

PRESEKAR

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Das Werkzeug

Car specialty tools



WHB23/EN/XX/0



Errors excepted





Specialty tools



Engine

Engine timing / Timing belt	415–418
Spark and glow plug	419–423
Cylinder head	424
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Oil service

441–447



Brakes

448–455



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Electricity / Battery service

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Body and interior equipment

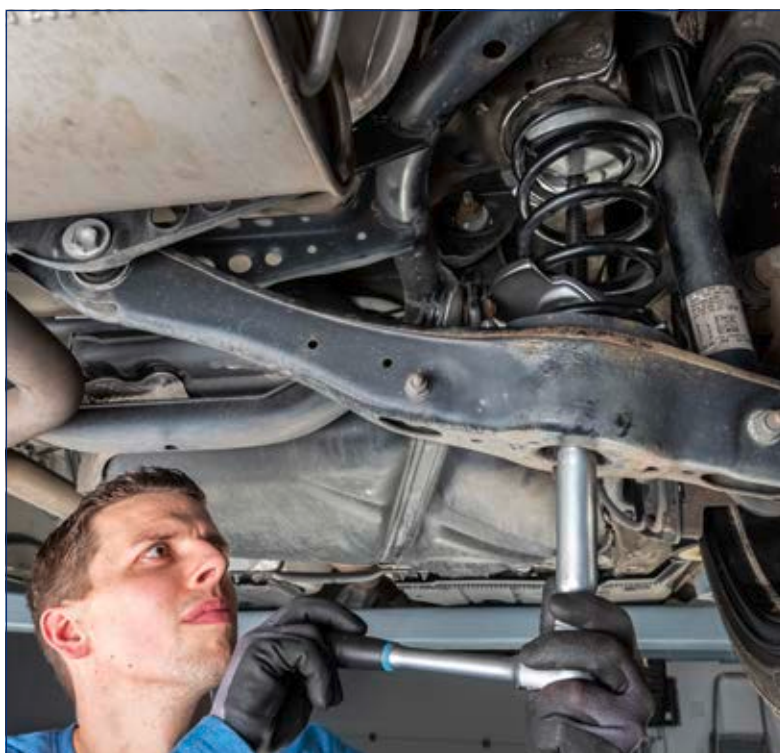
Car body repair	486–494
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Commercial vehicles

Engine	496–499
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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 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

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

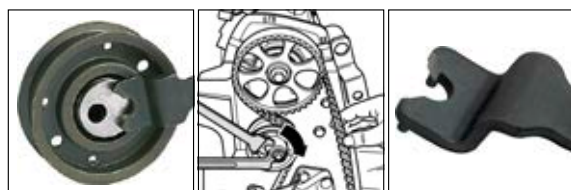


2587 Timing belt double-pin wrench

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 I 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 I diesel · Passat 1.6 · Passat 2.0 · Polo 1.9 SDi · TDi
- **ŠKODA** 1.6 – 1.9 I diesel
- Offset
- Distance of pins: 18 mm, pin Ø: 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 I (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-nozzle injection · Sharan 1.9 TDi
- **ŠKODA** Octavia 1.9 TDi
- Distance of pins: 18 mm, pin Ø: 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 I petrol engine model
- Transporter T5 4-cylinder diesel
- **AUDI** A3
- **ŠKODA** Octavia
- Distance of pins: 18 mm, pin Ø: 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 · Doblo · 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: galvanized (free from Cr 6)



HAZET No.	EAN-No. 4000896+
3087-1	206759





Specialty tools

Engine – Engine timing / Timing belt



Product applications

Engine timing tools

hazet.de → 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

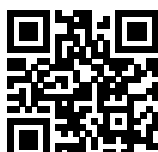
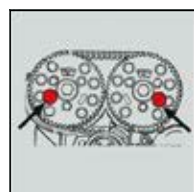
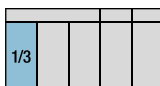
ŠKODA Felicia · Octavia model year 1993 · 2005 · Fabia

