder injection engine model year 2004 →

• **AUDI** TT 3.2 I model year 1999 → 2007 ·

A3 3.2 I model year 2004 → · Passat B7 3.6 I FSI

• Plastic T-handle

• Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
1849-8	133	110360

Made in Germany

• Application: **Installation/removal of ignition coils with final output stage**

• **VW** direct injection engines 2.0: Golf model year. 2004 → · Touran model year 2004 → · Passat model year 2006 → · Eos model year 2006 → · Polo model year 2002 → 4-cylinder 5V · Scirocco model year 2009 → 1.8 and 2.0 I · Tiguan model year 2006 → 1.8 and 2.0 I · Phaeton model year 2003 → 8-cylinder Passat B7 1.8–2.0 I TSI

• **AUDI** direct injection engines:

A3 model year 2004 → 2.0 · A4 model year 2002 → 2.0 ·

A5 model year 2008 → 3.2 and 4.2 I · A6 model year 2005 → 3.2 ·

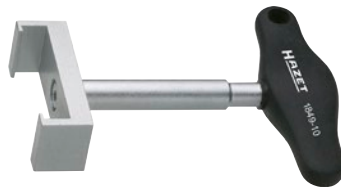
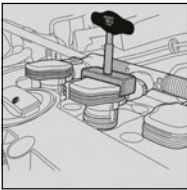
A8 model year 2003 → 3.2–4.2 and 5.2 I,

TT model year 2007 → 1.8 and 2.0 I · R8 model year 2008 → 4.2 I

Q5 model year 2008 → 2.0 and 3.2 I · Q7 model year. 2007 → 3.6 and 4.2 I

• Plastic T-handle

• Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
1849-10	102	132201

1849 Pencil coil extractor

Made in Germany

• **Fast, safe extraction of the pencil coils**

• Application: **Removing the pencil coils** in 1.0 I / 1.0 I TSI / TFSI · 1.2 I TSI · 1.4 I TSI / TFSI · 2.0 I GTI engines

• Vehicle types:

VW Up model year → 2011 · Polo model year → 2012 · Golf

model year → 2013 · Beetle model year → 2014 · Caddy

model year → 2015 · Passat model year → 2014 · Tiguan

model year → 2015 · Touran model year → 2015 · Sharan

model year → 2015

AUDI A1 model year → 2012 · A3 model year → 2013

SEAT Mii model year → 2011 · Ibiza model year → 2013 ·

León model year → 2013

ŠKODA Citigo model year → 2011 · Fabia model year → 2014 · Octavia

model year → 2013

• Plastic T-handle



HAZET No.	l mm	EAN-No. 4000896+
1849-12	156	204342

Overview spark and glow plugs

HAZET No.	mm	"	l mm	□
4760-2 (G)	8	–	142	10 3/8
2530 (G)	10	–	140	10 3/8
4766-2	14	–	64	10 3/8
4766-3	14	–	154	10 3/8
880 A MgT	16	5/8	64	10 3/8
880 A MgT-1	16	5/8	64	10 3/8
880 A KF	16	5/8	64	10 3/8
900 A MgT	16	5/8	71	12 1/2
900 A KF	16	5/8	71	12 1/2
4766	16	5/8	97	10 3/8
4766-1	16	5/8	270	10 3/8
4767 A KF	16	5/8	480	12 1/2
880 MgT-18	18	–	62	10 3/8
880 MgT	20.8	13/16	64	10 3/8
880 KF	20.8	13/16	64	10 3/8
900 Lg-20,8	20.8	13/16	85	12 1/2
900 TZ-20,8	20.8	13/16	85	12 1/2
900 MgT	20.8	13/16	68	12 1/2
900 KF	20.8	13/16	71	12 1/2
2505-2	20.8	13/16	137.5–197.5	10 3/8

(G) = Glow plug

880 MGT Spark plug socket

Made in Germany

• Application: Spark plug changing

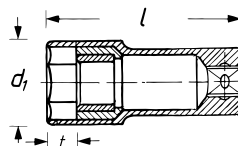
• With permanent magnet

• Long design

• **American dimensions**

• Surface: chrome-plated, polished

• DIN 3124, ISO 2725-1



HAZET No.	S mm	S"	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
880 Mg T	20.8	13/16	64	27.4	22.5	9	040872
880 A Mg T	16	5/8	64	21.6	21.6	9	040247

Made in Germany

• **With permanent magnet**

• Application: For spark plug changing

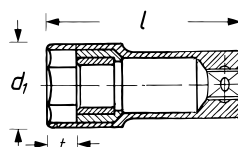
• Outside hexagon 17 mm

• For motorcycles, e.g. **HONDA · YAMAHA · SUZUKI · KAWASAKI** etc.

• Long design

• Surface: chrome-plated, polished

• DIN 3124, ISO 2725-1



HAZET No.	S mm	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
880 Mg T-18	18	62	23.5	22.8	9.6	040889



Specialty Tools

Engine – Spark and Glow Plug

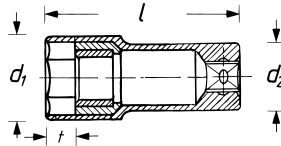


880 AMGT Spark plug socket

Made in Germany

• Outside guide collar 23.6 mm for low-lying spark plugs

- Application: For spark plug changing
- With permanent magnet
- Long design
- **American dimensions**
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



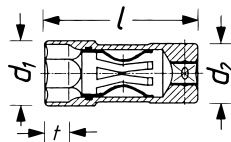
HAZET No.	S mm	S"	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
880 A Mg T-1	16	5/8	64	21.9	21	9	040254

880 KF Spark plug socket

Made in Germany

• The fixing clamp reduces the risk of insulator damage

- Application: Installing and removing spark plugs (s 20.8 mm = 13/16")
- **Fixing clamp** to hold the spark plug
- Long design
- **American dimensions**
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1

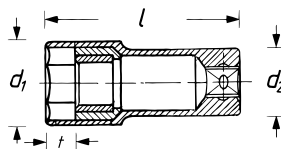


HAZET No.	S mm	S"	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
880 KF	20.8	13/16	64	27.4	25	10	040674
880 A KF	16	5/8	64	21.6	21.6	10	040131

900 MGT Spark plug socket

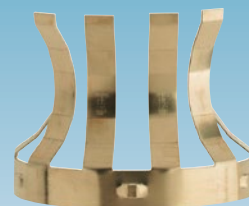
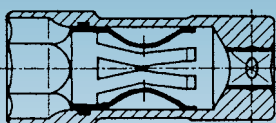
Made in Germany

- For spark plug changing
- Magnetic bit retention
- **American dimensions**
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



HAZET No.	S mm	S"	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
900 Mg T	20.8	13/16	68	27.4	23.5	9	044023
900 A Mg T	16	5/8	71	22.5	22.5	8.5	043491

Fixing clamp information

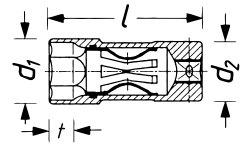


- Stainless and insensitive to heat
- Largest possible clearance of insulator
- 6 spring elements – firm hold of the spark plug
- Damping of transverse motion

900 KF Spark plug socket

Made in Germany

- For spark plug changing
- **Fixing clamp** to hold the spark plug
- The fixing clamp reduces the risk of insulator damage
- **American dimensions**
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



HAZET No.	S mm	S"	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
900 KF	20.8	13/16	71	27.4	25	10	043859
900 A KF	16	5/8	71	22.5	22.5	10	043408

2505 Spark plug wrench

Made in Germany

• Adjustable in length from 137.5 mm to 157.5 and 197.5 mm

- For spark plugs with 20.8 / 13/16" wrench size
- Rubber ply
- **American dimensions**
- Drive with ball race
- Surface: chrome-plated
- DIN 3124, ISO 2725-1



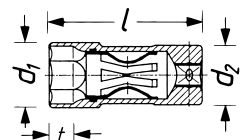
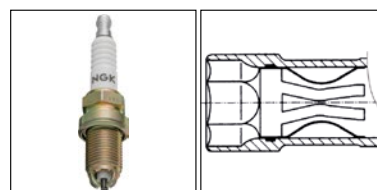
HAZET No.	S mm	S"	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
2505-2	20.8	13/16	197.5	29	16	7	016266

4766 Spark plug wrench

Made in Germany

• Short style

- Application: Installing and removing spark plugs (C-plugs) (s 16 mm = 5/8")
- On e.g. motorcycles, **BMW C1** · **KAWASAKI** · **YAMAHA** · **HONDA** · **SUZUKI** · **DUCATI** · **MERCEDES-BENZ** passenger cars e.g. A-Class (type 168 · 169) · B-Class (type 245) · **SMART** (type 451)
- With fixing clamp for a firm hold of the spark plug
- **American dimensions**
- With hinge – for working in areas with restricted access and for getting around obstructive edges
- Drive with ball race
- Surface: chrome-plated
- DIN 3124, ISO 2725-1



HAZET No.	S mm	S"	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
4766	16	5/8	97	21.4	18	10	049295



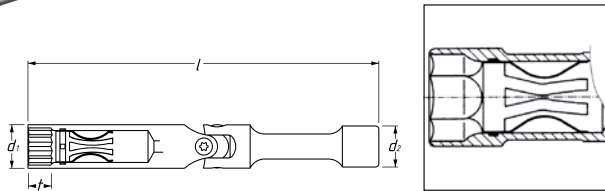
4766 Spark plug wrench

Made in Germany

• With fixing clamp for a firm hold of the spark plugs



- Application: Installing and removing spark plugs (16 mm or 5/8")
- On e.g. VW · AUDI · SEAT · ŠKODA · RENAULT · FIAT · FORD · OPEL / VAUXHALL · BMW · NISSAN · HONDA · MAZDA · MITSUBISHI · KIA · Volvo
- Angular movement $\pm 50^\circ$
- **American dimensions**
- With hinge – for working in areas with restricted access and for getting around obstructive edges
- Drive with ball race
- Surface: chrome-plated
- DIN 3124, ISO 2725-1



HAZET No.	S mm	S"	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
4766-1	16	5/8	270	21.4	18	10	048991

Made in Germany

• 12-point profile enables application of spark plugs with 6-point and 12-point



- Application: Installing and removing spark plugs (s 14 mm)
- Fixing clamp for a firm hold of the spark plug
- On BMW E90 N 54 engine 335 i saloon model year 2006 → 1 Series (F20) 118i · RENAULT Modus · Twingo · Clio · Kangoo with 1.2 l 16 V engine · PEUGEOT 207 · 307 and CITROËN C4 with 1.4 and 1.6 l 16 V engine · C5 with 2.0 l HPi engine · MERCEDES-BENZ engine M 156 · engine M 276 · NISSAN Micra · Note · MINI 1.2–1.4 l 4-cylinder model year 2007 → · FORD 1.0 EcoBoost engine · ALFA 1.8 TBI engine · KIA · PORSCHE 911 GT3 model year 2014 → · 2.9 l · 3 l · 4 l · AUDI 3 l TFSI · VW 3 l TSI
- Drive with ball race
- DIN 3124, ISO 2725-1



HAZET No.	S mm	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
4766-2	14	64	18	17.3	10	087655

Made in Germany

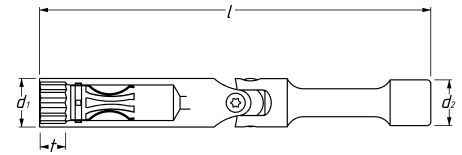
• 12-point profile enables application of 14 mm spark plugs with 6-point and 12-point



- Application: For 14 mm spark plugs e.g. BMW and MERCEDES-BENZ
- Fixing clamp for a firm hold and problem-free positioning and assembly of the spark plug
- Angular movement $\pm 56^\circ$
- With hinge – for working in areas with restricted access and for getting around obstructive edges
- Drive with ball race
- DIN 3124, ISO 2725-1



4766 Spark plug wrench



HAZET No.	S mm	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
4766-3	14	154	19.1	18	10	199976

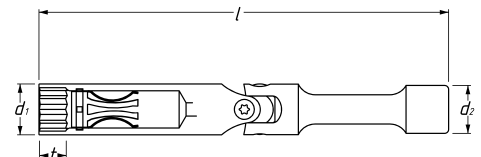
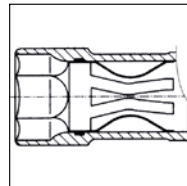
4767 AKF Spark plug wrench

Made in Germany

• Spring in the joint



- Application: Installing and removing spark plugs (s 16 mm = 5/8")
- With fixing clamp for a firm hold of the spark plugs
- Long design
- **American dimensions**
- Drive with ball race
- Surface: chrome-plated
- DIN 3124, ISO 2725-1



HAZET No.	S mm	S"	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
4767 A KF	16	5/8	480	25.5	23	10	049028

2530 Glow plug socket

Made in Germany

• With ball clamping to hold the glow plug



- Application: Installing and removing glow plugs (s 10 mm)
- VW · AUDI direct injection engines TDI and MERCEDES-BENZ CDI · SMART
- Angular movement $\pm 45^\circ$
- With hinge – for working in areas with restricted access and for getting around obstructive edges
- Drive with ball race
- Blister packed
- Surface: chrome-plated
- DIN 3124, ISO 2725-1



HAZET No.	S mm	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
2530	10	140	15	18	9	016341



Specialty Tools

Engine – Spark and Glow Plug



4760 Glow plug wrench

Made in Germany

- With ball clamping to hold the glow plug



- Application: Installing and removing glow plugs (s 8 mm)
- On e.g. **MERCEDES-BENZ · SMART · VW · FIAT and OPEL/VAUXHALL** diesel engines
- Angular movement $\pm 45^\circ$
- **American dimensions**
- With hinge – for working in areas with restricted access and for getting around obstructive edges
- Drive with ball race
- Blister packed
- Surface: chrome-plated
- DIN 3124, ISO 2725-1



HAZET No.	S mm	l mm	d ₁ mm	d ₂ mm	EAN-No. 4000896+
4760-2	8	142	11.8	18	118670

4760 Glow plug socket pliers

Made in Germany

- The pliers' design is specially adapted to the sockets



- Application: Installation and removal of glow plug sockets on diesel engines e.g. **MERCEDES-BENZ, VW, AUDI, SEAT, ŠKODA and BMW**
- Offset design for use on glow plug sockets in areas with restricted access
- **With recess preventing cable damage**
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)



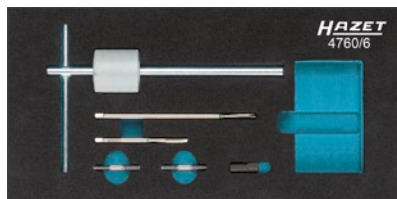
HAZET No.	EAN-No. 4000896+
4760-5	089130

4760 Glow plug removal set

Made in Germany

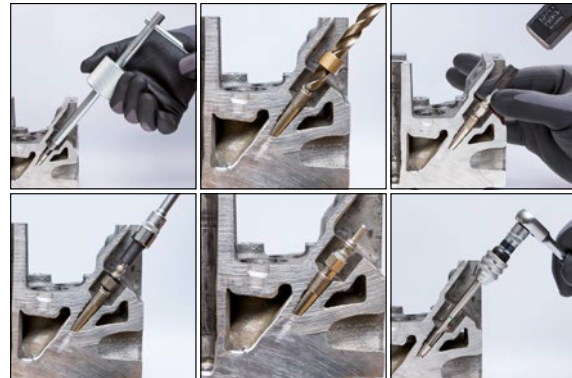
- Knocking out broken glow plugs $\leq 8-10$ mm

- **Allows time-saving repair** without the need to remove the cylinder head
- Damaged threads are **trimmed** or **renewed/reworked** (see also 4760-M 8 bis -M 10)
- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistent



1/3			
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4760 Glow plug removal set



HAZET No.	L x W x H mm	□	EAN-No. 4000896+
4760/6	355x235x65	6	191642

4760 Glow plug repair set

Made in Germany

- Thread repair without having to remove the cylinder head

- To be used together with glow plug removal set 4760/6
- SmartCase (1/9) 165-S
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistent



1/9			
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HAZET No.	L x W x H mm	□	EAN-No. 4000896+
4760-M 8 x 1/9	185x153x52	9	191536
4760-M 10 x 1/9	185x153x52	9	191529

- Ripped out threads M8 x 1 are reworked on M10 x 1
- 1 twist drill 6.8 mm with spacer sleeve
- 1 tap M8 x 1
- 1 tap M10 x 1
- 1 twist drill 9 mm
- 5 threaded inserts M8 x 1

- Ripped out threads M10 x 1 are reworked on M12 x 1
- 1 twist drill 9 mm with spacer sleeve
- 1 tap M10 x 1
- 1 tap M12 x 1
- 1 twist drill 11 mm
- 5 threaded inserts M10 x 1

4760 Disassembly/assembly auxiliary tool

- Prevents the glow and spark plugs from falling down and becoming damaged during disassembly/assembly

- Application: Auxiliary tool for safely securing flow and spark plugs, especially in constricted spaces
- Full rubber design
- Length of 230 mm enables more careful threading and unthreading



HAZET No.	l mm	EAN-No. 4000896+
4760-11	230	222346



Cylinder head

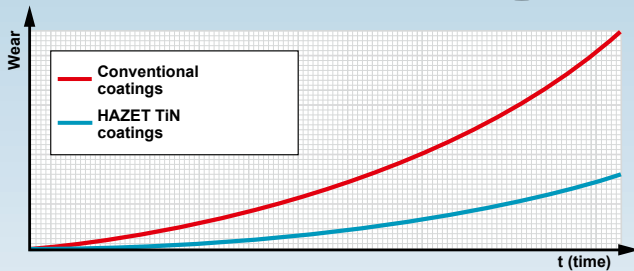
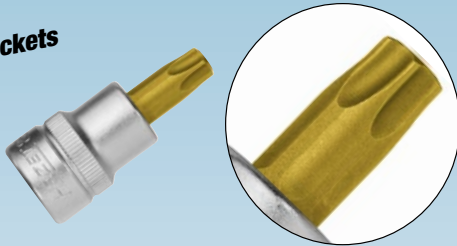
TiN coating

TiN

Why choose TiN (Titanium Nitride) coating?

- A special coating process for extremely hard TiN coating guarantees high adhesive strength and wear resistance of the coating
- Particularly suitable for continuous load, e. g. for industrial applications in industry and trade
- Higher wear protection guarantees a longer lifetime
- Perfect fitting accuracy due to optimum coating thickness
- Higher torque
- Optimized corrosion protection

TiN-coated screwdriver sockets



986 SL Screwdriver socket

Made in Germany

- Extra long design
- With knurling
- Surface:
- DIN 7422, DIN 3124, ISO 2725-1

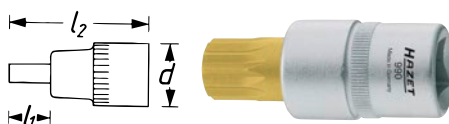


HAZET No.	S mm	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
986 SL- 8	8	102	140	23	232345
986 SL-10	10	102	140	23	232321

990 Screwdriver socket

Made in Germany

- Application: Cylinder head fitting (XZN screws)
- Short design
- With knurling
- Surface:
- DIN 3124, ISO 2725-1



990 Screwdriver socket

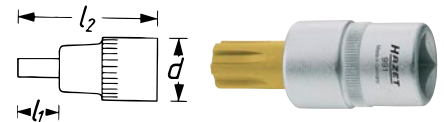


HAZET No.	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
990-10	15	53	23	047253
990 Lg-9	62	100	23	103140
990 Lg-14	62	100	23	065240
990 S Lg-10	82	120	23	047369
990 S Lg-12	102	140	23	047376
2751	100	140	23	017508

991 Screwdriver socket

Made in Germany

- Application: For cylinder head bolts on FIAT 2.0 engines
- Short design
- With knurling
- Surface:
- DIN 3124, ISO 2725-1



HAZET No.	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
991-12	25	63	23	047413

992 LG Screwdriver socket TORX®

Made in Germany

- Application: Cylinder head fitting (for inside TORX® screws T 55)
- Long design
- With knurling
- Surface:
- DIN 3124, ISO 2725-1

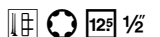


HAZET No.	l ₁ mm	l ₂ mm	d mm	mm	EAN-No. 4000896+
992 S Lg-T 55	102	138	23	11.22	047642
992 Lg-T 55	57	96	23.3	11.22	057337
992 Lg-T 70	67	105	24.6	15.54	047611

2579 Cylinder head screwdriver socket

Made in Germany

- Application: Operating Polydrive cylinder head bolts on VW engine (VW, AUDI, SEAT, ŠKODA) and FORD 1.0 EcoBoost engines
- Extra long design
- With knurling
- DIN 3124, ISO 2725-1



HAZET No.	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
2579-9	130	168	23	086931



Valves / Pistons

794 Piston ring compressor

Made in Germany

- With tensioner adjuster
- Continuous regulation
- High-strength spring band steel
- Safety spring prevents undesired springing open

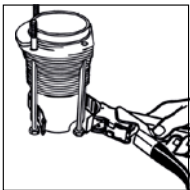


HAZET No.	h mm	∅ mm	EAN-No. 4000896+
794-01	50	40–75	031597
794-1	80	60–125	031610
794-2	80	90–175	031641

794 U Piston ring collet chuck

Made in Germany

- Application: Compression of piston rings on water-cooled and air-cooled engines
- Tightening strap (width 32 mm), releasable
- Surface: chrome-plated



HAZET No.	l mm	h mm	∅ mm	EAN-No. 4000896+
794 U-3	332	32	70–100	031672

790 Piston ring pliers

Made in Germany

- Application: Installing and removing piston rings
- Surface: bright nickel-plated



HAZET No.	l mm	∅ mm	EAN-No. 4000896+
790-1	220	50–100	031412
790-1 a	240	65–110	031429

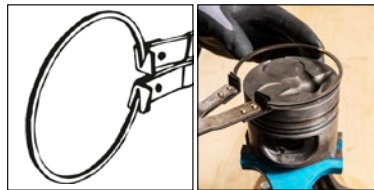
Made in Germany

- Prism holder

- Application: Safe grip of various piston ring types
- Surface: nickel-plated, prism holder burnished



790 Piston ring pliers



HAZET No.	l mm	∅ mm	EAN-No. 4000896+
790-3	220	60–120	031450

795 Valve refacer

Made in Germany

- With suction cup

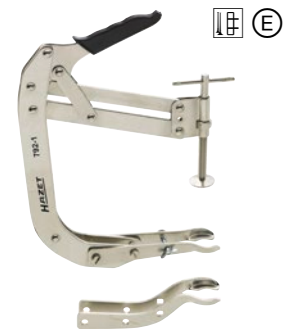


HAZET No.	∅ mm	EAN-No. 4000896+
795-1	20	031771
795-2	25	031788
795-3	30	031795
795-4	37	031801

792 Valve spring compressors

Made in Germany

- Application: Tensioning valve springs
- 1 pair each straight and curved jaws, 792-1 with straight jaws · sb 75-225 with curved jaws · sb 45-195
- Surface: bright nickel-plated



HAZET No.	l mm	EAN-No. 4000896+
792-1	290	031481

791 Valve stem seal ring pliers

Made in Germany

- Hardened jaws, serrated

- Application: Removing valve stem seals on 2-valve engines
- On FORD · OPEL/VAUXHALL · NISSAN etc.
- Surface: nickel-plated, jaws burnished



HAZET No.	l mm	EAN-No. 4000896+
791-5	250	031467



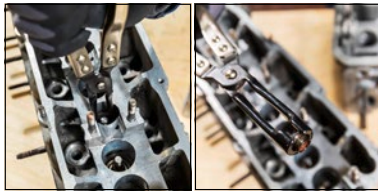
791 Valve stem seal ring pliers

Made in Germany

• Hardened jaws, serrated, dip-coated



- Application: Easy and reliable removing of low-lying valve stem seals (multi-valve engines) due to the extra long jaws
- On e.g. **AUDI · FORD · OPEL/VAUXHALL**
- Straight
- Surface: nickel-plated



HAZET No.	l mm	EAN-No. 4000896+
791-8	270	061068

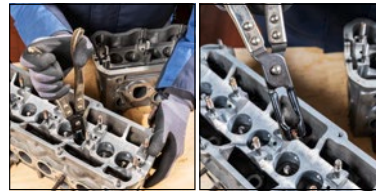
2991 Valve stem seal ring pliers

Made in Germany

• Working area with dip coating for avoiding damage to the valve timing



- Application: **Removing valve stem seals especially on BMW multi-valve engines, OPEL/VAUXHALL, FORD, SEAT, ŠKODA and VW/AUDI**
- Hardened jaws, longitudinally toothed



HAZET No.	l mm	EAN-No. 4000896+
2991	250	018352

Fuel System / Fuel Injection

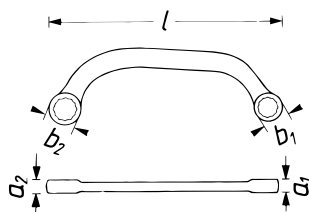
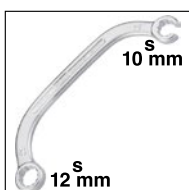
615 S Double box-end wrench

Made in Germany

• Working on built-in components possible



- Application: Safe operation of control bar screw connection (loosening, adjusting, tightening) when removing or installing the pressurized can with position sensor for boost pressure plate on the turbocharger
- Bent double box-end wrench (12-point), slotted on sides (s 10 mm)
- Can be used in combination with HAZET socket 2561-10
- For 2.0 l common rail engines (4-cylinder diesel engines)
- **VW** Golf model year 2009 → · Golf Plus model year 2009 → · Eos model year 2006 → · Jetta model year 2006 → · Passat model year 2006 → · Passat CC model year 2009 → · Beetle model year 2011 → · Scirocco model year 2009 → · Tiguan model year 2008 → · Transporter model year 2010 →
- **AUDI** A3 model year 2004 → TT model year 2008 → 2014
- **SEAT** Altea model year 2006 → · León model year 2006 → 2012 · Toledo model year 2006 → 2009
- **ŠKODA** Octavia model year 2006 → 2013 · Superb model year 2009 → 2015 · Yeti model year 2009 →



HAZET No.	l mm	a ₁ mm	a ₂ mm	b ₁ mm	b ₂ mm	EAN-No. 4000896+
615-S 10x12	147	7.5	7.5	18	20	203505

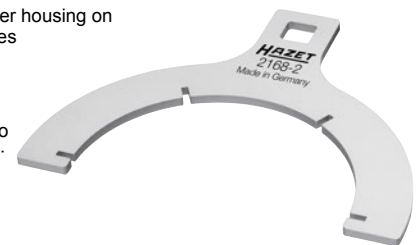
2168-2 Fuel filter releasing tool

Made in Germany

• Can be used easily even in areas with restricted access



- Application: Operation of fuel filter housing on **FORD** Duratorq 2.2 TDCI engines
- Length: 130 mm
- Outside Ø: 160 mm
- **FORD** Transit Custom model year 04/2012 → · Tourneo Custom model year 04/2012 → · Transit model year 08/2013 →



HAZET No.	Ø mm	EAN-No. 4000896+
2168-2	160	226870

2561 Turbocharger socket · 12-point

Made in Germany

• Working on built-in components possible



- Application: Safe operation of control bar screw connection (loosening, adjusting, tightening) when removing or installing the pressurized can with position sensor for boost pressure plate on the turbocharger
- Socket (12-point), slotted on sides
- Can be used in combination with HAZET double box-end wrench 615-S 10x12
- For 2.0 l common rail engines (4-cylinder diesel engines)
- **VW** Golf model year 2009 → · Golf Plus model year 2009 → · Eos model year 2006 → · Jetta model year 2006 → · Passat model year 2006 → · Passat CC model year 2009 → · Beetle model year 2011 → · Scirocco model year 2009 → · Tiguan model year 2008 → · Transporter model year 2010 →
- **AUDI** A3 model year 2004 → TT model year 2008 → 2014
- **SEAT** Altea model year 2006 → · León model year 2006 → 2012 · Toledo model year 2006 → 2009
- **ŠKODA** Octavia model year 2006 → 2013 · Superb model year 2009 → 2015 · Yeti model year 2009 →
- DIN 3124, ISO 2725-1



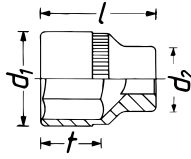


Specialty Tools

Engine – Fuel System / Fuel Injection

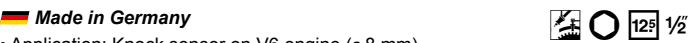


2561 Turbocharger socket · 12-point

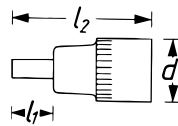


HAZET No.	S mm	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
2561-10	10	57	15	15	40	203512

2527-8 Ball-head screwdriver socket



- Application: Knock sensor on V6 engine (s 8 mm)
- Extra long design
- With ball-head
- With knurling
- DIN 3124, ISO 2725-1



HAZET No.	S mm	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
2527-8	8	200	238	23	016310

4550 Injection line wrench



- Open 12-point socket
- Application: Operating screwed connections on injection lines
- Surface: chrome-plated
- DIN 3124, ISO 2725-1



HAZET No.	S mm	l mm	d ₁ mm	d ₂ mm	EAN-No. 4000896+
4550-5	14	119	27	22.9	149582
4550	17	115	–	–	021680
4550-1	17	120	–	–	021697
4550-2	19	119	–	–	021734

- FIAT · CITROËN · PEUGEOT · RENAULT and IVECO models with Common Rail engines
- Injection line screw connection e.g. on BMW · MERCEDES-BENZ · VW
- Operation of the exhaust temperature sensor on VAG diesel engines from Euronorm 6

- Long design
- Drive 12.5 = 1/2"

- For BMW diesel and OPEL/VAUXHALL 2.5 TD-engines
- Drive 10 = 3/8"

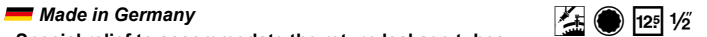
- MERCEDES-BENZ 100 · 130 · 314 · 360 · 360h · 352A · 346/355 · 401 · 402 · 403 · 407h · 615 · 616 · 617
- Long style
- Drive 12.5 = 1/2"

- MERCEDES-BENZ M 352 · A · 346/355 · A · 401 · 402/422 · LA · 403 · 407h, as well as for the dipstick guide tube on M 314
- Long style
- Drive 12.5 = 1/2"

- MERCEDES-BENZ M 352 · A · 346/355 · A · 401 · 402/422 · LA · 403 · 407h, as well as for the dipstick guide tube on M 314
- Long style
- Drive 12.5 = 1/2"

- MERCEDES-BENZ M 352 · A · 346/355 · A · 401 · 402/422 · LA · 403 · 407h, as well as for the dipstick guide tube on M 314
- Long style
- Drive 12.5 = 1/2"

4555 Injection nozzle socket

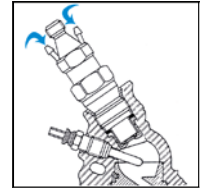


- Special relief to accommodate the return leakage tubes

- Application: For injection nozzles (s 27 mm) on diesel engines

- VW, AUDI, MERCEDES-BENZ, OPEL/VAUXHALL, FORD, PEUGEOT, Volvo, TOYOTA, MAZDA, NISSAN, MITSUBISHI, DAIHATSU

- Long design
- With knurling
- Surface: chrome-plated
- DIN 3124, ISO 2725-1



HAZET No.	S mm	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
4555 N	27	85	37.1	29.8	27.5	021840



- Application: Injection nozzles (s 27 mm) on BMW Diesel

- M21 = E30 = 324TD · E28 = 524TD · E34 = 524TD

- M51 = E36 = 325TD · E34 = 525TDS, FORD Diesel LINCOLN Continental (USA), LINCOLN Mark 7 · VIILSC

- Long design
- With knurling
- Surface: chrome-plated
- DIN 3124, ISO 2725-1



HAZET No.	S mm	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
4555-1	27	85	37.1	29.8	27.5	021802

4556 Pressure valve holder tool



- Application: Installing and removing the pressure valve holder on the MRSF-ERE injection pump

- Socket with internal serration
- For MERCEDES-BENZ diesel passenger cars, transport vehicles 601, 602, 603, 605, 606, 615, 616, 617

- 33 teeth
- Long design
- With knurling
- Surface: chrome-plated
- DIN 3124, ISO 2725-1



HAZET No.	S mm	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
4556	17.9x20	55.5	24	23	15.5	021864

4560 Injection line wrench



- Application: Installing and removing the injection lines (s 17 mm)

- On e.g. VW, AUDI diesel engines: 1.6 l 4-cylinder, 2.0 l 5-cylinder, 2.4 l 6-cylinder

- Also suitable for the operation of the exhaust temperature sensor on VAG diesel engines (VW, AUDI, SEAT and ŠKODA) up to Euronorm 5
- Surface: chrome-plated



HAZET No.	S mm	l mm	EAN-No. 4000896+
4560	17x17	221	021918



4561 Injection pump wrench

Made in Germany

- Application: Operating **fastening screws** (s 13 mm) at the **injection pump**, when replacing the toothed belt or adjusting the injection start
- One-sided box-end wrench
- On 1.6 l 4-cylinder diesel engine **AUDI, VW** Golf, Jetta, Caddy, Passat, **CITROËN**
- Surface: chrome-plated



HAZET No.	S mm	l mm	EAN-No. 4000896+
4561	13	165	021925

4561 Turbo charger wrench

Made in Germany

- **One-sided box-end wrench for operating the fitting**
- Problem: Very special screw connection that is not within reach of normal tools. **Solution:** This special curved box-end wrench allows the operation of the lower screw connection of particulate filters on turbo chargers
- For: **AUDI** A4 (B5 · B6 · B7 · B8) · A6 (C5 · C6 · C8) **VW** Passat (3B · 3BG · B6) with 1.9 l and 2.0 l pump injector engine and particulate filter
- Also for holding the screw connections at the y-pipe on **VW/AUDI** s 12 mm
- Surface: chrome-plated



HAZET No.	S mm	l mm	EAN-No. 4000896+
4561-12	12	165	190485

4501 Fuel line pliers

Made in Germany

- **Simple operation of quick-release catches**
- Application: For use when replacing the fuel filter or performing repair work on the engine
- For e.g. **MERCEDES-BENZ · VW-AUDI · FIAT · OPEL/VAUXHALL · CITROËN**
- **Volvo** D13 · D16 · **MAN** D3876 LF · D1556 LF · D2676 LF and **SCANIA** engines
- **CLAAS** agricultural machinery with MAN engine
- AdBlue lines and AdBlue injection nozzle
- Straight design
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)

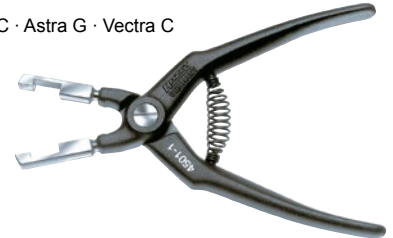


HAZET No.	l mm	EAN-No. 4000896+
4501-2	235	203499

4501 Fuel line pliers

Made in Germany

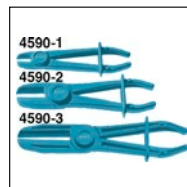
- Application: Operation of the **quick-release covers with light pressure on the fuel line as well as tank aeration**
- On **FIAT/ALFA/LANCIA** vehicles with 1.3 l – 1.9 l – 2.4 l diesel, **CHRYSLER · RENAULT OPEL/VAUXHALL** (diesel): Vectra C/Signum 1.9 l diesel · Astra H 1.3 l and 1.9 l · Corsa C / Combo / Meriva 1.3 l
- **OPEL/VAUXHALL** (petrol): Corsa C · Astra G · Vectra C
- Plastic handle



HAZET No.	l mm	EAN-No. 4000896+
4501-1	155	058624

4590 Flexible hose clamp

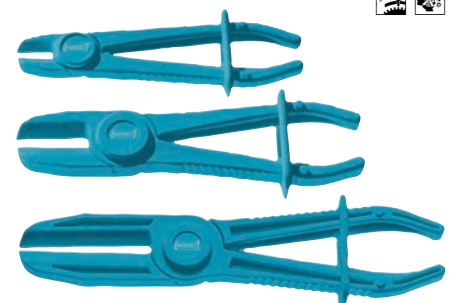
- **Clamping flexible hoses**
- Firm fixation with clamp ring
- Made of high-quality plastic



HAZET No.	l mm	EAN-No. 4000896+
4590-1	150	021932
4590-2	180	021949
4590-3	253	055753

4590 Flexible hose clamp set

- **Clamping flexible hoses**



HAZET No.	l mm	EAN-No. 4000896+
4590/3	3	058266



4591 Pipe stopper set

- Sealing of pipes and preventing fluids from escaping
- Application: Sealing pipelines in brake systems, air conditioning systems, power steering and fuel systems that cannot be secured with a flexible hose clamp
- Sealing in sizes of 6.3 mm (¼") · 8 mm (⅜") · 10 mm (⅝") and for double sealing (e.g. banjo connections) in sizes of 10 mm (⅝")

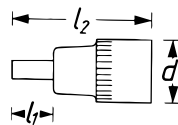


HAZET No.	EAN-No. 4000896+
4591/4	219650

2584-1 Intake pipe screwdriver socket

Made in Germany

- Application: Intake manifold screw connection
- Extra long design
- With knurling
- DIN 3124, ISO 2725-1



HAZET No.	S mm	l ₁ mm	l ₂ mm	EAN-No. 4000896+
2584-1	6	210	248	017058

4797 Injector extractor

Made in Germany

- Application: For disassembly of tight common rail injectors **without** removing the cylinder head



4797-1



4797-2



4797-3



4797-9

4797 Injector extractor



HAZET No.	l mm		EAN-No. 4000896+
<ul style="list-style-type: none"> • For e.g. MERCEDES-BENZ CDI engines 611 · 612 · 613 etc. • Especially suitable for the limited spaces due to the cylinder head cover 			
4797/2	460	2	121205
<ul style="list-style-type: none"> • Impact extractor • M 16 x 1.5 • Striking weight: 1.8 kg 			
4797-1	460	–	121175
<ul style="list-style-type: none"> • Injector claw • M 16 x 1.5 			
4797-2	130	–	121182
<ul style="list-style-type: none"> • External adapter with inside thread M16 x 1.5 on M27 x 1 • Removal of Bosch injectors with outside thread M27 x 1 • In conjunction with impact extractor 4797-1 • Operating mode: The External Adapter must be used when the injector claw cannot be used, either because of the vehicle type or because of the lack of space. Note: after removing the injector with the external adapter, replace the injector 			
4797-3	50	–	121199
<ul style="list-style-type: none"> • Piezo injector claw • Removal of Piezo injectors on MERCEDES-BENZ engines OM 651 • The design of the injector claw, tuned to the injector, ensures optimal reception of the injector during operation • MERCEDES-BENZ: A-class type 176 · B-class type 246 · C-class type 204, 205 E-class type 212 · S-class type 221, 222 · V-class type 639, 447 CLA type 117 · GLA type X156 · GLK type X204 CLS type 218 · ML type 166 · SLK/SLC type 172 · GLC type X253 • Operation with the HAZET impact extractor 4797-1 • Inside thread: M16 x 1.5 mm 			
4797-9	54.5	–	206667

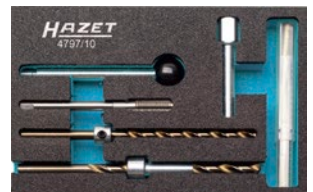
4797 Thread repair tool set for injector fastening screw

Made in Germany

- For **MERCEDES-BENZ** CDI engines. Suitable for reaming the broken-off expansion bolt M6 x 1 from the cylinder head **without** removing the valve cover
- Enormous money and time saving as the replacement of cylinder head and the removing of injectors and valve covers is not necessary
- Damaged thread is reworked to M 8 x 1

Contents:

- 1 twist drill 6 mm with spacer sleeve
- 1 tap M 8 x 1
- 1 drill sleeve
- 1 twist drill 7 mm with spacer sleeve and guide tube
- 1 knob for screwing
- 5 threaded inserts M 6 x 1
- SmartCase (1/9) 165-S
- Safety-Insert-System, 2-component soft foam insert.
- Insert also suitable for HAZET Assistent





1/9			
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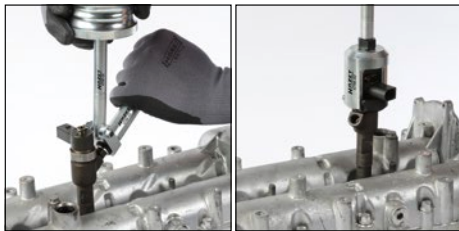


HAZET No.	L x W x H mm		EAN-No. 4000896+
4797/10	185x153x52	10	191505
<ul style="list-style-type: none"> • Threaded inserts · 5 pieces M 6 x 1 for 4797/10 			
4797-M 6x1/5	–	5	192441





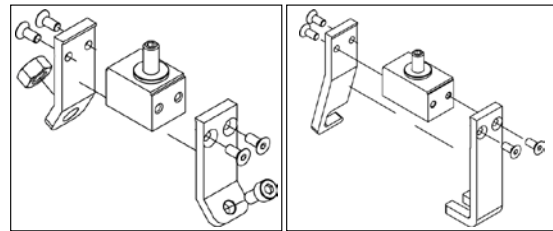
4798 Universal injector extraction tool set

- Enables the removal of the injectors without removing the electrical connector or injector head  
- **Advantage:** without any previous injector defect, reinstallation is possible without recalibration
- Application: Removal of diesel injectors on the brands Bosch, Delphi, Siemens, Denso using a sliding hammer
- Universal set
- Contents for the removal depending on the design and spatial conditions:
 - 1 set of special pliers for a secure grip in the clamping jaw receptacle on the injector
 - 2 handles with joint adapter for pulling and twisting the injector at the same time. Handles can either be attached on the inside or outside thread of the supply connection
 - 1 Bosch special adapter for a secure encompassing grip of the injectors and ensures a consistent transfer of power
- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistent



4798 Universal injector tool set, Denso

- Enables the removal of the injectors without removing the electrical connector or injector head  
- Application: For Denso injectors: 23670 → 30080 · MB416600 → MB40A · 5870 → 13H50B · 11L 12182 · 23670 → 26011 · 23670 → 0R050 · 10J 06798
- Installed on e.g. **TOYOTA · NISSAN · MAZDA · OPEL/VAUXHALL · LEXUS**
- The extractor system securely grips the supply and overflow oil line connection
- Including 5 injector adapters and sliding hammer
- Easy removal of the injectors is possible using a sliding hammer
- Quick assignment of the arm pairs thanks to the instructions provided
- Plastic box
- 2-component soft foam insert



HAZET No.	L x W x H mm		EAN-No. 4000896+
4798-6/8	355x235x65	8	210763

HAZET No.		EAN-No. 4000896+
4798-7/14	14	210756





4798 Injector socket Siemens s 25 mm

• Fitting accuracy suited to the electrical unit of the injector



- Application: Disassembling the electrical plug on Siemens injectors
- Together with e.g. HAZET 4798-5/25 and 916 HP



HAZET No.	S mm	EAN-No. 4000896+
4798-15	25	210640

4798 Injector socket Siemens s 27 mm

• Fitting accuracy suited to the electrical unit of the injector



- Application: Disassembling the electrical plug on Siemens injectors
- Together with e.g. HAZET 4798-5/25 and 916 HP



HAZET No.	S mm	EAN-No. 4000896+
4798-16	27	210657

4798 Injector socket Bosch s 28 mm

• Fitting accuracy suited to the electrical unit of the injector



- Application: Disassembling the electrical plug on Bosch injectors
- Together with e.g. HAZET 4798-5/25 and 916 HP



HAZET No.	S mm	EAN-No. 4000896+
4798-17	28	210664



4798 Injector socket Bosch s 29 mm

• Fitting accuracy suited to the electrical unit of the injector



- Application: Disassembling the electrical plug on Bosch injectors
- Together with e.g. HAZET 4798-5/25 and 916 HP



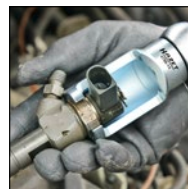
HAZET No.	S mm	EAN-No. 4000896+
4798-13	29	210527

4798 Injector socket Bosch s 30 mm

• Fitting accuracy suited to the electrical unit of the injector



- Application: Disassembling the electrical plug on Bosch injectors
- Together with e.g. HAZET 4798-5/25 and 916 HP



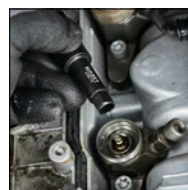
HAZET No.	S mm	EAN-No. 4000896+
4798-14	30	210633

4798 Special screwdriver socket for solenoid valve screw connection

• The borehole in the wrench profile enables access to the ring nut



- Application: Disassembling the solenoid valve screw connection on Bosch injectors
- Outside hexagon drive ≤ 19 mm
- Together with e.g. HAZET 4798-5/25 and 916 HP



HAZET No.	S mm	EAN-No. 4000896+
4798-18	10	210695

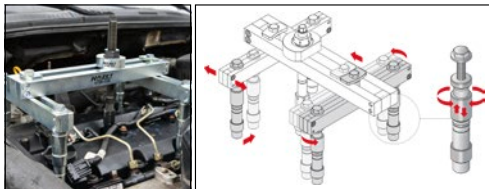


4798 Universal injector removal tool set - mechanical with Bosch adapter

• Huge amount of time saving since neither cylinder head nor engine have to be removed



- Application: Disassembly of very tight injectors
- Simplified operation of injectors that can only be extracted with a great amount of force due to severe coking or rust
- Heavy duty supporting bridge can be individually adapted to the space available and supporting options on the cylinder head
- Feed shaft M 18 and thrust bearing ensure high tractive power
- Delivery includes connection adapter for Bosch solenoid valve injectors
- Removal of Siemens, Denso and Delphi injectors using the optionally available accessories
- Optionally extendable with hydraulic cylinder, e.g. HAZET No. 4798-9/6 or 4798-20
- Plastic box
- 2-component soft foam insert



HAZET No.	L x W x H mm	□	EAN-No. 4000896+
4798-5/25	490x410x120	25	210688

4798 Injector adapter set, RENAULT

• Creates a straight contact surface for injector tools to perform an optimal injectors disassembly procedure



- Application: For RENAULT 2.0 dCi M9R engines with piezo injectors
- Expansion set with special supporting crossbars and feed shaft
- Use with HAZET 4798-5/25



HAZET No.	□	EAN-No. 4000896+
4798-12/13	13	210701

4798 Adapter plate, RENAULT

• Lateral mounting of the plate on the engine creates a straight contact surface for HAZET 4798-5/25



- Application: For RENAULT · OPEL/VAUXHALL · NISSAN 2.2 → 2.5 dCi / engine code G9T, G9U



HAZET No.	EAN-No. 4000896+
4798-22	210510

4798 Injector adapter set, Siemens

• Enables partial disassembly of the injector and therefore direct connection with a feed shaft



- Application: Disassembly of Siemens injectors M25x1 and M14x1
- Use with HAZET 4798-5/25



HAZET No.	□	EAN-No. 4000896+
4798-21/2	2	210770

4798 Injector adapter set, Denso

• Enables partial disassembly of the injector and therefore direct connection with a feed shaft



- Application: Disassembly of Denso injectors M25x0.75 and M25x0.5
- Use with HAZET 4798-5/25



HAZET No.	□	EAN-No. 4000896+
4798-10/3	3	210725



4798 Mechanical hydraulic cylinder 12 tonnes

• Cost-effective, since no hydraulic pump is required



- Very low installation height of just 45 mm
- Spindle nuts M 10 · M 12 · M 14 · M 16 · M 18 included in set
- Anti-slip handle
- Aluminium cylinder with low weight
- Stroke: 8 mm
- Shear pin on the spindle drive protects against overload
- Use with universal injector removal tool set HAZET 4798-5/25.
- Operation with combination wrench, e.g. HAZET 600 N-19
- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



HAZET No.	L x W x H mm	■	EAN-No. 4000896+
4798-9/6	355x235x65	9	210732

4798 Injector removal tool MERCEDES-BENZ · Bosch / Delphi

• Huge amount of time saving since the engine does not have to be removed to disassemble the injectors



- Application: The 12 tonne hydraulic cylinder enables simplified operation of very tight injectors
- For MERCEDES-BENZ 2.1 I · 2.2 I · 3.0 I V6 (CDI 2.1 I · 2.2 I Delphi · CDI 3.0 I V6 Bosch) · Vito · CLK · Sprinter · Viano · Vario as well as M · GL · C · GLK · E · CLS · S · R · G-Class · CHRYSLER 3.0 I V6
- Operation of hydraulic cylinders using e.g. HAZET 600 N-19
- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



HAZET No.	L x W x H mm	■	EAN-No. 4000896+
4798-8/8	355x235x65	8	210749

4798 Hydraulic cylinder 20 tonnes

- Application: For very tight injectors
- Working pressure: 700 bar
- Weight: 3.04 kg
- Stroke: 8 mm
- Dimensions: 100 x 60 mm
- Use with hydraulic foot pump, e.g. HAZET 4932N-100 and HAZET 4798-5/25



HAZET No.	EAN-No. 4000896+
4798-20	210718



Cooling System / Hose Connection

798 Hose clamp pliers

Made in Germany

- Application: Simple hose clamps, e.g. on washing machines
- **Rotating jaws** – for areas with restricted access
- Surface: chrome-plated



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798	206	40	031832

Made in Germany

- **Locking device, adjustable jaw opening**

- Application: Simple hose clamps
- **Rotating jaws** – for areas with restricted access
- Surface: chrome-plated



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-1	285	45	031900

798 Clic hose clamp pliers

Made in Germany

- Application: Reusable CLIC type hose clips on fuel lines
- On e.g. **VW · AUDI · OPEL/VAUXHALL · PEUGEOT and ALFA**
- Open and close easily by turning the pliers by 180°
- Fixed jaws, bent 90°