VW Lupo · Polo · Caddy · Golf · Bora · New Beetle · Passat ·

Sharan · Touran · Transporter · 1.7 · 1.9 D / TD / SDi / TDi

- Plastic box 165-L (1/3)

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



YouTube Clip

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
• Adjustment tool			
2588-9	–	–	137565

2588 Tool set for timing belt replacement

Germany 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

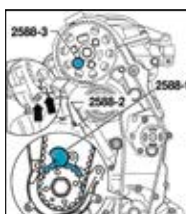
- Application: For timing belt replacement, e.g. on VW pump injector engines
- AUDI A2 · A4 · A3 · A6 · VW Passat · Golf · Bora · Beetle · Sharan · Lupo · Touran · SEAT Alhambra · Arosa · Altea · Toledo · León · ŠKODA Octavia · Fabia · Superb · Roomster · FORD Galaxy

Contents:

crankshaft fixing device 2588-1

locking plate 2588-2

locking pin 2588-3



YouTube Clip

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

Germany 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

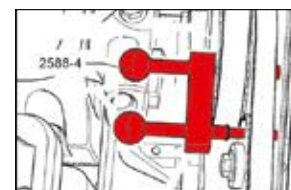
SEAT Arosa · Ibiza · León · Toledo · Córdoba 1.6 16V · León 1.4 16V

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 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 · ŠKODA

- 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
- **ŠKODA** 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 1/2" 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:



HAZET No.	l ₁ mm	l ₂ mm	mm	EAN-No. 4000896+
2788-T100H	60	100	22.15	206650

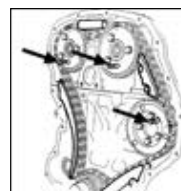


3488 Engine timing tool FORD

- 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 TDDi
FORD Fiesta · Escort · Orion · Courier · Focus · Focus C-Max · Mondeo model year 1988 → 2003 · Fusion · Transit
- Plastic box 165-L (1/3)
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistent



1/3				
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YouTube Clip

HAZET No.	L x W x H mm		EAN-No. 4000896+
3488/17	355x235x65	17	127795
• Flywheel locking tool			
3488-5	–	–	137060

- Application: 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



YouTube Clip

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

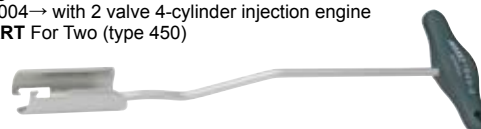


HAZET No.	l mm	EAN-No. 4000896+
1849-6	253	007110

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** · **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



YouTube Clip



HAZET No.	l mm	EAN-No. 4000896+
1849-12	156	204342

Overview spark and glow plugs

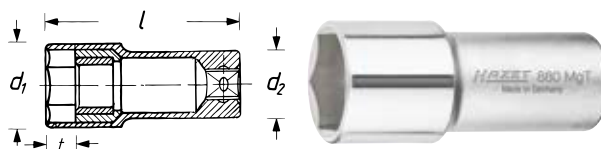
HAZET No.	mm	"	l mm	□
4760-2 (G)	8	—	142	10 3/8
2530 (G)	10	—	140	10 3/8
4766-2	14	—	64	10 3/8
4766-3	14	—	154	10 3/8
880 A MgT	16	5/8	64	10 3/8
880 A MgT-1	16	5/8	64	10 3/8
880 A KF	16	5/8	64	10 3/8
900 A MgT	16	5/8	71	12 1/2
900 A KF	16	5/8	71	12 1/2
4766	16	5/8	97	10 3/8
4766-1	16	5/8	270	10 3/8
4767 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 3/8" Spark plug socket

Made in Germany

- Application: **Spark plug changing**
- With permanent magnet
- Long design
- American dimensions**
- Surface: chrome-plated, polished

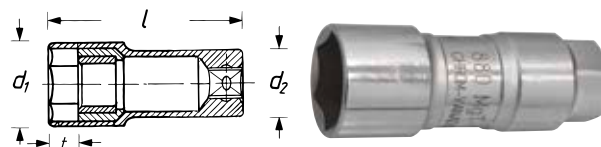


HAZET No.	S mm	S" 13/16	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
880 MGT	20.8	13/16	64	27.4	22.5	9	040872
880 A MGT	16	5/8	64	21.6	21.6	9	040247

Made in Germany

- With permanent magnet**

- Application: **Spark plug changing**
- Outside hexagon: 17 mm
- For motorcycles, e.g. **HONDA · YAMAHA · SUZUKI · KAWASAKI** etc.
- Long design
- Surface: chrome-plated, polished



HAZET No.	S mm	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
880 MGT-18	18	62	23.5	22.8	9.6	040889



Specialty tools

Engine – Spark and glow plug

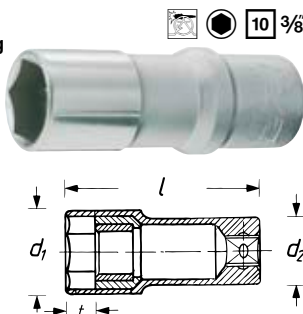


880 AMGT 3/8" Spark plug socket

Made in Germany

- Outside guide collar 23.6 mm for low-lying spark plugs

- Application: **Spark plug changing**
- With permanent magnet
- Long design
- **American dimensions**
- Surface: chrome-plated, polished



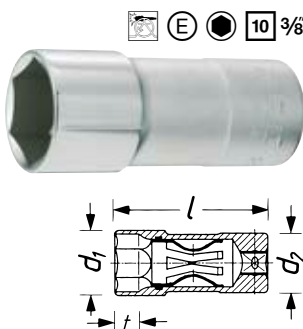
HAZET No.	S mm	S"	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
880 AMGT-1	16	5/8	64	21.9	21	9	040254

880 KF 3/8" Spark plug socket

Made in Germany

- The fixing clamp reduces the risk of insulator damage

- Application: **Spark plug changing** (s 20.8 mm = 13/16")
- **Fixing clamp** to hold the spark plug
- Long design
- **American dimensions**
- Surface: chrome-plated, polished

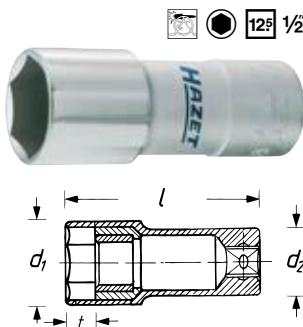


HAZET No.	S mm	S"	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
880 KF	20.8	13/16	64	27.4	25	10	040674
880 A KF	16	5/8	64	21.6	21.6	10	040131

900 MGT 1/2" Spark plug socket

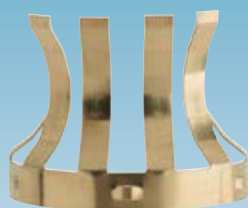
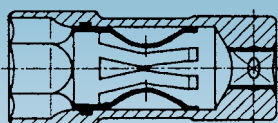
Made in Germany

- Application: **Spark plug changing**
- Magnetic bit retention
- **American dimensions**
- Surface: chrome-plated, polished



HAZET No.	S mm	S"	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
900 MGT	20.8	13/16	68	27.4	23.5	9	044023
900 A MGT	16	5/8	71	22.5	22.5	8.5	043491

Fixing clamp information



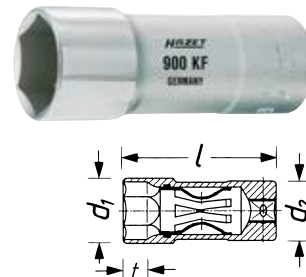
- Stainless and insensitive to heat
- Largest possible clearance of insulator
- 6 spring elements – firm hold of the spark plug
- Damping of transverse motion