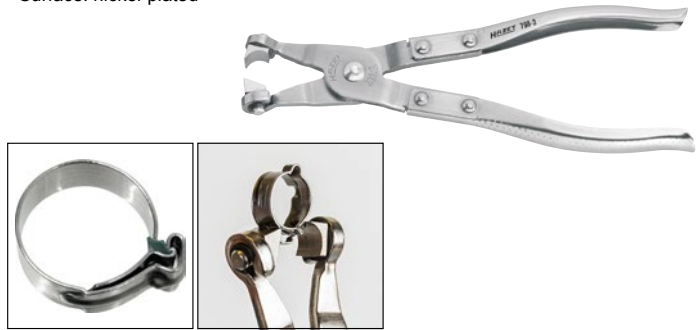


HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-2	175	20	051397

798 Hose clamp pliers

Made in Germany

- Application: Operating reusable **CLIC** hose clips
- **AUDI · VW · OPEL/VAUXHALL · PEUGEOT · SMART and MERCEDES-BENZ**
- Open and close easily by turning the pliers by 180°
- **Rotating jaws** – for areas with restricted access
- Surface: nickel-plated



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-3	206	35	102433

Made in Germany

- Application: Self-gripping spring band hose clamps
- **Rotating jaws** – for areas with restricted access



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-4	205	35	031948

Made in Germany

- Application: For **spring band hose clamps**, e.g. on **VW, AUDI and OPEL/VAUXHALL**
- **Rotating jaws** – for areas with restricted access



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-5	210	6-40	031955

798 Hose clamp pliers

Made in Germany

- Application: For **spring band hose clamps 12 and 15 mm width**, 13 – 22 mm Ø
- **Rotating safety jaws**





Specialty Tools

Engine – Cooling System / Hose Connection



798 Hose clamp pliers



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-6	235	39	031962

Made in Germany



• Self-adjusting joint allows easy working even on spring band hose clamps with large diameter

• Application: For self-gripping spring band hose clamps, 12 and 15 mm width

- With locking device
- Self-adjusting joint
- Rotating safety jaws
- Handles with dip coating



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-8	290	45	076697

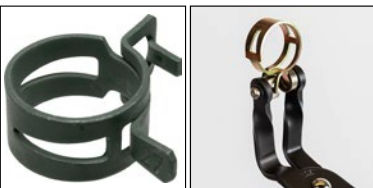
Made in Germany



• With locking device

• Application: Especially for spring band hose clamps 12 and 15 mm width e.g. cooling and heating system

- Rotating jaws, bent 110° – for areas with restricted access
- Handles with dip coating



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-9	250	60	072163

798 Hose clamp pliers

Made in Germany



• With locking device

• Application: For spring band hose clamps – especially for 12 mm and 15 mm spring band hose clamps

e.g. on OPEL/VAUXHALL, VW, FORD, RENAULT, FIAT, PEUGEOT, CITROËN, PORSCHE, ALFA-ROMEO, MERCEDES-BENZ, SMART

- Adjustable jaw opening
- Fixed jaws



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-10	320	90	031917

Made in Germany



• With locking device

• Application: Self-gripping spring band hose clamps

- Adjustable jaw opening
- Handles with dip coating



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-12	320	80	031931

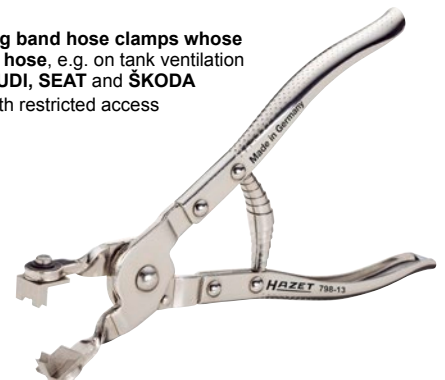
Made in Germany



• For use in areas with restricted access where the clamp cannot be reached straight forwardly

• Application: Operating spring band hose clamps whose three ends fit tightly on the hose, e.g. on tank ventilation lines and fuel lines on VW, AUDI, SEAT and ŠKODA

- Rotating jaws – for areas with restricted access



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-13	192	27	155248



798 Hose clamp pliers

Made in Germany

- Application: Operation of spring band hose clamps whose three ends fit tightly on the hose
- For e.g. on fuel lines and tank ventilation lines on **VW · AUDI · SEAT · ŠKODA**
- Surface: nickel-plated



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-14	177	8–20	109128

Made in Germany

- **Bowden cable (610 mm) enables application in areas with restricted access where the application of usual hose clamp pliers is not possible**



- Application: Operation of self-gripping spring band and space-saving hose clamps *sb* 7–60 mm \varnothing , e.g. on the cooling and heating systems
- **One-hand operation thanks to automatic toothed fixing device**
- Sliding guide device with integrated tension spring and adjustable reversible plate
- Handles with dip coating



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-15 A	875	7–60	097258

- **Bowden cable · complete**
Bowden cable · coating · 2 headless screws · spring **for 798-15 A**
- 798-0151 A – – 097753
- **Bowden cable for 798-15 A and B**
- 798-0152 A – – 097760
- **Sliding guide device for 798-15 A and B**
- 798-0153 A – – 097784

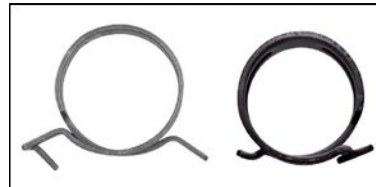
798 Hose clamp pliers

Made in Germany

- **Particularly suitable for areas with severely restricted access where the direct application of usual pliers is not possible**



- Application: Operating self-gripping spring band and space-saving hose clamps on the cooling and heating system
- **Plastic-coated, semi-flexible Bowden cable**
- The Bowden cable enables working without a guiding hand
- Sliding guide device with integrated tension spring and adjustable reversible plate
- **One-hand operation thanks to automatic toothed fixing device**
- Handles with dip coating



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-15 B	875	7–60	117727
• Flexible hose for 798-15 B	–	–	142439
• Bowden cable for 798-15 A and B	–	–	097760
• Sliding guide device for 798-15 A and B	–	–	097784

Made in Germany

- **Reinforced bowden cable and sliding guide device**



- Application: **Special clamp with parallel clamp ends**, e.g. at the charge-air cooler connection on **VW Passat** or **T5**
- Bowden cable enables application in areas with restricted access
- Toothed fixing device and one-hand operation
- Fixing device is released by pressure lever
- Handles with dip coating



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-16	875	3–50	149032
• Bowden cable for 798-16	–	–	149056
• Sliding guide device for 798-16	–	–	149063



Specialty Tools

Engine – Cooling System / Hose Connection



798 Hose clamp pliers

Made in Germany

- Application: Operation of self-gripping **space-saving hose clamps** on coolant and fuel hoses in the entire vehicle area, in particular on **VW, AUDI, SEAT, ŠKODA**
- **Rotating jaws** – for areas with restricted access



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-17	210	40	186068

798 Hose clamp pliers set

Made in Germany

- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



1/3				
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HAZET No.	L x W mm	l mm		EAN-No. 4000896+
798				
798-3 • 798-13 • 798-17				
163-425/3	342x172	342	3	202614

4562 Operating tool Henn clamps

Made in Germany

- **Handle shift of 90°** enables operation even on Henn clamps that are difficult to access



- Application: Proper operation of Henn clamps on cooling water and charging air hoses



4562-2

4562-2

4562 Operating tool Henn clamps

HAZET No.	l mm	EAN-No. 4000896+
• Henn clamps with 2 operating openings on the stop spring		
• Width: 20 mm (in the functional range)		
4562-1	100	222353
• Henn clamps with 1 operating opening on the stop spring		
• Width: 20 mm (in the functional range)		
4562-2	99	235476

4801 Vacuum radiator filler

Made in Germany

- Suitable in conjunction with the single and universal adapters from HAZET radiator tester program 4800 or with an appropriate rubber cone of the set 4801-2/3



- Application: Vacuum leakage test before refilling the cooling system
- Bubble-free refilling
- Easy application due to quick-release coupling
- Time-saving, no additional bleeding necessary
- Application possible on almost all types of vehicles
- Including application note



HAZET No.	EAN-No. 4000896+
4801-1	148806

4801 Cone set for radiator / expansion tank

Made in Germany

- **Universal set suitable for radiator / expansion tank**



- Application in conjunction with vacuum radiator filler HAZET 4801-1
 - Due to the vacuum generated in the cooling system the rubber cone is stuck firmly in the radiator or expansion tank opening
- 3-piece set, contents:**
3 rubber cones with functional \varnothing 17–31 / 24–39 / 34–50 mm



HAZET No.		EAN-No. 4000896+
4801-2/3	3	152407



Diagnostics

Product applications

Classification radiator adapter

→ Service → Tool Finder

→ Classification radiator adapter 4800

◀ For Smartphones with QR reader (app)

4800 Radiator tester

Made in Germany

Application: Checking for leakage in cooling systems and heating circuits

Classification to vehicles: → **The Tool Finder** → Radiator adapters 4800

Plastic box

Application on **AUDI** A2 · A3 · A4 · A5 · A6 · A7 A8 · TT · **VW** Passat · Golf 4 · 5 · Lupo (model year 1998 →) · Vento · Jetta · EOS · Bora · T5 · **CITROËN** C2 · C3 · C4 · C5 · C6 · C8 · Jumper · Jumpy · **FIAT** Tipo · Tempra · **MERCEDES-BENZ** Typ 202 / 203 (C-Class) · 124 / 210 (E-Class) · 129 / 220 (S-Class) · 251 (R-Class) · 164 (M-Class) · **NISSAN** Micra · **OPEL/VAUXHALL** Vectra C · Astra H · Zafira A · Meriva · Signum · Corsa · **PEUGEOT** · **RENAULT** Safrane · Mégane · Laguna · Twingo · Trafic · Master · **SEAT** Arosa · Córdoba · Ibiza · Toledo · León · **ŠKODA** Octavia · Fabia · Roomster

Set contents:

4800-1 · 4800-2
4800-4 A · 6 A · 12 A · 15 · 17



HAZET No.	Image	EAN-No. 4000896+
4800/7		132874

4800 Radiator tester

Made in Germany

Application: Checking for leakage in cooling systems and heating circuits

Classification to vehicles: → **The Tool Finder** → Radiator adapters 4800

• Plastic box

• Set contents

4800-1 · 4800-2
4800-3 · 4 A · 5 A · 6 A · 7 A · 8 A · 12 A · 13 A · 17 · 22 · 23



HAZET No.	Image	EAN-No. 4000896+
4800/12		165483

4800 Cooling pump

Made in Germany

• Application: Checking for leakage in cooling systems and heating circuits

• Use with radiator adapters of series HAZET 4800



HAZET No.	EAN-No. 4000896+
• Cooling pump	
• Quick coupler connection	
• Self-testing function	
• Up to 2,5 bar	
4800-1	022243
• Intermediary piece, flexible hose	
4800-2	022274

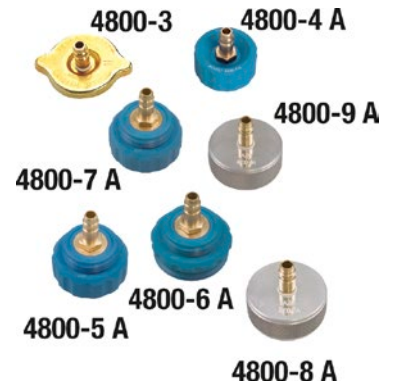
4800 Cooling pump and adapter

Made in Germany

• Application: Checking for leakage in cooling systems and heating circuits

• Threads adjusted exactly to opening of the expansion tank (bayonet fitting on 4800-3 · 10 · 11 · 16 · 22 · 23)

• Coupling nipple for connection to the quick coupling connection of the cooling pump 4800-1 and intermediary piece 4800-2 or vacuum radiator filler HAZET 4801-1 and 4802-1



HAZET No.	EAN-No. 4000896+
Radiator adapter STANDARD (with bayonet fitting) for:	
• Passenger car:	
– FIAT	
– KIA	
– MERCEDES-BENZ Vito · Viano · Solaris	
– MITSUBISHI	
– PORSCHE	
– SUZUKI Vitara · Samurai	
• Commercial vehicles / agricultural machinery:	
– AMAZONE Pantera	
– CASE Magnum, Quadtrac	
– CLAAS Jaguar, Lexion, Scorpion, Ares, Atlas, Ceres, Arion	
– DAF 45 model year 05/1991 → 12/2000	
– DOOSAN Wheel excavator S · Caterpillar excavator DX	
– FENDT	
– KAESER Mobilair	
– LIEBHERR A308-316	
– MASSEY FERGUSON with tank number 180224M92 and 4296015M1	
– NISSAN forklifts	
– PUTZMEISTER BSA 1409	
– SCANIA Vabis	
4800-3	022281



4800 Cooling pump and adapter



HAZET
No.

EAN-No.
4000896+

Radiator adapter (simultaneously serves as an adapter for HAZET radiator adapter without connecting nipple) for:

• **Passenger car:**

- ALFA ROMEO 147 · 164 · 166 · GT · Mito
- CITROËN Berlingo model year 1998 → · C1 HDi · C2 · C3 · C4 · C5 · C6 · C8 · Jumper · Jumpy · Nemo · Picasso
- DACIA Dokker · Duster · Lodgy · Logan · Sandero
- FERRARI threaded port
- FIAT 500 model year 2007 → · Bravo · Dobló · Ducato · Fiorino · Grande Punto · Idea · Linea · Multipla · Panda · Punto · Qubo · Scudo · Seicento · Stilo · Tempra · Tipo · Ulysse
- FORD Ka model year 2009 →
- LANCIA Delta · Musa · Phedra · Thesis · Ypsilon
- LAND ROVER Defender TD5 · Freelander 2.0 DI
- MASERATI threaded port
- MERCEDES-BENZ Citan
- MINI Mini model year 2007 →
- MITSUBISHI Carisma D model year → 2003 · Space Star D
- NISSAN Interstar · Kubistar · Micra · Primastar · Quashqai
- OPEL Combo D · Crossland X · Grandland X · Movano · Zafira Life
- PEUGEOT 206 · 207 · 307 model year 2004 → · 308 · 406 · 807 model year 2004 → · Expert · Partner
- RENAULT Avantime · Espace · Master · Mégane · Laguna · Trafic · Twingo
- Volvo 850 · 960 · C 70 model year → 2007 · S 40 model year → 2003 · S 60 model year → 2007 · S 80 model year → 2007 · V 40 model year → 2003 · V 70 model year → 2007 · XC 90 model year → 2007

• **Commercial vehicles / agricultural machinery:**

- CASE CVX · Maxxum · Optum · Puma CS, SBS, LBS
- CLAAS Arion · Axion
- DEUTZ Engines 3.6 PowerPack · BF6M1013FC · TCD2013L6 2V and 4V · Genset 250kVA
- FENDT Vario model year 2000 → · Combine harvesters L series
- FIAT M100 · 115 · 135 · 165
- HATZ 4H50tic
- IVECO Eco Daily with blue lock
- NEW HOLLAND T6 · T7, T7 Elite Pack · TVT

4800-4 A

156504

Radiator adapter for

• **Passenger car:**

- AUDI
- PORSCHE 986 · 987 · 996 · 997 · Cayman · Carrera GT
- SMART For Two · Roadster
- VW Golf 2 · Transporter T3

• **Commercial vehicles / agricultural machinery**

- COMPAIR Mobile compressor with VW expansion tank
- FENDT Farmer 300 model year 1988 → · Type 500 · Type 700 · Vario model year 1988 →
- LINDE forklifts
- RENAULT Midlium model year 01/2000 → 12/2013
- PUTZMEISTER BSA 1407D · BSA 2110 HP-D
- Volvo FE model year 05/2006 → · FL model year 03/2000 →

4800-5 A

161843

Radiator adapter for

- VW Passat · T4 · Lupo model year 1998 →
- SEAT Arosa · Córdoba · Ibiza model year 1999 →
- SEAT Vario and León model year → 1998
- ŠKODA Octavia model year → 1998

4800-6 A

161850

Radiator adapter for

• **Passenger car:**

- CHEVROLET
- DAEWOO/CHEVROLET
- FORD Ka · Focus model year → 2007 · Fusion · Mondeo
- OPEL/VAUXHALL Agila · Zafira A

• **Commercial vehicles / agricultural machinery:**

- MAN Tga · L 2000

4800-7 A

161867

Radiator adapter for

- BMW 3-series → model year 2008 · 5-series → model year 2003 · 7-series → model year 2001 · X3 → model year 2010 · X5 → model year 2013

4800-8 A

161874

Radiator adapter for

- BMW 3 Series model year → 2000 · Z1 · Z3 · Z4 model year → 2013
- ROVER Range-Rover

4800-9 A

161881





4800 Radiator adapter

Made in Germany

• Application: Checking for leakage in cooling systems and heating circuits

Extended range for existing radiator tester HAZET 4800

• Threads adjusted exactly to opening of the expansion tank
 • Coupling nipple for connection to the quick coupling connection of the cooling pump 4800-1 and intermediary piece 4800-2 or vacuum radiator filler HAZET 4801-1 and 4802-1



HAZET No.	EAN-No. 4000896+
Radiator adapter (with bayonet fitting) for • RENAULT 4800-10	022250
Radiator adapter (with bayonet fitting) for • SMART For Four · FORD · KIA • Japanese vehicles 4800-11	022267
Radiator adapter for • AUDI A1 (model year 2010 →) · A2 · A3 · A4 · A5 model year 2007 → · A6 · A8 · TT · Q5 · Q7 · R8 • VW Passat B5 · Eos · Bora · T5 · LT · Golf 4 · 5 · 6 · 7 · Vento · Jetta • SEAT Toledo · León • ŠKODA Octavia · Fabia model year 1998 → · Roomster · Superb • PORSCHE Cayenne · Panamera • MULTICAR M27 4800-12 A	161898
Radiator adapter for • VW Sharan • FORD Galaxy • SEAT Alhambra 4800-13 A	161904
Radiator adapter for • MERCEDES-BENZ Type 168 · 169 (A-Class) · 245 (B-Class) · CDi · 220 · 129 4800-14	079018
Radiator adapter for • MERCEDES-BENZ Type 202 / 203 (C-Class) · Type 204 (C-Class) · Type 124 / 210 / 211 (E-Class) · Type 129 / 220 (S-Class) · Type 164 (M-Class) · Type 251 (R-Class) Sprinter model year 2018→ 4800-15	079025
Radiator adapter (with bayonet fitting) for • Passenger car: – MINI model year 2001 → – MERCEDES-BENZ SLK · CLK · Sprinter model year 1999 → type 170 · 208 · 611 and W124 model year 1984 → 1993 • Commercial vehicles / agricultural machinery – DEUTZ Engines KHD1015 · D2008 · D2009 · TD2.9 L4 · TCD3.6 · BFM1013 · BFM2012 · TCD2013 2V · BFM1015 · TCD2015 V8 · V6 · M · TCD 12.0 and 16.0 4800-16	098507
Radiator adapter for • OPEL/VAUXHALL Vectra C · Astra H · Astra J · Astra K · Meriva · Signum · Corsa D · Insignia • JOHN DEERE – Tractors 5 Series · 6 Series · 7 Series · 8 Series · 9 Series – Forage Harvester 8000 · 9000 Series – Self-Propelled Sprayer R4040 · R4050 · R4140 · 4150 – Windrower W170 – Cotton Picker CP690 – Excavator 160DLC – Crawler Dozer 700J – Wheel Loader WL53 · WL56 • HITACHI excavator ZAXIS 6 • HAGIE STS 10 · 12 · 14 · 16 4800-17	109661

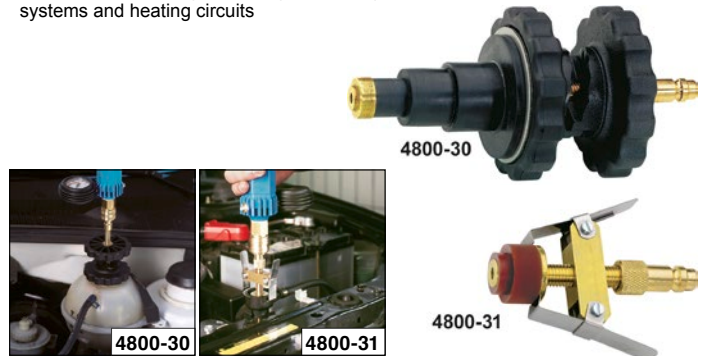
4800 Radiator adapter

HAZET No.	EAN-No. 4000896+
Radiator adapter for • MERCEDES-BENZ Sprinter model year 2006 → · Viano model year 2003 → 4800-18	128815
Radiator adapter for • VW Crafter · MAN TGE 4800-19	128822
Radiator adapter for • MAZDA 3 • Volvo C30 · S40 model year 2004 → · V50 • Volvo commercial vehicles Scraper tractor dumpers • FORD Focus model year 2008 → · Fiesta model year 2008 → · C-Max · Galaxy model year 2006 → · Kuga and S-Max 4800-21 A	162185
Radiator adapter (with bayonet fitting) for • CITROËN C1 • DAIHATSU Cuore L201 · L501 · Move L601 • MAZDA 121 · Demio • MITSUBISHI Grandis model year 2004 → · L400 · Pajero Pinin / Sport · Space-Gear · -Runner · -Wagon • PEUGEOT 107 model year 2006 → • ROVER 600 • SUBARU B9 Tribeca · Justy • SUZUKI Alto • TOYOTA Aygo model year 2006 → · Celica · Corolla · Rav 4 · Starlet · Yaris 4800-22	144266
Radiator adapter (with bayonet fitting) for • DAIHATSU Standard • HONDA Accord · Civic · Legend • HYUNDAI · ISUZU commercial vehicles · KIA • MAZDA 323 · 626 model year → 2002 · 6 · MX5 · Premacy model year 2000 → · RX8 • MITSUBISHI Carisma · Eclipse · Galant · Lancer · Outlander · Pajero · Sigma · Spacewagon D model year 2003 → • MITSUBISHI commercial vehicles Fuso Canter • NISSAN 350Z · Almera · Maxima · Micra model year → 2004 · Terrano 2 · X-Trail · Forklifts • TOYOTA Avensis · Carina E • SUZUKI Baleno · Wagon-R • SUBARU Forester · Impreza · Legacy · Outback • OPEL/VAUXHALL Agila 1.0 and 1.2 l and • SMART Forfour • YALE GDP/ GLP 16-30 4800-23	144273
Radiator adapter for • For BMW : 1 Series (E87/F20) · 2 Series (F22) · 3 Series (F30) · 3 Series GT (F34) · 4 Series (F32/F33) · 5 Series model year 6/2003 → (E60/F12) · 5 Series GT (F07) · 6 Series model year 2004 → (E63/F12) · 7 Series (E65/F01) · X1 (E84) · X3 model year 2010 → (F25) · X4 model year 2013 → (F26) · X5 model year 2013 → (F15) · X6 (E71) · Z4 model year 2013 → (E89) 4800-24	203864

4800 Universal adapter

Made in Germany

• Application: Checking for leakage in cooling systems and heating circuits



HAZET No.	EAN-No. 4000896+
• For radiator openings \varnothing 20–41 mm • With 3-stage rubber for rough and precise adjustment 4800-30	078202



4800 Universal adapter

HAZET No.	EAN-No. 4000896+
<ul style="list-style-type: none"> • Especially for Japanese vehicles \varnothing 18–24 mm • All current MAZDA models • V-clamp fastening 	
4800-31	078196

4795 Engine leakage tester

Made in Germany

• Easy application, immediate test result

• Application: For the diagnosis of engine defects, e.g. on inlet and exhaust valves, pistons/piston rings and cylinder head/cylinder head gasket



HAZET No.	EAN-No. 4000896+
4795-1	083770
<ul style="list-style-type: none"> • Adapter for motorcycles • Thread M12x1.25 (outside thread) 	
4795-11	083787
<ul style="list-style-type: none"> • Adapter for motorcycles and diesel engines • Thread M10x1 (outside thread) 	
4795-12	083794
<ul style="list-style-type: none"> • Adapter for diesel engines • Thread M24x2 (outside thread) 	
4795-13	083800
<ul style="list-style-type: none"> • Adapter for VW diesel engines including 4795-11 • Pin \varnothing 7 mm 	
4795-14	083817
<ul style="list-style-type: none"> • Adapter for multi-valve engines Thread M 14 x 1.25 Length 165 mm 	
4795-15	104345
<ul style="list-style-type: none"> • Adapter for multi-valve engines Spark plug thread M12x1.25 (14 mm spark plugs) 	
4795-16	215140

4810 C Optical tester

Made in Germany

• (Refractometer) – Also suitable for G12++, G13, G48, G64, AdBlue

• Application: For testing the anti-freeze concentration in the cooling water, also suitable for cooling fluids G11, G12++, G12 EVO, G13, G40, G48 and G64
For testing the quality of AdBlue solution
For testing the battery acid concentration (state of battery charge)

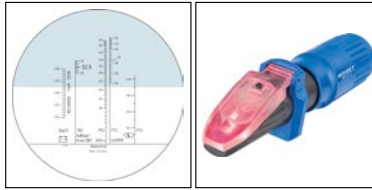
• Optical tester (refractometer) with integrated lighting (LED) in the lid

• Incl. pipette and operating instructions

Description of scales:
A – state of charge
B – AdBlue concentration
C – anti-freeze concentration
D – screenwash anti-freeze concentration
5 – Light/dark line for reading the scale



4810 C Optical tester



HAZET No.	EAN-No. 4000896+
4810 C	186402

4800 Cylinder head leakage tester

Made in Germany

• For radiator adapter HAZET 4800

• Application: Safe detection of cylinder head damage and leakages between the combustion chamber and the cooling system on water-cooled combustion engines **gas, diesel, petrol**

• Reaction fluid included



HAZET No.	EAN-No. 4000896+
4800-41	058891
<ul style="list-style-type: none"> • Reaction fluid (250 ml) For HAZET cylinder head leakage tester 4800-41 	
4800-041	108985

4793 Cylinder head tightness tester

Made in Germany

• Application: Detecting cylinder head gasket defects, leaks between the combustion chamber and the cooling system

• For water-cooled combustion engines (gas, diesel and petrol)

• Sheet metal box (HAZET-blue)

• 2-component soft foam insert



HAZET No.	L x W x H mm		EAN-No. 4000896+
4793/3	320x128x58	3	076192
<ul style="list-style-type: none"> • Tester 			
4793-1	–	–	076185
<ul style="list-style-type: none"> • Reaction fluid (250 ml) 			
4793-2	–	–	076208
<ul style="list-style-type: none"> • Flushing fluid (250 ml) for cleaning the tester 4793-1 			
4793-3	–	–	076215



Exhaust System / Lambda Probe

4684 Exhaust equipment tool

- Hook 40 mm, bent 9°
- Application: **Installation and removal of rubber retainers of the exhaust systems** e.g. for **FORD** Fiesta, Orion, Escort, **BMW** etc.
- Plastic T-handle
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
4684-1	209	022199

Made in Germany

- Hook 17 mm, half-round, 20° offset
- Application: **Installing and removing rubber retainers of the exhaust systems** e.g. for **VW** · **AUDI** · **MERCEDES-BENZ** · **OPEL/VAUXHALL**, Japanese cars etc.
- Plastic T-handle
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
4684-2	209	022205

4682 Chain tube cutter

- Easy adjustment due to T-screw during cutting process
- Application: **Cutting e.g. exhaust pipes** especially made from **V2A steel** up to a wall thickness of 2.5 mm and 75 mm Ø
- Extended cutting diameters are achieved by using extension chain HAZET 4682-01
- Little effort, fixed with **Grip technique**
- Surface: nickel-plated



HAZET No.	l mm	Ø mm	EAN-No. 4000896+
4682	255	15–75	022168
• Spare chain for 4682			
4682-01	–	–	022175
• Replacement set · 9 pieces for repairing the cutting chain 4682-01 For 4682			
4682-01/9	–	–	057214

4682 Chain tube cutter

- Easy adjustment due to T-screw during cutting process
- Application: **Cutting pipes** made of galvanized or stainless (V2A) steel, copper, PVC and aluminium up to a wall thickness of 6 mm and 115 mm Ø
- 15 cutting wheels made of alloyed steel
- Surface: nickel-plated

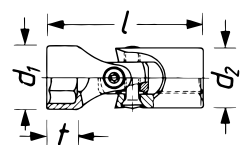


HAZET No.	l mm	Ø mm	EAN-No. 4000896+
4682-1	315	20–115	149384
• Spare chain for 4682-1			
4682-03	–	–	149421

850 LG-GE TORX® socket

Made in Germany

- Application: Operation of the oil pan screw connection in the engine and automatic gearbox. Removal of the EGR radiator, EGR valve, valve cover etc. in **MERCEDES-BENZ** etc. in the OM 651 engine. Removal of the gearbox holder no longer required, time saving: approx. 20 minutes. Much better accessibility to the screw connection on EGR valve and radiator enables further time saving of approx. 15 minutes
- Use and extension permanently connected
- With hinge – for working in areas with restricted access and for getting around obstructive edges
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
850 Lg-GE 10	150	12	13.5	9.42	223572





Specialty Tools

Gearbox



4680 Lambda probe socket

Made in Germany

- For lambda probes on **NISSAN · FORD · VOLKSWAGEN · SEAT · ŠKODA** etc.
- Optimal fit to the 6-point profile of the lambda probe
- Long design
- Surface: chrome-plated
- DIN 3124, ISO 2725-1



HAZET No.	S mm	l mm	d ₁ mm	d ₂ mm	EAN-No. 4000896+
4680-1	22	92	30.4	25	165605

Made in Germany

- Application: For lambda probe (s 22 mm) on **MERCEDES-BENZ**
- Long design
- Surface: chrome-plated
- DIN 3124, ISO 2725-1



HAZET No.	S mm	l mm	d ₁ mm	d ₂ mm	EAN-No. 4000896+
4680-2	22	110	36	30	022090

Made in Germany

- Choice of □ drive 12.5 = 1/2" or ● 32 mm



- Application: For lambda probe (s 22 mm) on **VW, AUDI**
- Long design
- Surface: chrome-plated
- DIN 3124, ISO 2725-1



HAZET No.	S mm	l mm	d ₁ mm	d ₂ mm	EAN-No. 4000896+
4680-3	22	110	41	34.4	022106

Made in Germany

- Application: Installation and removal of the **lambda probe** (s 22 mm)
- On e.g. **FORD · BMW · OPEL/VAUXHALL · VW · AUDI · SEAT** and **ŠKODA**
- Double □ drive 12.5 = 1/2" or operation with hexagon drive s 30 mm
- Blister packed
- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-1



HAZET No.	S mm	EAN-No. 4000896+
4680-5	22	057870

Gearbox

2174 Clutch centring tool

- No need to centre the clutch plate over the needle bearing



- Application: Precise centring and installation of the clutch plate to the clutch pressure plate
- Quick and easy installation
- Also suitable for vehicles **without** clutch guide bearings
- For passenger cars and lightweight commercial vehicles
- With 2 collets:
 - size 1 = 15-21 mm Ø
 - size 2 = 21-28 mm Ø
- Plastic with metal tightening screw



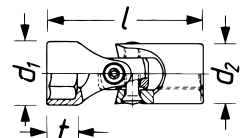
HAZET No.	EAN-No. 4000896+
2174	013609

880 GZ Universal joint socket · 12-point

Made in Germany



- Application: Operation of gearbox fitting (12-point screws) on **AUDI** vehicles model year 2008 → e.g. A4, A5, A6, A7, A8, Q5, Q7
- With hinge – for working in areas with restricted access and for getting around obstructive edges
- With locking ball
- Surface: chrome-plated, polished
- DIN 3124, ISO 2725-1



HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
880 G-Z 16	45.8	22	19	10	203734
880 G-Z 18	46.8	24.5	19	11	203529

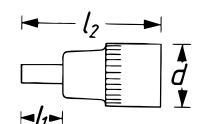
2756 Screwdriver socket

Made in Germany



- Blade length of the **TORX**® screwdriver socket is precisely adapted to the available spatial conditions, screwing in a linear motion is thus achieved and the socket is not in direct contact with the cardan shaft flange

- Application: Operation of the cardan shaft screw connection on the gearbox of **MERCEDES-BENZ** GLC (X253) model years → 2015, GLC Coupé (C253) model years → 2016 with 4Matic
- With locking ball
- Surface:
- DIN 3124, ISO 2725-1



HAZET No.	l ₁ mm	l ₂ mm	d mm	mm	EAN-No. 4000896+
2756-T 60	65	103	24.6	13.25	204243



Oil service

Overview of oil filter wrench

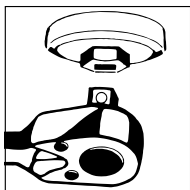
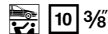
HAZET No.	Design Points / Grooves	Oil filter Ø mm	Oil filter wrench Ø mm	Insert Depth Wrench mm	Total height mm	Drive		Page
						Ø mm	□	
2168-46	6-Point	46	59	15	29.5	–	7	469
2169	14-Point	74.4	82	30	52	27	7	410
2169-1	15-Point	92	102	19	48	27	8	410
2169-5	18-Point	135	148	41	57	24	8	470
2169-6	16-Point	86.7	97	44.5	55.5	24	8	411
2169-7	14-Point	64	76	23	43	24	8	411
2169-8 A	15-point	74	90	–	38	–	8	412
2169-9	15-Point	105	119	36	52	24	8	470
2169-10	14-Point	74.4	82	20	42	27	7	410
2169-11	14-Point	84	97	30.5	48.5	24	8	411
2169-32	6-Point	32	43	18	30	–	7	411
2169-36	6-Point	36	49.5	15.2	29.5	–	7	411
2169-66	6 Grooves	66	76	23.5	43.5	24	8	411
2169-76	6 Grooves	76	85	21	42	24	8	411
2169-76 B	6 Grooves	76	85	21	42	24	8	412
2169-76 K	6 Grooves	76	85	14.5	34	24	8	411
2169-86	9 Grooves	86	97	24.5	44	24	8	411

Product applications	
Oil service	
→ Service → Tool Finder	
→ Oil service	
◀ For Smartphones with QR reader (app)	

2169 Oil filter wrench

Made in Germany

- Application: Operating oil filters and oil filter housing caps
- 14-point s 74.4 mm
- Drive 10 = 3/8" or outside hexagon 27 mm



HAZET No.	mm	mm	EAN-No. 4000896+
2169	27	82	013340
2169-10	27	82	108831

• For MANN and KNECHT filters · OPEL/VAUXHALL Longlife filters e.g. for MERCEDES-BENZ passenger cars with 2.2 l CDI engine · M 102 · M 103 · M 104 · M 110 · M 111 · M 119 · M 120 · M 613 · Sprinter · 2.2 l Turbo model year 2006 → · diesel engine OM 651
 AUDI A4 2.0 model year 2002 → · A4 4-cylinder petrol engines model year 12/2007 →
 BMW passenger cars · BMW motorcycles · K-models = K 75-1100 LT · Model series F and K
 VW Passat 1.9 TDI pump-nozzle injection · Passat B7 1.4 · 1.8 · 2.0 l TSI · Golf Plus 2.0 model year 2005 → · Golf 6 1.6 l and 1.2 / 1.4 / 1.8 / 2.0 l TSI · Golf 7 1.2 - 1.4 l TFSI · Polo 5 1.2 l – 1.4 l TSI · Tiguan model year 2007 → 1.4 l TSI (110 kW) 2.0 l TSI
 as well as FORD · OPEL/VAUXHALL · PORSCHE · PEUGEOT · CITROËN · RENAULT · NISSAN · TOYOTA · MAZDA etc.

• Operating the oil filter housing cap when changing the oil filter element on MAZDA 3 with 2.0 l engine and 6 with 1.8–2.0–2.3 l engines
 • Flat style: continuous 14-point profile up to the edge

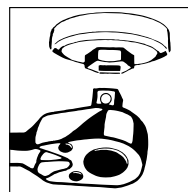
2169 Oil filter wrench

Made in Germany



- Optionally, □ drive 12.5 = 1/2" or outside hexagon 27 mm

- Application: Operation of oil filters (KNECHT and MAHLE filters) 15-point s 92 mm
- For e.g. VW · AUDI Passat 1.9 TDi · 2.8 l · CHRYSLER 300 M · PORSCHE · OPEL/VAUXHALL · RENAULT · FORD Focus 1.8 Di since 08/1999 · 1.8 TDi since 10/1998 · Maverick 2.7 TD · Mondeo 2.5 l · MITSUBISHI · NISSAN · ALFA-ROMEO · HONDA · Volvo · MAN (commercial vehicles) F 2000



HAZET No.	mm	mm	EAN-No. 4000896+
2169-1	27	102	013357

Made in Germany



- Forged design

- Application: Installing and removing oil filters and oil filter housing caps when changing the oil filter element
- Surface: chrome-plated





Specialty Tools

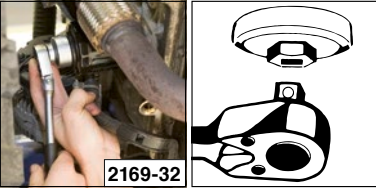
Oil service



2169 Oil filter wrench



 10 3/8



HAZET No.	mm	mm	EAN-No. 4000896+
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• 6-point s 32 mm
OPEL/VAUXHALL Astra · Corsa · 1.9 I CDTi · Astra 2.0 CDTi
VW Passat · Golf 6 with 1.6 and 2.0 CR-TDI · Passat B7 1.6 · 2.0 diesel engine · Golf 7 2.0 petrol engine · Polo 5 1.2 I-1.4 I TDI · Polo 1.2 I petrol engines model year 2005 → · Transporter T5 1.9 I diesel model year 2004 → · Touran TDi · Tiguan model year 2007 → 1.4 I (90/118kW) 2.0 I diesel engines · **AUDI** A6 3.2 I TSI · V6 model year 2004 → · A4 diesel from model year 12/2007
BMW 530d M57 model year 2008 →
 For urea solution filter Ad-Blue® **MAN** e.g. TGX
2169-32 32 43 082346

• 6-point s 36 mm
 e.g. for **MERCEDES-BENZ** engine 116 MB · 100 D Transporter · Actros MP 1 · MP 2 · **BMW** M 52-6-cylinder: 3 Series · 5 Series · M 60-8-cylinder: 5 Series · 7 Series · 8 Series · M 73-12-cylinder: 7 Series · 8 Series · 1 Series (E87): 118d · 120d · 1 Series (F20) 118i · **OPEL/VAUXHALL** Vectra B DI 16 V · Insignia · **VW** Lupo 1.2 TDI · Polo 5 1.2 I · Golf 6 1.4 I SRE/TSI · Touareg TDi · T5 2.5 D · Passat B7 3.6 I FSI · **AUDI** 6-cylinder petrol engines from 12/2007
 For **MAN** fuel filters e.g. TGA
2169-36 36 50 086566


 12.5 1/2

- Application: Operating oil filters and oil filter housings made of plastic
- □ Drive 12.5 = 1/2" or outside hexagon 24 mm





HAZET No.	mm	mm	EAN-No. 4000896+
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• 16-point s 86 mm
 For e.g. **BMW** 316i Limousine Touring · 316ti Compact · 318Ci convertible · Coupé · 318i Limousine Touring · Compact model year 2001 → · 1-series (E87): 116i · 118i · 120i · 130i
Volvo V40 · V70 · S40 · S60 · S70 · S80
2169-6 24 97 100293

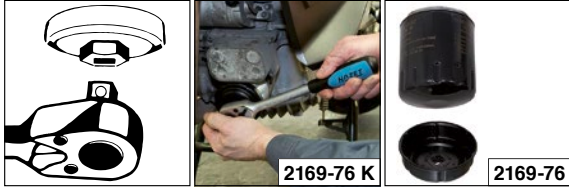
• Operation of oil filters
14-point s 64 mm an
TOYOTA Yaris · Corolla · MR2 model year → 1999 · Starlet · Celica · Avensis
NISSAN Micra · Almera
MAZDA 323 · 626 · MX-5 · Xedo
MERCEDES-BENZ A-Class (type 177), B-Class (type 247) with OM 608 engine
SMART ForFour (type 454) engine 134 · 135 · SMART Fortwo (type 451) engine 132 · as well as
SUBARU · **SUZUKI** · **DAIHATSU**
 Also suitable for **YAMAHA** Super Ténéré XT1200 z · YZF-R1 model year 2007 → · YZF-R6 v2006 → · FZ1-S model year 2006 → · FZ1-N model year 2006 → · FZ6-S model year 2007 → · FZ6-N model year 2007 →
BMW G310R and G310GS
2169-7 24 77 100224

• 14-point s 84 mm
 Operation of plastic oil filter housings, e.g. on **MERCEDES-BENZ** V6 diesel engines OM642 among others for 164 · 203 · 204 · X204 · 210 · 212 · 639
 • Operation of fuel filter housing cover on **MERCEDES-BENZ** type 213 with OM 654
2169-11 24 97 118847

2169 Oil filter wrench


 12.5 1/2

- Application: Operating Purflux oil filters
- □ 12.5 = 1/2" or outside hexagon 24 mm



HAZET No.	mm	mm	EAN-No. 4000896+
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• s 66 mm groove profile (6 grooves)
RENAULT Clio, Twingo (also operation of the oil filter housing cap) · Kangoo, **FIAT** Punto · Stilo · Brava · Bravo with 1.2 I, **LANCIA** Y 1.2 I, **MAZDA** 323 · 626 · MX 3 · Xedos, **MITSUBISHI** Colt · Carisma · Space Star, **NISSAN** Micra · Primera · Serena, **TOYOTA** Yaris · Starlet, MR 2 · Corolla · Carina · Avensis
2169-66 24 76 100217

• s 76 mm groove profile (6 grooves)
 For e.g. **AUDI** A3 · A4 · A6 · **CITROËN** C5 · Xantia · **DACIA** · **FIAT** Brava · Bravo · Punto · Tipo · **FORD** Fiesta · Escort · **MERCEDES-BENZ** passenger cars and Sprinter · e.g. Citan 1.5 I diesel · **PEUGEOT** 106 · 206 · 306 · 406 · **RENAULT** Clio · Kangoo · Mégane · Laguna · Rapid · **HONDA** Accord · Civic · Prelude · CRX · **OPEL/VAUXHALL** Astra G/F · Corsa A/B · Calibra · Zafira · Frontera · **SUZUKI** Grand Vitara 1.9D model year 2009 **VW** Golf 3 and 4 · Polo · Passat · Sharan · **SEAT** Alhambra · Toledo · León · Córdoba · **SKODA** Octavia for fuel filters
 e.g. for **RENAULT** Espace · Laguna · R19 · **Volvo** S 40 and V 40 model year → 1999
2169-76 24 85 100309

Especially for BMW motorcycles
• s 76 mm groove profile (6 grooves), reduced height
 • For new **BMW** motorcycles R1200 GS · R1200 R · R1200 RT · R1200 ST · model years 2004 → 2012
• SMART 453
2169-76 K 24 85 158188

• s 86 mm groove profile (9 grooves)
 For e.g. **ALFA** 145 · 146 · 156 1.9 JTD · 156 2.4 JTD · **VW** Golf 3 · Sharan · Vento · Passat with TDi engine · Lupo · Polo 1.7 SDi · **AUDI** A4 · A6 with TDi engine 85 KW/115 PS · **FIAT** Bravo and Brava 1.9 JTD · **RENAULT** Clio · R 19 with 1.4–1.7 and 1.8 I · Mégane 1.4 and 2.0 I · Rapid with 1.9 D · Laguna · Safrane and Espace 3 with 2.1 D · **SEAT** Alhambra · 1.9 TDi · Arosa 1.7 SDi · **SUZUKI** Grand Vitara 1.9 DDIS for fuel filters
 e.g. **MERCEDES-BENZ** Vito · Sprinter · A-Class (type 168) · C-Class (type 202) · E-Class (type 210)
2169-86 24 97 100323

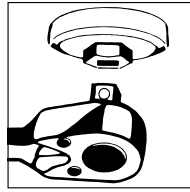




2169 Oil filter wrench

Made in Germany

- Application: Operating Purflux oil filters
- □ 12.5 = 1/2" or outside hexagon \varnothing 24 mm
- s 76 mm groove profile (6 grooves)
- Safe, non-conductive protective coating against danger of short circuit: In some RENAULT, e.g. K9K engine, the oil filter is located very close to the alternator or the starter
- Eye-catching coating colour reduces the risk of it being left in the engine compartment after operation
- For e.g. AUDI · CITROËN · DACIA · FIAT · FORD · MERCEDES-BENZ · NISSAN · PEUGEOT · RENAULT · HONDA · OPEL/VAUXHALL · SUZUKI · VW · SEAT · ŠKODA



HAZET No.	\varnothing mm	EAN-No. 4000896+
2169-76 B	85.6	230259

Made in Germany

- Application: Operating oil filters and oil filter housings
- □ Drive 12.5 = 1/2"
- 15-point s 74 mm
- Operation of oil filters
- FORD models e.g. EcoBoost engines among others B-Max · C-Max 2 · Fiesta 5-6-7 · Focus 2-3 · Fusion · Galaxy · Mondeo 4-5 · Tourneo · Transit, Ka+ · Kuga 2 · S-Max
- MAZDA 2 (DL, DJ) 1.5D · 3 (BK, BL) 2.0 (BM, BN) 1.5D · 2.2D (BP) 1.8D · 5 (CW) 1.8-2.0 · 6 (GG) 1.8-2.0 (GY, GH) 1.8-2.0-2.5 (GJ, GL) 2.2D · CX-3 (DK) 1.5D-1.8D · CX-5 (KE, GH, KF) 2.2D · CX-7 (ER) 2.3D-2.5D · MX-5 (NC) 1.8-2.0



HAZET No.	mm	\varnothing mm	EAN-No. 4000896+
2169-8 A	24	105	232956

2169 Oil filter wrench set

Made in Germany

- Operating oil filters and oil filter housings made of plastic
- Fast application, safe, appropriate and clean working
- The torque value recommended by the vehicle manufacturer can be safely achieved, e.g. with the HAZET 6110-1 CT (10 = 3/8") and HAZET 6121-1 CT (12.5 = 1/2") torque wrenches
- **Caution:** Follow vehicle manufacturer's specifications concerning torque values
- Oil filter wrench set, contents: 2169 · 2169-1 · 2169-6 2169-36 · 2169-76 · 2169-86



HAZET No.	mm	EAN-No. 4000896+
2169/6	6	120628

2170 Universal strap wrench

Made in Germany

- Especially for oil filters, generators and other round screwed connections
- Cotton textile tape, rubber coated, height 19.6 mm
- Non-skidding
- Surface: chrome-plated



HAZET No.	\varnothing mm	EAN-No. 4000896+
2170	80-180	013371

2171 Oil filter wrench

- Adjustable by turning knob or 6-point 13 mm

- Application: Operating oil filters even in areas with restricted access
- Replaceable steel strip (12x1 mm)



HAZET No.	\varnothing mm	EAN-No. 4000896+
2171-5	65-105	013449
2171-6	105-145	013456

2171 Oil filter chain wrench

Made in Germany

- Operation even in areas with restricted access

- Application: Operating oil filters and other cartridges on passenger and commercial vehicles
- With chain



HAZET No.	\varnothing mm	EAN-No. 4000896+
2171-8	50-150	013463

2172 Oil filter wrench

Made in Germany

- For oil filters in areas with restricted access
- Left-hand and right-hand operation
- Universal application
- □ Drive 10 = 3/8" or ● 19 mm
- Forged design
- Surface: galvanised





Specialty Tools

Oil service



2172 Oil filter wrench



HAZET No.	∅ mm	EAN-No. 4000896+
2172	65-115	013470

2527-5 Ball-head screwdriver socket

Made in Germany



- Application: For oil pan screw connection (s 5 mm) on **VW, AUDI, SEAT, SKODA**
- DIN 3124, ISO 2725-1



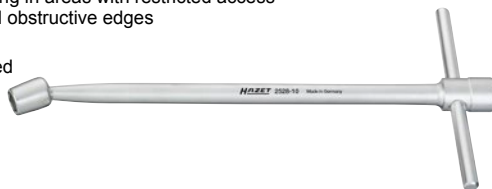
HAZET No.	S mm	l ₁ mm	l ₂ mm	EAN-No. 4000896+
2527-5	5	200	227	016303

2528 Oil pan joint socket

Made in Germany



- Application: Oil pan screw connection (s 10 mm)
- With rotary pin
- With hinge – for working in areas with restricted access and for getting around obstructive edges
- Drive with ball race
- Surface: chrome-plated
- DIN 3124, ISO 2725-1



HAZET No.	S mm	l mm	EAN-No. 4000896+
2528-10	10	250	016327

2567 Oil service screwdriver socket

Made in Germany



- Application: Gearbox oil change (XZN screw with journal guide)
- **AUDI** A2 · A3 · A4 · A6 · TT,
VW Passat B5 · Golf 4 · LT · T4 · T5
- **SKODA** Fabia · Octavia · Superb
- **PORSCHE** Boxster with gearbox
- **FORD** Galaxy 1.9 TDi with 6-speed gearbox
- With knurling
- Surface: chrome-plated
- DIN 3124, ISO 2725-1



HAZET No.	l ₁ mm	l ₂ mm	EAN-No. 4000896+
2567-16	22	60	016419

2528 VAG oil drain plug special screwdriver bit

Made in Germany



- Installing and removing the plastic oil drain plug with special profile on oil pans made of plastic

- **AUDI SEAT ŠKODA VW**
model year 2013 → with 1.2 · 1.4 · 1.8 · 2.0 TFSI petrol engines
AUDI A1 · A3 · A4 · A5 · Q5
VW Golf 7
SEAT León · etc. with 1.6 and 2.0 l diesel engines



HAZET No.	l mm	EAN-No. 4000896+
2528-1	35	201372

2760 Oil service wrench

Made in Germany



- For oil filler screw on M 8 gearbox
- Surface: chrome-plated



HAZET No.	S mm	l mm	EAN-No. 4000896+
2760	14x17	237	017638
2760-2	13x14	287	017652





3420 Special application oil drain plastic screw on FORD

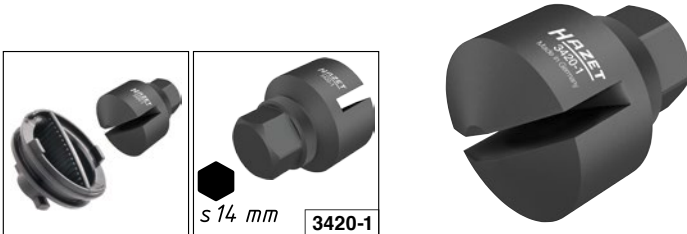
Made in Germany

- Perfectly designed for plastic drain plug
- Prevents damage resulting from the use of e.g. unsuitable extraction tools

Application: Operation of the oil drain plastic screw on **CITROËN · FORD · OPEL VAUXHALL · PEUGEOT · TOYOTA**