900 KF 1/2" Spark plug socket

Made in Germany

- The fixing clamp reduces the risk of insulator damage

- Application: **Spark plug changing**
- **Fixing clamp** to hold the spark plug
- **American dimensions**
- Surface: chrome-plated, polished



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 3/8" Spark plug wrench

Made in Germany

- Adjustable in length from 137.5 mm to 157.5 and 197.5 mm

- Rubber ply
- **American dimensions**
- Drive with ball race
- Surface: chrome-plated



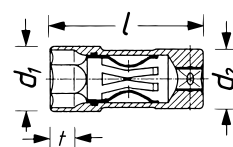
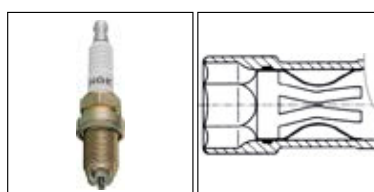
HAZET No.	S mm	S"	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
2505-2	20.8	13/16	197.5	29	16	7	016266

4766 3/8" Spark plug wrench

Made in Germany

- Short style

- Application: **Spark plug change (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
- Angular movement ± 25°
- **American dimensions**
- With hinge – for working in areas with restricted access and for getting around obstructive edges
- Drive with ball race
- Surface: chrome-plated



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

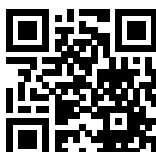


4766 3/8" Spark plug wrench

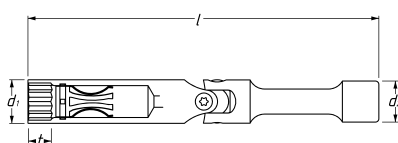
Made in Germany

• With fixing clamp for a firm hold of the spark plugs

- Application: **Spark plug change** (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



YouTube Clip

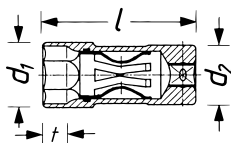


HAZET No.	S mm	S"	l mm	d1 mm	d2 mm	t mm	EAN-No. 4000896+
4766-1	16	5/8	270	21.4	18	10	048991

Made in Germany

• 12-point profile enables application of spark plugs with 6-point and 12-point

- Application: **Spark plug change** (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 ROMEO** 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



HAZET No.	S mm	l mm	d1 mm	d2 mm	t mm	EAN-No. 4000896+
4766-2	14	64	18	17.3	10	087655

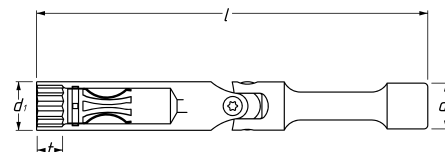
Made in Germany

• 12-point profile enables application of 14 mm spark plugs with 6-point and 12-point

- Application: **14 mm spark plug change** 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



4766 3/8" Spark plug wrench



HAZET No.	S mm	l mm	d1 mm	d2 mm	t mm	EAN-No. 4000896+
4766-3	14	154	19.1	18	10	199976

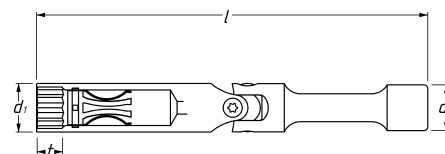
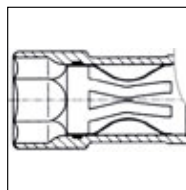
4767 AKF 1/2" Spark plug wrench

Made in Germany

• Spring in the joint



- Application: **Spark plug change** (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



HAZET No.	S mm	S"	l mm	d1 mm	d2 mm	t mm	EAN-No. 4000896+
4767 AKF	16	5/8	480	25.5	23	10	049028

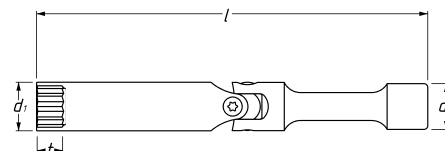
2530 3/8" Glow plug socket

Made in Germany

• With ball clamping to hold the glow plug



- Application: **Glow plug change** (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