E.g. for

- **CITROËN** C4 · C5 · Spacetourer · Jumpy · DS4 · DS5 with 2.0 Blue HDi engine model year 09/2013→
- **FORD** Mondeo · S-Max · Kuga · Galaxy · Focus · C-Max with 2.0 TDCi engine model year 09/2014 →
- **FORD** (USA) Edge with 2.0 TDCi engine model year 08/2015→
- **FORD** (Australia) Kuga · Escape · Mondeo with 2.0 TDCi engine model year 09/2014→
- **OPEL/VAUXHALL** Grandland X 2.0 D model year 11/2017→
- **VAUXHALL** Grandland X 2.0 D model year 10/2017→
- **PEUGEOT** 308 · 508 · 3008 · 5008 · Expert · Traveller with 2.0 Blue HDi engine model year 11/2013→
- **TOYOTA** Proace Verso · bus · van · platform with 2.0 D model year 02/2016→



HAZET No.	l mm	EAN-No. 4000896+
3420-1	32	224159

3702 Oil service screwdriver socket

Made in Germany

- For the oil filler and oil drain plug gearbox, differential, oil pan
- Surface: chrome-plated
- DIN 3124, ISO 2725-1



HAZET No.	S mm	l mm	EAN-No. 4000896+
3702	8	36	018918
3702-1	10	36	018925

3703 Oil service wrench

Made in Germany

- For the oil filler and oil drain plug gearbox, differential, oil pan on various French passenger cars
- 8 and 10 mm outside square
- Surface: chrome-plated



HAZET No.	S mm	l mm	EAN-No. 4000896+
3703	8x10	233	018932

4618 Oil service wrench

Made in Germany

- For the oil filler and oil drain plug on gearbox, differential, oil pan e.g. on **FORD**
- With different squares 8.7 · 9.5 · 10.5 · 11.5 · 13 · 6.8 · 15.2 · 16.5 · 19.7
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
4618	218	021994

198-10 Engine oil filling funnel

Made in Germany

- Replaceable adapter made of aluminium
- Easy installation on the engine of the vehicle
- Ensures the necessary slow, controlled filling of engine oil for some engines – saves time: other work can be done while the oil is draining
- Replaceable aluminium adapters for many common vehicle models
- Flexible use due to plug system
- With optional angle connection piece 198-12, also for hard-to-reach oil filling openings
- Special funnel made of sturdy plastic





198-10 Engine oil filling funnel

HAZET No.			EAN-No. 4000896+
	For VW group vehicles of the MQB platform		
	• Necessary due to a smaller diameter of the oil filler plug		
	• AUDI A3 (8V) · VW Golf 7 · SEAT León (5F) · ŠKODA Octavia 3		
	• 2-part set, contents, special funnel 198-9 · oil filling adapter 197-7		
	• Made in Germany		
198-9/2	1	-	186396
	• Bayonet fitting, universal use e.g. on AUDI · VW · SEAT · ŠKODA · MERCEDES-BENZ etc.		
	• 2-part set, contents, special funnel 198-9 · oil filling adapter 197-10		
	• Made in Germany		
198-10/2	1	2	187218
	• Oil filling adapter for engine oil filling funnel 198-9, can be used in vehicles of the VW Group MQB platform		
	AUDI A3 (8V)		
	VW Golf 7		
	SEAT León (5F)		
	ŠKODA Octavia 3		
	• Made in Germany		
198-7	-	-	187256
	• Special funnel made of sturdy plastic		
	• Combination possible with oil filling adapters (198-7 · 10 · 13 · 14 · 15 · 16 · 17 · 18 · 19)		
	(also together with angle connection piece 198-12 (adapter and angle connection piece optionally available))		
	• Made in Germany		
198-9	1	-	187249
	• Adapter with bayonet fitting for engine oil filling funnel 198-9, can be universally used e.g. on AUDI , VW , SEAT , ŠKODA , MERCEDES-BENZ , BMW etc.		
	• Made in Germany		
198-10	-	-	187263
	• Angle connection piece for hard to reach oil filling openings		
	• Made in Germany		
198-12	-	-	206766
	• Oil filling adapter for engine oil filling funnel 198-9, can be used in engines:		
	OPEL/VAUXHALL , RENAULT : G9Q-T-U		
	NISSAN , OPEL/VAUXHALL , FIAT , RENAULT : R9M		
	MERCEDES-BENZ : C-Class type 205, GLC type 253 with OM 626, Vito type 447 with OM 622		
	DACIA : H5F · K7M · K4M · D4F · K7J · K4M · H4B · D4F		
	• Made in Germany		
198-13	-	-	206773
	• Oil filling adapter for engine oil filling funnel 198-9, can be used in MERCEDES-BENZ engine		
	M270: A-Class type 176 · B-Class type 246		
	M271: C-Class type 203, 209, 204 · E-Class type 211, 212, 207 · SLK type 171, 172 · Sprinter type 906		
	• Made in Germany		
198-16	-	-	206803
	• Oil filling adapter for engine oil filling funnel 198-9, can be used in MERCEDES-BENZ engine		
	OM 654: A-Class, type 177 · B-Class, type 247 · C-Class, type 205 · E-Class, type 213 · V-Class, type 447		
	M 282: A-Class, type 177 · B-Class, type 247		
	• Made in Germany		
198-17	-	-	206827
	• Oil filling adapter for engine oil filling funnel 198-9, can be used in MERCEDES-BENZ engine		
	OM 607: type: 415 Citan, 176 A-Class, 246 B-Class, 117 CLA, X156 GLA · RENAULT engine K9K		
	• Made in Germany		
198-18	-	-	219179
	• Oil filling adapter for engine oil filling funnel 198-9, can be used in 1.5 TSI VW Group engine		
	AUDI A1 model year 11/2018 → A3 model year 05/2017 → Q2 model year 11/2018 → Q3 model year 09/2018 →		
	SEAT Arona model year 11/2017 → Ibiza model year 08/2017 → León 3 model year 09/2018 → Tarraco model year 10/2018 → Ateca model year 10/2018 →		
	ŠKODA Karoq 07/2017 → Octavia 3 model year 08/2017 → Suberb 3 model year 10/2018 →		
	VW Arteon model year 11/2018 → Golf 7 model year 03/2017 → Golf Sportsvan 10/2017 → Polo 6 model year 09/2017 → T-Roc model year 11/2017 → Passat B8 model year 10/2018 → Touran 2 model year 10/2018 →		
	• Made in Germany		
198-19	-	-	226993

Brakes

163 Universal brake set

1/3			
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751 K HS-3	8801 K · O · 10 ³ / ₈	2784 · O · 10 ³ / ₈
751 K HS-4	986 · O · 10 ¹ / ₂	2901 G · O · 10 ³ / ₈
748 LGB	986 LG · O · 10 ³ / ₈	4968-2
748 Lg b-3 · 748 Lg b-4	9 · 11	4968-6
810 U-PH · PH 3	2584-8 · O · 10 ³ / ₈	

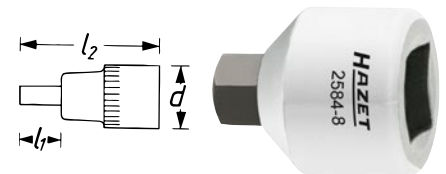
HAZET No.	L x W mm		EAN-No. 4000896+
163-548/14	342x172	14	224197

2584-8 Brake calliper screwdriver socket

Made in Germany



- Application: Operation of the brake calliper screws at the rear axle ≤ 8 mm on: **AUDI** TT since 2007, A4 since 2001, A6 since 2005, A8 since 2003
- For controlled screw tightening, use a torque wrench with drive 10 = 3/8" drive, e.g. HAZET 6110-1 CT
- With fix blade (size 8 mm) for inside hexagon screws
- DIN 3124, ISO 2725-1



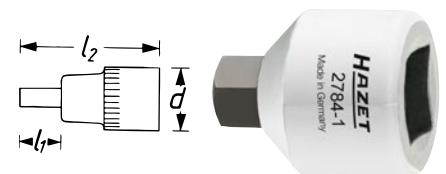
HAZET No.	S mm	l ₁ mm	l ₂ mm	EAN-No. 4000896+
2584-8	8	6.6	24	149438

2784 Brake calliper screwdriver socket

Made in Germany



- Application: Operation of the guide bolts ≤ 7 mm at the rear brake callipers on **MERCEDES-BENZ** type 204 (C-Class)
- For controlled screw tightening, use a torque wrench with 10 = 3/8" drive, e.g. HAZET 6110-1 CT
- With fix blade (size 7 mm) for inside hexagon screws
- DIN 3124, ISO 2725-1



HAZET No.	S mm	l ₁ mm	l ₂ mm	EAN-No. 4000896+
2784-1	7	6.6	24	148530



2901 G Brake calliper joint socket

Made in Germany

- Application: Rear brake calliper screws (s 7 mm) on **BMW** 3 · 5 and 8 Series · **VW** Golf 7 model year 2013 → · **AUDI** A3 model year 2013 → · **ŠKODA** Octavia model year 2013 → as well as **OPEL/VAUXHALL**
- With hinge – for working in areas with restricted access and for getting around obstructive edges
- DIN 3124, ISO 2725-1



HAZET No.	S mm	l mm	EAN-No. 4000896+
2901 G-7	7	50	051816

Application Chart for HAZET No. 4968 brake bleeding wrenches

	S mm				
BMW	7				
CITROËN		8	9		
DAIHATSU		8			
FIAT	7	8			
FORD	7	8	9	10	11
HONDA		8		10	
MAZDA		8			
MERCEDES-BENZ			9		11
MITSUBISHI				10	11
NISSAN				10	11
OPEL			9		
PEUGEOT	7	8	9	10	11
RENAULT	7	8	9		11

4968 Brake bleeding wrench set

Made in Germany



HAZET No.		EAN-No. 4000896+
4968 • ●		
7 • 8 • 9 • 10 • 11		
4968/5	5	086535

4968 Brake bleeding wrench

Made in Germany

- Equal hexagon size on both sides



- Application: **Brake bleeding without dismantling the wheels**, replacement of wheel brake cylinder, master brake cylinder and the tube connections
- Bent and offset
- Surface: chrome-plated



HAZET No.	S mm	l mm	EAN-No. 4000896+
4968- 7	7	190	085705
4968- 8	8	208	085699
4968- 9	9	208	085682
4968-10	10	236	085712
4968-11	11	236	085729

4963 Specialty tool for brakes

Made in Germany

- Push and turn-part with carbide coating layer in the front working area



- Application: Installation and removal of the spring plate and the holding device of the brake linings on drum brakes
- On e.g. **VW** · **SEAT** · **ŠKODA** · **OPEL/VAUXHALL** and **RENAULT** with rear drum brakes

- Plastic handle
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
4963-1	237	050383

4964 Draw spring assembly tool

Made in Germany

- Hook with T-handle



- Application: Installing and removing the **draw spring of hand brake shoes** (rear disc brake)
- On e.g. **MERCEDES-BENZ** passenger cars as well as Sprinter **VW** Crafter model year 2006 → 2016 and LT 1996 → 2006
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
4964-1	162	055708



Specialty Tools

Brakes



2191 Tube flaring tool set

Made in Germany

• For metal tubes and pipes with a wall thickness of 0.7 to 1.0 mm
pipe \varnothing 4.75–10 mm

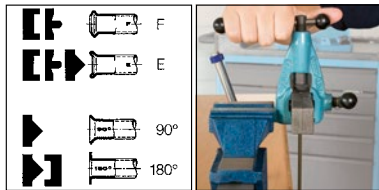


• Application: Making open (F) or twin (E) flares in accordance with DIN 74234, standard 90° and 180° flares
For flares on rolled and drawn pipes

• Replaceable, hinged gripping jaw

Note: For plastic-coated brake lines use HAZET 2193/4 K

- Special cast steel
- Sheet metal box (HAZET-blue)
- 2-component soft foam insert



2191-1



2191-2



2191-3



2191

2191-4 • 2191-5
2191-6 • 2191-8
2191-9 • 2191-10



2191-90

HAZET No.	L x W x H mm	Image	EAN-No. 4000896+
2191/12 K	290x173x50		013890

2191 Basic unit

Made in Germany

• Holding the gripping jaw 2191-1



HAZET No.	\varnothing mm	EAN-No. 4000896+
2191	4.75–10	013784

2191 Gripping jaw

Made in Germany

- Socket in basic unit 2191
- For E, F, 90° and 180° flares
- 4.75 up to 10 mm



HAZET No.	mm	EAN-No. 4000896+
2191-1	4.75–5–6–8–9–10 mm	013791

2191 Tube deburring tool

Made in Germany

• For tubes with outside \varnothing of 4–32 mm



• Application: For tube deburring



HAZET No.	\varnothing mm	EAN-No. 4000896+
2191-2	4–32	013814

2191 Base block

Made in Germany

- For E, F, 90° and 180° flares
- 4.75 up to 10 mm

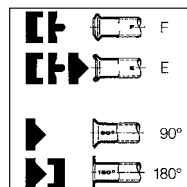


HAZET No.	\varnothing mm	EAN-No. 4000896+
2191-3	4.75–10	013821

2191 Thrust block

Made in Germany

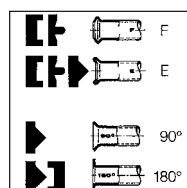
- For E and F-flares
- Surface: burnished, oiled



HAZET No.	\varnothing mm	EAN-No. 4000896+
2191- 4	4.75	013838
2191- 5	5	013845
2191- 6	6	013852
2191- 8	8	013869
2191- 9	9	013876
2191-10	10	013807

Made in Germany

- For E and 90°, 180° flares
4.75 to 10 mm
- Surface: burnished, oiled



HAZET No.	\varnothing mm	mm	EAN-No. 4000896+
2191-90	4.75–10	($\frac{3}{16}''$ – $\frac{3}{8}''$)	013883



2193 Tube flaring tool set

Made in Germany

- Application: Especially for F-flares on plastic-coated brake lines \varnothing 4.75 mm
- Sheet metal box (HAZET-blue)
- 2-component soft foam insert



2181 N-1



2193-1



2193-2



2193 A

HAZET No.	L x W x H mm		EAN-No. 4000896+
2193/4 K	290x173x50	4	014088

2193 Tube flaring tool

Made in Germany

- Especially for F-flares on plastic-coated brake lines \varnothing 4.75 mm



- Lightweight and easy to handle
- May be clamped into a machinist's vice, also allows manual operation under vehicles



HAZET No.	\varnothing mm	EAN-No. 4000896+
2193 A	4.75	142538

2193 Replacement thrust block

Made in Germany

- Replacement thrust block with dowel pin for tube flaring tool 2193 A



HAZET No.	EAN-No. 4000896+
2193/02	014071

2193 Bending tool

Made in Germany

- Application: Bending brake lines of 4.75 mm \varnothing



HAZET No.	\varnothing mm	EAN-No. 4000896+
2193-1	4.75	014057

2193 Tube deburring tool

Made in Germany

- Application: Inside and outside deburring of tubes



HAZET No.	\varnothing mm	EAN-No. 4000896+
2193-2	4.75	014064

4968 Brake calliper brush

Made in Germany

- Slim design



- Application: Removing stubborn brake dust and dirt from the disc brake calliper
- Plastic handle with suspension hole



HAZET No.	l mm	EAN-No. 4000896+
4968-2	225	084821

4968 Brass brake calliper brush

Made in Germany

- Soft brass bristles facilitate damage-free cleaning



- Application: Cleaning aluminium brake callipers
- Slim design – allows working in areas with restricted access
- Plastic handle with suspension hole



HAZET No.	l mm	EAN-No. 4000896+
4968-3	225	089147

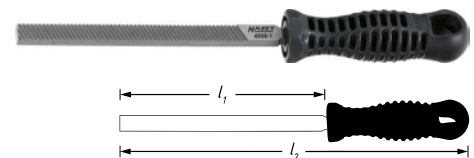
4968 Brake calliper file

Made in Germany

- One-sided cut prevents damage to the dust boot at the brake piston



- Application: For removing stubborn brake dust, rust and dirt from the disc brake calliper
- 12 mm wide
- Cut of the file: coarse bevel cut on one side
- Blunt scraper on the face side for removing rough residues
- Plastic handle



HAZET No.	l ₁ mm	l ₂ mm	EAN-No. 4000896+
4968-1	150	260	084739



Specialty Tools

Brakes

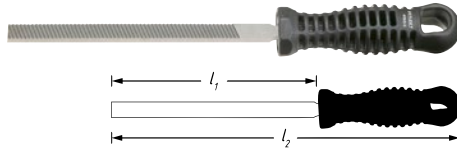


4968 Brake calliper file

Made in Germany

- Extra slim style (width 10 mm), especially appropriate for Japanese vehicles

- Application: For removing stubborn brake dust, rust and dirt from the brake calliper
- **Blunt scraper** on the face side for removing rough residues

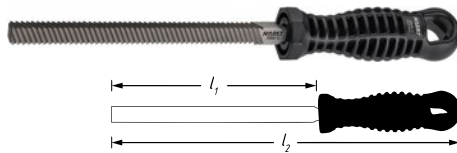


HAZET No.	l ₁ mm	l ₂ mm	EAN-No. 4000896+
4968-5	155	265	129379

Made in Germany

- Extra slim design

- Application: For removing stubborn brake dust, rust and dirt from the brake calliper
- **Square brake calliper file**
- Very good service life
- 10 x 10 mm
- Plastic handle with hanging hole



HAZET No.	l ₁ mm	l ₂ mm	EAN-No. 4000896+
4968-6	155	265	218431

4968 Brake line scraper

Made in Germany

- Curved design enables work even in hard-to-reach areas

- Application: For removing dirt, underbody protection and rust from brake lines and for locating concealed corrosion areas
- For checking the condition of the brake line in the general inspection
- Application is possible by pulling or pushing
- Replaceable blade
- For brake line Ø 4.75 mm
- 2-component handle



HAZET No.	l mm	EAN-No. 4000896+
4968-12	245	219964
• Spare blade for brake line scraper 4968-12		
4968-012	-	229871

2582 Brake adjusting lever

Made in Germany

- Application: Adjusting of **drum brake shoes** with eccentric
- Adjusting handbrakes with eccentric
- Surface: chrome-plated

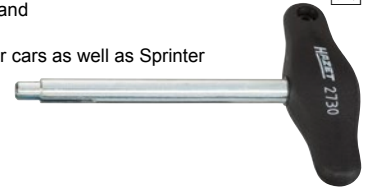


HAZET No.	l mm	EAN-No. 4000896+
2582	304	017027

2730 Hand brake shoe retaining spring tool

Made in Germany

- Application: Retaining springs of the hand brake shoes (rear disc brakes)
- On e.g. **MERCEDES-BENZ** passenger cars as well as Sprinter **VW LT** model year 1996 → 2006 · Crafter model year 2006 → 2016
- Plastic T-handle

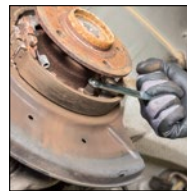


HAZET No.	l mm	EAN-No. 4000896+
2730	142	017423

Made in Germany

- Tool is especially suited to areas with very restricted access

- Application: Operating retaining springs of the hand brake shoes (rear disc brakes)
- **MERCEDES-BENZ** V-Class (Vito / Vitano) type 638 model year 1996 → 2003 · 639 model year 2003 → 2014 · 447 model year 2014 →
- The tool makes it easy to reach the retaining springs behind the wheel hub, as operation through the hole in the wheel hub is not possible for the above vehicle types.
- Plastic T-handle



HAZET No.	l mm	EAN-No. 4000896+
2730-1	155	218400

4954 Brake fluid tester

- **Portable** (for everywhere use) – to be connected to battery, replaces a stationary installation
Operating voltage 12 V
- **Boiling point tester** – higher testing accuracy in comparison to other testing methods
- **Time saving** – fluid can remain in the fluid tank for most vehicles
- **Safe and environmentally sound**, since there is no fluid loss
- Accepted by vehicle manufacturers
- Also approved by TÜV Austria
- For **DOT 3 · DOT 4 · DOT 4+ · DOT 5 · DOT 5+ brake fluid**
- **Easy application** – one pushbutton
- No brake fluid selection necessary
- Warning in case of too low operating voltage
- Cable length: 2.2 m
- **Test in °C and °F** – temperature range: 320° C / 608° F
- **Quick diagnosis** – measuring duration: approx. 30 seconds
- Test container, syringe and operating instructions included in delivery
- Plastic box



HAZET No.	EAN-No. 4000896+
4954-2	229628



4956 Calliper gauge for brake discs

Made in Germany

• Spherical measuring areas

- Application: Measuring the thickness of the brake discs (wear/abrasion of the brake disc) – follow the instructions of the manufacturer –
- Fixing screw and sliding vernier (vernier 1/10)
- In leather case
- For passenger cars and motorcycles
- Measuring range up to 60 mm
- Jaw length 75 mm



HAZET No.	EAN-No. 4000896+
4956-1	073160

4956 Calliper gauge for brake discs / thickness gauge

• Measurement without wheel removal possible

- Effortless measurement on the vehicle as part of direct receptions in the presence of the customer
- Measuring range: 0 – 60 mm (also suitable for application on commercial vehicles)
- Easy to handle
- **Note:** Information on the wear limits – Please observe vehicle manufacturer's data

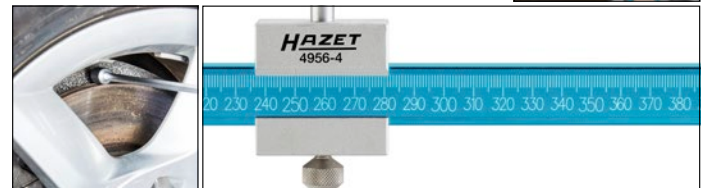
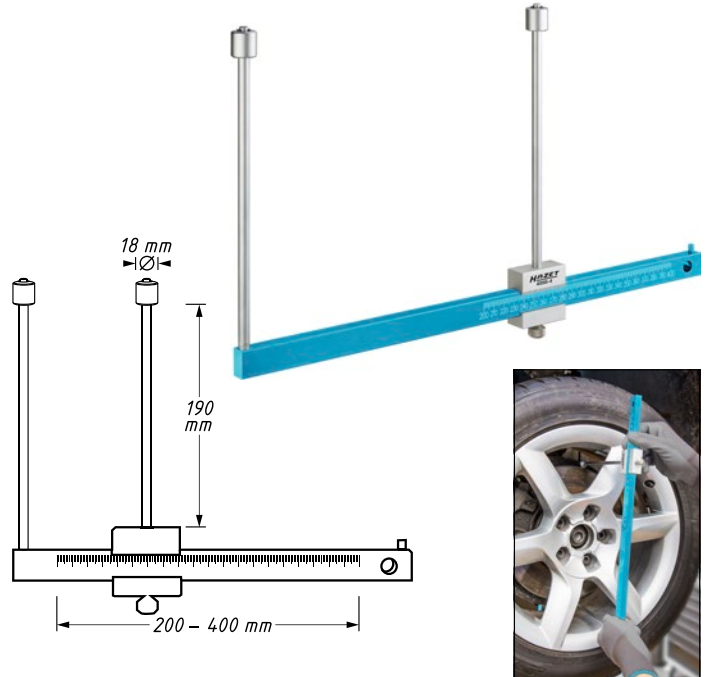


HAZET No.	<i>l</i> mm	EAN-No. 4000896+
4956-3	395	219032



4956 Calliper gauge for brake discs

- Application: Simple, quick determination of the brake disc diameter through wheel opening with removing the wheels
- Measuring range 200–400 mm
- Universal application



HAZET No.	EAN-No. 4000896+
4956-4	222339

4968 Brake test tool set

• Micrometer screw for exact determination of the thickness of the brake disc

- Application: Checking the lateral run-out of the brake disc
- Precision dial gauge for checking the lateral run-out
- Hinged bracket with magnetic base as mounting and for an exact positioning of the dial gauge on the vehicle
- Plastic box
- Soft foam insert



HAZET No.		EAN-No. 4000896+
4968/3	3	149179



Specialty Tools

Brakes



4968 Universal brake tool set

• All important tools in direct access



- Application: Disassembly/assembly and professional cleaning of brakes
- Plastic box
- Soft foam insert



751 K HS-3

8801 K • O • $\frac{10}{16}$
7

751 K HS-4

986 • O • $\frac{10}{16}$
9

748 LGB
748 Lg b-3
• 748 Lg b-4

986 LG • O • $\frac{10}{16}$
9 • 11

810 U-PH • $\frac{10}{16}$
PH 3

2584-8 • O • $\frac{10}{16}$
8

2784 • O • $\frac{10}{16}$
7

4968-2

2901 G • O • $\frac{10}{16}$
7

4968-6

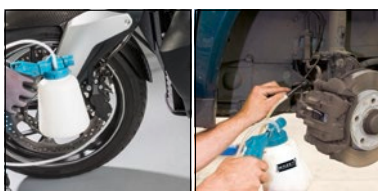
HAZET No.	Image	EAN-No. 4000896+
4968/14 A		221158

4969 Pneumatic brake bleeding set

• Brake bleeder for the extraction of brake fluid on wheel brake cylinders / brake callipers



- Also suitable for ABS brakes (Caution: **Always follow manufacturer's specifications**)
- By means of compressed air, the integrated Venturi system creates a vacuum, with which the brake system is bled
- Including universal plastic nozzle, suitable for all vehicles
- Clear transparent brake bleeding hose enables easy visual check
- Air consumption: 180 l/min / working pressure: 6 to 8 bar
- Including coupler plug, nominal size 7.2
- Contents:
 - 1 brake bleeding device (container capacity 0.75 l)
 - 1 refill container with fixed nozzle
 - 1 refill container with flexible nozzle (container capacity: 1 litre each)



HAZET No.	Image	EAN-No. 4000896+
4969-1/3		149445

4968 Hook set

- Application: Securely hanging dismantled components, e.g. brake callipers, avoids damage to brake hoses, lines etc.
- Universal application
- Hook \varnothing : 7 mm
- Surface: immersion-lacquered



HAZET No.	l mm	EAN-No. 4000896+
4968/2 H	190	221820

Product applications

- Brake piston readjusting sets
- Service → Tool Finder
- Brake piston readjusting sets

4970 Brake piston readjusting set

• Made in Germany



• With thrust bearing rotating to the left and right

- Application: Readjusting brake pistons on floating calliper systems with or without locking device for hand brakes
- Thrust bearing avoids damaging the dust boot
- With additional outside hexagon s 13 mm for flexible application of operating tools, e.g. ratchets
- Universal application – suitable for all common vehicle types
- Classification: → tool finder → brake piston readjusting sets
- The brake piston is operated (rotated) via the outside hexagon located directly on the relevant adapter. This ensures an optimum transfer of force
- Plastic box



HAZET No.	Image	EAN-No. 4000896+
4970/6		088867
4970/9		157464



4970 Basic unit

Made in Germany

• Application: Readjusting brake pistons on floating calliper systems with or without locking device for hand brakes

Basic unit

- Thrust bearing avoids damaging the dust boot
- With additional outside hexagon ≤ 13 mm for flexible application of operating tools, e.g. ratchets



HAZET No.	EAN-No. 4000896+
4970-1	088874

4970 Brake piston readjusting tool set · pneumatic

• **Universal application thanks to 3-piece adapter set. Optimisation of the HAZET basic unit 4970 P-1**

- Application: Readjusting brake pistons on floating calliper systems with or without locking device for hand brakes
- For clockwise and anti-clockwise brake pistons
- Largest possible recovery movement of the piston rod as far as into the housing – operation also when brake piston is extended far
- For smallest brake callipers **Mini** · **BMW 1 Series** to **BMW X7** (largest brake calliper at present)
- Pneumatic support together with swivelling rotary level allows effortlessly easy and quick resetting
- It is possible to simultaneously press and turn or only press the brake piston after the brake pads on disc brake systems have been replaced
- Included adapter set 4970P-02/3 ensures flexible intake for pressure plates of other manufacturers available on the market, e.g.:
 - Inside hexagon adapter ≤ 13 mm for HAZET pressure plates of product group 4970
 - 10 mm ($\frac{3}{8}$ ") outside square adapter to connect OEM special adapters e.g. all current **Mini** and **BMW** adapters · SW-Stahl
 - 2-pin adapter for among others VIGOR · SW-Stahl · KS-Tools · Facom · BGS · Kunzer
- Case with soft-foam insert and storage option for additional adapters
- Including operating instructions



12.91 (14) 9000-010 7.2



4970/5

4970 P-02/3

HAZET No.	EAN-No. 4000896+
4970 P-1/4	232970

Adapter set

- For adapting pressure plates from different manufactures to basic unit HAZET 4970 P-1:
- Inside hexagon adapter ≤ 13 mm for HAZET pressure plates of product group 4970
- 10 mm ($\frac{3}{8}$ ") outside square adapter to connect OEM special adapters e.g. all current **Mini** and **BMW** adapters · BMW 1 Series up to BMW X7 brake calliper (currently largest calliper)
- 2-pin adapter for among others VIGOR · SW-Stahl · KS-Tools · Facom · BGS · Kunzer

4970 P-02/3	3	234929
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4970 Brake piston readjusting tool set · pneumatic

HAZET No.	EAN-No. 4000896+
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Pressure plate set

- Universal application for numerous vehicles
- In conjunction e.g. with brake piston readjusting tool set 4970 P-1/4 and 4971-1
- Please consider manufacturer's data and brake calliper design
- **Pressure plate 4970-5** with 2 pins for:
 - AUDI · A4 · model year 2007→2015
 - CITROËN · Berlingo 5 · model year 2008→2018
 - FIAT · Bravo · model year 2007→2014
 - FORD · Kuga · model year 2008→2012 · Mondeo · model year 2007→2014 · Transit · model year 2006→2013
 - OPEL/VAUXHALL · Insignia · model year 2008→2017 · Zafira B · model year 2005→2014
 - PEUGEOT · 407 · model year 2004→2011 · 508 · model year 2010→2018
 - RENAULT · Trafic · model year 2001→2014
 - SEAT · Altea · model year 2004→2015
 - ŠKODA · Octavia · model year 2004→2012 · Roomster · model year 2006→2015
 - VOLKSWAGEN · T5 · model year 2003→2015 · Touran · model year 2003→2015
- **Pressure plate 4970-6** inside hexagon 12 mm
 - AUDI · VOLKSWAGEN
- **Pressure plate 4970-7** with 2 pins for:
 - FIAT · 500 · model year 2007→
 - MERCEDES-BENZ · Citan · model year 2012→
 - RENAULT · Kangoo · model year 2008→2013 · Modus · model year 2004→2012
- **Pressure plate 4970-8** with 2 pins for:
 - AUDI · CITROËN · VOLKSWAGEN
- **Pressure plate 4970-9** with 4 pins for:
 - MINI · Cooper · model year 2006→2016
 - SAAB

4970/5	5	235544
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4970 Components for 4970

Made in Germany

• Application: Readjusting brake pistons on floating calliper systems with or without locking device for hand brakes



HAZET No.	l mm	d ₁ mm	d ₂ mm	EAN-No. 4000896+
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- **Pressure plate with 2 pins for:**
 - AUDI · A4 · model year 2007→2015
 - CITROËN · Berlingo 5 · model year 2008→2018
 - FIAT · Bravo · model year 2007→2014
 - FORD · Kuga · model year 2008→2012 · Mondeo · model year 2007→2014 · Transit · model year 2006→2013
 - OPEL/VAUXHALL · Insignia · model year 2008→2017 · Zafira B · model year 2005→2014
 - PEUGEOT · 407 · model year 2004→2011 · 508 · model year 2010→2018
 - RENAULT · Trafic · model year 2001→2014
 - SEAT · Altea · model year 2004→2015
 - ŠKODA · Octavia · model year 2004→2012 · Roomster · model year 2006→2015
 - VOLKSWAGEN · T5 · model year 2003→2015 · Touran · model year 2003→2015

4970-5	29	35	5	052943
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- **Pressure plate** inside hexagon 12 mm
- **AUDI · VOLKSWAGEN**
- Please consider the brake calliper design

4970-6	–	30	–	052950
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Specialty Tools

Brakes



4970 Components for 4970

HAZET No.	l mm	d ₁ mm	d ₂ mm	EAN-No. 4000896+
<ul style="list-style-type: none"> • Pressure plate with 2 pins for: <ul style="list-style-type: none"> – FIAT · 500 · model year 2007→ – MERCEDES-BENZ · Citan · model year 2012→ – RENAULT · Kangoo · model year 2008→2013 · Modus · model year 2004→2012 				
4970-7	24	32	6	052967
<ul style="list-style-type: none"> • Pressure plate with 2 pins for: <ul style="list-style-type: none"> – AUDI · Please consider brake calliper design – CITROËN · Please consider brake calliper design – VOLKSWAGEN 				
4970-8	44	55	6	052974
<ul style="list-style-type: none"> • Pressure plate with 4 pins for: <ul style="list-style-type: none"> – MINI · Cooper · model year 2006→2016 – SAAB · Please consider brake calliper design 				
4970-9	22	30	5	052981
<ul style="list-style-type: none"> • Pressure plate with 2 pins for: FORD · Transit · model year 2006→2013 				
4970-10	20	35	6	126019
<ul style="list-style-type: none"> • Pressure plate with 2 pins for: FIAT · Panda · model year 2003→2012 				
4970-11	20	35	3	146581
<ul style="list-style-type: none"> • Pressure plate with 2 pins for: FORD · S-Max · model year 2006→2014 · rear wheel brake 				
4970-12	20	40	5	149766

4971 Brake piston readjusting tool

Made in Germany

• Fast and uniform readjusting without tilting

- Application: For damage-free readjusting of brake pistons (floating callipers / fixed callipers) on disc brakes
- For common vehicle types without integrated locking device for handbrakes
- Avoids damaging of the boots and pistons
- High accuracy as well as high stability allow continuous use
- Reduced expenditure of force due to exact guidings



HAZET No.	EAN-No. 4000896+
4971-1	156245

796 Brake spring pliers

Made in Germany

- Application: Installing and removing the brake shoe return spring on riveted brake linings
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
796	215	031818

797 Brake spring pliers

Made in Germany

• Moving claw

- Application: For **glued and riveted brake linings** (rear drum brakes)
- Surface: chrome-plated



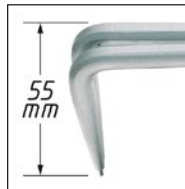
HAZET No.	l mm	EAN-No. 4000896+
797	317	031825

1846 B Circlip pliers

Made in Germany

• Long, 90° angled tips

- Application: Operating **low-lying** circlips e.g. on brake callipers and gearboxes
- Jaws curved 90°
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: chrome-plated



HAZET No.	l mm	mm	mm	EAN-No. 4000896+
1846 b-1.6	195	12-30	1.5	061457

4968 Hand brake cable spring pliers

Made in Germany

• Time saving thanks to fast, safe working

• Easy application

- Application: Disassembly and assembly of the **hand brake cable** on the brake shoes of drum brakes
- Opening spring and limit stop
- Functional areas hardened in the front
- Surface: tip burnished



HAZET No.	l mm	EAN-No. 4000896+
4968-4	227	084760



Chassis

Spring Vices / Shock Absorbers

Product applications

Safety spring vice database
 → Service → Tool Finder
 → Safety spring vice database

4900 Safety spring vice basic unit

Made in Germany



• **Installing and removing the coil spring when changing shock absorbers**
 Suitable for around 200 different vehicle types

- Application: Coil spring when changing shock absorber (please note safety spring vice classification table on the Internet or in the tool catalogue)
- **Maximum span 309 mm**
- **High capacity of 26000 N**
- **Suitable for impact operation**, e.g. HAZET 9012 EL-SPC or 9012 MT in conjunction with impact socket HAZET 900 S-27 or 900 S Lg-27
- Closed system – **maintenance-free**
- Variable system thanks to easily replaceable tensioning jaws
- **Location bar for machinist's vice**
- GS mark – tested safety
- Tempered cylindrical and guiding tube
- Forged and tempered tensioning jaws
- Also for spring strut with rebound spring in the shock absorber



4900 Safety spring vice set

Made in Germany

• **Suitable for impact wrenches**



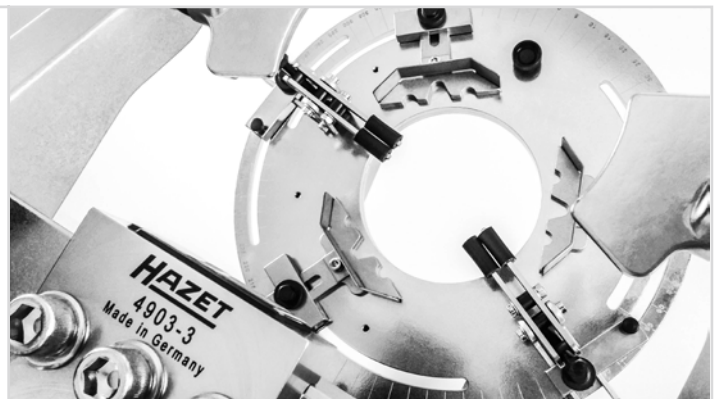
- Application: Installing and removing the coil spring when **replacing shock absorbers**
- Closed system - **maintenance-free**
- Variable system thanks to easily replaceable tensioning jaws
- Plastic inserts for the protection of the lacquered spring surfaces. This prevents spring damage due to corrosion
- **Location bar for machinist's vice**
- 4900-2 A also for spring strut with rebound spring in the shock absorber
- Maximum span: 309 mm
- **High capacity of 26000 N**
- GS mark – tested safety
- Tempered cylindrical and guiding tube
- Forged and tempered tensioning jaws



4900-2 A/3

HAZET No.	Ø mm	EAN-No. 4000896+
Safety spring vice basic unit		
4900-2 A	–	077267
• Replacement set for safety spring vice 4900-1 A und -2 A consisting of 2 straight pins and 1 O-ring		
4900-02 A/3	7	069415
• Replacement set for safety spring vice 4900-1 and 4900-2 consisting of 5 straight pins and 2 O-rings		
4900-02/7	6	063437

HAZET No.	□	EAN-No. 4000896+
• 1 basic unit and 2 tensioning jaws 4900-11		
• Suitable for around 50 different vehicle types		
4900-2 A/3	3	149483
• 1 Basic Appliance and 4 Tensioning Jaws (2x 4900-11 and 2x 4900-12) . Suitable for approx. 100 different vehicle types		
4900-2 A/5	5	086054





Specialty Tools

Chassis – Spring Vices / Shock Absorbers



4900 Tensioning jaw

Made in Germany

Application see classification table



HAZET No.	EAN-No. 4000896+
4900-10	059706
• Plastic insert for protection of the lacquered spring surfaces preventing coil damage due to corrosion	
4900-100	061136

Made in Germany

Application see classification table



HAZET No.	EAN-No. 4000896+
4900-11	059713
• Plastic insert for protection of the lacquered spring surfaces preventing coil damage due to corrosion	
4900-110	061143

Made in Germany

Application see classification table



HAZET No.	EAN-No. 4000896+
4900-12	059720
• Plastic insert for protection of the lacquered spring surfaces preventing coil damage due to corrosion	
4900-120	061150

Made in Germany

Application see classification table



HAZET No.	EAN-No. 4000896+
4900-13	059737

4900 Tensioning jaw

Made in Germany

Application see classification table



HAZET No.	EAN-No. 4000896+
4900-14 A	064649

Made in Germany

Application see classification table



HAZET No.	EAN-No. 4000896+
4900-15 A	121472

Made in Germany

Application see classification table



HAZET No.	EAN-No. 4000896+
4900-16	062164

Made in Germany

Application see classification table



HAZET No.	EAN-No. 4000896+
4900-17	062171

Made in Germany

Application see classification table



HAZET No.	EAN-No. 4000896+
4900-18	100378
• Plastic insert for protection of the lacquered spring surfaces preventing coil damage due to corrosion	
4900-180	074327



4900 Tensioning jaw

Made in Germany

Application see classification table



HAZET No.	EAN-No. 4000896+
4900-19	085842

Made in Germany

Application see classification table



HAZET No.	EAN-No. 4000896+
4900-22	062188

Made in Germany

Application see classification table



HAZET No.	EAN-No. 4000896+
4900-23	062195

Made in Germany

Application see classification table



HAZET No.	EAN-No. 4000896+
4900-24	062201

Spacer ring for the tensioning jaw 4900-24

• Especially advantageous if HAZET 4900-22 and -24 already exists

4900-243	162932
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4900 Tensioning jaw

Made in Germany

Application see classification table



HAZET No.	EAN-No. 4000896+
4900-25	121670

• For driver's cabin with steel springs **MERCEDES-BENZ** Actros (MP-1) 1996 → · Atego 1998 →

Made in Germany

Application see classification table



HAZET No.	EAN-No. 4000896+
4900-26	121687

• For driver's cabin with steel springs **MERCEDES-BENZ** Actros (MP-1) 1996 → · Atego 1998 →

Made in Germany

Application see classification table



HAZET No.	EAN-No. 4000896+
4900-30	100514

Made in Germany

Application see classification table



HAZET No.	EAN-No. 4000896+
4900-31	138036

• **Plastic insert** for protection of the lacquered spring surfaces preventing coil damage due to corrosion

4900-310	167715
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4900 Tensioning jaw

MADE IN GERMANY

Application see classification table



HAZET
No.

4900-33

EAN-No.
4000896+

138043

4900 Tensioning jaw

MADE IN GERMANY

Application see classification table



HAZET
No.

4900-35

EAN-No.
4000896+

121212

4900 MERCEDES-BENZ tensioning jaw set

MADE IN GERMANY

• With brake



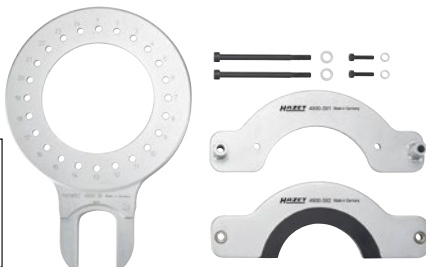
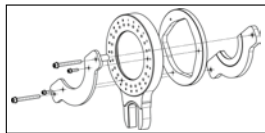
• Application: Operation of the coil springs of the front axle on **MERCEDES-BENZ**, type 204 (C-Class), type X 204 (GLK-Class), type 212 (E-Class with standard chassis) / type 212 (E-Class with sports chassis)

Application see classification table

• To be used together with HAZET Safety Spring Vice 4900-2A

• Safe positioning of the spring struts with pivot bearing

• To be used together with HAZET safety spring vice 4900-2 A, suitable tensioning jaw, e.g. 4900-17 and suitable centring insert (choose according to vehicle type). Note: Please follow the instructions of the manufacturer)



HAZET
No.

4900-39/11



11

EAN-No.
4000896+

167678

Centring Insert for MERCEDES-BENZ, type 204 (C-Class)

• Use with HAZET safety spring vice 4900-2 A, tensioning jaw 4900-17 as well as round tensioning jaw with brake 4900-39/11

4900-393

–

167722

Centring Insert for MERCEDES-BENZ, type X204 (GLK-Class)

• Use with HAZET safety spring vice 4900-2 A, tensioning jaw 4900-17 and plastic spring protection insert 4900-120 as well as round tensioning jaw with brake 4900-39/11

4900-394

–

167739

Centring insert for MERCEDES-BENZ, type 212 (E-Class) with standard chassis

• Use with HAZET safety spring vice 4900-2 A, tensioning jaw 4900-31 and plastic spring protection insert 4900-310 as well as round tensioning jaw with brake 4900-39/11

4900-395

–

167746

Centring Insert for MERCEDES-BENZ, type 212 (E-Class) with sports chassis

• Use with HAZET safety spring vice 4900-2 A, tensioning jaw 4900-17 as well as round tensioning jaw with brake 4900-39/11

4900-396

–

167753

**HAZET –
everything fits
well –
and your safety
is guaranteed!**





Classification examples:

Technical modifications of the vehicle manufacturers are subject to change without notice

* = no information available.

** = The instructions of the vehicle manufacturer must be observed at all times.
BMW prescription: Safety spring vices must be operated with hand tools only!




























































Type	Model year	Tensioning jaws		Plastic inserts/centring inserts	Tensioning jaws		Plastic inserts/centring inserts
ALFA ROMEO							
Alfa 147	2003	4900-11 (2x)			4900-11 (2x)		
Mito	2009	4900-11 (2x)			4900-11 (2x)		
AUDI							
A3	2000→	4900-11 (2x)		*	4900-10 (2x)		*
A5	2007→	4900-12 (2x)		*	*		*
BMW							
1 (E87) **: 116i / 118i / 120i / 118d / 120d	2004→	4900-22 24		4900-243	4902/6		-
3 (E46) ** 318ti compact	2001	4900-12 (2x)					
3 (E90) **: 320i / 325i / 330i / 320d saloon	2004→	4900-22 24		4900-243	4902/6		-
3 (E91) **: 320 / 325 / 330 / Touring	2005→	4900-22 24		4900-243	4902/6		-
3 (E92): 320 / 323 / 325 / 328 / 330 / 335	2005→	4900-22 24		4900-243			
3 (E93): 320 / 325 / 328 / 330 / 335	2006→	4900-22 24		4900-243			
5 (E60) **	2004→	4900-22 24		4900-220	*		*
5 (F10)	2010→2015	4900-35 (2x)			4900-35 (2x)		
i3 (I01) electrical	2013→	4900-35 (2x)			4900-35 (2x)		
i8 (I12) hybrid	2013→	4900-35 (2x)			4900-35 (2x)		
Mini Cooper	2001→	4900-11 (2x)			4900-10 11		
X3 (E83)	2006→	4900-31 33					
X5 (E70)	2006	4900-10 11		4900-100 110			
CITROËN							
C-Crosser	2007→2013	4900-11 (2x)					
C1	2005→2013	4900-11 (2x)			4900-11 (2x)		
Nemo	2008	4900-11 (2x)			4900-11 (2x)		
DACIA							
Logan 1.6i	2005→	4900-11 (2x)		*	*		*
FIAT							
500	2007→	4900-12 (2x)					
Doblò	2010	4900-11 (2x)			4900-11 (2x)		
Ducato	2006	4900-13 (2x)					
Grande Punto	2005→	4900-11 (2x)		*	4900-11 (2x)		*
Qubo	2009	4900-12 (2x)			4900-12 (2x)		
Stilo	2002	4900-11 (2x)		*	*		*
FORD							
C-Max	2006	4900-12 (2x)					



Specialty Tools

Chassis – Spring Vices / Shock Absorbers



 Type	 Model year	Tensioning jaws		Plastic inserts/centring inserts	Tensioning jaws		Plastic inserts/centring inserts
FORD							
Fiesta	2002→2005	4900-11 (2x)					
Fiesta	2005→2008	4900-11 (2x)					
Fiesta	2009→	4900-12 (2x)					
Focus	2004→2010	4900-12 (2x)			4900-10 (2x)		
Focus	2007	4900-12 (2x)					
Focus	2010→	4900-11 (2x)			4900-10 (2x)		
Fusion	2005	4900-11 (2x)					
Ka	1996→2008	4900-11 (2x)			4900-10 (2x)		
Mondeo	2000→2007	4900-12 (2x)			4900-11 (2x)		
Mondeo	2008→	4900-12 (2x)					
S-Max	2006	4900-11 (2x)					
MAZDA							
2 / DY	2003→2007	4900-11 (2x)					
6 / GY	2002→2007	4900-11 (2x)					
MERCEDES-BENZ							
A-Class, type 169	2004→	4900-17 (2x)		*	4900-35 (2x)		*
B-Class, type 245	2005	4900-17 (2x)			4900-35 (2x)		
C-Class, type 203	2000→	4900-17 18		4900-180	*		*
C-Class, type 204	2007→2015	4900-39/11 17		4900-393			
Citan, type 415	2012→	4900-17 (2x)		4900-120 (2x)	4900-17 (2x)		4900-120
E-Class, type 211 / type 219	2002→	4900-19 30		*	*		*
E-Class, type 212	2009→2016	4900-39/11 31		4900-395 310			
E-Class, type 212 sports chassis	2009→	4900-39/11 17		4900-396			
GLK-Class, type X204	2008→2015	4900-39/11 17		4900-394 120			
ML-Class, type 164	2005→	4900-35 (2x)		*	*		*
ML-Class, type 166	2011→2015	4900-35 (2x)					
SL-Class, type 231	2012→	4900-16 (2x)			4900-16 (2x)		
Vito, V-Class, type 639	2003→2014	4900-23 (2x)		4900-23 (2x)	*		*
OPEL							
Astra H	2004→2010	4900-12 (2x)		*	*		*
Astra J	2009→2012	4900-12 (2x)					
Corsa C	2000→2006	4900-11 (2x)					
Corsa D	2006	4900-11 (2x)			4900-10		
Meriva	2010→	4900-11 (2x)					
Vectra C	2002→2008	4900-12 (2x)		*	*		*
PEUGEOT							
307 SW	2002→2008	4900-11 (2x)			4900-12 (2x)		
Boxer	*	4900-13 (2x)		*	*		*
Partner	2006	4900-12 (2x)					
PORSCHE							
Boxster/Boxster S (Type 987)	2004	4900-15 A 22		*	4900-22 (2x)		*
Carrera 2 / 4 (Type 997)	2004	4900-15 A 22		*	4900-22 (2x)		*
Cayenne	2004→	4900-16 (2x)		*	4900-16 (2x)		*
Cayman	2006→	4900-15 A 22		*	4900-22 (2x)		*
RENAULT							
Clio 2	2001	4900-11 (2x)					



Type	Model year	Tensioning jaws		Plastic inserts/centring inserts	Tensioning jaws		Plastic inserts/centring inserts
RENAULT							
Clio 3 1.5 dci	2005	4900-12 (2x)		4900-120 (2x)	*		*
Espace 2	2004	4900-13 (2x)			4900-13 (2x)		
Espace 2.0 turbo	2003	4900-17 (2x)		*	*		*
Kangoo 1:5	2004	4900-15 A (2x)		*	*		*
Laguna 2.0 dci	2005→	4900-12 (2x)		*	4900-11 (2x)		*
Mégane 2 1.9dci	2003→2008	4900-12 (2x)		4900-120 (2x)	*		*
Mégane 3	2008→	4900-12 (2x)					
Modus 1.5dci	2005→	4900-12 (2x)		*	*		*
Scénic 1.5dci	2005→	4900-12 (2x)		4900-120 (2x)	*		*
Traffic	2005	4900-11 (2x)			4900-11 (2x)		
Twingo	2007→	4900-11 (2x)		*	*		*
SAAB							
93	2002	4900-12 (2x)			4900-12 (2x)		
SEAT							
Altea	2006	4900-11 (2x)					
Ibiza	2002	4900-11 (2x)		*	4900-10 (2x)		*
Ibiza	2006	4900-11 (2x)					
León	2002	4900-11 (2x)		*	4900-10 (2x)		*
ŠKODA							
Fabia	2001	4900-11 (2x)		*	*		*
Rapid	2012→	4900-11 (2x)					
Roomster	2007	4900-11 (2x)			4900-11 (2x)		
Superb	2002	4900-11 (2x)		*	*		*
Yeti	2009→2013	4900-11 (2x)					
SMART							
fortwo	2009	4900-10 (2x)					
SUZUKI							
Wagon R+	2000→2006	4900-10 (2x)		*	*		*
VOLKSWAGEN							
Amarok	2010	4900-11 (2x)					
Caddy	2006	4900-11 (2x)					
Golf 5	2003→2008	4900-11 (2x)					
Golf 6	2008→2012	4900-11 (2x)					
Lupo	2001	4900-11 (2x)					
Passat 3C	2010→	4900-11 (2x)			4900-10 (2x)		
Passat B5	1996→2005	4900-11 (2x)					
Passat B6	2005→2010	4900-11 (2x)					
Polo	2001→2009	4900-11 (2x)			4900-11 (2x)		
Polo 6R	2009→	4900-11 (2x)					
Polo 9N	2006	4900-11 (2x)					
Sharan	1995→2010	*			4900-12 (2x)		
Sharan	2010→				4900-10 (2x)		
T5 (Transporter)	2003→	4900-13 (2x)			4900-12 (2x)		
Tiguan	2008	4900-11 (2x)					
Touran	2003→	4900-11 (2x)			4900-10 (2x)		
Touran	2010→	4900-11 (2x)					



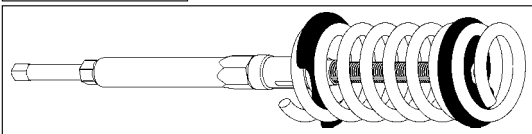
4902 Inside spring vice set

Made in Germany

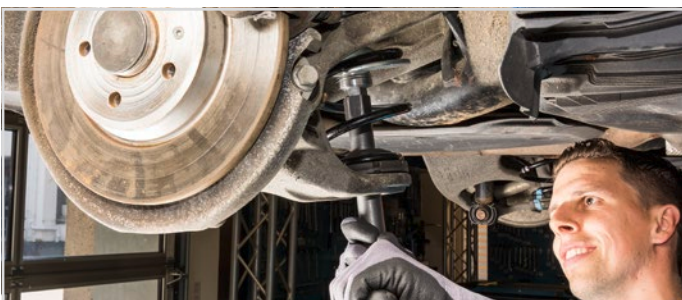
- Internal guidance of the tensioning jaws prevents the spring from sliding out
- Application: Installation and removal of the coil spring on the rear axle **AUDI** A4 with standard chassis
- Pendulum 6-point head provides a uniform distribution of power with the integrated twist protection
- Spindle operation possible on both sides
- Easy handling for just one user
- Removal of surrounding components and time consuming secondary work is avoided:
 - No axle components need to be removed
 - Axle alignment not necessary
- Disassembly and assembly in just 6 minutes per side – Money and time saving

AUDI

A4 (8K2, B8) 1.8 TFSI, model year 2008 → 2016 · 2.0 TDI, model year 2008 → 2016 · 2.0 TFSI, model year 2008 → 2016 · 2.7 TDI, model year 2007 → 2013
 A4 Avant (8K5, B8) 1.8 TFSI quattro, model year 2008 → 2016 · 1.8 TFSI, model year 2008 → 2016 · 2.0 TDI quattro, model year 2008 → 2016 · 2.0 TDI, model year 2008 → 2016 · 2.0 TFSI quattro, model year 2008 → 2016 · 2.0 TFSI quattro model year 2008 → 2012 · 3.2 FSI quattro model year 2008 → 2012
 A5 (8T-8F) model year 2007 → 2016
 A6 (C7) model year 2011 → 2018
 • Plastic box



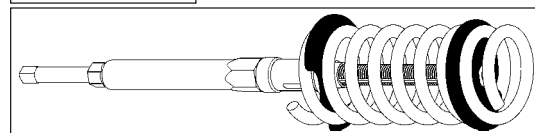
HAZET No.		EAN-No. 4000896+
• Inside spring vice set, contents: 4902-4 · 28 · 29 4902-224		
• Including operating instructions		
4902/4	4	219308
• Inside spring vice		
4902-4	–	219261
• Tensioning jaw		
4902-28	–	219278
4902-29	–	219285
• Tubular box wrench, size 24 mm		
4902-224	–	122660



4902 Inside spring vice set

Made in Germany

- Application: Installation and removal of the coil spring on the rear axle
- Optimally coordinated to the confined spaces in the following vehicles
- BMW**
- 1 Series
 - E87 Hatchback model year 2003 → 2011
 - E81 Hatchback model year 2006 → 2013
 - E82 Coupé 2006 → 2014
 - E88 Convertible model year 2007 → 2015
 - F20 · F21 model year 2011 → 2019
- 2 Series
 - F22 · F23 · F87 model year 2013 →
- 3 Series
 - E90 → Notchback model year 2004 → 2012
 - E91 → Touring model year 2004 → 2013
 - E92 → Coupé model year 2005 → 2013
 - E93 → Convertible model year 2005 → 2013
 - F30 · F31 · F34 · F35 · F80 model year 2011 → 2019
- 4 Series
 - F32 · F33 · F36 · F82 · F83 model year 2013 → 2020
- X1
 - E84 model year 2009 → 2015
- Pendulum 6-point head provides a uniform distribution of power with the integrated twist protection
- Internal guidance of the tensioning jaws prevents the spring from sliding out
- Both-sided spindle operation possible
- Plastic box



HAZET No.	l mm		EAN-No. 4000896+
• Inside spring vice set, contents: 4902-1 · 10 · 11 · 210 · 224 4910-1			
4902/6	–	6	121694
• Inside spring vice			
4902-1	–	–	122639
• Tensioning jaw			
4902-10	–	–	122646
4902-11	–	–	122653
• Tubular box wrench, size 10 mm			
4902-210	–	–	122677
• Tubular box wrench, size 24 mm			
4902-224	–	–	122660
• Reversible ratchet			
• Output 12-point 21 mm			
4910-1	275	–	062133



4903 Universal spring vice

Made in Germany

• Increased safety – thanks to load-free installation

- Can be used for almost any spring strut / shock absorber
- **Load-free disassembly / assembly with completely relieved shock absorber**

Innovative socket and installation concept

- Swivels in horizontal or vertical working position, HAZET recommends ergonomic working height: adjust vertically, operate horizontally
- Damage to shock absorbers and head plates impossible (no overload risk)
- Simple, lockable strut mount

High safety

- Consistently reliable mounting of head plates
- Thread damage to piston rod impossible
- Permanent fixation of spring throughout operation

Secured investment – by using existing components of SYSTEM 4900

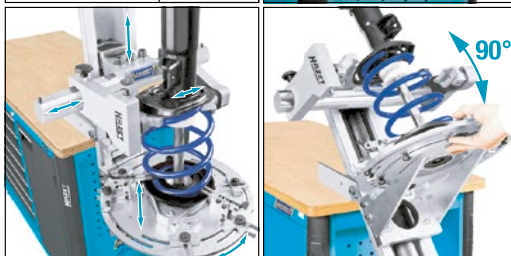
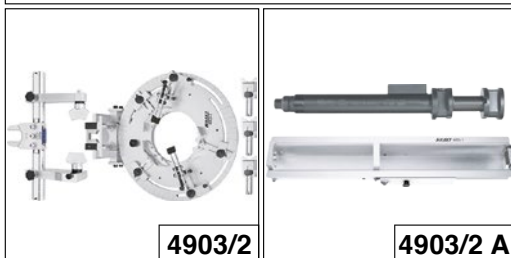
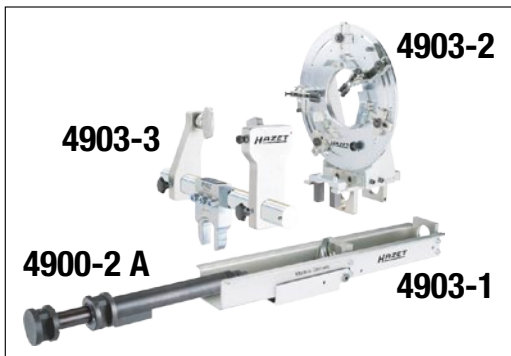
- Existing basic units 4900-2A and all tensioning jaws of System 4900 may be used
- Use of future applications is assured

Allows record keeping by scaling

- If recurring, significant time savings by scaling
- Firm fixation eliminates readjustment at the same spring strut (left / right)

4 steps to success:

1. Fix spring strut on clamping disc via gripper and brakes
2. Grip spring with universal tensioning jaw
3. Operate tensioning device with reversible ratchet, cordless screwdriver or air ratchet
4. Disassemble shock absorber without load and install new one (afterwards in reverse order)



HAZET No.		EAN-No. 4000896+
	• Basic support for the installation of the safety spring vice basic unit (including safety adapter)	
	• Perfect basic equipment if the basic unit 4900-2 A already exists	
4903-1	–	179824
	• By using the clamping disc and the universal tensioning jaw, the basic support 4903-1 or the set 4903/2 A becomes a completely stationary universal spring vice	
	• 2-piece set, contents:	
	• 4903-2 universal clamping disc, adjustable	
	• 4903-3 universal tensioning jaw (adjustable), safety adapter included	
4903/2	2	180530
	• The perfect starter kit for the installation and removal of MacPherson struts, given that the basic unit 4900-2 A does not exist yet	
	• 2-piece set, contents:	
	• 4900-2 A safety spring vice basic unit	
	• 4903-1 basic support	
4903/2 A	2	180547
	• Perfect choice, if the safety spring vice basic unit 4900-2 A already exists	
	• 3-piece set, contents:	
	• 4903-1 basic support	
	• 4903-2 universal clamping disc, adjustable	
	• 4903-3 universal tensioning jaw (adjustable), safety adapter included	
4903/3	3	180554
	• The perfect complete package	
	• 4 pieces, contents:	
	• 4900-2 A safety spring vice basic unit	
	• 4903-1 basic support	
	• 4903-2 universal clamping disc, adjustable	
	• 4903-3 universal tensioning jaw (adjustable), safety adapter included	
4903/4	4	180561
	• Universal clamping disc, adjustable	
4903-2	–	179831
	• Universal tensioning jaw, adjustable	
4903-3	–	179848
	Safety spring vice basic unit	
	• Coil spring when changing shock absorber (please note safety spring vice classification table on the Internet or in the tool catalogue)	
4900-2 A	–	077267
	• Replacement set for universal spring vice	
	4903-1 consisting of 2 straight pins and 1 O-ring	
4903-01/3	–	181704
	• Brake for 4903-1	
4903-04	–	226351



Specialty Tools

Chassis – Spring Vices / Shock Absorbers



4910 Shock absorber tool set

Made in Germany



- Application: Repair work at the strut e.g. shock absorber, strut mounting, coil spring
- Counterholder for piston rod when removing and installing the spring strut
- **Caution:** Follow vehicle manufacturer's specifications concerning torque values
- Application e.g. with torque wrench, e.g. HAZET 6291-1 CT together with insert box-end wrench 6630 d-21
Application of an impact wrench may damage the thrust bearing and the piston rod
- Shock absorber tool set, contents:
4910-1
4910-6 · 7 · 8
4910-16 · 17 · 18 · 19 · 21 · 22 · 24
4910-58 · 68



HAZET No.	L x W x H mm		EAN-No. 4000896+
4910/13	355x235x65	13	061495

4910 Reversible ratchet

Made in Germany



- Application: Repair work at the strut e.g. shock absorber, strut mounting, coil spring
- Reversible ratchet
- Output 12-point 21 mm



HAZET No.	l mm	EAN-No. 4000896+
4910-1	275	062133

4910 Socket · 6-point

Made in Germany



- Application: Repair work at the strut e.g. shock absorber, strut mounting, coil spring
- Retaining the piston rod when removing and installing the spring strut
- **Caution:** Follow vehicle manufacturer's specifications concerning torque values
- Drive s 21 mm



HAZET No.	S mm	l mm	EAN-No. 4000896+
4910-16	16	82	062010
4910-17	17	82	062027
4910-18	18	82	062034
4910-19	19	82	062041
4910-21	21	82	062058
4910-22	22	82	062065
4910-24	24	82	062072

4910 Counterholder for piston rod

Made in Germany



- Application: Repair work at the strut e.g. shock absorber, strut mounting, coil spring
- Drive with ball race



HAZET No.	S mm	l mm	EAN-No. 4000896+
• On e.g. BMW			
1 Series F20 · F21 model year 2011 →			
2 Series F22 · F23 · F45 · F46 model year 2013 →			
3 Series F30 · F31 · F34 · F35 model year 2011 →			
4 Series F32 · F33 · F36 model year 2013 →			
X1 F48 · F49 model year 2015			
4910-5	5	122.5	214549
4910-6	6	122.5	062089
4910-7	7	122.5	062096
4910-8	8	122.5	062102

Made in Germany



- Application: Repair work at the strut e.g. shock absorber, strut mounting, coil spring
- Drive with ball race



HAZET No.	S mm	l mm	EAN-No. 4000896+
4910-58	5x8	122.5	062119
4910-68	6x8	122.5	062126
• For PORSCHE Cayenne S · VW Touareg · Touran · Sharan			
4910-71	7.1x9.6	122.5	091195

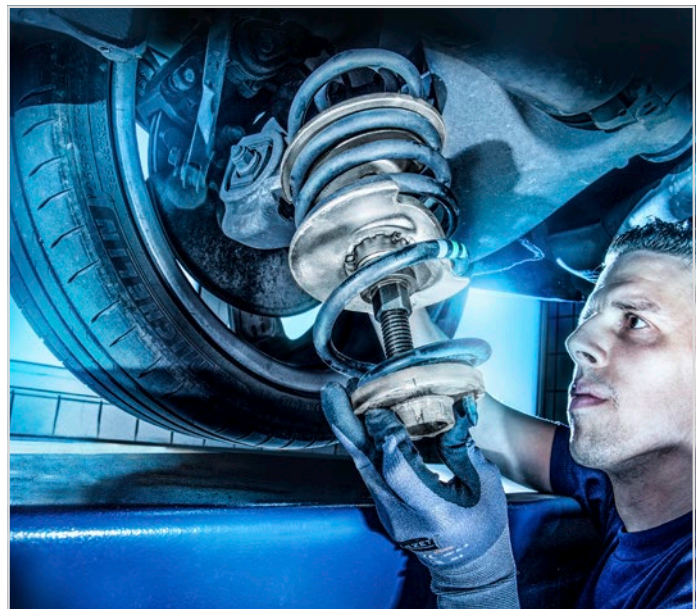
Made in Germany



- Application: Repair work at the strut e.g. shock absorber, strut mounting, coil spring
- Drive with ball race
- For **OPEL/VAUXHALL** Astra H · **MERCEDES-BENZ** C-Class (204) · E-Class (212) · E-Class Coupé (207)



HAZET No.	l mm	EAN-No. 4000896+
4910-T 50	122.5	120598



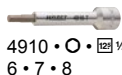


4915 Shock absorber tool set

- Application: For repair work at the spring strut e.g. shock absorber, spring strut bearing, coil spring
 - Retaining the piston rod when removing and installing the spring strut
 - **Caution:** Follow vehicle manufacturer's specifications concerning torque values – Application with torque wrench e.g. HAZET 6291-1 CT together with box-end insert tool 6630 d-21
- Application of an impact wrench may damage the thrust bearing and the piston rod



606 • 21



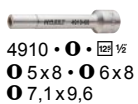
4910 • 6 • 7 • 8



4910 • T 50



4910 • 16 • 17 • 18 • 19 • 21 • 22 • 24

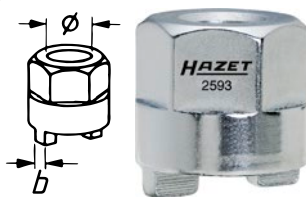


4910 • 5 x 8 • 6 x 8 • 7,1 x 9,6

HAZET No.	L x W x H mm	□	EAN-No. 4000896+
4915/15	355x235x65	15	179213

2593 Shock absorber crown wrench

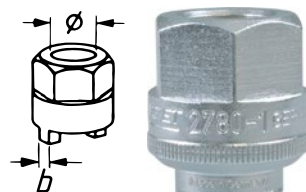
- **Made in Germany**
- Application: Operation of shock absorber screw connections (repairs) on VW, SEAT and AUDI vehicles (front axle)
- drive 22 mm, b = width of pins
- Surface: chrome-plated



HAZET No.	mm	∅ mm	b mm	EAN-No. 4000896+
2593-4	22	14.5	5	017263

2780 Shock absorber crown wrench

- **Made in Germany**
- Application: Operation of shock absorber screw connections (upper journal fitting) on MERCEDES-BENZ type 203 (C-Class since 2000)
- drive 22 mm, b = width of pins
- Surface: chrome-plated



HAZET No.	mm	∅ mm	b mm	EAN-No. 4000896+
2780-1	22	14.1	2.6	082858

2710 Camber adjustment specialty tool

- **Made in Germany**
- Specialty tool, tuned to the extremely hard-to-access shock absorber screw connection



- Application: Shock absorber screw connection for camber adjustment on MERCEDES-BENZ Sprinter, VW Crafter
 - Specialty tool enables:
 - Operation even with unfavourable spatial conditions on a measurement platform
- The necessary force transmission for screwing operation

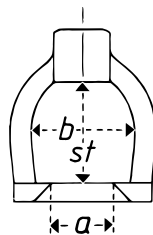


HAZET No.	EAN-No. 4000896+
2710-21	206414

Wheel Bearing / Wheel Hub

1779 Ball joint puller

- **Made in Germany**
- Application: Removing the ball joint pivots of steering tie rods, stabilizers, etc.
- a = Jaw opening
- Surface: galvanised

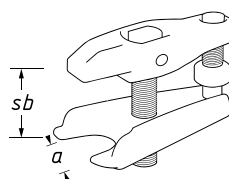


HAZET No.	a mm	b mm	st mm	EAN-No. 4000896+
1779-18	18	40	33	136001
1779-23	23	50	42	136018
1779-27	27	54	54	136025
1779-37	37	75	77	136032
1779-55	55	81.3	80	136407

• E.g. for commercial vehicles MAN · MERCEDES-BENZ etc.

1779 Universal ball joint puller

- **Made in Germany**
- Application: Removing the ball joint pivots (jaw opening 23 mm) of steering arms, steering tie rods, stabilizers etc. on the most common vehicles
- Great clamping range due to continuous vertical adjustment and turn-over of the lower part



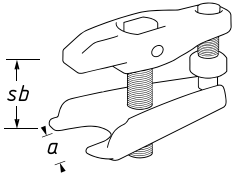
HAZET No.	a mm	sb mm	EAN-No. 4000896+
1779-1	23	65	135974



1779 Universal ball joint puller

Made in Germany

- Sturdy design and deep location groove enable a safe and universal application, e.g. for light commercial vehicles
- Application: Removing the **ball joint pivots** of steering arms, steering tie rods, stabilizers etc.
- For the most common vehicles

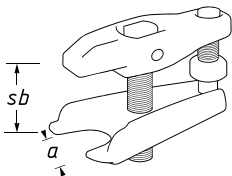


HAZET No.	a mm	sb mm	EAN-No. 4000896+
1779-3	32	85	135998

1779 Ball joint puller

Made in Germany

- Application: Removing the **ball joint pivots** of steering arms, steering tie rods, steering knuckles, stabilizers etc.
- Clamping range 50–80 mm
- Length of the jaw 35 mm

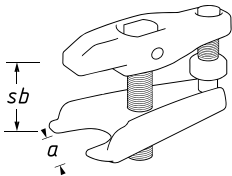


HAZET No.	a mm	sb mm	EAN-No. 4000896+
1779-22	20	50–80	141654

1790 Ball joint puller

Made in Germany

- Application: Removing **ball joint pivots on vehicles with multi-link axle** e.g. **AUDI A6 and A8, VW Passat, Golf**
- Surface: galvanised, passivated (free from Cr 6)



HAZET No.	a mm	sb mm	EAN-No. 4000896+
1790-4	30	65	145447

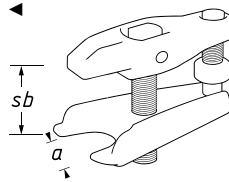
1790 Universal ball joint puller

Made in Germany

- Application: Removing the **ball joint pivots** of steering tie rods, stabilizers, etc.
For **FORD, BMW, Volvo, TOYOTA, OPEL/ VAUXHALL, VW, AUDI, RENAULT**
- Jaw opening 20 mm
- Clamping range (sb) in 2 stages
stage 1: up to 30 mm
stage 2: up to 50 mm



1790 Universal ball joint puller



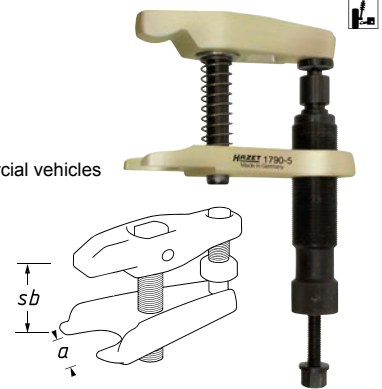
HAZET No.	a mm	sb mm	EAN-No. 4000896+
1790-7	20	12–50	148073

1790 Ball joint puller

Made in Germany

• Supported by hydraulic system

- Application: Safe removal of **ball joint pivots** and ball joints
- Surface: galvanised, yellow passivated (free from Cr 6)
- For passenger cars · vans · commercial vehicles
- Load maximum 12 tonnes



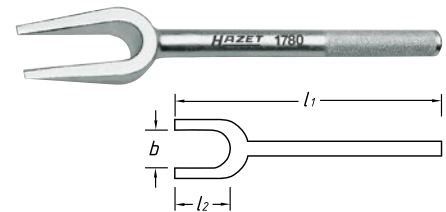
HAZET No.	a mm	sb mm	EAN-No. 4000896+
1790-5	32	70	145461

1780 Removal and assembly fork

Made in Germany

• Proven and economical system

- Application: Wedge-shaped fork end allows fast operation of push rod and steering tie rod ends, pitman arms and other parts of the steering
- Easy to handle
- Shock absorber removal and other separation work
- Application possible in confined spaces
- Sturdy forged design



HAZET No.	l ₁ mm	l ₂ mm	b mm	EAN-No. 4000896+
1780-18	340	80	18	133345
1780-23	340	80	23	133352
1780-29	350	80	29	133376

1781 Universal wheel hub puller

Made in Germany

- Sliding and interchangeable puller hooks
- With 5 puller hooks
- Surface: galvanised



HAZET No.	Max. t.	sb mm	Spindle	EAN-No. 4000896+
1781-5	10	115–225	G 3/4" x 200 mm	136049



2583 Wheel bearing tool

Made in Germany

- For the adjustment of torsion bars
 - Removal of wheel bearings on VW transporter T4
- Long design
- With knurling
- Surface: matt chrome-plated
- DIN 3124, ISO 2725-1

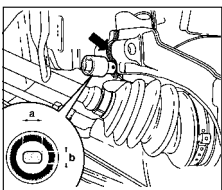


HAZET No.	S mm	l mm	EAN-No. 4000896+
2583	27	140	017034

4912 Spreader for wheel bearing housing

Made in Germany

- Application: Expansion of the spring strut and ball joint mounting (separating the spring strut from the wheel bearing housing)
- Drive with ball race



HAZET No.	S mm	l ₁ mm	l ₂ mm	EAN-No. 4000896+
• Application e.g. for VW Fox model year 2005 → · Polo model year 2002 → · New Beetle, Golf model years 1998 to 2004 · Tiguan model year 2008 → · Eos model year 2006 → · Passat model year 2006 → · Touran model year 2003 → · Caddy model year 2004 → · T5 model year 2004 → • AUDI A2 model year 2001 → · A3 model year 2004 → · A4 model years 2001 to 2008 · A5 model year 2008 → · A6 model year 2008 → · TT model year 2007 → • SEAT · ŠKODA • ⌀ 5.5x8 mm 4912-1 ⌀ 5.5x8 mm 10 48 156368				
• Application on e.g. RENAULT · PEUGEOT · CITROËN · VW Golf 7 · SEAT León 3 • ⌀ 5x7 mm 4912-2 ⌀ 5x7 mm 10 49 155804				
• Application e.g. for BMW · MINI • ⌀ 6x8 mm 4912-3 ⌀ 6x8 mm 10 49 217427				
• Application e.g. with MERCEDES-BENZ Sprinter, type 910 with front-wheel drive model year 2018 → • ⌀ 7.8x11 mm 4912-4 ⌀ 7.8x11 mm 10 50 222551				

4912 Camber adjustment tool set

• Suitable for **VW** Golf, Jetta, **SEAT** Toledo, etc.



- Enables camber adjustment by one person only
- Tool significantly reduces the time required for the operation
- Sturdy 6-point spindle with s 22 mm for easy application
- Span width: 135 – 175 mm

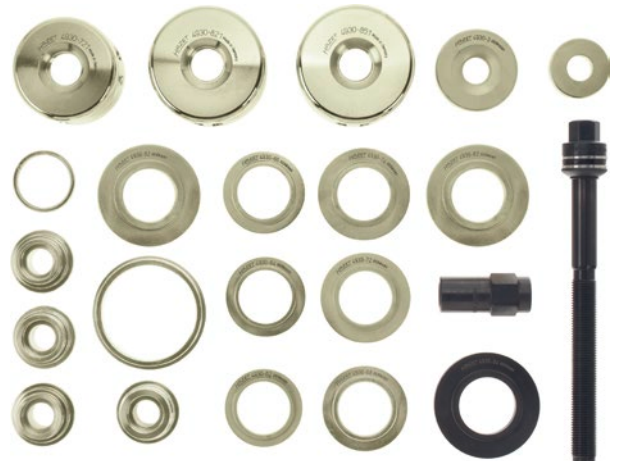


HAZET No.	Quantity	EAN-No. 4000896+
4912-3/2	2	166596

4930 Wheel bearing tool set

Made in Germany

- Wheel bearing tool set for mechanical and hydraulic operation
- Hydraulic operation together with the HAZET hollow piston cylinder 4932-17 and threaded spindle 4932-TR20
- Plastic box
- Soft foam insert, extendable
- Wheel bearing tool set, contents:
 - 4930-1 · 2 · 3 · 4 · 5 · 7
 - 4930-721 · 821 · 851
 - 4930-34x40 · 39x41 · 35x42 · 37x45
 - 4930-62 · 64 · 66 · 68 · 72 · 74 · 80 · 82 · 84



HAZET No.	Quantity	EAN-No. 4000896+
4930-1/22	22	164776

4930 Threaded spindle

Made in Germany

- TR20x2
- Including thrust bearing
- Hexagon drive s 22
- Loading capacity maximum 12 tonnes.



HAZET No.	l mm	EAN-No. 4000896+
4930-1	270	080755

4930 Spindle nut

Made in Germany

- Hexagon drive s 30



HAZET No.	EAN-No. 4000896+
4930-2	080762



4930 Spacer plate

Made in Germany



HAZET No.	EAN-No. 4000896+
4930-3	081158
4930-4	081141
4930-5	082834

4930 Reduction ring

Made in Germany



HAZET No.	EAN-No. 4000896+
• For VW Polo C and PEUGEOT 106 • Together with housing 4930-721	
4930-6	083633
• In conjunction with housing 4930-851	
4930-7	083640
• Inside \varnothing 45 mm in conjunction with 4930-8245	
4930-8	097890

4930 Centring disc

Made in Germany

- Installing the wheel bearing on AUDI A4 · A6



HAZET No.	EAN-No. 4000896+
4930-9	121465

4930 Centring sleeve

Made in Germany



HAZET No.	EAN-No. 4000896+
• For bearing inner \varnothing 34 / 40 mm	
4930-34x40	081042
• For bearing inner \varnothing 35 / 40 mm	
4930-35x40	081066
• For bearing inner \varnothing 35 / 42 mm	
4930-35x42	081035
• For bearing inner \varnothing 37 / 45 mm	
4930-37x45	081073

4930 Centring sleeve



HAZET No.	EAN-No. 4000896+
• For bearing inner \varnothing 39 / 41 mm	
4930-39x41	081028
• For bearing inner \varnothing 43 / 45 mm	
4930-43x45	097739

4930 Thrust washer

Made in Germany



HAZET No.	EAN-No. 4000896+
• For bearing outer \varnothing 62–64 mm	
4930-62	080854
• For bearing outer \varnothing 64–66 mm	
4930-64	080939
• For bearing outer \varnothing 66–68 mm	
4930-66	080946
• For bearing outer \varnothing 68–70 mm	
4930-68	080953
• For bearing outer \varnothing 72–74 mm	
4930-72	080960
• For bearing outer \varnothing 74–76 mm	
4930-74	080977
• For bearing outer \varnothing 80–82 mm	
4930-80	081004
• For bearing outer \varnothing 82–84 mm	
4930-82	080991
• Together with 4930-8 inner \varnothing 45 mm	
• For bearing outer \varnothing 82 mm	
4930-8245	097746
• For bearing outer \varnothing 84–85 mm	
4930-84	081448

4932 Hollow piston cylinder

Made in Germany



- Compact hydraulic cylinder with a capacity of 17 tonnes

- Working pressure: maximum 700 bar
- Convenient spring reset
- For threaded spindle 4932-TR20 and nut 4930-2
- Traction side: M 27 x 2, alternatively M 42 x 2, using the optional adapter
- Pressure side: 2-1/4" – 14 UNS
inside thread: TR 20, alternatively M20, using the optional adapter
- Stroke: 45 mm
- Outside \varnothing : 80 mm
- Cylinder height – retracted: 206 mm / extended: 251 mm
- Including coupling, protective cap and adapter 4932-M 20
- Weight: 5.5 kg



HAZET No.	EAN-No. 4000896+
4932-17	159741



4932 Threaded spindle

Made in Germany

- Threaded spindle with steel cable TR 20 (for hollow piston cylinder 4932-17 and nut 4930-2)



HAZET No.	l mm	EAN-No. 4000896+
4932-TR 20	546	159765

4934 Pressure plate

Made in Germany

- Together with hollow piston cylinder 4932-17
- Attaching the protective cover device 4934-7
- Thread inside: M 27 x 2



HAZET No.	Ø mm	EAN-No. 4000896+
• Hydraulic pressure plate for 4934-2572/12, -2562/6, -2566/6 using 4932-17		
4934-10	122	159932
• Hydraulic pressure plate for 4934-2585/12 when using 4932-17		
4934-8510	137	159628

4930 Housing

Made in Germany

- Thread inside: M 27 x 2



HAZET No.	EAN-No. 4000896+
• Housing Ø 72 mm for product group 4930 using 4932-17 with 4932-TR 20 and 4930-2	
4930-721	159598
• Housing Ø 82 mm for product group 4930 using 4932-17 with 4932-TR 20 and 4930-2	
4930-821	159604
• Housing Ø 85 mm for product group 4930 when using 4932-17 with 4932-TR 20 and 4930-2	
4930-851	159611

4932 Adapter for hollow piston cylinder 4932-17

Made in Germany



HAZET No.	EAN-No. 4000896+
Adapter for spindles with thread M 20	
• Increases compatibility of HAZET hollow piston cylinder with further threaded spindles and specialty tools	
• Also suitable for tools of other manufacturers	
4932-M 20	165681

4932 Adapter for hollow piston cylinder 4932-17

HAZET No.	EAN-No. 4000896+
Adapter for Klann hollow piston cylinder KL-0040-2500	
• Coupler thread for HAZET housings 4930-721 · -821 · -851 as well as pressure plates 4934-10 · -8510 · -7801	
• Coupler thread: M 27 x 2	
• Outside Ø: 80 mm	
4932-M 27 x 2	160037
Adapter for hollow piston cylinder HAZET 4932-17	
• Adapter with coupler thread for operating tools made by Klann	
• Coupler thread: M 42 x 2	
• Outside Ø: 80 mm	
• Enables working with the operating tool made by Klann for wheel bearing and silent block tools by using the HAZET hollow piston cylinder 4932-17	
4932-M 42 x 2	183432

4932 Air-hydraulic pump

Made in Germany

- With manometer and 1.8 metre hydraulic hose with coupling
- Working pressure: maximum 700 bar
- Air inlet thread: 12.91 mm (1/4")
- Hydraulic connection: 16.41 mm (5/8") – 18 NPTF
- Big pedal: pump, hold, release
- Tank made of sheet steel
- Filling capacity: 1500 cm³
- Useful capacity: 1000 cm³
- Dimensions: 260 x 140 x 186 mm



HAZET No.	EAN-No. 4000896+
4932 N-110	187393

4931 Inner bearing extractor set

Made in Germany

- For inner bearing rings that rest against the wheel hub
- Application: Extracting the inner bearing rings on the wheel hub when removing the wheel bearing
- Increased torque allows firm collet chuck tightening. Preventing from slipping-off the bearing ring
- Also suitable for types with ABS housing (in particular for permanently attached versions)
- For AUDI · BMW · FORD · MERCEDES-BENZ · PEUGEOT · RENAULT · TOYOTA · VW
- Spindle with motion screw thread allows high removal forces
- Torque arm for holding entire assembly in machinist's vice for optimal work
- 4 chucks (40 to 45 mm / 45 to 50 mm / 50 to 55 mm / 55 to 61 mm) covering all diameters from 40 to 61 mm
- Detailed, illustrated operating instructions
- Plastic box
- Soft foam insert



HAZET No.	Quantity	EAN-No. 4000896+
4931-1/8	8	155538



4934 Compact wheel hubs bearing unit tool set

Made in Germany

- Application: Installing and removing the **wheel hub bearing unit in built-in state**
- HAZET recommends NTN-SNR wheel bearings



HAZET No.		EAN-No. 4000896+
Supplementary set (66 mm Ø)		
Application: Vehicle types with a Ø 66 mm wheel bearing: VW Polo · ŠKODA Fabia Basic requirements: threaded spindle 4930-1, spindle nut 4930-2, as well as set 4934-2572/12		
• 6-piece set , contents: thrust washer 4934-6202, thrust washer 4934-6206, back-up ring 4934-6604, back-up ring 4934-6605, 2 cylinder screws		
4934-2566/6	6	150427
• Components (installation)		
• back-up ring 4934-6605, 2 cylinder screws		
4934-6605/3	3	150342

Made in Germany

- Application: Installing and removing the **wheel hub bearing unit in built-in state**
- HAZET recommends NTN-SNR wheel bearings
- Plastic box
- Soft foam insert, extendable



4934 Compact wheel hubs bearing unit tool set



HAZET No.		EAN-No. 4000896+
Special set (85 mm Ø)		
Application: Vehicle types with an Ø 85 mm wheel bearing: VW T5 · T6 (front and rear axle – rear axle only in conjunction with 4934-8507) and Touareg with 16 inch suspension Basic requirements: threaded spindle 4930-1, spindle nut 4930-2		
• Operating instructions with 3-dimensional illustrations		
• 12-piece set , contents: pressure plate 4934-8510, thrust washer 4934-7802, thrust washer 4934-8506, forcing bolt 4934-8503 (5x), back-up ring 4934-8504, back-up ring 4934-8505, 2 cylinder screws		
4934-2585/12	12	150434
• Components (installation)		
• back-up ring 4934-8505, 2 cylinder screws		
4934-8505/3	3	150380

4934 Adapter ring VW T5

Made in Germany

- **Installing** the wheel hub/wheel bearings at the **VW rear axle T5 · T6**
- Supplementing the compact wheel hub bearing unit tool set 4934-2585/12
- Especially for use together with thrust washer 4934-8506



HAZET No.		EAN-No. 4000896+
4934-8507		154913

4934 Protective cover

Made in Germany



HAZET No.		EAN-No. 4000896+
• For hydraulic operation of the HAZET Specialty Tools 4934-10 and 4934-8510		
• Consists of a mounting ring with plastic cover, 3 fastening screws and one additional cover		
4934-7		164783



Specialty Tools

Chassis – Wheel Bearing / Wheel Hub



Classification examples:



Technical modifications of the vehicle manufacturers are subject to change without notice

 Type	 Year of bearing installation	Note	Position	 Bearing	HAZET Wheel bearing tool set	NTN-SNR Reference wheel bearing tool set
AUDI						
A1	5/2010		Front axle	72 mm	4934-2572/12 & 4930-1 & 4930-2	R157.32
A2 1.4 i/1.6 FSI/1.4 Tdi (AU24)	6/2000	With Anti-Lock Braking System (ABS)	Front axle	72 mm	4934-2572/12 & 4930-1 & 4930-2	R157.32
A2 1.2 TDi (AU24)	3/2001		Front axle	62 mm	4934-2562/6 & 4930-1 & 4930-2 & 4934-2572/12	R154.52
SEAT						
Córdoba 4	9/2002 → 6/2005		Front axle	72 mm	4934-2572/12 & 4930-1 & 4930-2	R157.32
Córdoba 4 1.2 i/1.4 i/1.4 TDi/1.6 i/1.9 SDi/1.9 TDi	6/2005		Front axle	66 mm	4934-2566/6 & 4930-1 & 4930-2 & 4934-2572/12	R157.49
Córdoba 4 1.9 TDi 131PS (Engine ALZ,BLT)	6/2005		Front axle	72 mm	4934-2572/12 & 4930-1 & 4930-2	R157.32
Córdoba 4 2.0 i	6/2005		Front axle	72 mm	4934-2572/12 & 4930-1 & 4930-2	R157.32
Ibiza 3	9/2001 → 6/2005	Serial identification no. – 6L-6-000001	Front axle	72 mm	4934-2572/12 & 4930-1 & 4930-2	R157.32
Ibiza 3 1.2 12V/1.4 16V/1.4 TDi/1.6/1.9SDi	6/2005 → 11/2009		Front axle	66 mm	4934-2566/6 & 4930-1 & 4930-2 & 4934-2572/12	R157.49
Ibiza 3 1.9 TDi 100PS (Engine ATD)	5/2004 → 11/2009		Front axle	66 mm	4934-2566/6 & 4930-1 & 4930-2 & 4934-2572/12	R157.49
Ibiza 3 1.9 TDi 130PS (Engine ASZ)	6/2005 → 11/2009		Front axle	72 mm	4934-2572/12 & 4930-1 & 4930-2	R157.32
Ibiza 3 1.9 TDi Cupra 160PS (Engine BPX)	6/2005 → 11/2009		Front axle	72 mm	4934-2572/12 & 4930-1 & 4930-2	R157.32
Ibiza 3 2.0i/1.8 20V	6/2005 → 11/2009		Front axle	72 mm	4934-2572/12 & 4930-1 & 4930-2	R157.32
Ibiza 4	3/2008		Front axle	72 mm	4934-2572/12 & 4930-1 & 4930-2	R157.32
ŠKODA						
Fabia (6Y)	8/1999 → 7/2004	With power steering	Front axle	72 mm	4934-2572/12 & 4930-1 & 4930-2	R157.32
Fabia (6Y) [CZ]	8/1999 → 7/2002	Without power steering / speed nut serial identification no. – 6Y-2-366084	Front axle	66 mm	4934-2566/6 & 4930-1 & 4930-2 & 4934-2572/12	R178.05
Fabia (6Y) [CZ]	7/2002 → 7/2004	Without power steering / double hexagon head nut / serial identification no. 6Y-3-366085 -	Front axle	66 mm	4934-2566/6 & 4930-1 & 4930-2 & 4934-2572/12	R157.49
Fabia (6Y) [PL]	8/1999 → 9/2002	Without power steering / speed nut serial identification no. – 6Y-2X-028027	Front axle	66 mm	4934-2566/6 & 4930-1 & 4930-2 & 4934-2572/12	R178.05
Fabia (6Y) [PL]	9/2002 → 7/2004	Without power steering / double hexagon head nut / serial identification no. 6Y-2X-028028 -	Front axle	66 mm	4934-2566/6 & 4930-1 & 4930-2 & 4934-2572/12	R157.49
Fabia Facelift (6Y)	8/2004 → 12/2007	With power steering / with Anti-Lock Braking System (ABS) / wheel rims 14 inch	Front axle	72 mm	4934-2572/12 & 4930-1 & 4930-2	R157.32
Fabia Facelift (6Y)	8/2004 → 12/2007	Without power steering	Front axle	66 mm	4934-2566/6 & 4930-1 & 4930-2 & 4934-2572/12	R157.49
Fabia 2 (5J)	12/2006	With Anti-Lock Braking System (ABS)	Front axle	72 mm	4934-2572/12 & 4930-1 & 4930-2	R157.32
Fabia 2 Facelift	3/2010	Brake discs 256 mm	Front axle	72 mm	4934-2572/12 & 4930-1 & 4930-2	R157.32



Type	Year of bearing installation	Note	Position	Bearing	HAZET Wheel bearing tool set	NTN-SNR Reference wheel bearing tool set
ŠKODA						
Roomster	3/2006 → 3/2010	With Anti-Lock Braking System (ABS)	Front axle	72 mm	4934-2572/12 & 4930-1 & 4930-2	R157.32
Roomster Facelift 1.2 i/1.4 i/1.4 TDi/1.6 i/1.9 TDi	3/2010	Brake discs 256 mm	Front axle	72 mm	4934-2572/12 & 4930-1 & 4930-2	R157.32
VOLKSWAGEN						
Fox 1.2 i	11/2004	With Anti-Lock Braking System (ABS) / brake discs 239 mm	Front axle	66 mm	4934-2566/6 & 4930-1 & 4930-2 & 4934-2572/12	R157.49
Fox 1.2 i	11/2004	Brake discs 256 mm	Front axle	72 mm	4934-2572/12 & 4930-1 & 4930-2	R157.32
Fox 1.4 i	11/2004	With Anti-Lock Braking System (ABS)	Front axle	72 mm	4934-2572/12 & 4930-1 & 4930-2	R157.32
Fox 1.4 TDi	11/2004	With Anti-Lock Braking System (ABS)	Front axle	72 mm	4934-2572/12 & 4930-1 & 4930-2	R157.32
Lupo 1.2 TDi	5/1999 → 7/2005		Front axle	62 mm	4934-2562/6 & 4930-1 & 4930-2 & 4934-2572/12	R154.52
Polo 7 (9N) 1.2 i / 1.4 / 1.4FSi / 1.6	1/2002 → 10/2003	Without power steering	Front axle	66 mm	4934-2566/6 & 4930-1 & 4930-2 & 4934-2572/12	R157.49
Polo 7 (9N) 1.2 i / 1.4 / 1.4FSi / 1.6	11/2003 → 7/2004	With power steering	Front axle	72 mm	4934-2572/12 & 4930-1 & 4930-2	R157.32
Polo 7 (9N) 1.4 Tdi/1.9 Sdi/1.9 Tdi	11/2001 → 5/2005		Front axle	72 mm	4934-2572/12 & 4930-1 & 4930-2	R157.32
Polo 8 (9N) 1.2 i/1.4 i/1.4 FSi/1.4 16V/ 1.6	4/2005 → 7/2007	Without power steering	Front axle	66 mm	4934-2566/6 & 4930-1 & 4930-2 & 4934-2572/12	R157.49
Polo 8 (9N) 1.2 i/1.4 i/1.4 FSi/1.4 16V/ 1.6	4/2005 → 8/2007	With power steering	Front axle	72 mm	4934-2572/12 & 4930-1 & 4930-2	R157.32
Polo 8 (9N) 1.4 TDi/1.9 SDi/1.9 TDi	4/2005 → 8/2007		Front axle	72 mm	4934-2572/12 & 4930-1 & 4930-2	R157.32
Touareg 1 2.5 TDi	1/2003 → 10/2003		Front axle	85 mm	4934-2585/12 & 4930-1 & 4930-2	R154.58
Touareg 1 2.5 TDi	10/2003 → 11/2006		Front axle	85 mm	4934-2585/12 & 4930-1 & 4930-2	R154.62
Touareg 1	11/2002 → 11/2006	Wheel rims 16 inch / serial identification no. – 4,035,000	Rear axle	85 mm	4934-2585/12 & 4930-1 & 4930-2	R154.58
Touareg 1	11/2002 → 11/2006	Wheel rims 16 inch / serial identification no. 4,035,001 –	Rear axle	85 mm	4934-2585/12 & 4930-1 & 4930-2	R154.62
Touareg 1 FL	12/2006 → 5/2010	Wheel rims 16 inch	Rear axle	85 mm	4934-2585/12 & 4930-1 & 4930-2	R154.62
Transporter 7E/7F (T5)	9/2009		Front axle	85 mm	4934-2585/12 & 4930-1 & 4930-2	R154.62
Transporter 7E/7F (T5)	9/2009		Rear axle	85 mm	4934-8507 & 4930-1 & 4930-2 & 4934-2585/12	R154.58
Transporter 7J/7H (T5)	4/2003 → 8/2003		Front axle	85 mm	4934-2585/12 & 4930-1 & 4930-2	R154.58
Transporter 7J/7H (T5)	8/2003 → 11/2009		Front axle	85 mm	4934-2585/12 & 4930-1 & 4930-2	R154.62
Transporter 7J/7H (T5)	8/2003 → 11/2009		Rear axle	85 mm	4934-8507 & 4930-1 & 4930-2 & 4934-2585/12	R154.58



Specialty Tools

Chassis – Wheel Bearing / Wheel Hub



4935 Wheel hub / cardan shaft extractor set

Made in Germany

If using the optionally available HAZET Hollow Piston Cylinder 4932-17, even tight and stuck cardan shafts will not cause any problems

- Application: Mechanical removal of cardan shafts using the threaded spindle HAZET 4935-44-M 20
- Suitable for: ALFA ROMEO · AUDI · BMW · CITRÖEN · FIAT · LADA · LANCIA · MERCEDES-BENZ · OPEL / VAUXHALL · PEUGEOT · RENAULT · SAAB · SEAT · VW etc.