HAZET No.	S mm	l mm	d1 mm	d2 mm	t mm	EAN-No. 4000896+
2530	10	140	15	18	9	016341



Specialty tools

Engine – Spark and glow plug

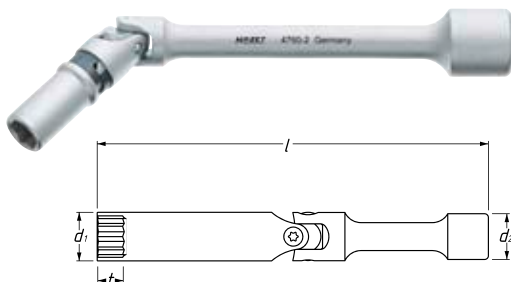


4760 3/8" Glow plug wrench

Made in Germany

• With ball clamping to hold the glow plug

- Application: **Glow plug change** (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



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 · SKODA · 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)



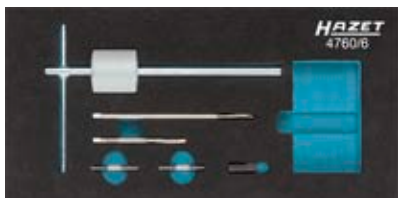
HAZET No.	EAN-No. 4000896+
4760-5	089130

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-M8 to -M10)
- Plastic box 165-L (1/3)
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



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
- Plastic box 165-S (1/9)
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



1/9				
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YouTube Clip

HAZET No.	L x W x H mm		EAN-No. 4000896+
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- Ripped out threads M8x1 are reworked on M10x1 thread
- 1 twist drill 6.8 mm with spacer sleeve
- 1 tap M8x1
- 1 tap M10x1
- 1 twist drill 9 mm
- 5 threaded inserts M8x1

4760-M 8 x 1/9	185x153x52	9	191536
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- Ripped out threads M10x1 are reworked on M12x1 thread
- 1 twist drill 9 mm with spacer sleeve
- 1 tap M10x1
- 1 tap M12x1
- 1 twist drill 11 mm
- 5 threaded inserts M10x1

4760-M 10 x 1/9	185x153x52	9	191529
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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

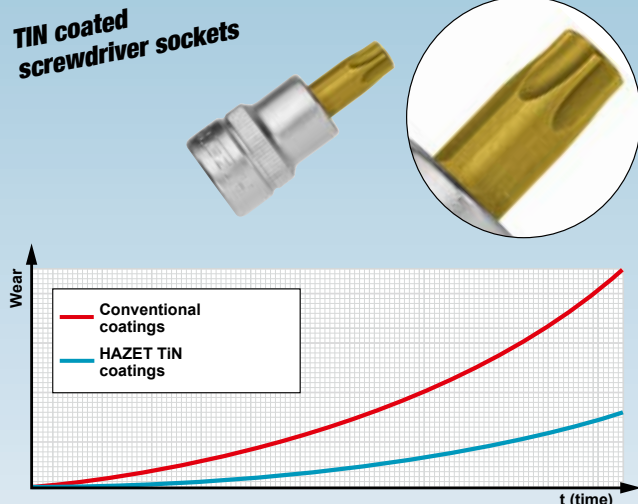
TiN coating

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



990 1/2" Screwdriver socket

TiN 12.9 1/2

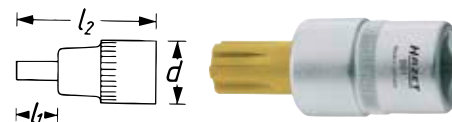
HAZET No.	S	l_1 mm	l_2 mm	d mm	EAN-No. 4000896+
990-10	M10	15	53	23	047253
990 LG-9	M9	62	100	23	103140
990 LG-14	M14	62	100	23	065240
990 SLg-10	M10	82	120	23	047369
990 SLg-12	M12	102	140	23	047376
2751	M10	100	140	23	017508