+ 4932-17



HAZET No.		EAN-No. 4000896+
• Wheel hubs / cardan shaft set, contents: 4935-40-M 12 · 4935-41-M 14 4935-44-M 20 · 4935-45-M 14 4935-42 · 4935-43		
4935-2/15	15	164479
• Tension bolt M12x 1.5		
4935-40-M 12	–	166749
• Tension bolt M14 x 1.5		
4935-41-M 14	–	166732
• Adapter 2.¼"-14UNS		
4935-43	–	166664
• Hexagon collar nut M 14		
4935-45-M 14	–	165612
• Bolt circle plate Ø 160 mm, for bolt circles Ø 90 to 130 mm		
4935-42	–	166657
• Threaded spindle 230 mm long		
4935-44-M 20	–	165629

4960 Wheel hub grinder

Prevents the falsification of the wheel bolt tightening torque originated by corrosion



- Application: Quick and easy removal of rust and dirt from contact surfaces of wheel hubs and brake discs with wheel bolt support
- Open-pored abrasive material and cup-formed grinding disc reduce the formation of dust to a minimum
- No formation of sparks
- 10 mm 3-point pin, e.g. for the use in (air) drills



4960 Wheel hub grinder



HAZET No.	Ø mm		EAN-No. 4000896+
For wheel hubs on passenger cars and transporters up to 200 mm Ø e.g. BMW · FIAT Ducato · MERCEDES-BENZ Sprinter, etc.			
• Wear-resistant: around 100 vehicles per wheel			
• Rotation speed maximum 1000 rpm			
• 3-piece set contents: 1 grinding pad, 2 grinding wheels Ø 200 mm			
4960-200/3	200	3	143290
• Hook and loop fastener for quick changing of grinding wheels			
• 2 spare grinding wheels Ø 200 mm			
4960-0200/2	200	2	143306

4960 F Wheel hub grinder

Prevents the falsification of the wheel bolt tightening torque originated by corrosion



- Application: For optimum cleaning of the contact surface on the inner rim
- 11 mm outside hexagon with 3 contact surfaces for attachment e.g. to pneumatic, cordless and corded drilling machines
- Centre hole guidance and integrated sander for cleaning the wheel centring
- Wear-resistant: around 100 vehicles per wheel
- Open-pored abrasive material and cup-formed grinding wheel reduce the formation of dust to a minimum
- No formation of sparks



4960 F-0160/3

HAZET No.		EAN-No. 4000896+
• Outer diameter up to 160 mm Ø		
• For wheel centring diameter: at least 51 mm		
• Rotation speed maximum 500 rpm		
• 2-piece set Contents: 1 base component 1 grinding wheel Ø 160 mm		
4960 F-160/2	2	218387
• 3 spare grinding wheels Ø 160 mm		
• For 4960 F-160/2		
• Hook and loop fastener for quick changing of grinding wheels		
4960 F-0160/3	3	218806



4960 R Wheel hub grinder

• Prevents the falsification of the wheel bolt tightening torque originated by corrosion



- Application: Quick and easy removal of rust and dirt from contact surfaces of wheel hubs and brake discs with wheel bolt support
- **11 mm outside hexagon with 3 contact surfaces for attachment e.g. to pneumatic, cordless and corded drilling machines**
- Wear-resistant: around 100 vehicles per wheel
- Open-pored abrasive material and cup-formed grinding wheel reduce the formation of dust to a minimum
- No formation of sparks



4960 R-0160/3

HAZET No. EAN-No. 4000896+

- For passenger car wheel hubs up to 160 mm \varnothing
- Inner diameter: 75 mm \varnothing
- Rotation speed maximum 500 rpm
- **4-piece set, contents:**
1 base component
3 grinding wheels \varnothing 160 mm

4960 R-160/4 4 218820

- **3 spare grinding wheels \varnothing 160 mm**
- For 4960 R-160/4
- Hook and loop fastener for quick changing of grinding wheels

4960 R-0160/3 3 218790

4960 V Wheel hub grinder

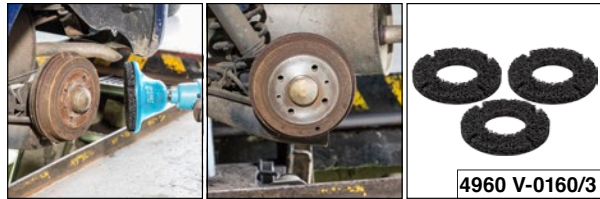
• Prevents the falsification of the wheel bolt tightening torque originated by corrosion



- Application: Quick and easy removal of rust and dirt from contact surfaces of wheel hubs and brake discs with wheel bolt support
- **With \square 12.5 mm (1/2 inch) inside square collet for attachment e.g. to pneumatic, cordless and corded impact wrenches**
- Wear-resistant: around 100 vehicles per wheel
- Open-pored abrasive material and cup-formed grinding wheel reduce the formation of dust to a minimum
- No formation of sparks
- Quick and safe application of the grinding pad due to tothing and hook and loop



4960 V Wheel hub grinder



4960 V-0160/3

HAZET No. EAN-No. 4000896+

- For passenger car wheel hubs up to 160 mm \varnothing
- Inner diameter: 75 mm \varnothing
- Rotation speed maximum 500 rpm
- **2-piece set Contents:**
1 base component
1 grinding wheel \varnothing 160 mm

4960 V-160/2 2 218394

- **3 spare grinding wheels \varnothing 160 mm**
- For 4960 V-160/2
- Hook and loop fastener for quick changing of grinding wheels

4960 V-0160/3 3 218813

4961 N Wheel hub grinder

Made in Germany



• Prevents the falsification of the wheel bolt tightening torque originated by corrosion

- Application: Quick and easy removal of rust and dirt from contact surfaces of wheel hubs and brake discs with wheel bolt support
- Open-pored abrasive material and cup-formed grinding disc reduce the formation of dust to a minimum
- No formation of sparks



4961 N
-023 M/5 -023 S/5

HAZET No. EAN-No. 4000896+

- Hexagon insert for firm hold on the device
- Special grinder for optimal cleaning of the bearing surface of a wheel rim (wheel hubs) on trucks and transporters with stud bolt
- **8-point profile** enables safe and firm fixation of the grinding wheel to the base component
- Inside \varnothing max.: 23 mm
- Grinding wheel - \varnothing : 56 mm
- Made in Germany (base component made of aluminium)
- **12-piece set, contents:**
1 base component made of aluminium
5 grinding wheels for moderate soiling
6 grinding wheels for heavy soiling

4961 N-23/12 12 186754

- Hook and loop fastener for quick changing of grinding wheels
- **5 spare grinding wheels for moderate soiling, outside**
 \varnothing 56 mm, maximum inside \varnothing 23 mm

4961 N-023 M/5 5 187270

- Hook and loop fastener for quick changing of grinding wheels
- **5 spare grinding wheels for heavy soiling, outside**
 \varnothing 56 mm, inside \varnothing maximum 23 mm

4961 N-023 S/5 5 187287



Silent Block

4925 Tool set for silent blocks

Made in Germany

• For VW, AUDI, SEAT, ŠKODA

- Application: Removal and installation of the silent blocks located in the operating panel on the wishbone of the front axle
- Working on built-in components
- Tool set spares from axle alignment
- M 12 x 1.75

VW Polo 9N model years 2002 → 2009 · Fox model year 2005 →

AUDI A2 model years 2000 → 2005

ŠKODA Fabia model years 2000 → 2004

SEAT Ibiza · Altea · Córdoba model years 2003 → 2005

• Tool set for silent blocks, contents: 4925-4 · 5 · 6 · 7 · 8 A



HAZET No.		EAN-No. 4000896+
4925-2501/5	5	159406

4925 Spindle set for hydraulic operation

Made in Germany

• For tool set for silent blocks 4925-2504/9 and supplementary set 4925-2504/2

- Together with hollow piston cylinder 4932-17 for the hydraulic installation and removal of **rubber-plastic bearings** and **rubber-metal silent blocks** on the rear axle VW Golf 4 · ŠKODA Octavia model year 1997 → · SEAT León · Toledo model year 2001 →
- Spindle M 12 x 1.5 maximum capacity 5 tonnes
- Spindle set for hydraulic operation, contents: 4925-27 · 29 (2x)



HAZET No.	l mm		EAN-No. 4000896+
4925-27/3	422	3	168002

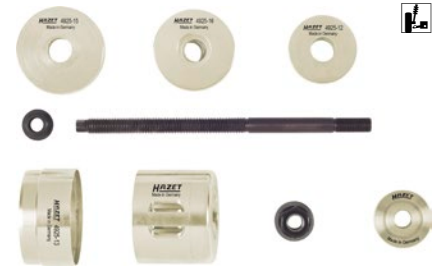


4925 Tool set for silent blocks

Made in Germany

• Application: Extracting and inserting silent block bushings on VW Transporter T5 rear axle

- TR14 x 2
- Tool set for silent blocks, contents: 4925-10 · 11 · 12 · 13 · 14 · 15 · 16 · 17 4930-721



HAZET No.	l mm		EAN-No. 4000896+
4925-2505/9	259	9	167920

Made in Germany

• Silent block replacement from the installed axle control arm/ longitudinal control arm, wheel bearing housing and lower/inside transverse control arm as well as from the upper steering tie rod and the upper transverse control arm, when removed from the vehicle

- For rear axle silent blocks in:
 - VW: Golf 5 Plus / Variant / 4Motion model year 2005 → 2012 · Jetta / Syncro model year 2006 → 2012 · Scirocco model year 2009 → 2012 · Beetle model year 2012 → · Eos model year 2006 → 2012 · Golf 6 · Touran · Tiguan · Passat
 - SEAT: Altea model year 2004 → 2012 · Altea XL · León model year 2006 → 2012 · Toledo model year 2005 → 2009
 - ŠKODA: Octavia · Superb · Yeti 2004 →
 - AUDI: A3 / S3 model year 2004 → 2012 · TT / TTS Coupé/ Roadster model year 2007 → 2012 · Q3
- Mechanical operation with spindle set 4929-1/3 (optional)
- Tool set for silent blocks, contents 4925-26 · 31 · 32 · 33 · 34 · 35 · 36 · 37 · 38 · 39 · 40 · 41 · 42 · 43 · 44 4930-721



HAZET No.		EAN-No. 4000896+
4925-2506/16	16	175246



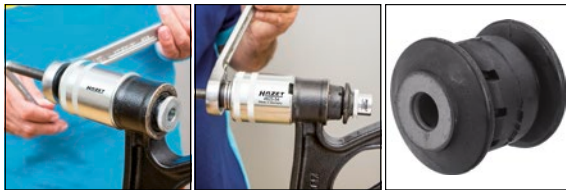
4925 Tool set for silent blocks

Made in Germany

• Allows installing / removing directly on the vehicle



- Application: Silent block installation and removal at the lower wishbone of the front axle
- **AUDI** A3 model years 2003→2012
- **SEAT** Alhambra model year 2010 · Altea model years 2004→2009 · León model years 2005→2012 · Toledo model years 2004→2009
- **ŠKODA** Octavia model years 2004→2010 · Superb model years 2008→
- **VW** Caddy model years 2004→2010 · Eos model years 2006→ · Golf 5/6 model years 2003→2012 · Jetta model years 2005→2010 · Passat model years 2005→2011 · Scirocco model years 2008→ · Touran model years 2003→2010 · Tiguan model years 2007→ · Sharan model years 2008→
- Pre-centring of the silent block allows damage-free installation
- No extensive installation at the workshop press necessary
- Easy operation with mechanical spindle HAZET 4929-1/3 (optional)
- Tool set for silent blocks, contents: 4925-54 · 55 · 56 · 57



HAZET No.		EAN-No. 4000896+
4925-2509/4	4	191116

4925 Tool set for double silent blocks

Made in Germany

• Removal and installation of the double silent block in the aggregate carrier



- **AUDI**: A3 · Q3, TT model year 2003 →
- **SEAT**: León · Altea · Alhambra model year 2004 →
- **ŠKODA**: Octavia · Superb, Yeti model year 2004 →
- **VW**: Caddy · Golf 5-6 · Jetta · Sharan · Scirocco · Eos · Touran · Tiguan model year 2003 →
- Operation with HAZET spindle set 4925-67/2 (optional)



HAZET No.		EAN-No. 4000896+
4925-2510/9	9	194926

4925 Spindle set

Made in Germany

• Motion screw thread at spindle and spindle nut cause high tractive and compressive output with little effort (torque)



- Application: Use with tool set for double silent blocks HAZET 4925-2510/9
- **2-piece set**: 4925-67 spindle TR 14 x 2 mm 4925-11 spindle nut with axial groove bearing



HAZET No.	l mm		EAN-No. 4000896+
4925-67/2	259	2	194940

4925 Adapter

Made in Germany

• Adapters for housing 4930-721



HAZET No.	EAN-No. 4000896+
4925-69	199365

4929 Spindle set

Made in Germany

- Operation of the tool sets for silent blocks 4925-2504/9 · -2506/16 · -2509/4 4929-2901/4 · -2902/3 · -2903/2 · -2904/4
- Motion screw thread at the spindle and axial groove bearing at the pressure piece cause high tractive and compressive output by low expenditure of force (torque)
- **3-piece set**, contents: 4929-1 spindle TR 12 x 1.5 4929-2 compression nut with axial bearing s 24 4929-3 hexagon nut



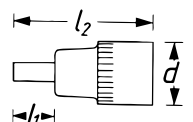
HAZET No.	l mm		EAN-No. 4000896+
4929-1/3	225	3	156900

Cardan Shafts

2584 Screwdriver socket

Made in Germany

- Application: Cardan shaft screw connection (s 6 mm)
- Long design
- With knurling
- DIN 3124, ISO 2725-1

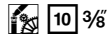


HAZET No.	s mm	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
2584	6	32	70	23	017041

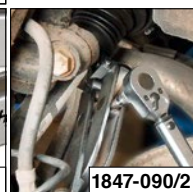
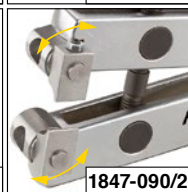
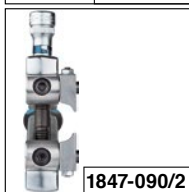
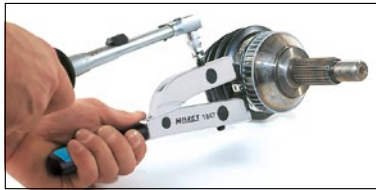


1847 Clamp pliers for axle boots

Made in Germany



- Application: Installing axle boots made of Hytrel and clamps made of special stainless steel with pre-set torque tightening values together with e.g. torque wrench HAZET 6110-1 CT
- For VW · AUDI · SEAT · ŠKODA · OPEL/VAUXHALL · FORD etc.
- Ergonomically shaped HAZET 2-component handle



HAZET No.	l / mm	EAN-No. 4000896+
1847	178	050918
• Pair of clamping jaws · for steering gear boots AUDI A4 · A5 · A6 · A7 · Q5 in conjunction with 1847 · for refitting		
1847-02/2	–	174447
• Pair of clamping jaws · angled 90° · for installation of high-grade steel straps / Hytrel axle boots that are difficult to access		
• "Movable" sockets enable the ear clamp to be clamped in parallel		
• Simple conversion of pliers 1847		
For 1847 · 1847/3		
1847-090/2	–	206711

1847 Pliers for axle boot clamps

Made in Germany



- Lug hold-down device

- Application: For passenger car axle boot clamps
- On e.g. VW · AUDI · OPEL/VAUXHALL · BMW · MERCEDES-BENZ · HONDA · NISSAN · MAZDA
- Surface: nickel-plated



HAZET No.	l / mm	EAN-No. 4000896+
1847-1	230	007004

1847 Clamp pliers

Made in Germany



- Application: Operation of progressively adjustable, earless clamps e.g. for axle boots on VW, AUDI, MERCEDES-BENZ and TOYOTA



HAZET No.	l / mm	EAN-No. 4000896+
1847-11	191	079520

1847 Circlip pliers

Made in Germany



- Application: For snap rings on outside lockrings, e.g. gearbox
- Jaws bent 90°, tips chequered
- For outside lockrings
- Surface: chrome-plated



HAZET No.	l / mm	EAN-No. 4000896+
1847-2	200	007011

Made in Germany



- Application: For snap rings on VW, AUDI, OPEL/VAUXHALL, FORD
- For homocinetic joint or drive shaft
- Jaws bent 10°, tips chequered
- For outside lockrings
- Surface: chrome-plated



HAZET No.	l / mm	EAN-No. 4000896+
1847-3	200	007028

Made in Germany



- Application: For circlips on exterior cardan shaft / bearing and gearbox for VW, AUDI, SEAT, ŠKODA, OPEL/VAUXHALL, FORD etc.
- Jaws bent 30°
- Surface: chrome-plated



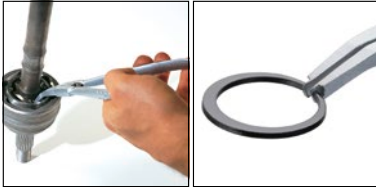
HAZET No.	l / mm	EAN-No. 4000896+
1847-6	200	050468



1847 Circlip pliers

Made in Germany

- Application: Operation of snap rings / circlips on flange and cardan shafts for **VW** e.g. T 4
- Jaws bent 30°
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
1847-61	200	058761

1847 Circlip pliers set

Made in Germany

- **Easy, damage-free assembly of the drive shaft joint: damage to the serration of joint and shaft is avoided with internal circlip during assembly of the drive shaft joint**



- Application: Correct, centred insertion of the circlip, e.g. when mounting the joint on the drive shaft
- Easy fixing of the locking pliers with the circlip
- The pliers automatically slip down when striking the joint
- Safe work without damage to the bellows
- For drive shafts from all manufacturers
- One-hand operation of the pliers
- No other tools needed

Application tip:

- Insert appropriate half shells (shaft diameter) in pliers
- Place pliers on serration with pre-assembled circlip and clamp
- Pre-positioning of the joint due to conical shape of the pliers makes it easier to introduce the serration without damage
- Suitable for almost all vehicles commonly registered in Europe
- SmartCase (1/3) 165-L
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



		1847-12	1847-124/2
		1847-121/2	1847-125/2
		1847-122/2	1847-126/2
		1847-123/2	1847-127/2



HAZET No.	L x W x H mm	■	EAN-No. 4000896+
1847-12/15	355x235x65	15	221288

1847 Components

Made in Germany



HAZET No.	EAN-No. 4000896+
Circlip pliers	
1847-12	222117
Half shell pair (∅ 19 mm)	
1847-121/2	221295
Half shell pair (∅ 21.4 mm)	
1847-122/2	221301
Half shell pair (∅ 22.3–23 mm)	
1847-123/2	221318
Half shell pair (∅ 23.8–24.6 mm)	
1847-124/2	221325
Half shell pair (∅ 26.2–26.9 mm)	
1847-125/2	221332
Half shell pair (∅ 28.5–29.2 mm)	
1847-126/2	221349
Half shell pair (∅ 30 mm)	
1847-127/2	221356

3047 Impact socket · 12-point

Made in Germany



- **Operating the 12-point cardan shaft screw connection ≤ 36 mm in the wheel hub**

- Considerably smaller outer diameter ∅ only 47 mm than conventional standard sockets
- Optimally suited to the given spaces in the wheel hub
- For **OPEL/VAUXHALL** Corsa D 2006→ · Adam 2012→ · Mokka 2012→ **CHEVROLET** Trax 2013→
Also for **BMW · SEAT** and **VW** vehicles
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-2



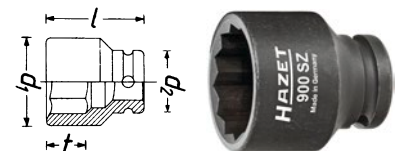
HAZET No.	s mm	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
3047-36	36	60	47	30	25	190683

900 SZ Impact socket · 12-point

Made in Germany



- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-2



HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
• Operation of the propeller shaft screws on VW Golf from model year 2004, Touran from model year 2004, Golf Plus from model year 2006, Eos from model year 2006, Scirocco from model year 2009, Tiguan from model year 2008, AUDI A3 from model year 2004, TT from model year 2007					
900 S Z-24	44	35	30	17.5	115556
• For axle shaft nuts on VW Golf 4, Polo, New Beetle, AUDI TT 1.8, ŠKODA Octavia, Superb, Fabia					
900 S Z-30	50	42	30	23.3	086573



Specialty Tools

Chassis – Cardan Shafts



900 SZ Impact socket · 12-point



HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
<ul style="list-style-type: none"> Operation of the cardan shaft screw connection in the wheel hub on VW Touareg from model year 2003 AUDI A4 from model year 2001, A6 from model year 2005, A8 from model year 2003, Q7 from model year 2007 					
900 S Z-32	50	44.5	30	22.2	115921
<ul style="list-style-type: none"> For axle shaft nut on <ul style="list-style-type: none"> – BMW 3 · 5 and 7 Series · Z3 · M3 · VW Polo model year 2001 → · SEAT Ibiza model year 2002 → – VW Golf Plus 1,9 TDi model year 2005 → · Polo 5 Wheel hub screw connection on the front axle RENAULT Twingo 3 and SMART (453) Fortwo / Forfour model year 2014 → 					
900 S Z-36	60	50	30	25	100132

990 LG Screwdriver socket

Made in Germany

- Application: Install and remove cardan shafts on **VW**, **AUDI** (XZN screw M 8)
- Long design
- With knurling
- Surface:
- DIN 3124, ISO 2725-1



HAZET No.	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
990 Lg-8	62	100	23	047352

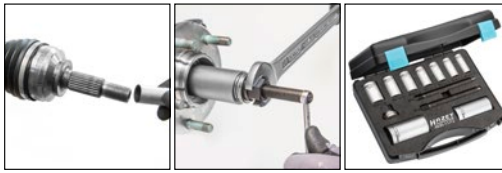
4935 Drive shaft disassembly / assembly set

Made in Germany

- Application: Disconnecting the drive shaft joint and pulling in the shaft through the wheel hub with just one tool
- Disconnecting the drive shaft joint from the shaft using the sleeves or spindles in conjunction with **HAZET sliding hammer 4797-1** (not included in delivery), for example
- Pulling in the drive shaft through the wheel hub on vehicles where the drive shaft is very difficult to pull through the wheel hub
- Suitable for all vehicle brands
- For drive shafts with outside and inside thread
- Contents (12-piece set):
 - 2 spindles (M14, M16)
 - for pulling the drive shaft through the wheel hub or for disconnecting the articulated joint from the shaft in case of articulated joints with inside thread
 - 2 sleeves for supporting on wheel hub
 - 1 spindle nut
 - 7 screw sleeve adapters
 - M 16x1.5 (**VAG**, **MAZDA**)
 - M 18x1.5 (**Volvo**, **SUZUKI**, **OPEL/VAUXHALL**)
 - M 20x1.5 (**MERCEDES-BENZ**, **VAG**, **MITSUBISHI**, **MAZDA**)
 - M 22x1.5 (**FIAT**, **PSA**, **BMW**, **FORD**, **OPEL/VAUXHALL**, **HYUNDAI**)
 - M 24x1.5 (**RENAULT**, **BMW**, **MERCEDES-BENZ**, **OPEL/VAUXHALL**, **MAZDA**, **HONDA**, **VAG**)
 - M 27x1.5 (**PSA**, **BMW**, **FORD**)
 - M 30x1.5 (**MERCEDES-BENZ**, **PSA**, **BMW**)



4935 Drive shaft disassembly / assembly set



HAZET No.	Quantity	EAN-No. 4000896+
4935-11/12	12	217434
Spindle nut for 4925-2505/9 · 4925-67/2 · 4927-2701/4 · 4935-11/12		
4925-11	–	168590
Spindle		
4935-111	–	217571
4935-112	–	217564
Extraction sleeve M 16x1.5 for AUDI · SEAT · ŠKODA · VOLKSWAGEN · MAZDA		
4935-1116	–	217588
Extraction sleeve M 18x1.5 for Volvo · SUZUKI · OPEL/VAUXHALL		
4935-1118	–	217601
Extraction sleeve M 20x1.5 for MERCEDES-BENZ · AUDI · SEAT · ŠKODA · VOLKSWAGEN · MITSUBISHI · MAZDA		
4935-1120	–	217618
Extraction sleeve M 22x1.5 for FIAT · PEUGEOT · CITROËN · BMW · FORD · OPEL/VAUXHALL · HYUNDAI		
4935-1122	–	217625
Extraction sleeve M 24x1.5 for RENAULT · BMW · MERCEDES-BENZ · OPEL/VAUXHALL · MAZDA · HONDA · AUDI · SEAT · ŠKODA · VOLKSWAGEN		
4935-1124	–	217632
Extraction sleeve M 27x1.5 for PEUGEOT · CITROËN · BMW · FORD		
4935-1127	–	217656
Extraction sleeve M 3x1.5 for MERCEDES-BENZ · PEUGEOT · CITROËN · BMW		
4935-1130	–	217663
Clamping sleeve		
4935-1139	–	217670
4935-1146	–	217687

900 SZ Impact socket set

Made in Germany

- Application: Operation of drive and cardan shaft screw connections,
 - e.g. ≤ 24 mm for **VW** Touran model year 2006 → and Passat C
 - ≤ 30 mm for axle shaft nut on **VW** Golf 4 · Polo and New-Beetle · **AUDI** TT 1.8 · **ŠKODA** Octavia · Superb · Fabia
 - ≤ 32 mm operation of the cardan shaft screw connection in the wheel hub on **VW** Touareg model year 2003 →
 - ≤ 36 mm for axle shaft nut on **BMW** 3 Series · 5 Series · 7 Series · Z3 · M3
 - VW** Polo model year 2001 → · Golf Plus 1.9 TDi model year 2005 → · **SEAT** Ibiza model year 2002 →
 - Wheel hub screw connection on the front axle **RENAULT** Twingo 3 · **SMART** (453) Fortwo / Forfour model year 2014 →
- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-1

900 SZ · · · ·
24 · 30 · 32 · 36

HAZET No.	Quantity	EAN-No. 4000896+
900 SZ/4	4	156375

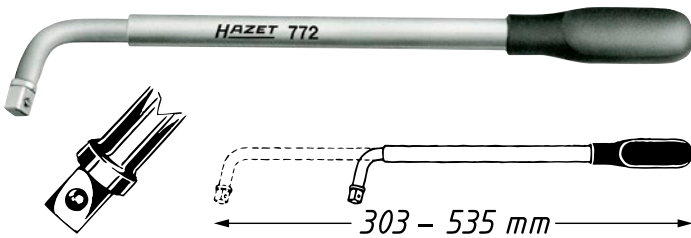


Wheels / Tyres

772 Telescopic wheel nut wrench

Made in Germany

- Solid telescopic part, drop forged
- For sockets of the series 900
- Surface: chrome-plated



HAZET No.	S mm	l ₁ mm	l ₂ mm	EAN-No. 4000896+
772	12.5 1/2	303	535	030897

665 Balance weight pliers

Made in Germany

- Application: Installing, removing and cutting **balance weights**
- Also for expanding and compressing the retaining springs
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
665	245	029204

Made in Germany

- Plastic head on the hammer side



- Application: Fastening, loosening and cutting off **balance weights**, as well as expanding and compressing the retaining springs
- Especially for **lacquered weights**
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
665-1	245	029228

705 Four-way rim wrench

Made in Germany

- For passenger cars, vans and people carriers
- Surface: chrome-plated
- DIN 3119, ISO 6788



HAZET No.	S mm	l mm	EAN-No. 4000896+
705 N	17x19x13/16x21	380	029389
• With ■ 12.5 = 1/2" for sockets of the 900 series			
705 V-02	17x19x22x12.5 1/2	380	029396

Made in Germany

- For passenger cars, vans and people carriers
- Surface: chrome-plated
- DIN 3119, ISO 6788
- Firmly secured sleeves to prevent scratches in the rim hole
- Coloured sleeves for quick recognition of wrench sizes
- All common wrench sizes in one
- With ■ 12.5 = 1/2" for sockets of the 900 series



HAZET No.	S mm	l mm	EAN-No. 4000896+
705 V	17x19x21x12.5 1/2	380	196388

650 Tyre lever

Made in Germany

- Double-T profile ensures high stability
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
• For motorcycles		
650-8	199	028672
• For passenger cars and vans		
650-12	303	028627
650-16	396	028634
650-20	500	028641
650-24	598	028658



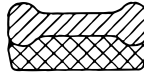
650 K Tyre lever

Made in Germany

- Screwed, replaceable plastic coating



- Application: Installing and removing tyres on steel and esp. on aluminium rims
- Surface: chrome-plated



HAZET No.	l mm	EAN-No. 4000896+
650 K-20	500	028696

650 RF Run-flat tyre lever

Made in Germany



- Optimised construction (reinforced, rounded, blunt edges) to prevent damage to the tyre casing
- Plastic protective sleeve prevents scratching of the rim and protects against slippage

- Application: Safe and damage-free installation, especially of run-flat and low profile tyres
- The reinforced tyre wall on run-flat tyres and low profile tyres is significantly more rigid than the casing of conventional tyres. Using a less than optimal lever leads to tyre damage.
- Set consisting of run-flat tyre lever 650 RF and plastic protective sleeve 650 RF-01



HAZET No.	l mm	EAN-No. 4000896+
650 RF/2	535	206896

652 Tyre lever

Made in Germany



- For commercial vehicles · agricultural and construction machinery
- Heavy design



HAZET No.	l mm	EAN-No. 4000896+
652	600	028702

653 Tyre lever

Made in Germany



- Especially for tubeless tyres
- Heavy design



HAZET No.	l mm	EAN-No. 4000896+
653	456	028719

666 Valve tool

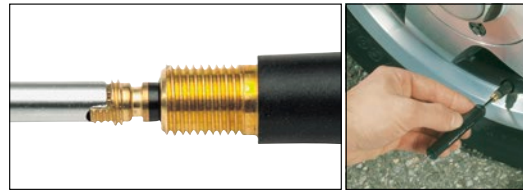
Made in Germany



- Application: For installing and removing tyre valve cores
- Pushing in the valve pin when deflating the tyre, e.g. on passenger cars, vans and commercial vehicles



666 Valve tool



HAZET No.	EAN-No. 4000896+
666-1	087136

666 Tyre tread depth gauge

Made in Germany



- Graduation in 0.1 mm steps for an exact determination of the tread depth

- Application: Measure tyre profile depth
- Glare-free reading
- Measuring depth 30 mm
- Lightweight and easy to handle
- Very robust – made of hard brass
- In practical storage case



HAZET No.	EAN-No. 4000896+
666-5	129164

666 Pliers for wheel nut caps

Made in Germany



- The pliers' jaw tips are specially shaped for the protection caps

- Application: Damage-free removal of the wheel bolt protection caps on aluminium rims
- On e.g. AUDI · VW · OPEL/VAUXHALL
- Surface: bright chrome-plated, handle with dip coating



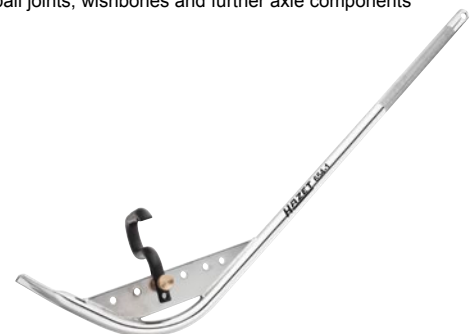
HAZET No.	l mm	EAN-No. 4000896+
666-10	160	110575

654 Universal axle lever

- Various application; pivoting and 6 position adjustment



- Application: Removal of ball joints, wishbones and further axle components



HAZET No.	EAN-No. 4000896+
654-1	161089



Electricity / Battery Service

Electrical Testing

2152 N Electronic set

• Torque tester for motor vehicle electricity and electronics



- Application: **Troubleshooting in electronic components**
- **3–48 V**
- Voltage display: LED 5 V · 12 V · 24 V · 48 V
- Polarity display: LED for positive or negative, AC voltage with illuminated LED
- Probe tip, needle with sliding mechanism,
- Additional: Crocodile clip and probe tip for attaching
- Cable length: 1300 mm



HAZET No.		EAN-No. 4000896+
	• Electronic set, 3 pieces, contents 2152 N · 2152 N-01 02	
2152 N/3	3	204151
Basic unit for HAZET electronic set 2152 N/3		
2152 N	–	204205
Crocodile clip for HAZET electronic set 2152 N/3		
2152 N-01	–	204199
Test tip for 2152 N/3		
2152 N-02	–	204182

2152 Electrical system multifunction torque tester

• **Made in Germany**



• LED display and integrated lighting

- Application: For testing electrical components, e.g. electrical fuel pumps, relays, lamps, window lift motors, etc.
- Especially for the workshop area (motorcycles, passenger cars, commercial vehicles, boats)
- 12–24 Volt
- 6 m cable and integrated lighting
- Short circuit proof 7.5 A
- **Optimal lighting of the inspection area**
- **Several acoustical signals**
- **Immediate checking of polarity due to LED-display red/green**
- Detects bonding defaults
- Continuity test: e.g. relays, safety fuse, switches, wiring, etc.
- Self-testing function



HAZET No.	EAN-No. 4000896+
2152-5	144440

2153 Car light tester

• **Made in Germany**



- Probe tip (10 mm long) and protection cap
- Cable with crocodile clip
- 6–24 Volt
- Tester with soffit

Not to be used on vehicles with electronic components. For vehicles with electronic components see HAZET 2152/3



HAZET No.	l mm	EAN-No. 4000896+
2153	120	013111

Battery Service

4650 Battery filler

• **Made in Germany**



HAZET No.	l mm	EAN-No. 4000896+
4650-0	256	022007

4650 Acid tester

• **Made in Germany**



• **Aerometer**

- Application: Checking the acid content of the battery fluid
- Solid plastic housing – significantly reduced risk of breakage compared to glass enclosures



4650 Acid tester



HAZET No.	l mm	EAN-No. 4000896+
4650-1	280	022014

4650 Special tool for battery plugs

• **Special length allows universal application in areas with restricted access**



- Application: Screwing battery plugs in and out
- Profile is especially suitable for battery plugs
- Plastic T-handle
- Surface: chrome-plated



HAZET No.	l mm	± mm	b mm	EAN-No. 4000896+
4650-3	95	1.7	14.5	102051



Specialty Tools

Electricity / Battery Service – Contacts / Plug connections



4650 Battery pole and terminal brush

Made in Germany

- Application: Cleaning the terminal posts and clamps
- With protection cap



HAZET No.	l / mm	EAN-No. 4000896+
4650-4	120	022038

4650 Battery cell tester

Made in Germany

- Measuring range 6 and 12 volt for application on passenger cars and motorcycles



- Application: Fast diagnosis of the charging system and state of the battery

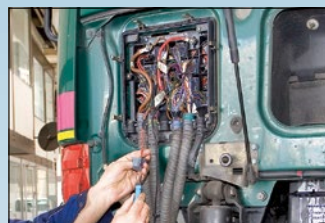
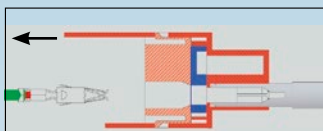
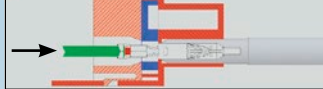
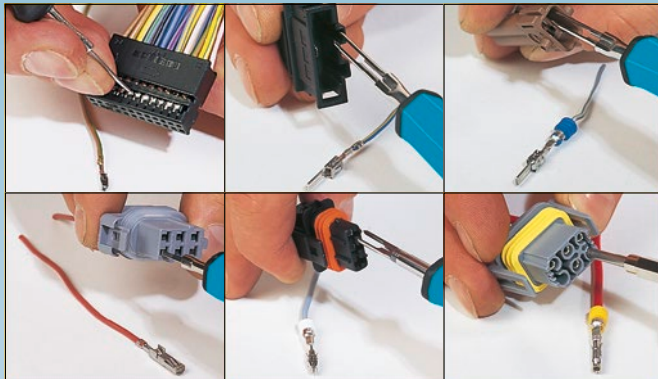


HAZET No.	l / mm	EAN-No. 4000896+
4650-5	333	022045

Contacts / Plug connections / Cable unlocking tool

SYSTEM cable release tool

- For professional working
- High ease of use
- Safe application
- OEM quality "Made in Germany"
- Malfunctions due to loose contacts can be remedied easily, quickly and professionally
- Universal application in the field of car electricity
- With sliding caps protecting the blades from damage and avoiding the risk of injury
- Application: For damage-free releasing of plug contacts, e.g. flat and round plug contacts



4670 SYSTEM cable release tool assortment

Made in Germany

- Application: For damage-free releasing of plug contacts, e.g. flat and round plug contacts
- **Basic set** for approx. 80% of all passenger car plug contacts



4671
4671-1 • 4671-2 • 4671-3

4672
4672-1 • 4672-2
4672-3 • 4672-4

4673
4673-1 • 4673-2 • 4673-3
4673-4 • 4673-5



HAZET No.	■	EAN-No. 4000896+
4670-1/12	12	132898

Made in Germany

- Application: For damage-free releasing of plug contacts, e.g. flat and round plug contacts
- **Supplementary set for VW – AUDI – SEAT – ŠKODA**



4671
4671-9 • 4671-10

4672
4672-11 • 4672-12 •
4672-13 • 4672-14
4672-15

4673
4673-12 • 4673-13

4674-4



HAZET No.	■	EAN-No. 4000896+
4670-4/10	10	135530



4670 SYSTEM cable release tool assortment

Made in Germany

• Application: For damage-free releasing of plug contacts, e.g. flat and round plug contacts



4671
4671-4 • 4671-5 • 4671-11

4672
4672-5 • 4672-6
4672-7 • 4672-16
4672-19 • 4672-20

4674
4674-1 • 4674-7 • 4674-8

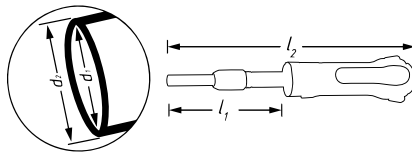


HAZET No.		EAN-No. 4000896+
4670-5/12	12	135646

4671 SYSTEM cable release tool

Made in Germany

• Application: Damage-free unlocking of round connector contacts



4671 SYSTEM cable release tool



HAZET No.	l_1 mm	l_2 mm	d_1 mm	d_2 mm	EAN-No. 4000896+
• ABS 4.0 mm round connector					
4671-1	73	158	6	6.5	135219
• 3.5 mm round connector system					
4671-2	51	136	4.1	4.7	135288
• 1.5 mm round connector system					
4671-3	62	147	2.9	3.3	135295
• 2.5 mm round connector					
4671-4	52.5	137.5	4	4.4	135394
• LKS 1.5 mm pin-side					
4671-5	61.5	146.5	2.8	3.6	135400
• LKS 1.5 mm bush-side					
4671-6	53	138	2.8	3.1	135417
• Release tool for round connector system 3.5 mm					
4671-9	52.5	137.5	4.2	5	135622
• Release tool for round connector system antenna contact					
4671-10	53.5	138.5	4.8	5.2	135639
• ABS mounting help					
4671-11	50.5	135.5	4	6.5	135653
• ABS bushing					
4671-15	-	-	-	-	135837
• Round connector system					
4671-16	57	142	2.9	3.5	135844

4672 SYSTEM cable release tool

Made in Germany

• Application: Damage-free unlocking of blade terminal contacts



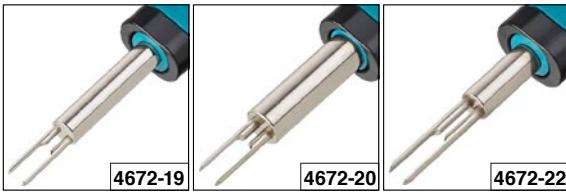


Specialty Tools

Electricity / Battery Service – Contacts / Plug connections



4672 SYSTEM cable release tool



HAZET No.	EAN-No. 4000896+
• Micro Timer II 4672-1	135042
• Maxi Power Timer 4672-2	135073
• Pit Pod / Faston 6.3 mm 4672-3	135097
• JPT / SPT 4672-4	135165
• MLK 1.2 mm 4672-5	135325
• SLK 2.8 mm P 4672-6	135356
• LSK 8 4672-7	135370
• MCP 1.5 mm / contact width 1.5 mm 4672-11	135561
• Flat connectors with 2 snap-in pins / contact width 4.8 mm (e.g. ISO-connector car radio) 4672-12	135578
• DCS 2 contact 4672-14	135592
• Flat connectors with 2 snap-in pins / contact width 2.8 mm 4672-15	135615
• E-95 4672-16	135677
• MCP 4.8 mm 4672-19	135714
• MCP 2.8 mm 4672-20	135738
• Ducon 9.5 4672-22	135813

4673 SYSTEM cable release tool

Made in Germany

• Application: Damage-free releasing of micro-standard timer, secondary locking and various lock catches



4673 SYSTEM cable release tool



HAZET No.	EAN-No. 4000896+
• Micro Standard 4673-1	134946
• Standard 2.72 mm 4673-2	134953
• Standard 1.48 mm 4673-3	134977
• Standard Timer 1.89 mm 4673-4	134991
• Release tool for secondary locking 4673-5	135301
• Additionally for single groove JPT contacts 4673-6	135332
• Secondary locking FCI 4673-8	135424
• Flat connectors with one lock catch (various contact widths) Yazaki 1.5 and 2.8 4673-12	135547
• Flat connectors with housing catch 4673-13	135554

4674 SYSTEM cable release tool

Made in Germany

• Application: Damage-free unlocking of diverse plug contacts



HAZET No.	EAN-No. 4000896+
• SLK 2.8 mm P · S 4674-1	135363
• Pin housing 5 to 7-pole 4674-8	135769
• MKS/MKR 1.5 4674-9	135806
• VKR contact 4674-10	135868



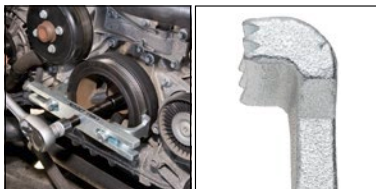
Alternator / Radio removal

1789 N Pulley extractor

Made in Germany



- Application: Removing **passenger car, SUV and transport vehicle pulleys**
- Extractor for pulleys **with thread holes**, operation with:
 - 1 crossbar, short, for pulleys 43–120 mm Ø
 - 1 crossbar, long, for pulleys 95–210 mm Ø
 - 3 exchangeable pressure pieces, serving as spindle extension
- Extractor for pulleys **without thread holes** (hook grip behind pulley), application with:
 - 1 crossbar, short, for pulleys 23–100 mm Ø
 - 1 crossbar, long, for pulleys 85–195 mm Ø
 - Puller hooks for a span depth up to 68 mm or extension up to 88 mm
- Extractor with **2 groove hooks** (fit into the grooves of the pulley, if gripping behind is not possible), application with:
 - 1 crossbar, short, for pulleys 80–140 mm Ø
 - 1 crossbar, long, for pulleys 135–235 mm Ø



HAZET No.	EAN-No. 4000896+
1789 N-1	158621

2592 V-(ribbed) belt pulley adapter

Made in Germany



- **Adapter with internal serration**
- Application: Installation or removal of the **V-(ribbed) belt pulley** at the generator, For e.g. VALEO, BOSCH etc. on **VW, AUDI, ŠKODA and SEAT**



HAZET No.	S mm	l mm	mm	EAN-No. 4000896+
2592	19.6	30	17	057443

4641 V-(ribbed) belt pulley tool

Made in Germany

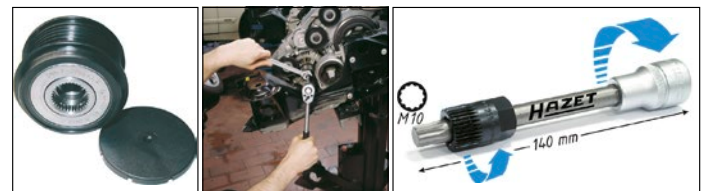


- Application: Installation or removal of the V-(ribbed) belt pulley at the generator (BOSCH)
- **VW · AUDI · ŠKODA · SEAT · PORSCHE · MERCEDES-BENZ · FORD · Volvo** etc.



2592 · Ø · 19.6

2751 · Ø · M 10



HAZET No.	l mm	mm	EAN-No. 4000896+
4641/2	140	2	081479

Made in Germany



- Application: Installing and removing the V-(ribbed) belt pulley at generators
- Assembly tool set for working on the built-in or dismantled generator
- Control of the screwing
- **TORX**® and XZN screwdriver sockets for different inside profiles
- The generator is locked with the respective screwdriver socket and the screwing of the belt pulley is operated with the adapter with internal serration
- Application on **VW · AUDI · ŠKODA · SEAT · PORSCHE · MERCEDES-BENZ · FORD · RENAULT · Volvo** etc.

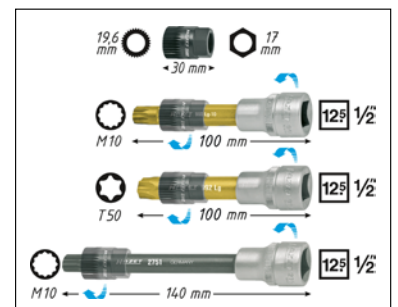


2592 · Ø · 19.6

990 LG · Ø · M 10

2751 · Ø · M 10

992 LG · Ø · T 50



HAZET No.	mm	EAN-No. 4000896+
4641/4	4	103157



Specialty Tools

Electricity / Battery Service – Alternator / Radio removal



4655 Radio dismantling tool

- All applications in one tool – no need to search the right tool
- Application: Installation and removal of car radios of numerous car and radio manufacturers
- VW · AUDI · FORD · BMW · MERCEDES-BENZ · PORSCHE · GM OPEL/VAUXHALL · ŠKODA · FIAT · LAND-ROVER · KENWOOD · SONY · CLARION · BLAUPUNKT and many others
- Very easy to handle
- Practical slide for separating both halves
- Many unlocking types in one compact tool



HAZET No.

4655-1

EAN-No. 4000896+

120666

HiPer

HIGH PERFORMANCE

THE ORIGINAL

MADE IN GERMANY

6.3 1/4
10 3/8
12.5 1/2
12.5 1/2



Body and Interior Equipment

Car Body Repair

For grip pliers see chapter Hand Tools / Pliers on page 209–210

0-1900 Tool assortment

Assortment for car body work
• For tool trolley *Assistant*



- | | | | |
|---|---|------------------|-------------------|
| 428 • 6 • 7 • 8 • 10 • 11 • 13 | 821-2 | 1927 | 1960-5 |
| 600 N • 8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 17 • 19 • 22 • 24 | 900 • 10 1/2 • 12 1/2 • 15 • 17 • 19 • 22 | 1929-1 | 1961 L-2 |
| 745-3 | 916 HP • 12 1/2 | 1930 | 1961 R-2 |
| 745 a-6 | 917-5 • 12 1/2 • 12 1/2 | 1931 | 1965/5 |
| 746-1 | 918-10 • 12 1/2 • 12 1/2 | 1934 | 2130 |
| 757-10 | 1810-250 | 1934-1 | 2140 |
| 760-2 | 1851-44 | 1934-4 | 2140-30 • 2140-50 |
| 799-3 | 1917 N | 1934 | 2143 |
| 801 NK • 1 x 5.5 | 1919 N | 1934-9 • 1934-10 | 2150 |
| 803 • 0.4 x 2.5 • 1 x 5.5 • 1.2 x 6.5 • 1.2 x 8 • 1.6 x 10 | 1920 N | 1937 K | 2165 |
| 803-PH • PH 1 • PH 2 • PH 3 | 1921 | 1940 | 2165-1 • 2165-2 |
| | 1922 | 1944-1950 | |
| | 1923 | 1950 | |

HAZET No.		EAN-No. 4000896+
0-1900/77	77	000241

1905 Body and fender tool set

Made in Germany



- For car body work
- Sheet metal box (HAZET-blue)
- Soft foam insert



- | | | | |
|--------|--------|------|--------|
| 1911 | 1928 K | 1934 | 1938 K |
| 1917 N | 1930 | 1935 | 1940 |
| 1919 N | 1931 | | |

HAZET No.	L x W x H mm		EAN-No. 4000896+
1905/10 N	759x305x115	10	007448

1911 Hand anvil

Made in Germany



- Roof wedge-shaped
- Length 137 mm, width 55 mm



HAZET No.	EAN-No. 4000896+
1911	007486

1917 N Hand anvil

Made in Germany



- Daimler Stöckle
- 110 x 50 mm, height 50 mm



HAZET No.	EAN-No. 4000896+
1917 N	007509

1918 N Hand anvil

Made in Germany



- Wedge-shaped
- 110 x 63 mm



HAZET No.	EAN-No. 4000896+
1918 N	007516



Specialty Tools

Body and Interior Equipment – Car Body Repair



1919 N Hand anvil

Made in Germany

- Toe-shaped
- 120x58 mm, height 20 mm



HAZET No.	EAN-No. 4000896+
1919 N	007523

1920 N Hand anvil

Made in Germany

- Universal
- 76x56 mm and 65x47 mm, height 60 mm



HAZET No.	EAN-No. 4000896+
1920 N	007530

1921 Hand anvil

Made in Germany

- All-sides ground
- Heel-shaped, flat/halfround
- 84 x 62 mm, height 34 mm



HAZET No.	EAN-No. 4000896+
1921	007554

1922 Hand anvil

Made in Germany

- "Diabolo" style
- 59x61 mm, height 59 mm



HAZET No.	EAN-No. 4000896+
1922	007561

1923 Box file

Made in Germany

- All sides with cut of a file
- Application: Body sheet planishing
- Work surface 162x37x27 mm



HAZET No.	EAN-No. 4000896+
1923	007578

1927 General purpose spoon

Made in Germany

- Work surface 52x150 mm



HAZET No.	l mm	EAN-No. 4000896+
1927	275	007691

1928 K General purpose spoon

Made in Germany

- Cut on one side
- Work surface 60x30x200 mm



HAZET No.	l mm	EAN-No. 4000896+
1928 K	385	007707

1929-1 General purpose spoon

Made in Germany

- Wide shape
- Offset and curved
- Work surface 170x50 mm



HAZET No.	l mm	EAN-No. 4000896+
1929-1	480	007721

1930 General purpose spoon

Made in Germany

- Wide shape
- Deep offset and heavily curved



HAZET No.	l mm	EAN-No. 4000896+
1930	455	007738

1930-1 General purpose spoon

Made in Germany

- Narrow shape
- Work surface 105x85x38 mm



HAZET No.	l mm	EAN-No. 4000896+
1930-1	315	007745

1931 Bending iron

Made in Germany

- With leather cap



HAZET No.	l mm	EAN-No. 4000896+
1931	410	007769



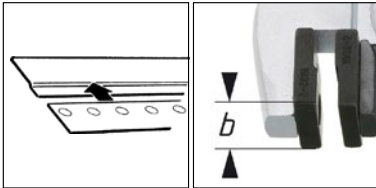
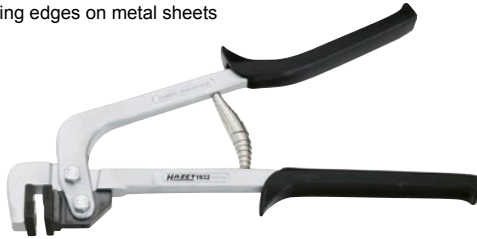
1932 Flange tool

Made in Germany

• Crimping capacity: 12 mm



- Application: Form crimping edges on metal sheets up to 1 mm thickness
- Plastic handle covers
- Surface: chrome-plated



HAZET No.	l mm	b mm	EAN-No. 4000896+
1932-1	300	15	007806
1932-2	300	30	007868

1964 Sheet metal punch

Made in Germany

• To be used with HAZET Flange Tool 1932



- Plastic handle covers
- Surface: chrome-plated



HAZET No.	l mm	Ø mm	EAN-No. 4000896+
1964-50	300	5	009039
1964-55	300	5.5	009077
1964-70	300	7	009121

1960 Car body sheet metal chisel

Made in Germany

• Forged design



- Application: Cutting sheet metal, welding spots, welding grooves etc.
- Hand guard (730 HS)
- Blade size: 7 x 26 mm
- Consistently hardened as per DIN (54-58 HRC)
- Impact head tempered as per DIN (38-46 HRC)
- Blades ground
- Regrinding without rehardening
- Surface: immersion-lacquered



HAZET No.	l mm	EAN-No. 4000896+
1960-5	240	008759

1961 Sheet metal profile snips

Made in Germany

- For figure cutting and short, straight cuts
- For sheet metal up to 1.8 mm, VA-steel sheets up to 1.2 mm
- With lever transmission system
- Shear head drop-forged, hardened and tempered
- Induction-hardened cutting edges with grind
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)



HAZET No.	l mm	EAN-No. 4000896+
• R = right hand cutting 1961 R-1	260	008803
• L = left hand cutting 1961 L-1	260	008780

Made in Germany

- For figure cutting and straight cuts
- With lever transmission system
- Shear head drop-forged, hardened and tempered
- Induction-hardened cutting edges with grind
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)

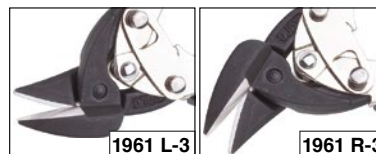


HAZET No.	l mm	EAN-No. 4000896+
• R = right hand cutting 1961 R-2	260	008810
• L = left hand cutting 1961 L-2	260	008797

• Compact design facilitates working in confined spaces and cutting the smallest of contours



- For figure cutting and straight cuts
- For sheet thickness up to 1.2 mm (600 N/mm²)
- Edge length 20 mm
- Lever transmission system for a minimum effort
- For especially small radii and working in areas with restricted access
- Shear head drop-forged
- Induction-hardened cutting edges with grind
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)



HAZET No.	l mm	EAN-No. 4000896+
• Left hand cutting 1961 L-3	180	176533
• Right hand cutting 1961 R-3	180	176540



Specialty Tools

Body and Interior Equipment – Car Body Repair



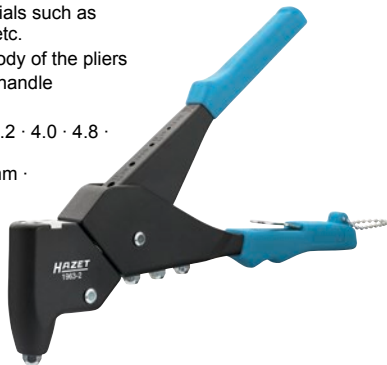
1963 Hand riveting tool

- For safe and fast rivet joints
- For **blind rivets** made of aluminium and steel, up to 5 mm Ø, stainless steel up to 4 mm Ø
- Rivet snaps off with little effort
- Nose pieces and key storage in the body of the pliers



HAZET No.	l mm	EAN-No. 4000896+
1963 N-1	255	187447

- **Flexible use due to 360° rotation rivet head**
- Application: Riveting various materials such as metal, aluminium, plastic, leather, etc.
- 4 replaceable nose pieces in the body of the pliers
- Easy to store assembly tool in the handle
- Patented rivet plug gauge
- For aluminium rivets Ø 2.4 · 3.0 · 3.2 · 4.0 · 4.8 · 5.0 mm · 3/32" · 1/8" · 5/32" · 3/16"
- Steel rivets Ø 2.4 · 3.0 · 3.2 · 4.0 mm · 3/32" · 1/8" · 5/32"
- Stainless steel rivets Ø 2.4 · 3.0 · 3.2 mm · 3/32" · 1/8"



HAZET No.	l mm	EAN-No. 4000896+
1963-2	290	232864

1934 Car body file holder

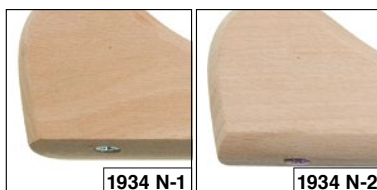
- **Made in Germany**
- Adjustable, with tightening screw
- With 1 file blade 1934-4
- For flat file blades HAZET 1934-1 up to -5



HAZET No.	l mm	EAN-No. 4000896+
1934	355	008018

1934 N Car body file holder

- **Made in Germany**
- Made of wood
- Without file blade



HAZET No.	l mm	EAN-No. 4000896+
1934 N-1	525	008155
1934 N-2	525	008179

1934 Car body file blade

- **Flat**
- **Milled, diagonal cut**
- Teeth (cut):
1 = coarse 1934-1
2 = medium 1934-2
3 = fine 1934-3
- For File Holders HAZET 1934 and 1934 N-1
- DIN 7264 form A



HAZET No.	l mm	EAN-No. 4000896+
1934-1	350	008025
1934-2	350	008063
1934-3	350	008070

- **Flat**
- **Milled, curved cut**
- Teeth (cut):
1 = coarse 1934-4
2 = medium 1934-5
- For File Holders HAZET 1934 and 1934 N-1
- DIN 7264 form A



HAZET No.	l mm	EAN-No. 4000896+
1934-4	350	008087
1934-5	350	008094

- **Half-round (hollow)**
- **Diagonal cut**
- Teeth (cut): 1 = coarse
- For File Holder HAZET 1934 N-2
- DIN 7264 form F

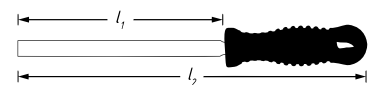


HAZET No.	l mm	EAN-No. 4000896+
1934-7	350	008100

1934 Car body file

- **Made in Germany**
- Heat the dents with a welding torch. Then work the dent with the file. Due to the special alloy – the heat is extracted when working the dent with the file and the dent is evened out.

- Cross cut
- Teeth (cut):
1 = coarse (1934-8)
3 = fine (1934-9)
- Cranked
- Plastic handle



HAZET No.	l ₁ mm	l ₂ mm	EAN-No. 4000896+
1934-8	350	430	008124
1934-9	350	430	008131
1934-10	350	430	008032



1935-1938 K Car body hammer

- Made in Germany**
- HICKORY handle



HAZET No.	l mm		EAN-No. 4000896+
• Bumping and planishing hammer			
• 154 mm			
• 2 round faces of different sizes			
1935	308	○ 40 ○ 30	008193
• Stretching and planishing hammer			
• 103 mm			
• Round faces, finely chequered, milled			
1937 K	305	□ 24 ○ 32	008209
• Stretching and planishing hammer			
• 96 mm			
• Round faces, finely chequered, milled			
1938 K	310	□ 35 ○ 40	008216

1940-1943 Car body hammer

- Made in Germany**
- HICKORY handle



HAZET No.	l mm		EAN-No. 4000896+
• Planishing and embossing hammer			
• 160 mm			
• Round face and ball			
1940	309	○ 40 ○ 17	008230
• Planishing and cross-peen hammer			
• 135 mm			
• Round face and curved, sharp pin			
1943	309	○ 40 — 15	008261

1944-1950 Car body hammer

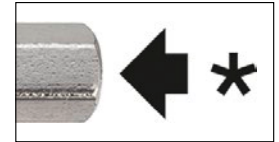
- Made in Germany**
- HICKORY handle



HAZET No.	l mm		EAN-No. 4000896+
• Bumping and picking hammer			
• 165 mm			
• Rounded face and straight calibration pin			
1944	325	○ 41 ○ 10	008278
• Aluminium hammer			
• Flat, half-round			
1950	310	○ 30	008339

1967 Welding spot drill

- Made in Germany**
- Application: Exact welding spot reaming in sheet metal fabrication
- Fits power drills of all types
- 7 mm hexagon shank prevents slippage in drill chuck
- Replaceable cutting crown (right-hand thread) made of high-speed steel (oiled)
- Cutting crown for use at both ends
- With screw for gauge depth adjustment (*)



HAZET No.	l mm	Ø mm	EAN-No. 4000896+
1967	70	11	009312

1967 Welding spot drill

- Made in Germany**
- Self-cutting centring tip resharpenable



- Application: Exact reaming of welding spots
- High performance, high-speed steel, blued



HAZET No.	l mm	Ø mm	EAN-No. 4000896+
1967-70	74	7	009343
1967-80	79	8	009350
1967-90	79	9	009367

1959 Special bumping mallet

- Made in Germany**
- Permanently plastic filler for non-damaging work without striation



- Application: Attaching decorative strips, working on roof rails as well as seat installing, upholstery
- Assembly tool for materials that are susceptible to scratching





Specialty Tools

Body and Interior Equipment – Car Body Repair



1959 Special bumping mallet



HAZET No.	l mm	EAN-No. 4000896+
• Rubber body 70 x 70 mm 1959-2	260	102259
• Handle adjustable by 90° • Rubber body 70 x 140 mm 1959-3	280	008728
• Handle adjustable by 90° • White rubber body 70 x 140 mm 1959-4	280	127221

1965 Wedge

Made in Germany



- Application: Working with hot-tinned surfaces
- Beech wood



HAZET No.	l mm	EAN-No. 4000896+
1965/5	5	009220

1965 Wedge

Made in Germany



- Application: For car body work, e.g. for loosening decorative strips, covers, graphics, etc. without damage
- Plastic



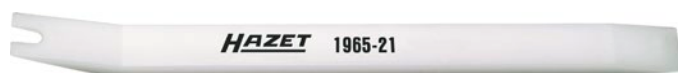
HAZET No.	l mm	h mm	b mm	EAN-No. 4000896+
1965-20	190	25	25	009183

1965 Combination lever

- **Avoids damage to lacquered surfaces, plastic and metal parts**



- Application: Quick and easy loosening of the decorative strips and door panels
- Operation of plugs and plastic clips
- Removal of protection caps and covers



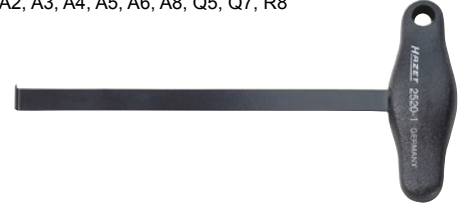
HAZET No.	l mm	b mm	EAN-No. 4000896+
1965-21	270	22	087839

2520 Puller hook

Made in Germany



- Application: **For removing the front grille** of the VW Transporter
- Steel hook angled 30°, 12 mm wide
- Removal of e.g. the additional light, interior lining, interior lighting shade, etc.
VW Golf since model year 2004, **Golf Plus** since model year 2005→, **Jetta** since model year 2006→, **Crafter** since model year 2006→, **Tiguan** since model year 2008→, **Passat** since model year 2006→, **Scirocco** since model year 2009→, **AUDI A2, A3, A4, A5, A6, A8, Q5, Q7, R8**
- Plastic T-handle



HAZET No.	l mm	EAN-No. 4000896+
2520-1	215	075218

799 Lever for removing door panels

Made in Germany



- **Protective coating**
- Application: Removing **fixing plugs** from door panels
- Jaw opening 28 mm



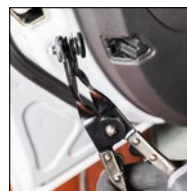
HAZET No.	l mm	EAN-No. 4000896+
799-3	268	031993

799 Pliers for removing door panels

Made in Germany



- **Protective coating**
- Application: Removing the fixing plugs on **door panels**, decorative strips and bumper rubber strips



HAZET No.	l mm	EAN-No. 4000896+
799-4	230	032013

799 Lever for removing door panels

Made in Germany



- **Protective coating**
- Application: Removing the fixing plugs on door panels
- **VW Sharan · Touareg · Touran · Phaeton**
SEAT Alhambra
FORD Galaxy
- Lever function provides optimal power transmission for removal
- Plastic handle

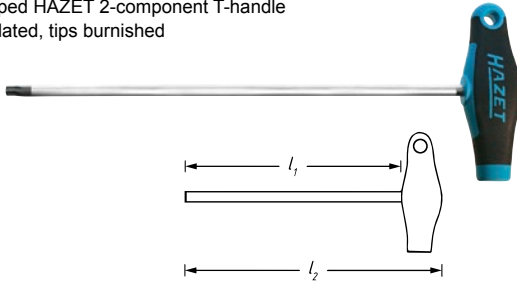


HAZET No.	l mm	EAN-No. 4000896+
799-6	260	110346



828 LG-T Screwdriver with T-handle

- Application: Installation and removal **door handle** on **MERCEDES-BENZ** type 168 · type 169 (A-Class) · type 245 (B-Class) · type 203 (C-Class) · type 204 (C-Class) · type 212 (E-Class) · 117 CLA Setting **headlights MERCEDES-BENZ Actros**
- **Extra long design**
- Round blade
- Ergonomically shaped HAZET 2-component T-handle
- Surface: chrome-plated, tips burnished



HAZET No.	l_1 mm	l_2 mm	mm	EAN-No. 4000896+
828 Lg-T 20	200	226	3.86	139941

2597 Bent bit holder · for door hinge insert tools

Made in Germany



- Application: For installing and removing the driver or passenger door (Door hinge screw fitting inside **TORX**® screws T 45) and for door adjustment on **VW, SKODA** Fabia model year 2010 →, Roomster model year 2006 →, **AUDI** A5 model year 2007 →,
- Plug connection 9 x 12 mm square
- With **TORX**® Bit T45 (HAZET 2597-01)
- **Removal** together with tool holder HAZET 6396, **Installation** with torque wrench HAZET 6290-1CT – Please observe VW torque regulations –
- Surface: chrome-plated



HAZET No.	l mm	mm	EAN-No. 4000896+
2597	95	7.82	017379

2597 Bit

- Hexagon drive ISO 1173 C8 (5/16")
- Screwdriver bit **TORX**® T 45 for 2597
- Installing and removing the doors on **VW · AUDI · ŠKODA**



HAZET No.	l mm	mm	EAN-No. 4000896+
2597-01	18	7.82	017386

Made in Germany



- Hexagon drive ISO 1173 C8 (5/16")
- Door aligning as well as for installing and removing the doors on **VW** Golf 4 (model year 1997 → 2006) · Golf 7 (model year 2012 →) · Passat B5 (model year 1996 → 2000) **SEAT** León (model year 1999 → 2006) in conjunction with bent bit holder HAZET 2597
- For **screws with internal serration (XZN) M 10**
- Similar to DIN 65254



HAZET No.	l mm	EAN-No. 4000896+
2597-02	21	066667

2597 Bit

Made in Germany



- Application: Door alignment as well as installation and removal of doors on **VW** Golf 5 (model years 2003 → 2008), Golf 6 model year 2008 →, Passat B6, Caddy model years 2004 → 2010, New Beetle model year 2011 →, Sharan 2 model year 2010 →, Tiguan model year 2011 →, Touran model year 2010 → **SKODA** Superb model year 2008 →
- Hexagon drive ISO 1173 C8 (5/16")
- Together with curved bit holder HAZET 2597
- For **screws with internal serration (XZN) M 8**
- Similar to DIN 65254



HAZET No.	l mm	EAN-No. 4000896+
2597-03	21	118830

T 45 with special length



- Application: Installing and removing the driver's and front passenger's door on **VW**
- Together with reversible ratchet HAZET 2264 or insert reversible ratchet 6408 and torque wrench 6290-1CT – observe VW torque regulations –
- Hexagon drive ISO 1173 C6.3 (1/4")



HAZET No.	l mm	mm	EAN-No. 4000896+
2597-T 45	25	7.82	017393

2598 Door handle tool

Made in Germany



- **Safe and fast working**

- Application: Operation of the difficult-to-reach locking hook (bearing cap) when removing / installing the door handle
- Disassembly and assembly of the closing cylinder housing (door handle) with doors without closing cylinders
- For e.g. **VW** Passat model year 2005 → · Tiguan model year 2008 → · Golf 6 model year 2008 → · Golf 7 model year 2012 → · Amarok model year. 2010 → · Beetle model year 2011 →
- Assembly of the door lock **VW** Fox model years 2005 →
- Ergonomically shaped 1-component trinamic handle



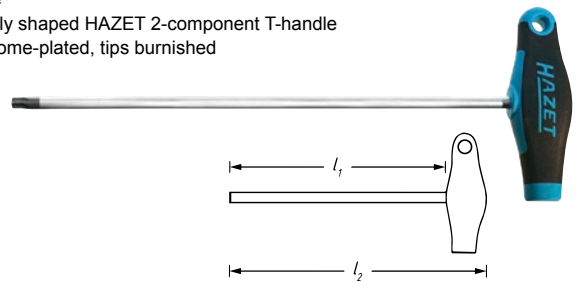
HAZET No.	l_1 mm	l_2 mm	EAN-No. 4000896+
2598-1	155	256	204144

828 LG-T Screwdriver with T-handle

- **Extra long design for safe operation of deeply located screw connections**



- Application: Side mirror removal / installation e.g. on **OPEL/VAUXHALL** Corsa D · Meriva B
- **Extra long design**
- Round blade
- Ergonomically shaped HAZET 2-component T-handle
- Surface: chrome-plated, tips burnished



HAZET No.	l_1 mm	l_2 mm	mm	EAN-No. 4000896+
828 Lg-T 40	290	325	6.65	235360



Specialty Tools

Body and Interior Equipment – Car Body Repair



2534-1 Clamp washer operating tool

Made in Germany

- Quick and easy operation of the clamp washers
- Prevents damage to underfloor panels and heat shields

- Application: Operation of the clamp washers on underfloor panels and heat shields on e.g. **AUDI, SEAT, ŠKODA, VW, FORD**
- \varnothing in the operating range: 27 mm



HAZET No.	l mm	EAN-No. 4000896+
2534-1	22	224227

2797 Bumper tubular socket wrench

Made in Germany

- Operation of the rear bumper screws

- **MERCEDES-BENZ** type 204 (C-Class) station wagon and saloon · type 205 (C-Class) · **AUDI** A3 model years 2004 → · A4 model years 2001 → · A6 model years 2005 → · TT model years 2007 →
Note: Screw operation with threaded rod
- Enables controlled screwing with the torque value required by the manufacturer
- DIN 3124, ISO 2725-1



HAZET No.	S mm	l mm	EAN-No. 4000896+
2797-1	10	160	154746

2797-2 Bumper tubular socket wrench

Made in Germany

- Enables controlled screwing with the torque value required by the manufacturer

- Application: Operation of the side bumper holder on the rear
- Note: screw operation with threaded rod
- **MERCEDES-BENZ** type 213 (E-class) model year 2016 →



HAZET No.	S mm	l mm	EAN-No. 4000896+
2797-2	8	160	210053

2797 Headlight adjustment tool

Made in Germany

- Adjusting the headlights or clearance from bumpers and bonnet



- Following car body repairs and headlight replacement respectively on **MERCEDES-BENZ** 205 C-class · model year 2014 and **AUDI** A7
- The tool is especially suited to areas with very restricted access
- Surface: matt chrome-plated
- DIN 3124, ISO 2725-1



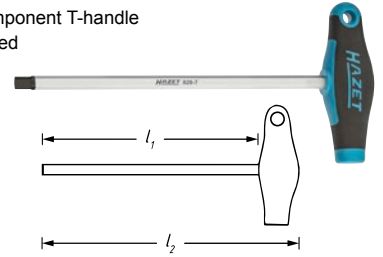
2797 Headlight adjustment tool



HAZET No.	S mm	l mm	d mm	EAN-No. 4000896+
2797-14	14	195	18	202201

828 Screwdriver with T-handle

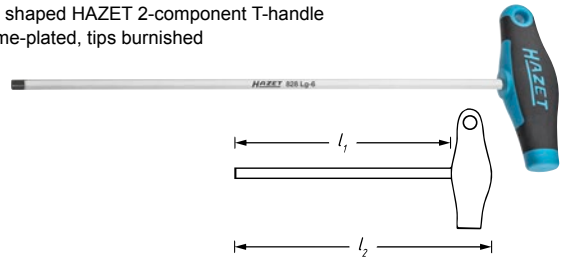
- Application: Setting the headlights on **FORD** models
Optimal length ensures direct use on the component (putting together several tools is not necessary)
- 6-point blade
- Ergonomically shaped HAZET 2-component T-handle
- Surface: chrome-plated, tips burnished



HAZET No.	S mm	l1 mm	l2 mm	EAN-No. 4000896+
828-7	7	200	234	210060

828 LG Screwdriver with T-handle

- Application: Setting the headlights on **RENAULT, AUDI**
Optimal length ensures direct use on the component (putting together several tools is not necessary)
- 6-point blade
- Ergonomically shaped HAZET 2-component T-handle
- Surface: chrome-plated, tips burnished



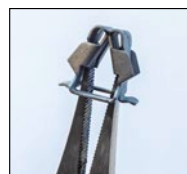
HAZET No.	S mm	l1 mm	l2 mm	EAN-No. 4000896+
828 Lg-6	6	300	334	226672

1816 Flat nose pliers

Made in Germany

- Particularly flat shape for use in very confined spaces

- Application: Removal and adjustment of the grab handles in the interior as well as the sun visors on VAG vehicles
- Flat form
- Straight design
- Handles with dip coating



HAZET No.	l mm	EAN-No. 4000896+
1816 K-1	135	232949



Car Glass / Wiper Arm

4852 Tool set for car glass removal

Made in Germany

• Self-closing safety pull handles hold the sawing or cutting wire firmly



- 4-point cutting wire for fast and easy cutting of nearly all adhesive beads
- Sawing wire twisted of three brass-plated steel wire for very hard or large adhesive beads
- Robust wire starter made of spring steel with large T-handle to pierce the wire through the bead
- Counterholder with long shaft and stable M4-thread secures the cutting wire from inside



HAZET No.		EAN-No. 4000896+
	• Tool set for car glass removal, contents 4852-3 (2x) · 4 A · 5 · 6 · 7	
	• Extraction of glued car windows	
4852/6	6	129447
	• Pull handle for collecting the cutting wire	
	• Extraction of glued car windows	
4852-3	–	129454
	• Counterholder for guiding and retaining the cutting wire	
	• Extraction of glued car windows	
4852-4 A	–	164769
	• Wire starter for puncturing the glue bead	
	• Extraction of glued car windows	
4852-5	–	129478
	• Roll of square cutting wire 0.6x0.6 mm, 22 metres	
	• Extraction of glued car windows	
4852-6	–	129485
	• Roll of round cutting wire Ø 0.8 mm, 22 metres	
	• Extraction of glued car windows	
4852-7	–	129492

4850 Nozzle adjusting tool

• The telescopic handle can be used to indicate the nozzle jet direction to the windscreen



- Application: Adjusting the nozzles of the windscreen washing systems
- With pocket clip
- Magnetic head 6 mm Ø
- Adjusting needle (Ø 0.7 mm) and protection cap



4850 Nozzle adjusting tool



HAZET No.	l_1 mm	l_2 mm	EAN-No. 4000896+
4850-1	155	670	022366

• The telescopic handle can be used to indicate the nozzle jet direction to the windscreen



- Application: Adjusting the nozzles of the windscreen washing systems
- With pocket clip
- Integrated LED for easy detection of parts in dark environments, such as the engine compartment etc.
- Extra powerful magnet 8 mm Ø to pick up small parts
- Adjusting needle (Ø 2 mm)



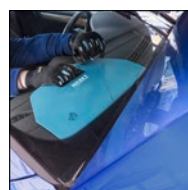
HAZET No.	l_1 mm	l_2 mm	EAN-No. 4000896+
4850-2	183	682	149544

4852 Dashboard protection set with handle

• The light blue colour draws attention to soiling on the individual protection panels quicker than conventional grey protective panels do and therefore prevents the interior from being soiled



- Application: For protection against damage to the dashboard, interior lining and vehicle headlining when removing windows
- Clean and professional work
- Sturdy plastic
- Contents:
 - Protection panel, angled, 270 200 mm
 - Protection panel, angled, 450 300 mm
 - Protection panel, straight 270x200 mm
 - Protection panel, straight, 450x300 mm



HAZET No.		EAN-No. 4000896+
4852/4	4	210114



Specialty Tools

Body and Interior Equipment – Commercial vehicle

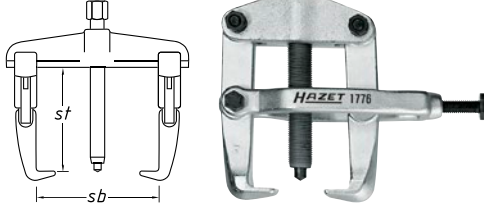


Steering wheel

1776 Pitman arm puller · 2-arm

Made in Germany

- For ball bearings, toothed wheels, pinions, **pitman arms** and similar
- The clamp clip is used for pressing the puller jaws on the parts to be extracted
- Surface: galvanised



HAZET No.	sb mm	st mm	Spindle	EAN-No. 4000896+
1776-85	90	85	M18x1.5x130 mm	135943
1776-100	90	100	M18x1.5x130 mm	135950
1776-140	150	140	G½"x175 mm	135967

2223 LG Bit

- Long design
- Hexagon drive similar to ISO 1173 C6.3 (¼")



HAZET No.	l mm	Ø mm	EAN-No. 4000896+
2223 Lg-T 30	70	5.52	015092

- Round blade
- Suitable for all **MERCEDES-BENZ** passenger cars model year → 2011 with bolted air bag unit
- For removal and installation of the **airbag unit** e.g. **MERCEDES-BENZ, VW, AUDI, OPEL/VAUXHALL, PORSCHE** (inside **TORX**® screws T30)

Commercial vehicle

Engine

Cylinder head

2850 TORX® impact socket

Made in Germany

- Operation of cylinder head bolts

- Reinforced design
- Long design
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3124, ISO 2725-2



HAZET No.	l mm	d ₁ mm	d ₂ mm	Ø mm	f mm	EAN-No. 4000896+
• MAN commercial vehicles F 2000, F 90, F 8 and MAN buses with D 25 and D 28 engines						
2850-E 20	110	25	44	18.49	15	079681
• MAN commercial vehicles with Common Rail Engine (D20)						
2850-E 24	110	30	44	22.16	17.5	146758

Fuel System / Fuel Injection

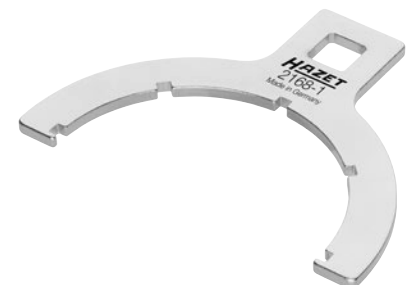
2168 Fuel filter wrench

Made in Germany

- Easy operation with introduced square 12.5 mm (½ inch)



- Application: Operation of fuel filter housing on construction and agricultural machinery
- For e.g.: **CLAAS** Torion, **LIEBHERR** wheel loaders and wheel loaders with Euro 6 emission standard and **LIEBHERR, JOHN DEERE** engines
- Harvester 1070G, 1170G · Forwarder 1110G, 1210G, 1510G · Caterpillar-track timber crane 2154G, 2154 G · Log loader 2156G, 2156G LC · Timber crane, hitch-mounted 337E, 437E · Wheel loader 524K, 524K-II, 524L, 544K, 544L · Field sprayer, self-propelled R403, R4040L, R4050L · Tractors 6M, 6R series · Tractors 7R series · Combine T series · Combine W series · Bulldozer 700K · Excavator 210G LC Deere · Sprayer Mazzotti MAF HP · Hagie STS 10, STS 12



HAZET No.	EAN-No. 4000896+
2168-1	223251



2849 Single box-end wrench

Made in Germany

• Operation of the turbocharger nuts on MAN HGVs



- Bent form of the box wrench is especially adapted to the confined spaces
- Ergonomically shaped HAZET 2-component handle



HAZET No.	l mm	EAN-No. 4000896+
2849-15	266	159284

2871-E12 Turbocharger / manifold TORX® socket

Made in Germany

• Lower installation height than nut-driver with reversible ratchet



- Application: Operating the turbocharger and manifold screws (E12)
- On MAN TGL · TGM with E08 engines
- Drive $s \leq 17$ mm
- Operation e.g. with ratcheting combination wrench 606-17 or insert box-end wrench 6630 d-17 and tool holder 6397 (screw loosening) with torque wrench 6292-1 CT (screw tightening)
- Necessary due to limited space
- Surface: phosphatized, oiled



HAZET No.	l mm	EAN-No. 4000896+
2871-E 12	28	201730

4550 Injection line wrench

Made in Germany

• Open 12-point socket



- Application: Operating screwed connections on injection lines
- Surface: chrome-plated
- DIN 3124, ISO 2725-1
- On MAN commercial vehicles with D 20 engines – common rail injection systems
- Short style
- Drive 10 = $\frac{3}{8}$ "



HAZET No.	s mm	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
4550-3	17	83	27	18	8	104307

Made in Germany

• Professional operating of the screwed connection on injection line



- Application: Operation of the union nut on the high-pressure line on the injection valve common rail injection system
- Open 12-point socket for injection lines
- The tightening torque required by the manufacturer is achieved by using a HAZET torque wrench (observe manufacturer specifications)
- Surface: burnished
- DIN 3124, ISO 2725-1
- DAF Euro 6 engines MX11/ MX13 e.g. XF · CF
- Drive 12.5 = $\frac{1}{2}$ "



HAZET No.	s mm	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
4550-21	21	91	33	32	19	204137

4558 Pressure nut crown wrench

Made in Germany

- Application: Operation of the compression nut at the nozzle holder
- Surface: chrome-plated



HAZET No.	l mm	d ₁ mm	d ₂ mm	EAN-No. 4000896+
4558	72	–	–	021888
4558-1	120	29	36	050529
4558-2	69	28.4	25	057344

1788 T Impact extractor

Made in Germany

• Application: For disassembly of tight common rail injectors **without** removing the cylinder head



- Impact extractor (sliding hammer – sliding weight 200 g) with coupler thread M 10
- Removal of caps with inside thread, ball bearings, washers etc.
- To be used with stud bolt set 1788 T-1/6 and internal extractors 1788 N-15 to 35
- Also together with injector extractor 4797-5



HAZET No.	M	l mm	EAN-No. 4000896+
1788 T-1	M 10	226	134304





Specialty Tools

Commercial vehicle – Engine



4797 Injector extractor

Made in Germany

Application: For disassembly of tight common rail injectors **without** removing the cylinder head



Easy removal of injectors together with impact extractor e.g. **HAZET 1788 T-1**

- **Injector claw** with inside thread M10x1.5 mm
- **MAN Engines** D08 · D20 · D26 · D28
- Suited to the very limited space in the cylinder head
- Due to the tool's claw, the injector in the upper part may be gripped without causing damage



HAZET No.	l mm	EAN-No. 4000896+
4797-5	174	176137

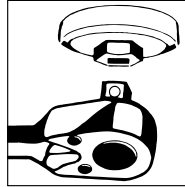
2168 Ad-Blue® filter wrench

Made in Germany



• **Operation of the filter housing cap when replacing the AdBlue® filter (urea solution filter) on MERCEDES-BENZ commercial vehicles with BlueTec® engines, e.g. Actros, Atego, Axor, Econic**

- The tightening torque recommended by the vehicle manufacturer (please follow the instructions of the manufacturer) is reached e.g. with the torque wrench HAZET 6110-1 CT
- \varnothing 46 mm



HAZET No.	\varnothing mm	EAN-No. 4000896+
2168-46	59	156252

Diagnostics

4800 Radiator tester for agricultural machinery

Made in Germany



Application: Checking for leakage in cooling systems and heating circuits

Classification to vehicles: → **The Tool Finder** → **Radiator adapters 4800**

Plastic box

4800-1 Cooling pump to 2.5 bar

4800-2 Intermediary piece, flexible hose

4800-3 Radiator adapter for **AMAZONE** Pantera

CLAAS Jaguar · Lexion · Scorpion · Ares · Atlas · Ceres

FENDT

MASSEY FERGUSON with tank number 180224M92 and 4296015M1

CASE Quadtrac · Magnum

4800-4 Radiator adapter for **CASE** Puma · SBS · LBS · Optum · Maxxum · CVX

NEW HOLLAND TVT · T7, T7 Elite Pack · T6

FENDT Vario model year 2000 → Combine harvester L series

CLAAS Arion · Axion

DEUTZ engines 3.6 PowerPack · BF6M1013FC · TCD2013L6 2V and 4V genset 250kV

4800-5 A Radiator adapter for **FENDT** Farmer 300 model year 1988 → Type 500 · Type 700 · Vario model year 1988 → 2000

4800-20 Radiator adapter for **CLAAS** Xerion · Tucano as well as all new **CLAAS** machines with **MERCEDES-BENZ** expansion tank



HAZET No.	□	EAN-No. 4000896+
4800/6	6	216482

4800 Commercial vehicle radiator tester

Made in Germany



Application: Checking for leakage in cooling systems and heating circuits

Classification to vehicles: → **The Tool Finder** → **Radiator adapters 4800**

Plastic box

4800-1 Cooling pump to 2.5 bar

4800-2 Intermediary piece, flexible hose

4800-3 Radiator adapter for **DAF** 45 model year 05/1991 → 12/2000 **DOOSAN**

wheel excavator S, caterpillar excavator DX

KAESER Mobilair

LIEBHERR A308-316

MERCEDES-BENZ Vito, Viano, Solaris

NISSAN forklifts

PUTZMEISTER BSA 1409

SCANIA Vabis

4800-5 A radiator adapter for **COMPAIR** mobile compressor with **VW** expansion tank

LINDE forklift

PUTZMEISTER BSA 1407D · BSA 2110 HP-D

RENAULT Midium model year 01/2000 → 12/2013

Volvo FE model year 05/2006 → FL model year 03/2000 →

4800-25 radiator adapter for **MAN** buses such as Lions Coach, Lions Star, Lions Comfort, Lions City

MERCEDES-BENZ Citaro model year 01/1998

IVECO Euro-Star, Euro-Tech, Euro-Truck, Stralis, Daily with black lock

MAN F90, F2000, TGA model year 03/2000 →, TGL model year 04/2005 →,

TGM model year 10/2005 →, TGS model year 10/2007 → 01/2012, TGX model year 10/2007 → 01/2012

MERCEDES-BENZ commercial vehicles Actros, Atego 1217 model year → 1999, Eco 8401, SK1728, Antos, Arocs, Atego model year 1998 → 2013,

Axor model year 09/2001 → 10/2004, Econic, Zentros

4800-26 Radiator adapter for **DAF** CF, XF Euro 6 model year 2013 →

4800-27 Radiator adapter for **MERCEDES-BENZ**

Atego model year 2014 →

4800-28 radiator adapter for **MERCEDES-BENZ**

Actros EURO 6 with HEYCO expansion tank model year 2014 →

MAN TGX, TGS EURO 6 with HEYCO expansion tank model year 2012 →



HAZET No.	□	EAN-No. 4000896+
4800/8	8	216499



4800 Radiator adapter

Made in Germany

- Application: Checking for leakage in cooling systems and heating circuits
- **Extended range for existing radiator tester HAZET 4800**
- Threads adjusted exactly to opening of the expansion tank
- Coupling nipple for connection to the quick coupling connection of the cooling pump 4800-1 and intermediary piece 4800-2 or vacuum radiator filler HAZET 4801-1 und 4802-1



HAZET No.	EAN-No. 4000896+
• SCANIA 143 · G- · P- and R-series 4800-29	222780
Radiator adapter for • CLAAS Xerion · Tucano • IVECO Euro-Star · Euro-Tech · Euro-Truck · Daily with black lock • MAN F90 · F2000 · TGA model year 03/2000 → · TGL model year 04/2005 → · TGM model year 10/2005 → · TGS model year 10/2007 → 01/2012 · TGX model year 10/2007 → 01/2012 → • MERCEDES-BENZ Commercial vehicles Actros · Atego 1217 model year → 1999 · Eco 8401 · SK1728 · Antos · Arocs · Atego model year 1998 → 2013 · Axor model year 09/2001 → 10/2004 · Econic · Zentros 4800-20	144242
Radiator adapter with angled hose connector, particularly suitable for use in areas with restricted access for • E.g. MAN buses such as Lions Coach · Lions Star · Lions Comfort · Lions City • MERCEDES BENZ Citaro model year 01/1998 · Actros · Atego 1217 model year → 1999 · Eco 8401 · SK1728 · Antos · Arocs · Atego model year 1998 → 2013 · Axor model year 09/2001 → 10/2004 · Econic · Zentros • IVECO Stralis · Euro-Star · Euro-Tech · Euro-Truck · Daily with black lock • CLAAS Xerion · Tucano • MAN F90 · F2000 · TGA model year 03/2000 → · TGL model year 04/2005 → · TGM model year 10/2005 → · TGS model year 10/2007 → 01/2012 · TGX model year 10/2007 → 01/2012 4800-25	203857
• DAF Cf and XF Euro 6 model year 2013 → 4800-26	214495
• MERCEDES-BENZ Atego model year 2014 → 4800-27	214501
• MERCEDES-BENZ Actros EURO 6, model year 2014 → with HEYCO expansion tank • MAN TGX and TGS EURO 6, model year 2012 → with HEYCO expansion tank • FENDT Ideal 8 · Ideal 9 · 900 Vario · 1000 Vario 4800-28	214518



4802 Commercial vehicle vacuum radiator filler

Made in Germany

- **Suitable in conjunction with the single or universal adapters, e.g. 4801-2/3**

- Application: Vacuum leakage test before refilling the cooling system
- **Filling of the coolant and heating circuit without bubbles in trucks · buses · agricultural machinery and construction vehicles**
- New design of the vacuum radiator filler allows the desired vacuum to be reached faster, which allows the cooling system to be filled more quickly
- Fast cooling fluid flow rate: **80 litres in around 20 minutes**
- Filling possible with standard stoppers as well as with fixed cap
- No cooling fluid is lost through the cooling system overflowing
- Separate control through the diagnostic testing device is no longer necessary



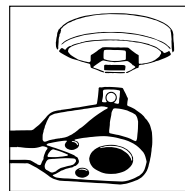
HAZET No.	EAN-No. 4000896+
4802-1	200030

Oil service

2169 Oil filter wrench

Made in Germany

- Application: Operation of oil filter housings made of plastic



HAZET No.	mm	mm	EAN-No. 4000896+
• 18-point s 135 mm • On MAN F 2000 and TGA series commercial vehicles 2169-5	24	148	100330
• Drive: Outside 6-point s 24 mm / □ drive 12.5 1/2" • Output: 15-point s 105 mm • For e.g.: Volvo · SCANIA · RENAULT · MAN · IVECO · FIAT · FODEN · IRISBUS · ASTRA · CATERPILLAR · LIEBHERR · JOHN DEERE · KOMATSU · FAUN · MITSUBISHI • The torque value recommended by the vehicle manufacturer can be safely achieved, e.g. with a HAZET torque wrench (Attention: observe the manufacturer's tightening torque value) 2169-9	24	-	116690

Made in Germany

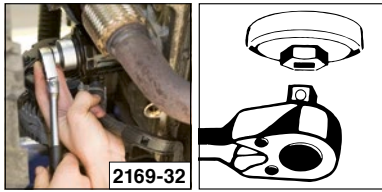
- **Forged design**

- Application: Installing and removing oil filters and oil filter housing caps when changing the oil filter element
- Surface: chrome-plated





2169 Oil filter wrench



10 3/8"

HAZET No.	mm	mm	EAN-No. 4000896+
• 6-point s 32 mm			
HAZET OPEL/VAUXHALL Astra · Corsa · 1.9 I CDTi · Astra 2.0 CDTi VW Passat · Golf 6 with 1.6 and 2.0 CR-TDI · Passat B7 1.6 · 2.0 diesel engine · Golf 7 2.0 petrol engine · Polo 5 1.2 I-1.4 I TDI · Polo 1.2 I petrol engines model year 2005 → · Transporter T5 1.9 I diesel model year 2004 → · Touran TDI · Tiguan model year 2007 → 1.4 I (90/118kW) 2.0 I diesel engines · AUDI A6 3.2 I TSI · V6 model year 2004 → · A4 diesel from model year 12/2007 BMW 530d M57 model year 2008 → For urea solution filter Ad-Blue® MAN e.g. TGX			
2169-32	32	43	082346
• 6-point s 36 mm			
e.g. for MERCEDES-BENZ engine 116 MB · 100 D Transporter · Actros MP 1 · MP 2 · BMW M 52-6-cylinder: 3 Series · 5 Series · M 60-8-cylinder: 5 Series · 7 Series · 8 Series · M 73-12-cylinder: 7 Series · 8 Series · 1 Series (E87): 118d · 120d · 1 Series (F20) 118i · OPEL/VAUXHALL Vectra B DI 16 V · Insignia · VW Lupo 1.2 TDI · Polo 5 1.2 I · Golf 6 1.4 I SRE/TSI · Touareg TDI · T5 2.5 D · Passat B7 3.6 I FSI · AUDI 6-cylinder petrol engines from 12/2007 For MAN fuel filters e.g. TGA			
2169-36	36	50	086566

2171 Oil filter wrench

- Made in Germany**
- **Steel strip adjustable to seven positions**
- Application: Operation of oil filters e.g. as an assembly tool for oil and fuel filters on **MAN** commercial vehicles



HAZET No.	l mm	Ø mm	EAN-No. 4000896+
2171-1	160	80–110	013418
2171-2	230	75–110	013432

2171 Oil filter chain wrench

- Made in Germany**
- **The opening in the oil filter chain allows them to be used even in places which are difficult to reach due to the construction**
- Application: Operation of oil filters and the operation of air dryer cartridges



HAZET No.	mm	EAN-No. 4000896+
2171-8 Lg	50–150	203703

Brakes

2195 Cartridge wrench

- Made in Germany**
- **Forged design**
- Application: Operating the granulates cartridge on commercial vehicles with compressed air dryers
- Design "Made by HAZET"
- Negative position of arms
- MAN No. 8099606-0307
- Surface: burnished, oiled



HAZET No.	Ø mm	EAN-No. 4000896+
2195	90–140	014101

2784 Brake calliper screwdriver socket

- Made in Germany**
- **Drive allows transmission of high separation forces**
- Application: Operation of the brake calliper screw connection (Knorr-Bremse) on **MERCEDES-BENZ** commercial vehicles e.g. Actros Operation of the upper wishbone screw on **MAN** TGA
- Enables controlled screw tightening with the torque value required by the manufacturer (follow manufacturer's instructions) e.g. with torque wrench HAZET 6144-1 CT
- With knurling
- With bolt for locking pin retaining
- DIN 3124, ISO 2725-1



HAZET No.	s mm	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
2784-14	14	60	112	33.2	155583

2784 Brake disc screwdriver socket set

- Made in Germany**
- **Drive allows transmission of high separation forces**
- Application: Operation of the brake disc screws on **MERCEDES-BENZ** Actros 2nd generation model 2011 →
- Replaceable impact screwdriver socket T60
- DIN 3124, ISO 2725-2



HAZET No.	l ₂ mm	mm	mm	EAN-No. 4000896+
2784-T 60/4	120	13.25	4	188611



2871 Brake calliper TORX® socket

Made in Germany

• Operation of the brake calliper screws on MAN commercial vehicles



• Application: Brake calliper screws E20

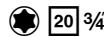
• Operation e.g. with HAZET insert box-end wrench 6630 d-22 together with tool holder 6397 (screw loosening) or torque wrench 6293-1 CT or 6295-1 CT (screw tightening)



HAZET No.	l mm	d mm	mm	t mm	EAN-No. 4000896+
• For e.g. MAN TGM and TGL 2871-E 18	39.5	23.4	16.70	13.5	176175
• For e.g. MAN TGM · TGA 2871-E 20	39.5	25.7	18.49	15.9	148790
• For e.g. MAN TGA · TGS · TGX 2871-E 24	39.5	35	22.16	19.7	148783

2872 TORX® slogging wrench with 2 striking faces

Made in Germany

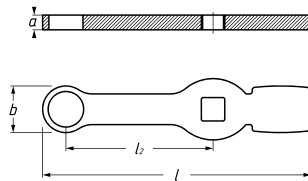


• Use of the wrench for assembly and disassembly of the brake calliper screw connections renders disassembly of the steering tie lever unnecessary

• Application: Operation of TORX® screws on brake calliper screw connections on commercial vehicle front axle and trailing axles

• Correct tightening of screws with torque wrench in accordance with the manufacturer's specifications

• Wrench flat with laser-engraved formula for calculating the correct effective length



HAZET No.	l mm	l ₂ mm	a mm	b mm	mm	EAN-No. 4000896+
For e.g. MAN TGL TGM 2872-E 18	215	120	12	30	16.70	201235
2872-E 20	216	120	12	32	18.49	201242
For e.g. MAN TGA TGS TGX MERCEDES-BENZ Atego 970-976 – Vehicles with air suspension brake calliper screw connection on the rear axle 2872-E 24	219	120	12	38	22.16	201259

2872 FS Box-end wrench – striking face pattern · 12-point with 2 striking faces

Made in Germany



• Use in trucks, buses, trailers and trailer axles without removing the wheel

• Application: Operation of brake cylinder screw connections

• Also for brake cylinder screw connections protruding far into the rim

• Laser-engraved formula for rapid conversion of the tightening torque specified by the manufacturer

• 2 impact areas enable the force to be applied using a hammer

• Approx. 20 min time saving

• Highly stable and extremely durable



HAZET No.	a mm	b mm	EAN-No. 4000896+
2872 FS-24	12	38	209989

2872 SZ Box-end wrench – striking face pattern · 12-point with 2 striking faces

Made in Germany

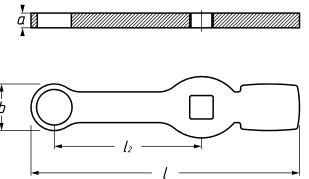


• The 12-point profile allows application even in areas with hard-to-reach screw connections

• Application: Operation of the brake calliper fitting on commercial vehicles

• Correct tightening of screws with a HAZET torque wrench in accordance with the manufacturer's specifications

• Wrench flat with laser-engraved formula for calculating the correct effective length



HAZET No.	l mm	l ₂ mm	a mm	b mm	EAN-No. 4000896+
For e.g. SAF-brake calliper on MERCEDES-BENZ Atego and Actros 2872 SZ-24	219	120	12	38	204175
E.g. for DAF XF95/ XF105/ XF 2872 SZ-26	219	120	12	38	203727
For e.g. MERCEDES-BENZ Atego · Actros · KÄSSBOHRER buses Volvo FH 2872 SZ-27	220.5	120	12	38	207183

4969 Compressed air quick-connector releasing tool

Made in Germany



• For operation with open-end wrench size 13 mm (HAZET 600 N-13), no further tools necessary.