991 1/2" Screwdriver socket

Made in Germany

TiN 12.9 1/2

- Application: Cylinder head screw connection (RIBE CV screws), e.g. on FIAT 2.0 engines
- Short design
- With knurling
- Surface:



HAZET No.	S	l_1 mm	l_2 mm	d mm	EAN-No. 4000896+
991-12	M12	25	63	23	047413

992LG 1/2" Screwdriver socket TORX®

Made in Germany

TiN 12.9 1/2

- Application: Cylinder head screw connection (for inside TORX® screws)
- Long design
- With knurling
- Surface:



HAZET No.	S	l_1 mm	l_2 mm	d mm	ϕ mm	EAN-No. 4000896+
992 SLg-T55	T55	102	138	23	11.22	047642
992 LG-T55	T55	57	96	23.3	11.22	057337
992 LG-T70	T70	67	105	24.6	15.54	047611

2579 1/2" Cylinder head screwdriver socket

Made in Germany

12.9 1/2

- Application: Operating Polydrive cylinder head bolts on VW engines (VW · AUDI · SEAT · ŠKODA) and FORD 1.0 EcoBoost engines
- Extra long design
- With knurling



HAZET No.	l_1 mm	l_2 mm	d mm	EAN-No. 4000896+
2579-9	130	168	23	086931

986 SL 1/2" Screwdriver socket

Made in Germany

TiN 12.9 1/2

- Extra long design
- With knurling
- Surface:
- DIN 7422



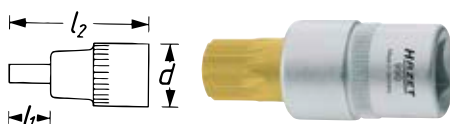
HAZET No.	S mm	l_1 mm	l_2 mm	d mm	EAN-No. 4000896+
986 SL- 8	8	102	140	23	232345
986 SL-10	10	102	140	23	232321

990 1/2" Screwdriver socket

Made in Germany

TiN 12.9 1/2

- Application: Cylinder head screw connection (XZN screws)
- Short design
- With knurling
- Surface:





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	Ø 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	Ø 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	Ø mm	EAN-No. 4000896+
790-1	220	50–100	031412
790-1 A	240	65–110	031429

790 Piston ring pliers

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	Ø mm	EAN-No. 4000896+
790-3	220	60–120	031450

795 Valve refacer

Made in Germany

- With suction cup



HAZET No.	Ø 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 of straight and curved jaws, 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 sealing 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 sealing 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 sealing 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

8502LGTH 1/4" → TORX® screwdriver socket

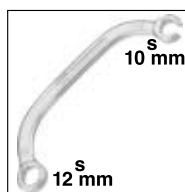
Made in Germany

- Application: For operating the EGR valve screw connection on **BMW** and **MINI** diesel engines N47 · N57 · B37 · B47 · B57
- With knurling
- Long, thin blade for areas with difficult access – it is not necessary to combine different tools

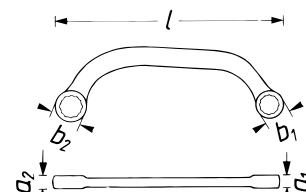


HAZET No.	s	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
8502LG-T30H	T30H	194	213	12	246076

615 S Double box-end wrench



YouTube Clip



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

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 →





Specialty tools

Engine – Fuel system / Fuel injection



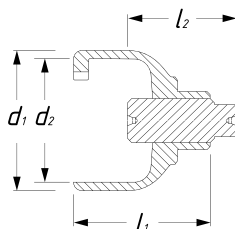
2517 High-pressure pump wheel hub extractor VAG

Made in Germany



- Especially suited to the very limited space at the installation site of the pump on the engine as well as the special shape of the wheel hub