• Application: Easy loosening of quick-connectors with 6 · 8 · 10 · 12 mm Ø

• For plug connectors DIN 74324 6x1.0 · 8x1.0 · 10x1.0 · 12x1.5 · 12x2.0 mm

• Enables separating of contaminated tubes and plug connectors

• To be used by one person

• Prevention of injuries

• Time saving and therefore also cost saving



HAZET No.	EAN-No. 4000896+
4969-612	204281

4971 Brake calliper resetting tool

Made in Germany



• Adjustment with socket wrench ≤ 12 mm

• Application: Operating the adjuster (adjusting the brake calliper) on Knorr-Bremse disc brakes on trucks, buses, trailers and trailer axles of all brands

• Special 11-tooth profile



HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
4971-11	18	15	11.5	9.8	218257



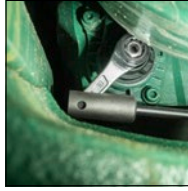
4971 Brake resetting tool

Made in Germany

- Secure power transmission on the resetting device



- Application: Resetting **WABCO** brake callipers without removing the brake cylinder
- Special insert in the ratchet wrench ensures safe power transmission on the resetting device
- For **WABCO** brake calliper in **MERCEDES-BENZ** Actros, Antos, Arocs
- Non-slip **HAZET** 3-component handle – allows high power transmission



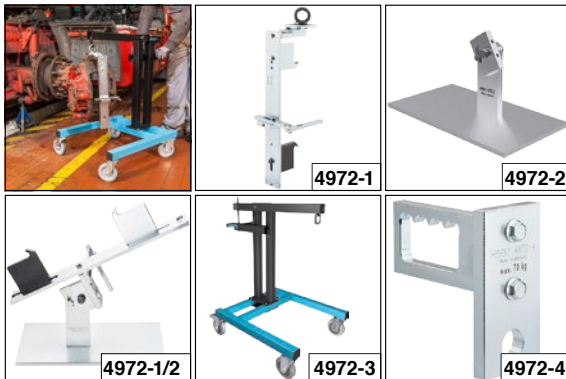
HAZET No.	l mm	EAN-No. 4000896+
4971-12	454.4	232857

4972 Lifting aid

Made in Germany

- Safe and back-friendly work in constricted spaces in the wheelhouse on trucks, buses, trailers and trailer axles

- Application: Secure retention and movement of heavy components e.g. when disassembling and assembling brake callipers and wheel for commercial vehicles
- Makes screw tightening easier
- Takes the various installation conditions for brake callipers into account
- Easy to use
- One-handed operation possible via spindle
- Second person not required
- Setting range min./max.: 716 – 911 mm



HAZET No.	l mm	EAN-No. 4000896+
• Lifting aid consisting of lifting aid 4972-3, – brake calliper holder 4972-1 and wheel hub holder 4972-4		
4972-1/3	3	215799
• Brake calliper holder		
4972-1	–	215423

4972 Lifting aid

HAZET No.	l mm	EAN-No. 4000896+
• Brake calliper assembly aid consists of brake calliper holder 4972-1 and swivel bearing 4972-2		
4972-1/2	2	215195
• Swivel bearing		
• Use with brake calliper holder 4972-1		
• Disassembly and assembly of brake callipers in trucks, buses, trailers and trailer axles that are installed in a diagonal "clockwise position between 8 o'clock and 5 o'clock"		
• Makes it easy to set the screws, even in awkward positions		
• Connect swivel bearing to brake calliper holder and position with e.g. jacking carriage below brake calliper		
4972-2	–	215393
• Lifting aid single , without brake calliper holder 4972-1 and wheel hub holder 4972-4		
4972-3	–	215782
• Wheel hub holder		
• Use with lifting aid 4972-3 or 4972-1/3		
• Assembling and disassembling wheel hubs		
4972-4	–	216031

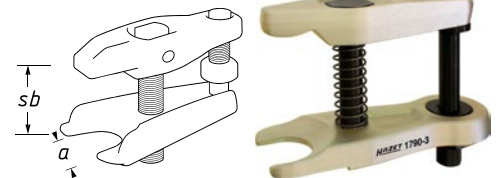
Chassis

Wheel Bearing / Wheel Hub

1790 Ball joint puller

Made in Germany

- Application: Removing the **ball joint pivots** of steering arms, steering tie rods, stabilizers etc. on heavy commercial vehicles
- Surface: galvanised, passivated (free from Cr 6)

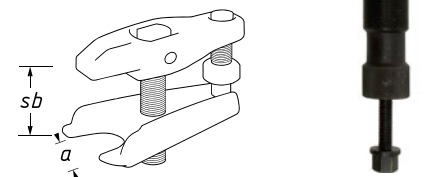


HAZET No.	a mm	sb mm	EAN-No. 4000896+
1790-3	40	85	145454

Made in Germany

- Supported by hydraulic system

- Application: Safe removal of **ball joint pivots** and ball joints
- Surface: galvanised, yellow passivated (free from Cr 6)



HAZET No.	a mm	sb mm	EAN-No. 4000896+
• For passenger cars · vans · commercial vehicles			
• Load maximum 12 tonnes			
1790-5	32	70	145461
• For commercial vehicles, buses and building machinery			
• Load maximum 12 tonnes			
1790-6	40	85	145478



Silent Block

4937 Tool set for silent blocks

- Significant time-saving, as no axle parts need to be removed
- Application: Slotted silent blocks can be safely pressed in and out
- **MERCEDES-BENZ** Actros 1, 2, 3 model year 2002 → – Stabiliser bearings
- Ø 70 mm: **MAN** TGA, TGS, TGX – Shock absorber bearings
- Ø 68 mm: **MAN** (front spring) ROR, **SAF** – Shock absorber bearings
- Ø 66 mm: **IVECO** Eurostar – Cab
- Ø 65 mm: **MERCEDES-BENZ** Actros 1 · Atego 1 · Axor 1, 2, 3 · Econic 1 – Stabiliser bearings
- Ø 63 mm: **DAF**
- Ø 60 mm: **MAN** TAG, TGS, TGX – Leaf spring bearing VA, HA · **MERCEDES-BENZ** Actros, Axor – Leaf spring lug · **IVECO** Eurostar – Leaf spring lug · **RENAULT** Kerax, Magnum, Premium – Leaf spring lug
- Ø 58 mm: **MERCEDES-BENZ** 3229 B, 652, 650 · **Volvo**
- Ø 56 mm: **IVECO** Eurostar – Cab
- Pulling in the slotted silent block using the spindle
- Optional use of hydraulic cylinder (e.g. HAZET 4932-17) possible
- Centring the bush during installation ensures safe operations, no more canting possible when pressing in
- One-man operation



HAZET No.	□	EAN-No. 4000896+
4937-2/32	32	222957

Cardan Shafts

4685-1 Taper key extractor

- **Made in Germany**
- Application: Safe removal of taper keys from the sprockets of agricultural machinery as well as manual operation of input shafts on accessory equipment



HAZET No.	l mm	EAN-No. 4000896+
4685-1	420	222889

4685-2 Taper key extractor

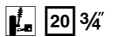
- **Made in Germany**
- Application: Safe removal of taper keys from the sprockets of agricultural machinery as well as manual operation of input shafts on accessory equipment



HAZET No.	l mm	EAN-No. 4000896+
4685-2	366	222896

4937 Commercial vehicle pin wrench set

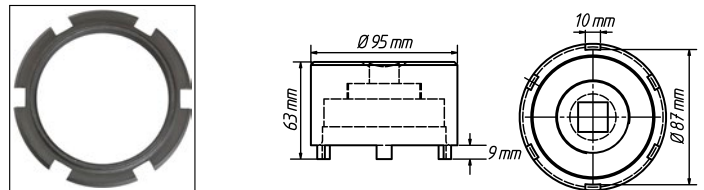
- **Made in Germany**
- For repair and maintenance work on the wheel hub, wheel bearing or brake disc on **MAN**, **MERCEDES-BENZ**



- For e.g. **MAN** TGL front axle model years 2000 → and L 2000 **MERCEDES-BENZ** Atego rear axle HL 2
- Precise fit
- Precise pin geometry for ideal tool operation in slotted nuts
- Solid design: high (shape) stability even with very high loosening or tightening torques
- Pin wrench for rear axle, inside Ø: 87 mm
- Length (total): 65 mm
- 6 pins, width of pins: 10 mm
- Two replaceable guide tubes
Outside-Ø: 49 mm · 57 mm
Length (total): 140 mm

Operating tools for commercial vehicle axle nuts and wheel hubs

- Surface: burnished

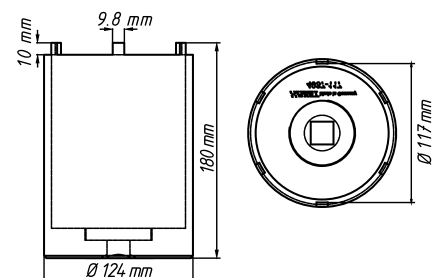


HAZET No.	l ₂ mm	□	EAN-No. 4000896+
4937-87/3	54	3	199235

- **Made in Germany**
- For repair and maintenance work on the rear axle **MERCEDES-BENZ**



- For **MERCEDES-BENZ** Actros · Hypoid rear axle HL · HL 8
- Precise fit
- Precise pin geometry for ideal tool operation in slotted nuts
- Solid design: high (shape) stability even with very high loosening or tightening torques
- Inside Ø: 117 mm
- Length (total): 200 mm
- 6 pins, pin width: 9.8 mm
- Guide tube
Outside Ø: 60 mm
length (total): 185 mm
- Surface: burnished



HAZET No.	l ₂ mm	□	EAN-No. 4000896+
4937-117/2	180	2	199242



4937 Commercial vehicle hub cap socket

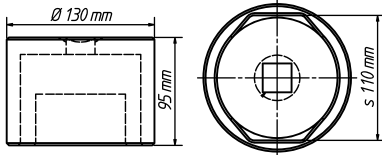
Made in Germany

• For flat oval BPW hub cap



25 1"

- For BPW Eco and Eco Plus axles
- Perfect fit for BPW contour \varnothing 110 mm
- High fitting accuracy
- Solid design: high (shape) stability even with very high loosening or tightening torques
- Surface: burnished

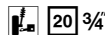


HAZET No.	l ₂ mm	EAN-No. 4000896+
4937-110	95	199273

4937 Commercial vehicle axle nut socket

Made in Germany

• Perfect fit for BPW contour \varnothing 120 mm



20 3/4"

- Application: For flat oval BPW hub cap
- High fitting accuracy
- Solid design: high (shape) stability even with very high loosening or tightening torques
- Surface: burnished

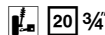


HAZET No.	EAN-No. 4000896+
4937-120	210459

4937 Commercial vehicle pin wrench set

Made in Germany

• For repair and maintenance work on the wheel hub, wheel bearing or brake disc rear axle on MAN and MERCEDES-BENZ

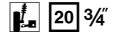


20 3/4"

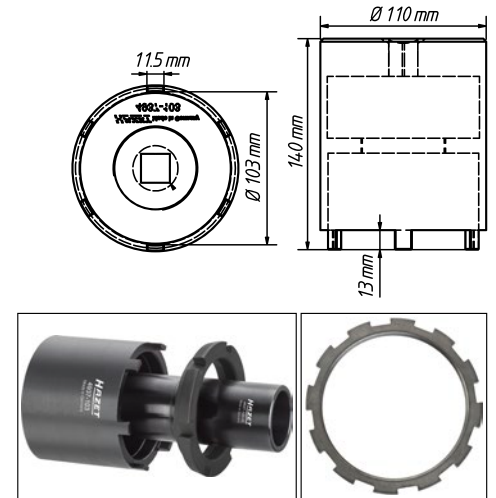
- For MAN and MERCEDES-BENZ 10 t and 13 t AP Hypoid and tag axle N7/4 · Omnibus 0305G · 0405G
- MAN hub reduction rear axle F series H7 · HD7 Hypoid axle F series HY-1175 · HDY-1175
- Precise fit
- Precise pin geometry for ideal tool operation in slotted nuts
- Solid design: high (shape) stability even with very high loosening or tightening torques
- Inside \varnothing : 103 mm
- Length (total): 140 mm
- 6 pins, pin width: 11.5 mm
- Two replaceable guide tubes
- Outside- \varnothing : 51.5 mm · 66.5 mm
- Length (total): 135 mm
- Surface: burnished



4937 Commercial vehicle pin wrench set



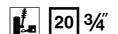
20 3/4"



HAZET No.	Quantity	EAN-No. 4000896+
4937-103/3	3	199259

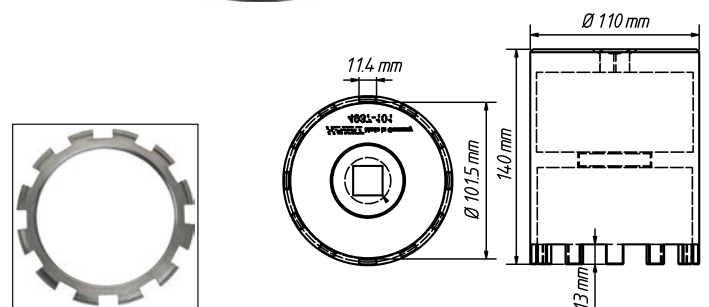
Made in Germany

• For dismantling / assembly work on the rear axle as well as repair and maintenance works on the wheel hub, wheel bearing or brake disc rear axle MERCEDES-BENZ



20 3/4"

- MERCEDES-BENZ hub-reduction axle, such as tag axle NR 7/4
- MERCEDES-BENZ hub-reduction rear axle (Euro-axles) 10 t and 13 t, HL7/0 · HL7/1 · HL7/2 · HL7/3, HL7/18 · HO7/8 · HO7/9 · HL7/015, HL7/021 · HD7/2 · HD7/19DG · HD7/016DG
- MERCEDES-BENZ hub-reduction axle 7 t AL7/1
- Precise fit
- Precise pin geometry for ideal tool operation in slotted nuts
- Solid design: high (shape) stability even with very high loosening or tightening torques
- Inside \varnothing : 101.5 mm
- Length (total): 140 mm
- 12 pins, pin width: 11.4 mm
- Three replaceable guide tubes
- Outside- \varnothing : 50 · 51 · 53 mm
- Length (total): 85 mm
- Surface: burnished



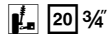
HAZET No.	Quantity	EAN-No. 4000896+
4937-101/4	4	199266



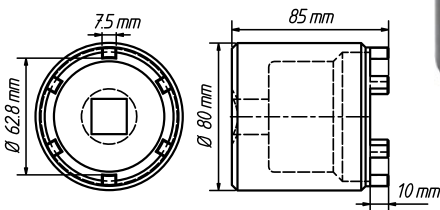
4937 Commercial vehicle pin wrench

Made in Germany

• For rear axle **MERCEDES-BENZ**



- For rear axle nuts **MERCEDES-BENZ** Actros · Atego (heavy design): LN2 · SK rear axle: 740.0/9 - 744.8 - 745.7 - 747.7 - 748.2 HD 7/19 DG 13 · HD4/16-1
- With outside guide collar
- High fitting accuracy
- Precise pin geometry for ideal tool operation in pin nuts
- Solid design: high (shape) stability even with very high loosening or tightening torques
- Inside \varnothing : 62.8 / 70 mm
- 6 pins, pin width: 7.5 mm
- Surface: burnished

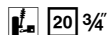


HAZET No.	l mm	EAN-No. 4000896+
4937-62	85	199020

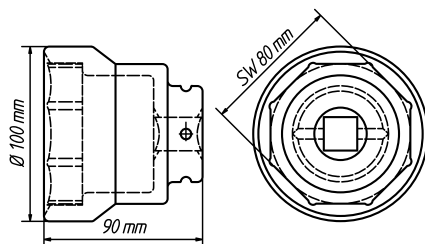
4937 Commercial vehicle axle nut socket

Made in Germany

• Dismantling / assembly of the front axle nut with 8-point in front of the brake disc



- **SCANIA** Series R · Series 4 · Series 124 I - 144 I – etc.
- Suitable for impact wrench, e.g. HAZET 9013 SPC · 9013 MG
- High fitting accuracy
- Parallel surfaces for perfect force fit on axle nuts
- Solid design: high (shape) stability even with very high loosening or tightening torques
- ≤ 80 mm **8-point**
- For impact operation
- Surface: burnished



HAZET No.	l ₂ mm	EAN-No. 4000896+
4937-80	90	199006

4937 Commercial vehicle axle nut socket

Made in Germany

• Nut-driver tuned to the axle nut ensures secure mounting of axle nuts



- Application: Front axle screw connection for **DAF** CF and XF series
- Solid design: high (shape) stability even with high loosening or tightening torques
- **DAF**: CF FA · FT · FAR · FAN · FAT · FTT · FTP · FTG · FAD · FTS · FTR CF 65 FA CF 75 FA · FT · FAR · FAG · FAT · FAD CF 85 FA · FAR · FAG · FAN · FAT · FAC · FAX · FAQ · FAD · FT · FTP · FTS · FTR · FTG · FTT XF FA · FT · FAR · FTP · FAN · FTG · FTT · FAD · FAS · FAT · FAK · FTM · FAG · FAR XF 95 FA · FAD · FAK · FAN · FAR · FAS · FAT · FT · FTG · FTM · FTP · FTR · FTS · FTT XF 105 FA · FAR · FAS · FAT · FAK · FAD · FT · FTG · FTS · FTT · FTM
- Surface: burnished



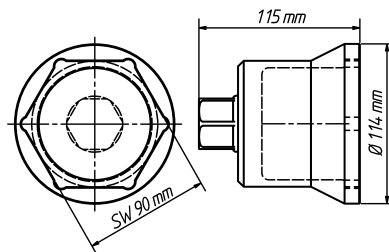
HAZET No.	l ₂ mm	EAN-No. 4000896+
4937-S 80	63	206889

Made in Germany

• With guide collar



- Application: Operation of the rear axle nut on e.g. **IVECO** Daily 6.5 t · 7.0 t
- Nut-driver completely encloses the flat rear axle nut for secure work
- Suitable for impact wrench, e.g. HAZET 9013 SPC · 9013 MG with socket 1000 S-36
- Precise fit
- Parallel surfaces for perfect force fit on axle nuts
- Solid design: high (shape) stability even with very high loosening or tightening torques
- **Hexagon drive ≤ 36 mm**
- Output: ≤ 90 mm
- For impact operation
- Surface: burnished

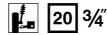


HAZET No.	l ₂ mm	EAN-No. 4000896+
4937-90	115	199280



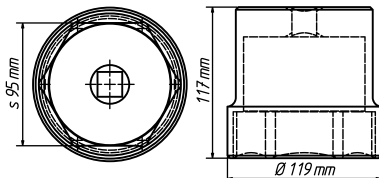
4937 Commercial vehicle oil caps / axle nut sockets

Made in Germany



• Operation of the oil cap on the front axle

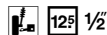
- For e.g. IVECO Stralis and Eurofire · MERCEDES-BENZ Discos Trailer with compact bearing hub unit · BPW Eco Plus 1 · BPW Eco Plus 3 · GIGANT trailer axles
- Precise fit
- Solid design: high (shape) stability even with very high loosening or tightening torques
- Output: $s \leq 95 \text{ mm}$
- Surface: burnished



HAZET No.	l_2 mm	EAN-No.
4937-95	117	4000896+ 199457

4937 Commercial vehicle centring sleeve set

Made in Germany



- Application: Fast assembly of centred commercial vehicle drop centre rim wheels for rim hole $\text{Ø } 26 \text{ mm}$ M22 x 1.5
- For e.g.: DAF · FORD · MAN · MERCEDES-BENZ · RENAULT · Volvo
- No damage of the thread as well as exact centring of the rims through conically cranked bushes
- High fitting accuracy through precise thread production
- Inside thread: M22 x 1.5 mm
- Surface: burnished



HAZET No.	l mm	EAN-No.
4937-26/3	115	4000896+ 199013

4937 Commercial vehicle mounting bushing MAN · thread M100 x 1.5

Made in Germany



• Mounting bushing to protect the thread on the axle during bearing disassembly and assembly

- Use with MAN TGX · TGA · TGS e.g. for MAN HY 1350 axle (13 tonnes) · F2000 · Lion's Star · Lion's Regio · Lion's Coach · Lion's Clasic · ND · NUE · NM · NEOPLAN Starliner · Cityliner · Centroliner · Trendliner
- Only lift the approx. 40 kg bearing unit (bearing, brake disc and wheel hub) onto the mounting bushing once, then push up to the bearing seat with $\text{Ø } 105 \text{ mm}$
- Thread: M100 x 1.5
- Outside Ø : 105 mm
- Drive via chequered handle surface or suitable lateral rod
- Surface: burnished



HAZET No.	Ø mm	EAN-No.
4937-100	105	4000896+ 201983

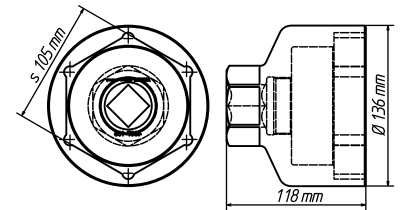
4937 Commercial vehicle axle nut socket set DAF · RENAULT · Volvo

Made in Germany



• Screw-in guide tube allows for flexible application

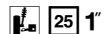
- \square Drive 25 = 1" or \bullet 60 mm
- DAF with guide tube
- RENAULT · Volvo without guide tube
- With outside guide collar
- Operation possible with impact wrench (9014 MG-1 · 9014 MG-2) and torque wrench (6160-1 CT · 6170-1 CT)
- Precise fit
- Solid design: high (shape) stability even with very high loosening or tightening torques
- Surface: burnished



HAZET No.	l_2 mm	\square	EAN-No.
4937-105/2	118	2	4000896+ 201938

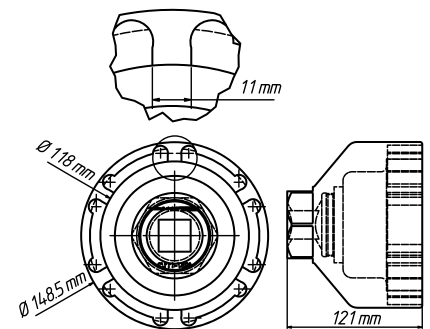
4937 Commercial vehicle pin wrench set for rear axle MAN

Made in Germany



• For MAN TGX, TGA, TGS

- For e.g. rear axle HY 1350
- \square Drive 25 = 1" or \bullet 60 mm
- 6 inside pins, with 11 mm width
- Inside Ø : 134.5 mm
- Inside Ø (pin-pin) 118 mm
- Outside Ø 148.5 mm
- Operation possible with impact wrench (9014 MG-1 · 9014 MG-2) and torque wrench (6160-1 CT · 6170-1 CT)
- High fitting accuracy
- Precise pin geometry for ideal tool operation in pin nuts
- Solid design: high (shape) stability even with very high loosening or tightening torques
- Surface: burnished



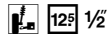
HAZET No.	l_2 mm	\square	EAN-No.
4937-111/2	121	2	4000896+ 201945



4937 Commercial vehicle centring sleeve set

Made in Germany

• For rim hole \varnothing 26 mm $\frac{7}{8}$ "- 11 G e.g. SCANIA



- Application: Fast assembly of centred commercial vehicle drop centre rim wheels for rim hole \varnothing 26 mm
- No damage of the thread as well as exact centring of the rims through conically cranked bushes
- High fitting accuracy through precise thread production
- Inside thread: $\frac{7}{8}$ "- 11 G
- Surface: burnished



HAZET No.	l mm		EAN-No. 4000896+
4937-27/3	115	3	202010

4937 MERCEDES-BENZ commercial vehicle mounting bushing · thread M75 x 1.5

Made in Germany

• Mounting bushing to protect the thread on the axle during bearing disassembly and assembly



- Application: Use in **MERCEDES-BENZ** Atego, Atego 2, Tourino, Eonic
- Only lift the 40 kg bearing unit (bearing, brake disc and wheel hub) onto the mounting bushing once, then push to the bearing seat with \varnothing 78 mm
- Thread: M75 x 1.5
- Outside \varnothing : 78 mm
- Drive via lateral rod or without additional tools is possible (chequered handle surface)
- Surface: burnished



HAZET No.	\varnothing mm	EAN-No. 4000896+
4937-7578	78	201990

4937 Commercial vehicle mounting bushing MAN thread M75 x 1.5

Made in Germany

• Mounting bushing to protect the thread on the axle during bearing disassembly and assembly



- Application: Use with **MAN** TGL, TGM, L series, HL 2
- Only lift the 40 kg bearing unit (bearing, brake disc and wheel hub) onto the mounting bushing once, then push up to the bearing seat with \varnothing 82 mm
- Thread: M75 x 1.5
- Outside \varnothing : 82 mm
- Drive via lateral rod or without additional tools is possible (chequered handle surface)
- Surface: burnished



HAZET No.	\varnothing mm	EAN-No. 4000896+
4937-7582	82	201969

4937 Commercial vehicle mounting sleeve SAF – thread M75 x 1.5 right/left

Made in Germany

• Mounting bushing to protect the thread on the bearing journal during bearing disassembly and assembly



- The bushing has both a left and a right thread M75 x 1.5
- For **SAF** axles with disc and drum brakes with \varnothing 88 mm bearing seat
- Only lift the approx. 40 kg bearing unit (bearing, brake disc and wheel hub) onto the mounting bushing once, then push up to the bearing seat with \varnothing 88 mm
- Outside \varnothing : 88 mm
- Drive via lateral rod or without additional tools is possible (chequered handle surface)
- Surface: burnished



HAZET No.	\varnothing mm	EAN-No. 4000896+
4937-7588	88	202003

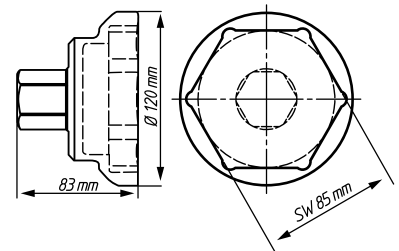
4937 Commercial vehicle axle nut socket

Made in Germany

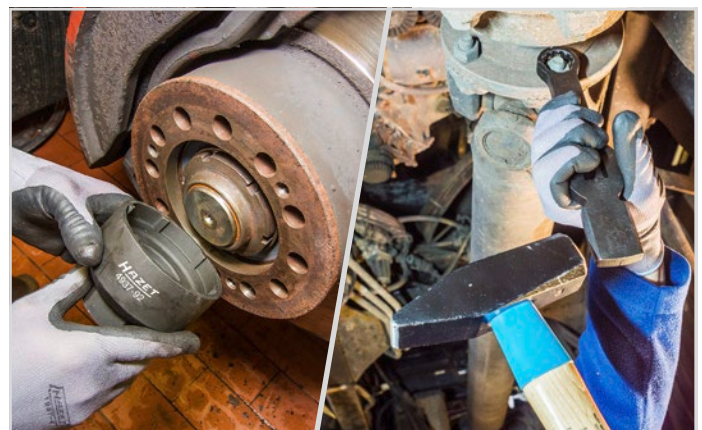
• Solid design: high (shape) stability even with high loosening or tightening torques



- Operation of the axle nut, e.g. on **SAF** trailer axles for repair and maintenance work
- Hexagon drive \leq 36 mm
- Output: \leq 85 mm
- Surface: burnished



HAZET No.	l ₂ mm	EAN-No. 4000896+
4937-85	83	204267

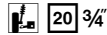




4937 Commercial vehicle pin wrench for front axle MAN

Made in Germany

• Pin wrench MAN TGX, TGA, TGS all models, model year 2000 →



- For e.g. front axle V9-82L-01 (disc brake with ABS) and **MERCEDES-BENZ** Atego rear axle as well as **MAN** · **MERCEDES-BENZ** · **VAN HOOL** and **NEOPLAN** buses
- Inside Ø: 100.5 mm
- Inside Ø (pin-pin): 92.5 mm
- Outside Ø: 114 mm
- 6 inside pins with 7 mm width
- □ Drive 20 = 3/4" as well as outside hexagon s 46 mm
- Can be used with ■ 20 = 3/4" impact wrench (9013 MG · 9013 M) and torque wrench (6145-1 CT · 6150-1 CT)
- High fitting accuracy
- Precise pin geometry for ideal tool operation in pin nuts
- Solid design: high (shape) stability even with very high loosening or tightening torques
- Screw connection tightening torque 750–800 Nm (please observe manufacturer's instructions)
- For: **MAN heavy goods vehicles**: E 2000 (ÖAF) · F 2000 · M 2000 L · M 2000 M · **MAN** TGA · TGM · TGS · TGX
- **MAN** buses: Lions City · Lions Classic · Lions Coach · Lions Regio · Lions Star as well as older constructions (models) · chassis cabs
- **NEOPLAN** Cityliner · Starliner · Tourliner · Trendliner
- **TEMSA** Diamond · **VISION** high-decker
- Surface: burnished



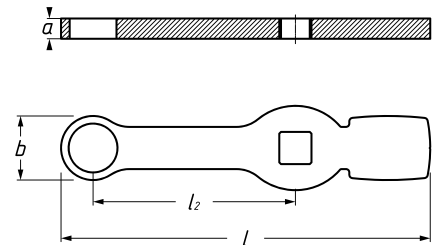
HAZET No.	l_2 mm	Ø mm	EAN-No. 4000896+
4937-92	84	114	201952

4937 Box-end wrench – striking face pattern · 12-point with 2 striking faces

Made in Germany

• The 12-point profile allows application even in areas with hard-to-reach screw connections

- Application: Operating the usually very tight cardan shaft screw connection, even when the space available is limited
- Laser-engraved formula for rapid conversion of the tightening torque specified by the manufacturer
- Especially suitable for all repairs on the go, where no working pit is available
- 2 impact areas enable the force to be applied using a hammer
- Highly stable and extremely durable



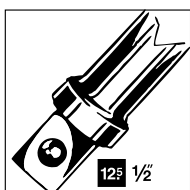
HAZET No.	l mm	a mm	b mm	EAN-No. 4000896+
For Mercedes-Benz commercial vehicle cardan shaft screw connections				
4937-19	215	12	30	215645
For MAN commercial vehicle cardan shaft screw connections				
4937-21	215	12	30	215638

Wheels / Tyres

715 Four-way rim wrench

Made in Germany

- For passenger cars, vans, people carriers and agricultural machinery
- Forged central piece
- Tested up to 500 Nm
- With ■ 12.5 = 1/2" for sockets of the 900 series
- Surface: chrome-plated, head polished
- DIN 3119, ISO 6788



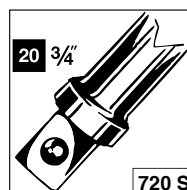
HAZET No.	S mm	l mm	EAN-No. 4000896+
715-01	17x19x22x12.5	420	029464

720 Four-way rim wrench

Made in Germany

• For commercial vehicles, tractors, agricultural and construction machinery

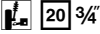
- Forged central piece
- Tested up to 2000 Nm
- 720 S with ■ 20 = 3/4" for sockets of the 1000 series
- American dimensions
- Surface: chrome-plated, head polished
- DIN 3119



HAZET No.	S mm	l mm	EAN-No. 4000896+
720-30	24x27x30x32	750	029518
720 S	24x27x32x20	750	029532




772 Universal axle and slotted nut wrench tool set

- Clamping range: 35 – 170 mm 
- Application: Removal and precise installation of nearly all common axle nuts, e.g. hexagon nuts, 8-point nuts, slotted nuts, face nuts, round nuts with drilled holes, round nuts with pin holes etc.
- Maximum torque: 700 Nm
- Plastic box
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistent



HAZET No.		EAN-No. 4000896+
772-2/16	16	161041

4937 Removal tool for twin tyres

- Hand-operated tool, low use of force 
- Application: For easy disassembly of stiff external twin tyres as well as for axles with disc and drum brakes
- Suitable for all tractors, buses, trailers and trailer axles
- Operating principle:
 - Insert pressure pieces through rim holes with a spindle
 - Spindle applies required force and disconnects external twin tyres from the hub
- Contents (4-piece set):
 - 1 rim flange support with spindle holder (ball), Ø 44 mm
 - 1 spindle M24x2.0 with 6-point drive s 17 mm
 - 1 pressure piece size 1 Ø 48x40 mm
 - 1 pressure piece size 2 Ø 50 mm



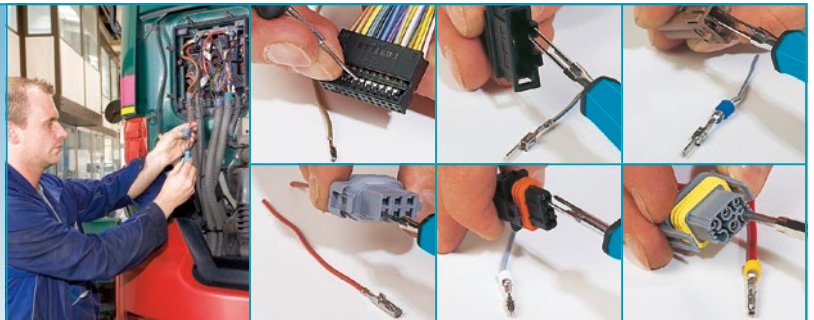
HAZET No.		EAN-No. 4000896+
4937-1/4	4	219056

Electricity / Battery Service

Contacts / Plug connections / Cable unlocking tool


SYSTEM cable release tool

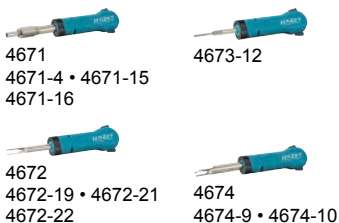
- For professional working
- High ease of use
- Safe application
- OEM quality "Made in Germany"
- Malfunctions due to loose contacts can be remedied easily, quickly and professionally
- Universal application in the field of car electricity
- With sliding caps protecting the blades from damage and avoiding the risk of injury



4670 SYSTEM CABLE release tool assortment

 Made in Germany

- Application: For damage-free releasing of plug contacts, e.g. flat and round plug contacts
- Extension set for HGV/commercial vehicles 



4671
4671-4 • 4671-15
4671-16

4673-12

4672
4672-19 • 4672-21
4672-22

4674
4674-9 • 4674-10



HAZET No.		EAN-No. 4000896+
4670-6/9	9	135776



4670 SYSTEM CABLE release tool assortment

Made in Germany

- Guarantees damage-free releasing of the most common commercial vehicle contacts
- Application: For damage-free releasing of flat plug contacts, e.g. secondary locking, housing locking as well as flat spring contacts
- Extension set for HGV/commercial vehicles

Ⓔ



4672
4672-1 • 4672-3 • 4672-4



4673
4673-1 • 4673-12



1/9				
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HAZET No.	L x W x H mm		EAN-No. 4000896+
4670-9/5	185x153x52	5	205042

Body and Interior Equipment

2784 SLG Impact socket with special profile

Made in Germany



- Optimised special profile for damage-free attachment of the flat-head lightweight nuts
- Extra long style

- Application: Operation of the lightweight nuts with special profile on the frame, fifth-wheel coupling, front carrier and vibration damper **MERCEDES-BENZ** Actros · Antos · Arocs model year 2016 →
- Surface: phosphatized
- DIN 3124, ISO 2725-2



HAZET No.	l mm	∅ mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
2784 S Lg-1	75	39	38.8	30	16	218240

2784 S Impact socket with special profile

Made in Germany



- Optimised special profile for damage-free attachment of the flat-head lightweight nuts

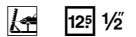
- Application: Operation of the lightweight nuts with special profile on the frame, fifth-wheel coupling, front carrier and vibration damper **MERCEDES-BENZ** Actros · Antos · Arocs model year 2016 →
- Surface: phosphatized
- DIN 3124, ISO 2725-2



HAZET No.	l mm	∅ mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
2784 S-1	45	39	38.8	30	16	213252

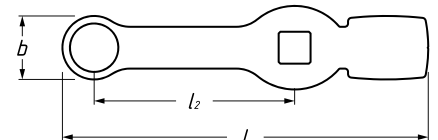
2784 SR Box-end wrench – striking face pattern · 12-point with 2 striking faces

Made in Germany



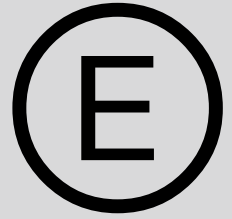
- Optimised special profile for damage-free attachment of the flat-head lightweight nuts

- Application: For the operation of the lightweight nuts with special profile on the frame, fifth-wheel coupling, front carrier and vibration damper **MERCEDES-BENZ** on the Actros · Antos · Arocs model year 2016 →
- Special application in case of lack of space due to design and very low vehicle body
- Surface: phosphatized



HAZET No.	l mm	l ₂ mm	a mm	b mm	EAN-No. 4000896+
2784 SR-1	220	120	12	41	229758

SOUGHT AND FOUND! IN THE NEW HAZET SPARE PARTS SHOP



Spare parts (E)	HAZET No.	EAN-No. 4000896+
For tool cabinet 111		
• Lock with 2 keys For HAZET tool trolley 111 L HAZET tool trolley Assistant 162 C · 166 N · 174	160-08 a	004294
For tool trolley 162 C		
• Lock with 2 keys For HAZET tool trolley 111 L HAZET tool trolley Assistant 162 C · 166 N · 174	160-08 a	004294
• Container for small parts For tool trolley HAZET Assistant 162 C · 166 C · 167	162 C-5	078189
• Separation sheets 5-piece for intermediary tray For tool trolley Assistant 162 C · 166 C	162 C-6/5	120772
• Chain with locking of chain case For HAZET tool trolley Assistant 162 C · 166 C	162 C-01/2	079735
• Cap complete with worktop For HAZET tool trolley Assistant 162 C · 166 C	162 C-010	079780
• Swivel castor Ø 125 mm, complete, with brake For HAZET tool trolley Assistant 162 C · 166 C	162 C-011	079865
• Set of castors consisting of 2 swivel castors Ø 125 mm and set of fixed castors Ø 150 mm For 166 C	162 C-0119	079889
• Hand knob For HAZET tool trolley Assistant 162 C	162 C-080	080397
For tool trolley 162 N		
• Lock with 2 keys For HAZET tool trolley 111 L HAZET tool trolley Assistant 162 C · 166 N · 174	160-08 a	004294
• Separation sheets , 5-piece For HAZET tool trolley Assistant 162 N and 166 N	160-6/5	120741
• Fixed castor · 125 mm Ø · complete For HAZET Assistant 166 N	160-09	004300
• Twin swivel castor · 75 mm Ø · with brake · complete to be used in pairs For HAZET tool trolley Assistant 166 N	160-011	004225
• Set of castors · consisting of: 2 fixed castors · 125 mm Ø · complete 2 twin swivel castors · 75 mm Ø · with brakes · complete For 166 N	160-0119	004232

Spare parts (E)	HAZET No.	EAN-No. 4000896+
For tool trolley 162 N		
• Rubber mat for table board For HAZET tool trolley Assistant 166 N	160-012	004263
• Profiled rubber strip with black filler for table board or intermediary trays For HAZET tool trolley Assistant 166 N	160-013	004270
• Plastic bushing for bottom intermediary tray For HAZET tool trolley Assistant 166 N	160-15	004331
• Indexing box for table board · complete For HAZET Assistant 166 N	160-20	004348
• Indexing box for top intermediary tray · complete For HAZET Assistant 166 N	160-40	004362
• Chain · 31 links · per pair For 166 N	160 Lg-01	004447
• Hand knob For HAZET tool trolley Assistant 162 C	162 C-080	080397
For tool trolley 166 C		
• Container for small parts For tool trolley HAZET Assistant 162 C · 166 C · 167	162 C-5	078189
• Separation sheets 5-piece for intermediary tray For tool trolley Assistant 162 C · 166 C	162 C-6/5	120772
• Chain with locking of chain case For HAZET tool trolley Assistant 162 C · 166 C	162 C-01/2	079735
• Cap complete with worktop For HAZET tool trolley Assistant 162 C · 166 C	162 C-010	079780
• Swivel castor Ø 125 mm, complete, with brake For HAZET tool trolley Assistant 162 C · 166 C	162 C-011	079865
• Set of castors consisting of 2 swivel castors Ø 125 mm and set of fixed castors Ø 150 mm For 166 C	162 C-0119	079889
• Tubular pillar complete with hand knob and clamping rod For HAZET tool trolley Assistant 166 C	166 C-070	079759
• Clamping rod complete with hand knob and clamping rod For HAZET tool trolley Assistant 166 C · 166 N	166 C-080	080403
For tool trolley 166 N		
• Lock with 2 keys For HAZET tool trolley 111 L HAZET tool trolley Assistant 162 C · 166 N · 174	160-08 a	004294



Information

Components and spare parts



Spare parts (E)	HAZET No.	EAN-No. 4000896+
For tool trolley 166 N		
• Separation sheets , 5-piece For HAZET tool trolley Assistant 162 N and 166 N	160-6/5	120741
• Fixed castor · 125 mm Ø · complete For HAZET Assistant 166 N	160-09	004300
• Twin swivel castor · 75 mm Ø · with brake · complete to be used in pairs For HAZET tool trolley Assistant 166 N	160-011	004225
• Set of castors · consisting of: 2 fixed castors · 125 mm Ø · complete 2 twin swivel castors · 75 mm Ø · with brakes · complete For 166 N	160-0119	004232
• Rubber mat for table board For HAZET tool trolley Assistant 166 N	160-012	004263
• Profiled rubber strip with black filler for table board or intermediary trays For HAZET tool trolley Assistant 166 N	160-013	004270
• Plastic bushing for bottom intermediary tray For HAZET tool trolley Assistant 166 N	160-15	004331
• Indexing box for table board · complete For HAZET Assistant 166 N	160-20	004348
• Indexing box for top intermediary tray · complete For HAZET Assistant 166 N	160-40	004362
• Chain · 31 links · per pair For 166 N	160 Lg-01	004447
• Clamping rod complete with hand knob and clamping rod For HAZET tool trolley Assistant 166 C · 166 N	166 C-080	080403
For tool trolley 167-3 (S)		
• Fixed castor Ø 100 mm For HAZET tool trolley Assistant 167-3 · S · 177	177-09	151158
• Swivel castor with brake , 100 mm Ø For HAZET tool trolley Assistant 167-3 · S · 177	177-011	151165
• Swivel castor without brake · Ø 100 mm For HAZET tool trolley Assistant 167-3 · S · 177	177-0110	151172
For tool trolley 167 XXL		
• Worktop · wood For HAZET tool trolley Assistant 167 XXL	167 XXL-05	212811
• Pull-handle For HAZET tool trolley Assistant 167 XXL	167 XXL-06	212835
• Storage board For HAZET tool trolley Assistant 167 XXL	167 XXL-094	212859
• Fixed castor Ø 125 mm For HAZET tool trolley Assistant 167 XXL · 179 · 179 N · 179 N X	179-09	143160
• Swivel castor with brake Ø 125 mm For HAZET tool trolley Assistant 167 XXL · 179 · 179 N · 179 N X	179-011	143184
For tool trolley 169 N		
• Lock with 2 keys For HAZET tool trolley 111 L HAZET tool trolley Assistant 162 C · 166 N · 174	160-08 a	004294
• Drawer slides , · pair For HAZET tool trolley Assistant 174 model year 6/2001 → 169 N model year 5/2000 → and 176-1 Ball bearing rail, suspended · carrier of drawer 565 mm or for 173 laterally extendable tray complete · per pair	169 N-07/2	080304
For tool trolley 171		
• Guiding rails · ball bearing mounted · pair For HAZET tool trolley Assistant 152 N · 168 N · 169 HD · 171 · 172 HD · 174 model year → 2000 riveted slide, drawer carrier width 545 mm complete · per pair	152 N-07	003501
• Lock with 2 keys For HAZET tool trolley 111 L HAZET tool trolley Assistant 162 C · 166 N · 174	160-08 a	004294
• Fixed castor · 125 mm Ø · complete For HAZET Assistant 166 N	160-09	004300
• Twin swivel castor · 75 mm Ø · with brake · complete to be used in pairs For HAZET tool trolley Assistant 166 N	160-011	004225

Spare parts (E)	HAZET No.	EAN-No. 4000896+
For tool trolley 171		
• Set of castors · consisting of: 2 fixed castors · 125 mm Ø · complete 2 twin swivel castors · 75 mm Ø · with brakes · complete For 166 N	160-0119	004232
For tool trolley 172 HD		
• Guiding rails · ball bearing mounted · pair For HAZET tool trolley Assistant 152 N · 168 N · 169 HD · 171 · 172 HD · 174 model year → 2000 riveted slide, drawer carrier width 545 mm complete · per pair	152 N-07	003501
• Fixed castor · 160 mm Ø · complete For HAZET tool trolley Assistant 172 HD · 174	172-09	005710
• Swivel castor · 125 mm Ø · with brake · complete For HAZET tool trolley Assistant 172 HD	172-011	005550
• Set of castors · consisting of: 2 fixed castors · 160 mm Ø · with axle 20 mm Ø complete · 2 swivel castors · 125 mm Ø · with adequate fastening and brakes · complete For 172 HD	172-0119	005567
• Rubber mat for table board · 755 x 375 x 2 mm For HAZET tool trolley Assistant 172 HD	172-012	005574
For tool trolley 173		
• Drawer slides , · pair For HAZET tool trolley Assistant 174 model year 6/2001 → 169 N model year 5/2000 → and 176-1 Ball bearing rail, suspended · carrier of drawer 565 mm or for 173 laterally extendable tray complete · per pair	169 N-07/2	080304
• Drawer slides · for front drawers complete · per pair For HAZET tool trolley Assistant 173	173-07	089819
• Fixed castor · including screws · 125 mm Ø For HAZET tool trolley Assistant 173	173-09	089932
• Swivel castor · with brake · including screws For HAZET tool trolley Assistant 173	173-011	089949
• Lock for side-locker and closing cylinder for central locking For HAZET tool trolley Assistant 173	173-013	090174
• Plastic pawls for locking · 5 pieces For HAZET tool trolley Assistant 173	173-017	090181
• Drawer locking pins , 5 pieces · rivets included For HAZET tool trolley Assistant 173 and 178	173-019	090198
• Locking bar For HAZET tool trolley Assistant 173	173-021	092741
For tool trolley 174		
• Guiding rails · ball bearing mounted · pair For HAZET tool trolley Assistant 152 N · 168 N · 169 HD · 171 · 172 HD · 174 model year → 2000 riveted slide, drawer carrier width 545 mm complete · per pair	152 N-07	003501
• Lock with 2 keys For HAZET tool trolley 111 L HAZET tool trolley Assistant 162 C · 166 N · 174	160-08 a	004294
• Drawer slides , · pair For HAZET tool trolley Assistant 174 model year 6/2001 → 169 N model year 5/2000 → and 176-1 Ball bearing rail, suspended · carrier of drawer 565 mm or for 173 laterally extendable tray complete · per pair	169 N-07/2	080304
• Fixed castor · 160 mm Ø · complete For HAZET tool trolley Assistant 172 HD · 174	172-09	005710
For tool trolley 177		
• Cylinder lock with 2 keys For HAZET tool trolley Assistant 177	177-04	151226
• Fixed castor Ø 100 mm For HAZET tool trolley Assistant 167-3 · S · 177	177-09	151158
• Swivel castor with brake , 100 mm Ø For HAZET tool trolley Assistant 167-3 · S · 177	177-011	151165
• Swivel castor without brake · Ø 100 mm For HAZET tool trolley Assistant 167-3 · S · 177	177-0110	151172
• Drawer · flat · including ball-bearing guiding rails For HAZET tool trolley Assistant 177 · 177 W	177-80	151189

Spare parts (E)	HAZET No.	EAN-No. 4000896+
For tool trolley 177		
• Ball-bearing guiding rails · pair For HAZET tool trolley Assistant 177 · 177 W · 178 · 178 N · 178 NK	178-07/2	143443
• Locking bar for individual locking For HAZET tool trolley Assistant 177 · 177 W · 178 · 179 · 179 W	179-056	146215
For tool trolley 178		
• Drawer locking pins , 5 pieces · rivets included For HAZET tool trolley Assistant 173 and 178	173-019	090198
• Ball-bearing guiding rails · pair For HAZET tool trolley Assistant 177 · 177 W · 178 · 178 N · 178 NK	178-07/2	143443
• Flat drawer · 75 mm For HAZET tool trolley Assistant 178	178-050	146178
• Drawer, high · 160 mm For HAZET tool trolley Assistant 178	178-051	146161
• Edge protection For HAZET tool trolley Assistant 178	178-093	143221
• Fixed castor Ø 125 mm For HAZET tool trolley Assistant 167 XXL · 179 · 179 N · 179 N X	179-09	143160
• Swivel castor with brake Ø 125 mm For HAZET tool trolley Assistant 167 XXL · 179 · 179 N · 179 N X	179-011	143184
• Separation sheet for high drawer For HAZET tool trolley Assistant 177 W · 178 · 179 · 179 W	179-055	145782
• Locking bar for individual locking For HAZET tool trolley Assistant 177 · 177 W · 178 · 179 · 179 W	179-056	146215
• Separation sheet for high drawer For HAZET tool trolley Assistant 178 · 179 · 179 W	179-065	146239
For tool trolley 179		
• Drawer slides · pair For HAZET tool trolley Assistant 179 · 179 W	179-07/2	143177
• Set of locks For HAZET tool trolley Assistant 179-1	179-08/2	188659
• Fixed castor Ø 125 mm For HAZET tool trolley Assistant 167 XXL · 179 · 179 N · 179 N X	179-09	143160
• Swivel castor with brake Ø 125 mm For HAZET tool trolley Assistant 167 XXL · 179 · 179 N · 179 N X	179-011	143184
• Locking bolt plate For HAZET tool trolley Assistant 179 · 179 W	179-019	146208
• Flat drawer · 75 mm For HAZET tool trolley Assistant 179 · 179 W	179-050	146192
• Drawer, high · 160 mm For HAZET tool trolley Assistant 179	179-051	146185
• Separation sheet for high drawer For HAZET tool trolley Assistant 177 W · 178 · 179 · 179 W	179-055	145782
• Locking bar for individual locking For HAZET tool trolley Assistant 177 · 177 W · 178 · 179 · 179 W	179-056	146215
• Separation sheet for high drawer For HAZET tool trolley Assistant 178 · 179 · 179 W	179-065	146239
For tool trolley 179 N (X)		
• Fixed castor Ø 125 mm For HAZET tool trolley Assistant 167 XXL · 179 · 179 N · 179 N X	179-09	143160
• Swivel castor with brake Ø 125 mm For HAZET tool trolley Assistant 167 XXL · 179 · 179 N · 179 N X	179-011	143184
• Cable For HAZET tool trolley Assistant model years → 1/8/2019: 179 N · 179 N X	179 N-01	216703
• Locking bar For HAZET tool trolley Assistant 179 N · 179 N X · 179 N XL · 179 N XXL	179 N-04	216475
• Worktop · plastic For HAZET tool trolley Assistant 179 N	179 N-05	216710
• Cover cap For HAZET tool trolley Assistant 179 N · 179 N X · 179 N XL · 179 N XXL	179 N-05 K	216666
• Pull-handle For HAZET tool trolley Assistant 179 N	179 N-06	216468
• Telescopic rails · pair For HAZET tool trolley Assistant 179 N · 179 N W · 179 N X	179 N-07/2	216697

Spare parts (E)	HAZET No.	EAN-No. 4000896+
For tool trolley 179 N (X)		
• Cylinder lock with 2 keys For HAZET tool trolley Assistant model years → 1/8/2019: 179 N · 179 N X · 179 N XL · 179 N XXL	179 N-08	217311
• Drawer locking hook For HAZET tool trolley Assistant 179 N · 179 N W · 179 N X · 179 N XL · 179 N XXL	179 N-019	216635
• Drawer · flat For HAZET tool trolley Assistant 179 N · 179 N W · 179 N X	179 N-050	216659
• Drawer · high For HAZET tool trolley 179 N · 179 N X	179 N-051	216642
• Handle profile for drawers For HAZET tool trolley Assistant 179 N · 179 N W · 179 N X	179 N-057	216628
• Lower edge protection with lettering "Made in Germany" For HAZET tool trolley Assistant model years → 1/5/2019: 179 N · 179 N W · 179 N X · 179 N XL · 179 N XXL	179 N-093	216680
• Upper edge protection with "HAZET" logo For HAZET tool trolley Assistant model years → 1/5/2019: 179 N · 179 N X · 179 N XL · 179 N XXL	179 N-094	216673
• Worktop stainless steel For HAZET tool trolley Assistant · 179 N X	179 N X-05	217298
• Plastic cover For HAZET tool trolley Assistant 179 N X · 179 N XL · 179 N XXL	179 N X-05 G	217304
• Plastic cover For HAZET tool trolley Assistant 179 N X · 179 N XL · 179 N XXL	179 N X-05 R	217328
• Stainless steel pull-handle For HAZET tool trolley Assistant 179 N X · 179 N XL · 179 N XXL	179 N X-06	216727
For tool trolley 179 XL		
• Worktop For HAZET tool trolley Assistant 179 XL	179 XL-05	181292
• Plastic cover · handle side For HAZET tool trolley Assistant 179 A XXL · 179 T XXL · 179 XL · 179 XXL	179 XL-05 G	181308
• Cylinder lock with 2 keys For HAZET tool trolley Assistant 178 N · 178 NK · 179 XL · 179 XXL	179 XL-08	181124
• Locking bolt plate for HAZET tool trolley Assistant 179 A XXL · 179 T XXL · 179 XL · 179 XXL	179 XL-019	181278
• Plastic cover with logo For HAZET tool trolley Assistant 179 · 179 A XXL · 179 T XXL · 179 XL · 179 XXL	179 XL-045 L	181285
• Flat drawer Including telescopic bars For HAZET tool trolley Assistant 179 XL	179 XL-050	181254
• Drawer, high Including telescopic bars For HAZET tool trolley Assistant 179 XL	179 XL-051	181247
For tool trolley 179 N XL		
• Locking bar For HAZET tool trolley Assistant 179 N · 179 N X · 179 N XL · 179 N XXL	179 N-04	216475
• Cover cap For HAZET tool trolley Assistant 179 N · 179 N X · 179 N XL · 179 N XXL	179 N-05 K	216666
• Cylinder lock with 2 keys For HAZET tool trolley Assistant model years → 1/8/2019: 179 N · 179 N X · 179 N XL · 179 N XXL	179 N-08	217311
• Drawer locking hook For HAZET tool trolley Assistant 179 N · 179 N W · 179 N X · 179 N XL · 179 N XXL	179 N-019	216635
• Lower edge protection with lettering "Made in Germany" For HAZET tool trolley Assistant model years → 1/5/2019: 179 N · 179 N W · 179 N X · 179 N XL · 179 N XXL	179 N-093	216680
• Upper edge protection with "HAZET" logo For HAZET tool trolley Assistant model years → 1/5/2019: 179 N · 179 N X · 179 N XL · 179 N XXL	179 N-094	216673
• Plastic cover For HAZET tool trolley Assistant 179 N X · 179 N XL · 179 N XXL	179 N X-05 G	217304
• Plastic cover For HAZET tool trolley Assistant 179 N X · 179 N XL · 179 N XXL	179 N X-05 R	217328



Information

Components and spare parts



Spare parts (E)	HAZET No.	EAN-No. 4000896+
For tool trolley 179 N XL		
• Stainless steel pull-handle For HAZET tool trolley Assistant 179 N X · 179 N XL · 179 N XXL	179 N X-06	216727
• Cable For HAZET tool trolley Assistant model years → 1/8/2019: 179 N XL	179 N XL-01	216802
• Worktop stainless steel For HAZET tool trolley Assistant 179 N XL	179 N XL-05	217281
• Telescopic rails · pair For HAZET tool trolley Assistant 179 N W · 179 N XL · 179 N XXL	179 N XL-07/2	216789
• Drawer · flat For HAZET tool trolley Assistant 179 N XL	179 N XL-050	217267
• Drawer · high For HAZET tool trolley Assistant 179 N XL	179 N XL-051	217250
• Handle profile for drawers For HAZET tool trolley Assistant 179 N XL	179 N XL-074	216826
• Fixed castor, Ø 125 mm For HAZET tool trolley Assistant 179 A XXL · 179 T XXL · 179 XL · 179 XXL · 179 N W · 179 N XL · 179 N XXL	179 W-09	146666
• Swivel castor with brake Ø 125 mm For HAZET tool trolley Assistant 179 A XXL · 179 XL · 179 XXL · 179 N XL · 179 N XXL · 179 T XXL · 179 N W	179 W-011	146659
For tool trolley 179 XXL		
• Flat drawer, in 5/3 width · including telescopic bars For HAZET tool trolley Assistant 179 A XXL · 179 T XXL · 179 XXL	179 XXL-050	181346
• Drawer, high · in 5/3 width Including telescopic bars For HAZET tool trolley Assistant 179 XXL	179 XXL-051	181353
• Decorative strip · for 5/3 drawer For HAZET tool trolley Assistant 179 A XXL · 179 T XXL · 179 XXL	179 XXL-092	181339
For tool trolley 179 N XXL		
• Locking bar For HAZET tool trolley Assistant 179 N · 179 N X · 179 N XL · 179 N XXL	179 N-04	216475
• Cover cap For HAZET tool trolley Assistant 179 N · 179 N X · 179 N XL · 179 N XXL	179 N-05 K	216666
• Cylinder lock with 2 keys For HAZET tool trolley Assistant model years → 1/8/2019: 179 N · 179 N X · 179 N XL · 179 N XXL	179 N-08	217311
• Drawer locking hook For HAZET tool trolley Assistant 179 N · 179 N W · 179 N X · 179 N XL · 179 N XXL	179 N-019	216635
• Lower edge protection with lettering "Made in Germany" For HAZET tool trolley Assistant model years → 1/5/2019: 179 N · 179 N W · 179 N X · 179 N XL · 179 N XXL	179 N-093	216680
• Upper edge protection with "HAZET" logo For HAZET tool trolley Assistant model years → 1/5/2019: 179 N · 179 N X · 179 N XL · 179 N XXL	179 N-094	216673
• Plastic cover For HAZET tool trolley Assistant 179 N X · 179 N XL · 179 N XXL	179 N X-05 G	217304
• Plastic cover For HAZET tool trolley Assistant 179 N X · 179 N XL · 179 N XXL	179 N X-05 R	217328
• Stainless steel pull-handle For HAZET tool trolley Assistant 179 N X · 179 N XL · 179 N XXL	179 N X-06	216727
• Telescopic rails · pair For HAZET tool trolley Assistant 179 N W · 179 N XL · 179 N XXL	179 N XL-07/2	216789
• Cable For HAZET tool trolley Assistant model years → 1/8/2019: 179 N XXL	179 N XXL-01	216796
• Worktop stainless steel For HAZET tool trolley Assistant 179 N XXL	179 N XXL-05	217274
• Drawer · flat For HAZET tool trolley Assistant 179 N XXL	179 N XXL-050	217243
• Drawer · high For HAZET tool trolley Assistant 179 N XXL	179 N XXL-051	217236
• Handle profile for drawers For HAZET tool trolley Assistant 179 N XXL	179 N XXL-091	216819

Spare parts (E)	HAZET No.	EAN-No. 4000896+
For tool trolley 179 N XXL		
• Fixed castor, Ø 125 mm For HAZET tool trolley Assistant 179 A XXL · 179 T XXL · 179 XL · 179 XXL · 179 N W · 179 N XL · 179 N XXL	179 W-09	146666
• Swivel castor with brake Ø 125 mm For HAZET tool trolley Assistant 179 A XXL · 179 XL · 179 XXL · 179 N XL · 179 N XXL · 179 T XXL · 179 N W	179 W-011	146659
For tool trolley 179 T XXL		
• Lock set For HAZET tool trolley Assistant 179 N W · 179 T XXL	179 T XXL-08/2	181438
• Flat drawer · with 3/3 width For HAZET tool trolley Assistant 179 A XXL · 179 T XXL	179 T XXL-050	181551
• Drawer, high · with 3/3 width For HAZET tool trolley Assistant 179 A XXL · 179 T XXL	179 T XXL-051	181384
• Drawer · middle with 3/3 width For HAZET tool trolley Assistant 179 A XXL · 179 T XXL	179 T XXL-052	181377
For work bench 177 W		
• Drawer · flat · including ball-bearing guiding rails For HAZET tool trolley Assistant 177 · 177 W	177-80	151189
• Ball-bearing guiding rails · pair For HAZET tool trolley Assistant 177 · 177 W · 178 · 178 N · 178 NK	178-07/2	143443
• Separation sheet for high drawer For HAZET tool trolley Assistant 177 W · 178 · 179 · 179 W	179-055	145782
• Locking bar for individual locking For HAZET tool trolley Assistant 177 · 177 W · 178 · 179 · 179 W	179-056	146215
For work bench 179 W		
• Drawer slides · pair For HAZET tool trolley Assistant 179 · 179 W	179-07/2	143177
• Locking bolt plate For HAZET tool trolley Assistant 179 · 179 W	179-019	146208
• Flat drawer · 75 mm For HAZET tool trolley Assistant 179 · 179 W	179-050	146192
• Separation sheet for high drawer For HAZET tool trolley Assistant 177 W · 178 · 179 · 179 W	179-055	145782
• Locking bar for individual locking For HAZET tool trolley Assistant 177 · 177 W · 178 · 179 · 179 W	179-056	146215
• Separation sheet for high drawer For HAZET tool trolley Assistant 178 · 179 · 179 W	179-065	146239
For work bench 179 N W		
• Telescopic rails · pair For HAZET tool trolley Assistant 179 N · 179 N W · 179 N X	179 N-07/2	216697
• Drawer locking hook For HAZET tool trolley Assistant 179 N · 179 N W · 179 N X · 179 N XL · 179 N XXL	179 N-019	216635
• Drawer · flat For HAZET tool trolley Assistant 179 N · 179 N W · 179 N X	179 N-050	216659
• Handle profile for drawers For HAZET tool trolley Assistant 179 N · 179 N W · 179 N X	179 N-057	216628
• Lower edge protection with lettering "Made in Germany" For HAZET tool trolley Assistant model years → 1/5/2019: 179 N · 179 N W · 179 N X · 179 N XL · 179 N XXL	179 N-093	216680
• Locking bar For HAZET tool trolley Assistant 179 N W	179 N W-04	220151
• Worktp · wood For HAZET tool trolley Assistant 179 N W	179 N W-05	220175
• Magnetic catch including 2 screws For HAZET tool trolley Assistant 179 N W	179 N W-012	220182
• Door, lockable, including hinges (2x), grip profile For HAZET tool trolley Assistant 179 N W	179 N W-21	220168
• Drawer · high For HAZET tool trolley Assistant 179 N W	179 N W-051	220144
• Upper edge protection with "HAZET" logo For HAZET tool trolley Assistant model years → 1/5/2019: 179 N W	179 N W-094	220137

Spare parts (E)	HAZET No.	EAN-No. 4000896+
For work bench 179 N W		
• Telescopic rails · pair For HAZET tool trolley Assistant 179 N W · 179 N XL · 179 N XXL	179 N XL-07/2	216789
• Lock set For HAZET tool trolley Assistant 179 N W · 179 T XXL	179 T XXL-08/2	181438
• Fixed castor , Ø 125 mm For HAZET tool trolley Assistant 179 A XXL · 179 T XXL · 179 XL · 179 XXL · 179 N W · 179 N XL · 179 N XXL	179 W-09	146666
• Swivel castor with brake Ø 125 mm For HAZET tool trolley Assistant 179 A XXL · 179 XL · 179 XXL · 179 N XL · 179 N XXL · 179 T XXL · 179 N W	179 W-011	146659
Various components in General Workshop Equipment		
• Suction cup for 161-8 · complete with screws · washer and seal	161-81	004850
For mechanic's creeper 195-2		
• Replacement swivel castors · 2 pieces For mechanic's creeper HAZET 195-2	195-02/2	162499
For rubber mat 196 VDE		
• Bag for HAZET rubber mat 196 VDE-8	196-8 TL	173921
Various component parts		
• Socket rail, empty for 450 N/8 RS and 610 N/8 RS 450 N/12 RS · 450 N/12 N RS · 610 N/12 RS	450 N/8 RS L 450 N/12 RS L	020294 020270
• Plastic part with screws for 650 K-20	650 K-020/6	028689
• Plastic hammer head for 665-1 and 665-2	665-01	029211
• Hand guard for HAZET flat chisel 730-6 · 7 · 8 • Made of impact-resistant plastic	730 HS	029631
• Punch tip for 747-1	747-02	051380
• Tightening strap For HAZET piston ring collet chuck 794 U-3	794 U-301	031689
• Segment with slip band For HAZET piston ring collet chuck 794 U-3	794 U-303	031702
• Replacement set consisting of: 2 retaining bolts · 2 lock washers for 798 798-1 798-3 798-5 798-10 798-6 · 798-8 · 798-12	798-0/4 798-01/4 798-03/6 798-05/4 798-010/4 798-012/4	031849 031856 107513 031894 031863 031870
• Bowden cable · complete with fixing kit 2 x nuts M4 for 798-15	798-0151	082254
• Bowden cable for 798-15	798-0152	082247
• Bowden cable · complete Bowden cable · coating · 2 headless screws · spring for 798-15 A	798-0151 A	097753
• Flexible hose for 798-15 B	798-0150 B	142439
• Bowden cable for 798-15 A and B	798-0152 A	097760
• Sliding guide device for 798-15 A and B	798-0153 A	097784
• Spare blade set for 822 5 pieces per set	822-01/5	033720
• Replacement hard-metal tip for 825-25	825-025	033928
• Spare chisel for HAZET mechanical nut splitter 847-0410 A and 1027 A	847-10 A	144150
For reversible ratchet etc.		
• Replacement set for shift lever consisting of: shift lever · pawl · screws · ball · compression spring For HAZET reversible ratchet 863 K · 863 · 863 G · 863 P · 863 PC · 863 Q · 863 S · 863 ST · 863 BGL · 863 BKC · 863 BK · 863 MC · 863 Mbit · 2264	863 P/6	144600
• Replacement set for ratchet wheel 6.3 = 1/4" ■ consisting of: ratchet wheel · pawl · shift lever · screws · ball · compression spring For HAZET reversible ratchet 863 G · 863 P · 863 PC · 863 ST · 863 K · 863 MC	863 P/7 N	038596

Spare parts (E)	HAZET No.	EAN-No. 4000896+
For reversible ratchet etc.		
• Replacement set for ratchet wheel 6.3 = 1/4" ■ consisting of: ratchet wheel with quick-release press- button · pawl · switch lever · screws · ball · compression spring For HAZET reversible ratchet 863 Q · 863 S as well as for refitting HAZET reversible ratchet 863 P · 863 PC · 863 G · 863 ST · 863 K · 863 MC	863 S/7	048472
• Fixing clamp for HAZET spark plug wrench 880 KF · 900 KF · 4767 KF 880 A KF · 900 A KF · 4766 · 4766-1 · 4767 A KF	880 KF-01 880 A KF-01	050123 050130
• Replacement set for shift lever consisting of: shift lever · screws · ball · compression spring · pawl For HAZET reversible ratchet 8816 G · 8816 GK · 8816 P · 8816 S · 8816 ST 916 K · 2264-1 For HAZET torque wrench 5110-2 CT · 5120-2 CT · 5110-3 CT · 5111-3 CT · 5120-3 CT 6110 CT · 6110-1 CT · 6111-1 CT 6114-1 CT · 6115-1 CT 6402-1 · 6402-1 S · 6408-1	8816 P/6	144617
• Replacement set for ratchet wheel 10 = 3/8" ■ consisting of: ratchet wheel, pawl, shift lever, screws, ball, compression spring Für Umschaltknarre HAZET 8816 G · 8816 GK · 8816 P · 8816 ST For HAZET reversible ratchet 5110-2 CT · 5110-3 CT · 5111-3 CT 6110 CT · 6110-1 CT · 6111-1 CT 6114-1 CT · 6115-1 CT · 6402-1	8816 P/7 N	042234
• Replacement set for ratchet wheel 10 = 3/8" ■ consisting of: ratchet wheel with quick-release press- button · pawl · switch lever · screws · ball · compression spring For HAZET reversible ratchet 8816 S · 6402-1 S as well as for refitting HAZET reversible ratchet 8816 P · 8816 G · 8816 GK · 8816 ST · 6110 CT · 6110-1 CT · 6111-1 CT · 6114-1 CT · 6115-1 CT · 6402-1	8816 S/7	048465
• Plastic handle For HAZET 8814 · 8816 P · 8816 F · 8816 G · 8816 GK · 2593 Lg-17	8816 KG-02	042166
• Replacement set for joint connection consisting of: screw and lock washer For HAZET flexible handle 8814 and HAZET reversible ratchet 8816 G · 8816 GK	8816 G-013	042111
• Replacement set consisting of: hinged section · screw and lock washer For HAZET flexible handle 914-15 and 914-18	914/3	046065
• Replacement set for joint connection consisting of: screw and lock washer For HAZET flexible handle 914-15 · 914-18 and HAZET reversible ratchet 916 GK	916 G-013	046188
• Plastic handle For HAZET 916 F · 916 SP · 2574 · 2574-1	916 KG-02	046225
• Plastic handle For HAZET 771 A-1 3/16 · 771-17 · 771-19 · 771-21 · 772 914-15 · 914-18 · 916 GK	916 KG-04	046249
• Replacement set for ratchet wheel 12.5 = 1/2" ■ consisting of: shift lever · 2 screws · ball · compression spring · ratchet wheel with quick-release press-button and pawl For HAZET reversible ratchet 916 S as well as for refitting HAZET reversible ratchet 916 SP · 916 GK · 916 L · 916 ST	916 S/7	046300
• Replacement set for shift lever 12.5 = 1/2" ■ consisting of: shift lever · 2 screws · ball and compression spring and pawl For HAZET reversible ratchet 916 S · 916 SP · 916 GK · 916 Lg · 916 L · 916 GL · 916 ST	916 SP/6	144624
• Replacement set for ratchet wheel 12.5 = 1/2" ■ consisting of: shift lever · screws · ball · compression spring · ratchet wheel and pawl For HAZET reversible ratchet 916 SP · 916 GK · 916 Lg · 916 L · 916 GL · 916 ST	916 SP/7-1	046348
• Replacement set for ratchet wheel 12.5 = 1/2" ■ consisting of: shift lever · screws · ball · ratchet wheel and pawl For HAZET reversible ratchet 916 K	916 K/7	155743



Information

Components and spare parts



Spare parts (E)	HAZET No.	EAN-No. 4000896+
For reversible ratchet etc.		
• Replacement set for shift lever consisting of: shift lever · screws · ball · compression spring For HAZET reversible ratchet 1016 · 1016/2 For HAZET torque wrench 5145-3 CT · 6132-1 CT · 6143 CT · 6143-1 CT · 6144 CT · 6144-1 CT · 6145 CT · 6145-1 CT · 6146-1 CT	1016/6	001972
• Replacement set for ratchet wheel 20 = 3/4" ■ consisting of: ratchet wheel · pawl · shift lever · screws · ball · compression spring For HAZET reversible ratchet 1016 · 1016/2 For HAZET torque wrench 5145-3 CT · 6132-1 CT · 6143 CT · 6143-1 CT · 6144 CT · 6144-1 CT · 6145 CT · 6145-1 CT · 6146-1 CT	1016/8 N	001989
• Insert square for HAZET adapter 1058-2	1058-02 A	233557
• Replacement set for shift lever consisting of: shift lever · screws · ball · compression spring For HAZET reversible ratchet 1116 For HAZET torque wrench 6150-1 CT · 6160-1 CT · 6170-1 CT · 7250-2 sTAC · 7250-5 sTAC	1116/6	003228
• Replacement set for ratchet wheel 25 = 1" ■ consisting of: shift lever · screws · ball · compression spring · pawl · ratchet wheel For HAZET reversible ratchet 1116 For HAZET torque wrench 6160-1 CT · 6170-1 CT	1116/8 N	003235
For range of pullers/extractors		
• Puller hook 170 mm	1777-03	134281
• Spindle M 14x1.5x140 For HAZET puller 1786 F-9 · 13 · 1786 S-1 · 1786 S/12 · 1786 FS/6 · 1787 F-9 · 13 · 1787 S-1	1786-01	134724
• Spindle G 1/2x210 for 1786 F-16 · 20 · 1786 S-2 · 1787 F-16 · 20 · 1787 S-2	1786 S-03	134793
• Spindle G 1/2x210 for 1786 F-16 · 20 · 1786 S-2 · 1787 F-16 · 20 · 1787 S-2	1786 S-03	134793
Various component parts		
• Telescopic spring for 1805-3 · 1806-1 to -4	1806-01	006175
• Conversion tips · bent at 90° To convert the pliers 1846 a-5 1846 c-5	1846 b-05/2 1846 d-05/2	081318 081370
• Replacement set consisting of: 1 pair of jaws · 15 mm wide · 2 screws and 2 sleeves For 1932-1 · -2 · -5	1932-1/6	007820
• Replacement set consisting of: 1 pair of jaws · 30 mm wide · 2 screws and 2 sleeves For 1932-1 · -2 · -5	1932-2/6	007905
• Spare heads · pair for HAZET plastic soft-faced hammer 1952-28 1952-35 1952-40 1952-50	1952-028 1952-035 1952-040 1952-050	008391 008414 008438 008452
• Replacement set consisting of: 1 handle and 2 cylinder screws For 1959-3 and -4	1959-03/3	008711
• Replacement set consisting of: grip 1963-015 for housing · 1963-016 for handle	1963/02	008964
• Chuck jaws · 2 pieces for 1963	1963-05	008957
• Spare cutting crowns, set of 5, for 1967	1967-01/5	211319
• Tip for HAZET welding spot drill 1967	1967-02	009336
• Mirror and 2 spare bulbs for HAZET inspection mirror 1977-1	1977-01/3	009794
• Spare bulb for HAZET inspection mirror 1977-1	1977-02	070442
• Spare bulb for HAZET flexible light 1977-1	1978-01	076154
• Light unit for 1979-6	1979-6-02	173808
• Hook for 1979-6	1979-6-03	173815
• Replacement battery for 1979-6	1979-6-05	173822
• Fuse for 1979-6	1979-6-07	173846
• Saw blade for 1981, made of chrome-alloyed tool steel • Number of teeth/inch: 32 (1 inch = 25.4 mm)	1981-01	009848
• Plastic clip , empty, for HAZET offset screwdriver set 2105 Lg/9 H	2105 Lg/9 H L	012022

Spare parts (E)	HAZET No.	EAN-No. 4000896+
Various component parts		
• Diaphragm for HAZET stethoscope 2151	2151-01	013050
• Ear tips for HAZET stethoscope 2151	2151-02/2	062287
• Tubular lamp · Soffitte for 2153	2153-00	013128
• Snap-off blades , e.g. for trimming knife 2157 · 7 break-away parts 100x18 mm set of 10 pieces	2157-04	013210
• Trapezoid blades with 2 holes · e.g. for universal knife 2157 set with 10 pieces	2157-05	013227
• Hook blades · e.g. for universal knife 2157 · set of 10	2157-06	013234
• Trapezoid blades with 3 holes · e.g. for 2157-1 set with 10 pieces	2157-07	150977
• Replacement set consisting of: belt and rivet for 2170 • Belt length 600 mm • Cotton textile tape · rubber coated · belt height 19.6 mm • Non-skidding	2170/2	013388
• Tightening strap · 396 mm long · for 2171-5	2171-05	013395
• Tightening strap · 496 mm long · for 2171-6	2171-06	013401
• Replacement set for ratchet wheel $\varnothing 6.3 = 1/4"$ consisting of: ratchet wheel · pawl · shift lever · screws · ball · compression spring For HAZET reversible ratchet 863 BGL · 863 BKC · 863 BK · 863 MBit · 2264	2264/7	015917
• Replacement set for ratchet wheel $\varnothing 8 = 5/16"$ consisting of: ratchet wheel, pawl · shift lever · screws · ball · compression spring For HAZET reversible ratchet 2264-1 · 6408-1	2264-1/7	015900
• Spare chain for 4682-1	4682-03	149421
• Spare chain for 4682	4682-01	022175
• Replacement set · 9 pieces for repairing the cutting chain 4682-01 For 4682	4682-01/9	057214
• Pipette for 4810 A · 4810 B	4810 B-05	082650
• Pull handle for collecting the cutting wire	4852-3	129454
• Wire starter for puncturing the glue bead	4852-5	129478
• Replacement set for safety spring vice 4900-1 A und -2 A consisting of 2 straight pins and 1 O-ring	4900-02 A/3	069415
• Replacement set for safety spring vice 4900-1 and 4900-2 consisting of 5 straight pins and 2 O-rings	4900-02/7	063437
• Plastic insert for protection of the lacquered spring surfaces preventing coil damage due to corrosion	4900-100 4900-110 4900-120	061136 061143 061150
• High-pressure manometer Suitable for use with HAZET hydraulic foot pump 4932-100 • 63 up to 1000 bar • Pressure control when using a spindle with limited capacity • Cu seal and cutting ring for accurate manometer adjustment	4932-101	168057
For torque wrenches		
• Sliding square without knob 10 = 3/8" ■ For 5110 CT · 5110 ST · 5110-1	5110-02	022373
• Replacement display window For HAZET CLT torque wrench 5121-2 CLT · 5122-2 CLT · 5123-2 CLT	5000 CLT-02	117154
• Sliding square 12.5 = 1/2" ■ For 5121 CT · 5121 ST · 5121-1 5122 CT · 5122 ST · 5122-1 5123 CT · 5123 ST · 5123-1	6414-1	027675
• Replacement set for spindle complete two cylinder pins For HAZET torque wrench 6391-12 · V · 6391-25 · V · 6391-35 · V · 6391-50 · V	6391-03/3	026968
• Replacement set Spindle complete, 2 cylinder pins for: 6391-25 · 35 · 50 6391-85	6391-04/3 6391-05/3	026975 026982
• Plastic handle For HAZET torque wrench 6391-12 · V 6391-25 · V · 35 · V · 50 · V · 85 · V 6392-200 · V · 320 · V	6391-06 6391-07 6392-04	026999 027002 027095

Spare parts (E)	HAZET No.	EAN-No. 4000896+
For torque wrenches		
• Replacement set for twist lock consisting of: lock spring · twist lock with 2 headless screws For HAZET torque wrench 6010-1 CT · 6110-1 CT · 6114-1 CT · 6290-1 CT	6110-27	025053
• Replacement set for twist lock consisting of: lock spring · twist lock with 2 headless screws For HAZET torque wrench 5121-2 CLT · 5122-2 CLT · 5123-2 CLT · 5128-2 CLT · 6021-1 CT · 6022-1 CT · 6023-1 CT · 6111-1 CT · 6115-1 CT · 6121-1 CT · 6122-1 CT · 6123-1 CT · 6127-1 CT · 6128-1 CT · 6291-1 CT · 6292-1 CT · 6293-1 CT · 6722 TAC · 6291-2 CT	6122-27	025299
• Replacement set for twist lock consisting of: twist lock · lock spring and cylinder screw For HAZET torque wrench model year → 2013 6132-1 CT · 6143-1 CT · 6144-1 CT · 6145-1 CT · 6150-1 CT · 6160-1 CT · 6170-1 CT · 6243-1 CT · 6244-1 CT · 6245-1 CT · 6146-1 CT · 6246-1 CT, 6294-1 CT · 6295-1 CT · 6296-1 CT	6144-01/3	025527
• Replacement set for twist lock consisting of: twist lock · lock spring and cylinder screw For HAZET torque wrench model year 2014 → 6132-1 CT · 6143-1 CT · 6144-1 CT · 6145-1 CT · 6150-1 CT · 6160-1 CT · 6170-1 CT · 6243-1 CT · 6244-1 CT · 6245-1 CT · 6146-1 CT · 6246-1 CT, 6294-1 CT · 6295-1 CT · 6296-1 CT	6144-02/3	192557
• Replacement set for ratchet wheel 20 = 3/4" ■ consisting of: ratchet wheel · pawl · shift lever · screws · ball · compression spring For HAZET reversible ratchet 1016 · 1016/2 For HAZET torque wrench 5145-3 CT · 6132-1 CT · 6143 CT · 6143-1 CT · 6144 CT · 6144-1 CT · 6145 CT · 6145-1 CT · 6146-1 CT	1016/8 N	001989
• Replacement set for ratchet wheel 25 = 1" ■ consisting of: shift lever · screws · ball · compression spring · pawl · ratchet wheel For HAZET reversible ratchet 1116 For HAZET torque wrench 6160-1 CT · 6170-1 CT	1116/8 N	003235
• Replacement set for ratchet wheel 10 = 3/8" ■ consisting of: ratchet wheel, pawl, shift lever, screws, ball, compression spring Für Umschaltknarre HAZET 8816 G · 8816 GK · 8816 P · 8816 ST For HAZET reversible ratchet 5110-2 CT · 5110-3 CT · 5111-3 CT · 6110 CT · 6110-1 CT · 6111-1 CT · 6114-1 CT · 6115-1 CT · 6402-1	8816 P/7 N	042234
• Replacement set for shift lever 12.5 = 1/2" ■ consisting of: ratchet wheel · pawl · shift lever · screws · ball · compression spring · spring washer · circlip For HAZET torque wrench 5121-2 CT · 5122-2 CT · 5123-2 CT · 5121-3 CT · 5122-3 CT · 5123-3 CT · 5121-2 CLT · 5122-2 CLT · 5123-2 CLT · 5128-2 CLT · 5122 ST-1 · 6121 CT · 6122 CT · 6123 CT · 6121-1 CT · 6122-1 CT · 6123-1 CT · 6127-1 CT · 6128-1 CT · 6722 TAC	6122/9 N	025343
• Replacement set for ratchet wheel 12.5 = 1/2" outside square consisting of: ratchet wheel · pawl · shift lever · screws · ball · compression spring For torque wrench HAZET 5120-2 CT · 5120-3 CT	5120/7	235490
• Replacement set for ratchet wheel 20 = 3/4" ■ consisting of: ratchet wheel · pawl · shift lever · screws · ball · compression For 6150-1 CT · 7250-2 sTAC · 7250-5 sTAC	6150/8	151431

Spare parts (E)	HAZET No.	EAN-No. 4000896+
For torque wrenches		
• Replacement set for ratchet wheel 6.3 = 1/4" ■ consisting of: ratchet wheel · pawl · shift lever · screws · ball · compression spring For HAZET torque wrench 5107-2 CT · 5107-3 CT · 5108-2 CT · 5108-3 CT · 6108-1 CT · 6109-1 CT · 6109-2 CT · 6401-1	6401/7	111169
• Replacement set for ratchet wheel 6.3 = 1/4" ■ consisting of: ratchet wheel with quick-release press-button · pawl · shift lever · screws · ball · compression spring For 6401-1 S as well as for conversion of insert reversible ratchet 5107-2 CT · 5107-3 CT · 5108-2 CT · 5108-3 CT · 6106-1 CT · 6108-1 CT · 6109-2 CT	6401-1 S/7	111152
• Replacement set for ratchet wheel 12.5 = 1/2" ■ consisting of: ratchet wheel · pawl · shift lever · screws · ball · compression spring · spring washer · locking ring For 6403-1 · 6404-1	6403-1/9	070749
• Replacement set for ratchet wheel 12.5 = 1/2" ■ consisting of: ratchet wheel with quick-release press-button · pawl · shift lever · screws · ball · compression spring · spring washer · circlip For 6403-1 S · 6404-1 S	6403-1 S/9	070817
• Replacement set for shift lever consisting of: shift lever · screws · ball · compression spring For HAZET reversible ratchet 1016 · 1016/2 For HAZET torque wrench 5145-3 CT · 6132-1 CT · 6143 CT · 6143-1 CT · 6144 CT · 6144-1 CT · 6145 CT · 6145-1 CT · 6146-1 CT	1016/6	001972
• Replacement set for shift lever consisting of: shift lever · screws · ball · compression spring For HAZET reversible ratchet 1116 For HAZET torque wrench 6150-1 CT · 6160-1 CT · 6170-1 CT · 7250-2 sTAC · 7250-5 sTAC	1116/6	003228
• Replacement set for shift lever consisting of: shift lever · screws · ball · compression spring · pawl For HAZET reversible ratchet 8816 G · 8816 GK · 8816 P · 8816 S · 8816 ST · 916 K · 2264-1 For HAZET torque wrench 5110-2 CT · 5120-2 CT · 5110-3 CT · 5111-3 CT · 5120-3 CT · 6110 CT · 6110-1 CT · 6111-1 CT · 6114-1 CT · 6115-1 CT · 6402-1 · 6402-1 S · 6408-1	8816 P/6	144617
• Replacement set for shift lever consisting of: shift lever · screws · ball · compression spring For HAZET torque wrench 5107-2 CT · 5107-3 CT · 5108-2 CT · 5108-3 CT · 6106-1 CT · 6108-1 CT · 6109-1 CT · 6109-2 CT · 6401-1 · 6401-1 S · 6408	6401-1/6	146048
• Replacement set for shift lever consisting of: shift lever · screws · ball · compression spring · spring washer and circlip For HAZET insert reversible ratchet 6403-1 · 6403-1 S · 6404-1 · 6404-1 S	6403-1/7	070756
• Replacement set for shift lever consisting of: shift lever · screws · ball · compression spring · spring washer · circlip For HAZET torque wrench 5121-2 CLT · 5121-2 CT · 5121-3 CT · 5122-2 CLT · 5122-2 CT · 5122-3 CT · 5122 ST-1 · 5123-2 CLT · 5123-2 CT · 5123-3 CT · 5128-2 CLT · 6121-1 CT · 6121 CT · 6122-1 CT · 6122 CT · 6123-1 CT · 6123 CT · 6127-1 CT · 6128-1 CT · 6722 TAC	6122/7	025329
• Reversible ratchet with screw complete replaceable: ■ 20 = 3/4" model year → End 2004 For HAZET torque wrench 6132-1 CT · 6143 CT · 6143-1 CT · 6144 CT · 6144-1 CT · 6145 CT · 6145-1 CT · 6146-1 CT	6143-01	111190



Information

Components and spare parts



Spare parts (E)	HAZET No.	EAN-No. 4000896+
For torque wrenches <ul style="list-style-type: none"> • Reversible ratchet with screw complete replaceable: ■ 20 = ¾" model year 2005 → For HAZET torque wrench 5145-3 CT · 6132-1 CT · 6144 CT · 6144-1 CT · 6145 CT · 6145-1 CT · 6146-1 CT 	6145-01	111206
<ul style="list-style-type: none"> • Replacement set for optical signal transmitter consisting of: red button, · compression spring · black housing · pin · screw For HAZET torque wrench 6021-1 CT · 6022-1 CT · 6023-1 CT · 6110 CT · 6110-1 CT · 6111-1 CT · 6114-1 CT · 6115-1 CT · 6121 CT · 6121-1 CT · 6122 CT · 6122-1 CT · 6123 CT · 6123-1 CT · 6127-1 CT · 6128-1 CT · 6291-1 CT · 6291-2 CT · 6290-1 CT · 6291 CT · 6292-1 CT · 6293-1 CT 	6122-29	025305
<ul style="list-style-type: none"> • Safety shear pin for 6800 Alu-700 6800 Alu-1400 	6800-01 6800-02	148080 148097
<ul style="list-style-type: none"> • O-ring to lock the torque reaction device For 6800 ALU-700 6800 ALU-1400 · 6800 ALU-Lg 1400 · 6800 ALU-2800 	6800-03 6800-04	148288 148295
<ul style="list-style-type: none"> • Support for 6800 Alu-700 	6800-05	148103
<ul style="list-style-type: none"> • O-ring to lock the safety shear pin For 6800 ALU-2800 	6800-08	148936
<ul style="list-style-type: none"> • O-ring and safety shear pin for 6800 Alu-1400 and Lg-1400 for 6800 Alu-2800 	6800-010/3 6800-011/2	147472 147465
<ul style="list-style-type: none"> • Safe box for safe storage of torque wrenches Up to size BX 8 with display window For HAZET torque wrench 5107-2 CT · 5107-3 CT · 5108-2 CT · 5108-3 CT · 5110-1 CT · 5110-2 CT · 5110-3 CT · 5120-2 CT · 5120-3 CT · 6110-1 CT · 6110-1 CT (CAL) · 6114-1 CT · 6290-1 CT · 6290-1 CT (CAL) 	6060 BX-2	024629
<ul style="list-style-type: none"> • Safe box for HAZET torque wrench 5121-1 CT · 5121-2 CLT · 5121-3 CT · 6111-1 CT · 6111-1 CT (CAL) · 6115-1 CT · 6121-1 CT · 6121-1 CT (CAL) · 6291-1 CT · 6291-1 CT (CAL) · 6291-2 CT · 6291-2 CT (CAL) 	6060 BX-4	024636

Spare parts (E)	HAZET No.	EAN-No. 4000896+
For torque wrenches <ul style="list-style-type: none"> • Safe box for HAZET torque wrench 5122-1 CT · 5122-2 CLT · 5122-2 CLT-PD · 5122-2 CT/5 · 5122-3 CT · 6122-1 CT · 6122-1 CT (CAL) · 6127-1 CT · 6292-1 CT · 6292-1 CT (CAL) 	6060 BX-6	024643
<ul style="list-style-type: none"> • Safe box for HAZET torque wrench 5123-1 CT · 5123-2 CLT · 5123-3 CT · 5128-2 CLT · 6123-1 CT · 6123-1 CT (CAL) · 6128-1 CT · 6293-1 CT · 6293-1 CT (CAL) 	6060 BX-8	102907
For pneumatic tools <ul style="list-style-type: none"> • Replacement grinding disc (6 holes) For Orbital Sander 9033-1 • Medium hard • With hook and loop fastener • Ø 150 mm with 5/16" threaded mount 	9033-010	139378
<ul style="list-style-type: none"> • Abrasive belts For belt sander 9033-4 330 x 10 mm. Pack contents 10 pieces. Grain size 80 	9033-480/10	139101
<ul style="list-style-type: none"> • Grain size 100 	9033-4100/10	139118
<ul style="list-style-type: none"> • Grain size 120 	9033-4120/10	139125
<ul style="list-style-type: none"> • Grinding pads For orbital sander 9033-1 and -2 6 holes For metalworking. Ø 150 mm. Pack contents 10 pieces Grain size 80 	9033-180/10	139330
<ul style="list-style-type: none"> • Grain size 100 	9033-1100/10	139347
<ul style="list-style-type: none"> • Grain size 120 	9033-1120/10	139354
<ul style="list-style-type: none"> • Grain size 150 	9033-1150/10	139361
<ul style="list-style-type: none"> • Spare needles For needle scaler 9035-5 19 needles, Ø 3 mm 	9035-050	139385
<ul style="list-style-type: none"> • Replacement set for 9036- Supper and lower cutter including spacer plate and screw 	9036-05/9	142569



Boxes, empty

without plastic inserts, order separately

Suitable for assortment	Box size outside mm	HAZET No.	EAN-No. 4000896+
Box, empty, made of plastic 854 X	184 x 153 x 52	165 X-S	195688
Tool box, empty made of metal For HAZET socket set 888 AZN · 888 N · 888 ZN · 1000 · 1000 AZ · 1000 Z · 1002 · 1002 Z · 1530 A/38 · 1530 M/49 · 1900/6 · 5292-1 CT/20 · 6292-1 CT/20 · 6292-1 CT/28	578 x 235 x 88	1000 KL	001200

Suitable for assortment	Box size outside mm	HAZET No.	EAN-No. 4000896+
Box, empty made of metal For HAZET socket set 1100 Z	759 x 305 x 115	1100 KL	157419
Box, empty made of metal For 986/9 · 990/9 · 992/9 · 1557/15 · 1557/20 · 1557 N/17 · 1557 N/9 · 2272/17 · 2351/15	225 x 123 x 46	2272 KL	015993
Case, empty, with insert For 4800/9		4800/9 KL	049820

2-component soft foam inserts for boxes above

Suitable for assortment	HAZET No.	EAN-No. 4000896+
163-30/25	163-30 L	118595
163-31/27	163-31 L	118625
163-53/75	163-53 L	122509
163-55/15	163-55 L	122523
163-57/56	163-57 L	122752
163-58/27	163-58 L	122769
163-60/22	163-60 L	122776
163-95/8	163-95 L	145966
163-96/3	163-96 L	145973
163-97/6 · 606 N/6	163-97 L	145980
163-98/17	163-98 L	145997
163-99/18	163-99 L	146000
163-100/13	163-100 L	146017
163-101/9	163-101 L	146024
163-102/27	163-102 L	146031
163-118/57	163-118 L	153480
163-119/23	163-119 L	153503
163-120/24	163-120 L	153565
163-121/4	163-121 L	153558
163-122/3	163-122 L	153527
163-124/4	163-124 L	153596
163-131/8	163-131 L	153619
163-138/77	163-138 L	151516
163-139/90	163-139 L	151523
163-140/33	163-140 L	151837
163-141/31	163-141 L	151844
163-143/18	163-143 L	151868
163-181/17 · 880/17	163-181 L	161492
163-182/9	163-182 L	161508
163-184/6	163-184 L	161515
163-185/5	163-185 L	161522
163-186/16	163-186 L	162338
163-191/18 · 932/18	163-191 L	162543
163-192/24	163-192 L	162550
163-211/20	163-211 L	164691
163-215/5 · 986/5	163-215 L	168132
163-217/6 · 958 N/6	163-217 L	168156
1557/10	163-218 L	168163

Suitable for assortment	HAZET No.	EAN-No. 4000896+
163-220/13 · 986/13	163-220 L	168200
163-222/13	163-222 L	168194
163-224/57	163-224 L	176328
163-226/4	163-226 L	178025
163-227/3	163-227 L	178131
163-229/7	163-229 L	178179
163-230/18	163-230 L	178148
163-243/7	163-243 L	178315
163-245/12	163-245 L	178308
163-251/14	163-251 L	178254
163-252/9	163-252 L	178247
163-257/4	163-257 L	179336
163-259/14	163-259 L	179541
163-264/5	163-264 L	180646
163-265/6	163-265 L	180653
163-269/3	163-269 L	180806
163-270/9 · 986/9	163-270 L	181049
163-271/9 · 992/9	163-271 L	181032
163-292/8	163-292 L	186365
163-296/7	163-296 L	186693
163-297/26	163-297 L	186273
163-299/8	163-299 L	186747
163-302/6 · 880/6	163-302 L	186594
669/10	163-306 L	190997
4760-M 8x1/9	163-321 L	191963
4760-M 9x1/9	163-322 L	192021
4760-M 10x1/9	163-323 L	192076
4760-M 10x1.25/9	163-324 L	192113
4760/6	163-325 L	192182
4797/10	163-326 L	191741
2272/23 N	163-333 L	192588
880 N-1	163-334 L	193431
880 ZN-1	163-335 L	193424
849	163-336 L	195404
854	163-337 L	194261
854-1	163-338 L	194469
854 T	163-339 L	194452
4910/13	163-340 L	194445

Suitable for assortment	HAZET No.	EAN-No. 4000896+
2200/36	163-341 L	194339
900 · 900 Z	163-342 L	194438
1557/29	163-345 L	194407
1557/32	163-346 L	194896
844/5	163-347 L	194889
1557/21	163-348 L	194391
882-1	163-349 L	194384
853-1	163-350 L	194872
882	163-351 L	194377
880-2	163-353 L	194360
855-1	163-354 L	194353
1557/58	163-356 L	194322
900 AZ	163-357 L	194315
906	163-358 L	194308
954 N	163-359 L	194292
1557/9	163-360 L	194285
986/9 N	163-361 L	193844
163-362/39	163-362 L	193929
163-366/18	163-366 L	197071
163-367/31	163-367 L	197293
163-369/104	163-369 L	197309
163-370/9	163-370 L	197286
163-371/7	163-371 L	197279
163-372/25	163-372 L	197262
163-373/39	163-373 L	197248
163-374/27	163-374 L	197231
163-375/5	163-375 L	197347
163-376/54	163-376 L	197330
163-377/11	163-377 L	197361
163-378/11	163-378 L	197316
163-379/38	163-379 L	197354
163-380/4	163-380 L	197255
163-381/9	163-381 L	197323
163-382/3	163-382 L	197125
863 MBIT/33	163-384 L	197392
163-385/12 · 606 N/12	163-385 L	197101
163-406/20	163-406 L	200009
163-407/35	163-407 L	200016



Information



General safety recommendations



- Select the right tool
- Use the tool as indicated in the operating instructions
- Wear eye protection
- Keep tools clean
- Use tools with protective insulation when working on live components



Read operating instructions before use



Measuring units serve to select the right-sized tools



Wear safety glasses



An optimal frictional connection guarantees a long service life of tools and screws



Use hearing protection



Do not modify tools



Only use suitable specialty tools to extend the lever arm



Hand-operated tools are not suitable for use with impact wrenches



Do not hit hand tools with a hammer



Never open more than one drawer at a time (danger of tipping over)



Avoid splintering due to incorrect striking



Never use drawers as a ladder



Never use a screwdriver as a pry bar or chisel



Never pull tool trolleys



Select screwdriver with an appropriate blade. Always be sure that the screwdriver blade is vertical to the screw



Dispose of worn-out tools



Equivalent standard bolt diameters

German, American, British, Norwegian, French and Swedish dimensions for wrenches
(Only sizes printed in the dark column can be ordered)

Metric dimensions										
Wrench size and nominal size mm	Thread diameter									
	DIN ISO 272					Swedish dimensions SMS				
	normal hexagon		large hexagon		with flange	Norwegian dimensions	French dimensions	Metric sizes		Whitworth
	normal hexagon	large hexagon	Screw	Nut	small 1414			large 1412	small 1415	
3										
3,2	1,6									
3,5										
4	2				1,7	2,5	2,3			
4,5					2		2,6			
5	2,5				2,3	3	3			
5,5	3				2,6					
6					3	3,5	3,5	3		
7	4		5		3,5	4,4,5	4	3,5		
8	5		6	5	4	5	5	4		
9					5	5,5	5			
10	6		8	6		6	6			
11	7				6	7	7	6		
12						7	8			
13	8		10	8					5/16	1/4
14					8	8		8		
15			12	10			10		3/8	5/16
16	10					9				
17					9	10	10	10		
18	12		14	12			12		7/16	3/8
19					11	11				
20										
20,8	Spark Plugs M 14									
21	14	12	16	14		12	14		1/2	7/16
22					12	14		12	14	
23						14				1/2
24	16	14		16			16		5/8	
25										
26	Spark Plugs M 18									
27	18	16	20		16		18	16		
28									3/4	5/8
29						18				
30	20	18		20			20			
32					18	20	22	18	20	
33									7/8	3/4
34	22	20					24			

American dimensions						
Wrench size and nominal size	Thread diameter					
	Inches	mm	Thread diameter			
			Bolts and nuts according to SAE	USS		Americ. Stand.
				Screws & Nuts	Head screws	
1/8	3,175					
5/32	3,97				0 1	
3/16	4,76				2 3	
13/64	5,16					
7/32	5,56					
15/64	5,95					
1/4	6,35				4	
17/64	6,75					
9/32	7,14					
19/64	7,54					
5/16	7,94	1/8	1/8	5 6		
11/32	8,73				8	
3/8	9,52		3/16	10		
13/32	10,32					
7/16	11,11	1/4	1/4	12 1/4	1/4	
15/32	11,90					
1/2	12,70	5/16	1/4	5/16		5/16
9/16	14,29	3/8	3/8	5/16	3/8	
19/32	15,08	5/16				
5/8	15,88	7/16	7/16	3/8	7/16	
11/16	17,46	3/8				
3/4	19,05	1/2	1/2	7/16	1/2	
25/32	19,84	7/16				
13/16	20,64		9/16	1/2	9/16	
7/8	22,22	9/16	1/2	5/8	9/16	5/8
15/16	23,81	5/8				
31/32	24,61	9/16				
1	25,40	11/16	3/4	5/8	3/4	
1.1/16	26,99	3/4	5/8			
1.1/8	28,57		7/8	3/4	7/8	
1.3/16	30,16					
1.1/4	31,75	7/8	3/4	1		
1.5/16	33,34			7/8	1	

British dimensions					
Wrench size and nominal size	Thread diameter				
	BSW Large 6-point BS 192	BSF and BSW small 6-point BS 1083		Wrench size	
		W	BS		BA
			10	.117 2,97	
			9	.131 3,33	
			8	.152 3,86	
			7	.172 4,37	
			6	.193 4,90	
			5	.220 5,59	
			4	.248 6,30	
1/16 = 3/32				.256 6,50	
			3	.282 7,16	
3/32 = 1/8				.297 7,54	
			2	.324 8,23	
1/8 = 3/16				.340 8,64	
			1	.365 9,27	
			0	.412 10,49	
3/16 = 1/4				.445 11,30	
			1/4 = 5/16	.525 13,33	
5/16 = 3/8				.600 15,24	
3/8 = 7/16				.710 18,03	
7/16 = 1/2				.820 20,83	
1/2 = 9/16				.920 23,34	
9/16 = 5/8				1.010 25,65	
5/8 = 11/16				1.100 27,94	
11/16 = 3/4				1.200 30,48	
3/4 = 7/8				1.300 33,02	



Equivalent standard bolt diameters

German, American, British, Norwegian, French and Swedish dimensions for wrenches
(Only sizes printed in the dark column can be ordered)

Metric dimensions										
Wrench size and nominal size mm	Thread diameter									
	DIN ISO 272				Norwegian dimensions	French dimensions	Swedish dimensions SMS			
	normal hexagon	large hexagon	with flange				Metric sizes		Whitworth	
			Screw	Nut	small 1414	large 1412	small 1415	large 1413		
35					22					
36	24	22		22 24			22 24			
37								1	7/8	
38					24					
41	27	24		27			27			
42					27			1.1/8	1	
46	30	27		30	30		30			
47								1.1/4	1.1/8	
50	33	30		33	33		33			
52								1.3/8	1.1/4	
54					36					
55	36	33		36			36			
56								1.1/2	1.3/8	
58					39					
60	39	36		39			39	1.5/8	1.1/2	
63					42					
65	42	39		42			42	1.3/4	1.5/8	
67					45					
70	45			45			45	1.7/8	1.3/4	
71					48					
75	48			48			48	2	1.7/8	
77					52					
80	52			52			52		2	
82					56					
85	56			56			56		2.1/4	
88					60					
90	60			60			60			
94					64					
95	64			64			64		2.1/2	
100	68			68	68		68			
105	72			72	72		72		2.3/4	
110	76			76	76		76		3	
115	80			80			80			
116					80					
120	85			84			85		3.1/4	
130	90			89			90		3.1/2	
135	95			94			95		3.3/4	
145	100			99			100		4	
150	105			104			105			
155	110			109			110		4.1/4	

American dimensions								
Wrench size and nominal size	Thread diameter							
	Inches	mm	Bolts and nuts according to SAE		USS		Americ. Stand.	
			Screws & Nuts	Head screws	Screws & Nuts	Head screws		
							Screws & Nuts	Head screws
1.3/8	34,92					1.1/8		
1.7/16	36,51	1	7/8					
1.1/2	38,10				1.1/4	1	1.1/8	
1.9/16	39,69							
1.5/8	41,28	1.1/8	1	1.3/8				
1.11/16	42,86					1.1/8	1.1/4	
1.3/4	44,45							
1.13/16	46,04	1.1/4	1.1/8					
1.7/8	47,63				1.1/4			
2	50,80	1.3/8	1.1/4					
2.1/16	52,39					1.3/8	1.1/4	
2.3/16	55,56	1.1/2	1.3/8					
2.1/4	57,15					1.1/2		
2.3/8	60,32		1.1/2					
2.7/16	61,91					1.5/8		
2.9/16	65,09		1.5/8					
2.5/8	66,68					1.3/4		
2.3/4	69,85		1.3/4					
2.13/16	71,44					1.7/8		
2.15/16	74,61		1.7/8					
3	76,20					2		
3.1/8	79,38		2					
3.3/8	85,72					2.1/4		
3.1/2	88,90		2.1/4					
3.3/4	95,25					2.1/2		
3.7/8	98,42		2.1/2					
4.1/8	104,78					2.3/4		
4.1/4	107,95		2.3/4					
4.1/2	114,30					3		
4.5/8	117,48		3					
5	127,00		3.1/4					
5.3/8	136,52		3.1/2					
5.3/4	146,05		3.3/4					
6.1/8	155,57		4					

British dimensions					
Wrench size and nominal size	Nominal size Thread inches			Wrench size	
	BSW Large 6-point BS 192	BSF and BSW small 6-point BS 1083	BA	Inch	mm
1.3/8	=1.5/16			1.390	35,31
7/8	=1			1.480	37,59
15/16	=1.1/16			1.580	40,13
1	=1.1/8			1.670	42,42
1.1/8	=1.1/4			1.860	47,24
1.1/4	=1.3/8			2.050	52,07
1.3/8	=1.1/2			2.220	56,39
1.1/2	=1.5/8			2.410	61,21
1.5/8	=1.3/4			2.580	65,53
1.3/4	=2			2.760	70,10
2	=2.1/4			3.150	80,01
2.1/4	=2.1/2			3.550	90,17
2.1/2	=2.3/4			3.890	98,81
2.3/4	=3			4.180	106,17
3	=3.1/4			4.530	115,06
3.1/4	=3.1/2			4.850	123,19
3.1/2	=3.3/4			5.180	131,57
3.3/4	=4			5.550	140,92



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Environmental management

We wish to avoid substances hazardous to water (e.g. acids, lyes, oils, coolants etc.) or store and use them in such a way that no damage is done to the environment. Wastewater must only be discharged in clean condition. Emissions that come from our company must not cause any damage to the environment or people. Carefully handling the resources and actively protecting the environment are part of our corporate responsibility.

Consumption of resources

Corporate environmental protection to us means looking at, analysing and improving company processes in their entirety. Negative impacts on the environment can only be reduced by taking appropriate care during production and provision of services.

Compliance with legal regulations, continuous improvement

We are obligated to comply with the official requirements, laws and provisions and constantly improve the corporate environmental protection. For all measures for protecting the environment, we orientate ourselves by the best available and economically viable technology.

Employee development

Successful environmental protection can only be achieved through the active cooperation of all employees. We therefore wish to inform and educate all employees to the extent that they can actively take joint responsibility.

Active public relations

We wish to engage in an open and objective dialogue with the business partners, neighbours, authorities and the interested public regarding negative environmental impacts of our company and are receptive to suggestions for improvement.

Procurement

When procuring our raw and auxiliary materials, we consider ecological criteria and we prefer suppliers who place a similarly high amount of importance on environmental protection as we do.

Monitoring

We regularly monitor and assess the environmental impacts of our company as well as the attainment of our set targets, which are adapted when new knowledge is acquired.