- Application: Remove wheel hubs with no damage when dismantling the high-pressure pump
- For 1.4 l · 1.6 l · 2.0 l TDI/common rail engines:
VW Arteon · Golf 6-7 · Beetle · Polo 5-6 · Caddy · Passat · Sharan · Scirocco · Touran · Tiguan · T-Roc · Jetta · Crafter
AUDI A1 · A3 · A4 · A5 · A6 · TT · Q2 · Q3 · Q5
SEAT Ibiza · León · Toledo · Ateca · Arona · Alhambra · Altea · Exeo · Tarraco
ŠKODA Fabia · Suber · Octavia · Yeti · Kodiaq
- Hexagon for counterholding the puller: s 24 mm
- Spindle thread: TR 20x2
- Surface: aluminium puller, spindle burnished



HAZET No.	l ₁ mm	l ₂ mm	d ₁ mm	d ₂ mm	EAN-No. 4000896+
2517-1	63	50	64.5	57	246786

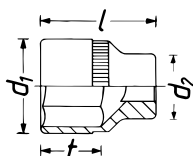
2561 1/4" Turbo charger socket · 12-point

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 →



HAZET No.	s mm	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
2561-10	10	57	15	15	40	203512

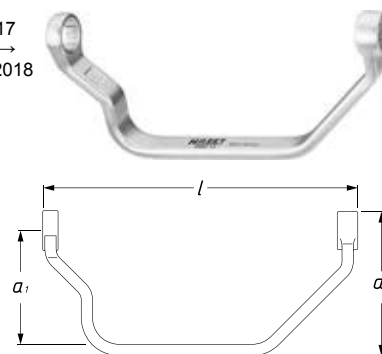
2584-13 3/8" Suction pipe / special wrench · VAG

Made in Germany



- Designed as a "suitcase handle", enabling the screw connections to be easily tightened with torque

- Application: Operation of difficult to access fastening screw on the intake manifold (behind the high-pressure pump)
- Surface: chrome-plated
- For e.g. 3-cylinder common rail engines 1.4 l
AUDI A1 model year 2014 → 2018
SEAT Ibiza 4 model year 2015 →
VW Polo 5 model year 2014 → 2017
ŠKODA Fabia 3 model year 2014 → 2018 · Rapid model year 2015 → 2018



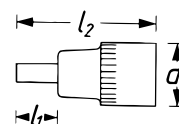
HAZET No.	l mm	a ₁ mm	a ₂ mm	EAN-No. 4000896+
2584-13	166	60	76.5	246779

2527-8 1/2" Ball-head screwdriver socket

Made in Germany



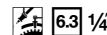
- Application: Knock sensor on V6 engine (s 8 mm)
- Extra long design
- With ball-head
- With knurling



HAZET No.	s mm	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
2527-8	8	200	238	23	016310

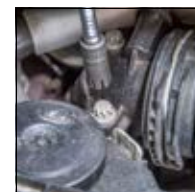
2751 1/4" Turbo charger socket · Special profile

Made in Germany



- Special profile engages with a positive fit in the screw connection and guarantees optimal force distribution

- Application: Operation of turbocharger intake manifold (not possible without special tool)
- MERCEDES-BENZ C Class (W205, S205) C180 BlueTEC, C200 BlueTEC · C Class T model (S205) C180 BlueTEC, C200 BlueTEC · Vito (W447) 109 CDI, 111 CDI · Marco Polo Camper (W447) 160 CDI, 180 CDI
- NISSAN Qashqai / Qashqai +2 1 (J10, NJ10, JJ10E) 1.6 dCi, 1.6 dCi 4-wheel drive · Qashqai 2 (J11, J11) 1.6 dCi, 1.6 dCi All Mode 4x4-i · X-Trail (T32) 1.6 dCi, 1.6 dCi All Mode 4x4-i · NV300 Box (X82) 1.6 dCi 95/120
- OPEL/VAUXHALL Vivaro B (X82) 1.6 CDTI
- RENAULT Fluence (L3) 1.6 dCi, Grand Scénic 3 (JZ0/1) 1.6 dCi · Mégane CC (EZ0/1) 1.6 dCi · Mégane 3 Coupé (DZ0/1) 1.6 dCi · Scénic 3 (JZ0/1) 1.6 dCi · Trafic 3 Bus (JG, FG) 1.6 dCi 90/115
- Surface: phosphatized



HAZET No.	l mm	Ø mm	EAN-No. 4000896+
2751-1	26	12	246250



YouTube Clip



4550 3/8" Injection line wrench

- Made in Germany**
- Open 12-point socket



- Application: Operating screwed connections on injection lines
- Surface: chrome-plated



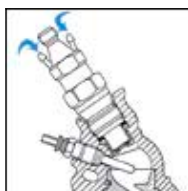
HAZET No.	S mm	l mm	d ₁ mm	d ₂ mm	EAN-No. 4000896+
- FIAT · CITROËN · PEUGEOT · RENAULT and IVECO models with Common Rail engines - Injection line screw connection e.g. on BMW · MERCEDES-BENZ · VW - Operation of the exhaust temperature sensor on VAG diesel engines from Euronorm 6 - Long design □ Drive 12.5 = 1/2"					
4550-5	14	119	27	22.9	149582
- For BMW diesel and OPEL/VAUXHALL 2.5 TD-engines □ Drive 10 = 3/8"					
4550	17	115	–	–	021680
- MERCEDES-BENZ 100 · 130 · 314 · 360 · 360h · 352A · 346/355 · 401 · 402 · 403 · 407h · 615 · 616 · 617 - Long style □ Drive 12.5 = 1/2"					
4550-1	17	120	–	–	021697
- 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"					
4550-2	19	119	–	–	021734

4555 1/2" Injection nozzle socket

- Made in Germany**
- 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



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

- Made in Germany**



- 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



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 1/2" Pressure valve holder tool

- Made in Germany**



- Application: Installing and removing the **pressure valve holder** on the MRSF-ERE injection pump
- Serration socket
- 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



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

- Made in Germany**



- 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



Specialty tools

Engine – Fuel system / Fuel injection

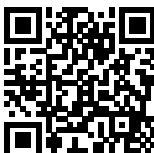


4501 Fuel line pliers

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)



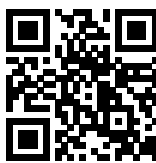
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HAZET No.	l mm	EAN-No. 4000896+
4501-2	235	203499

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 ROMEO** · **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



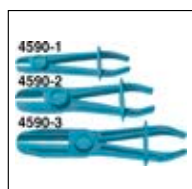
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HAZET No.	l mm	EAN-No. 4000896+
4501-1	155	058624

4590 Flexible hose clamp

• Clamping flexible hoses

- Firm fixation with clamp ring
- Made of high-quality plastic



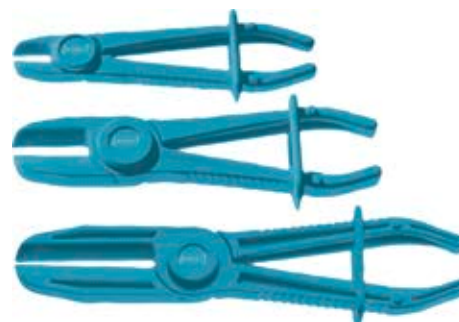
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4590 Flexible hose clamp

HAZET No.	l mm	EAN-No. 4000896+
• For heating and fuel hoses up to 15 mm Ø		
4590-1	150	021932
• For hoses up to 30 mm Ø		
4590-2	180	021949
• For e.g. cooling liquid hoses up to 60 mm Ø		
4590-3	253	055753

4590 Flexible hose clamp set

• Clamping flexible hoses



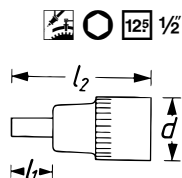
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HAZET No.	3	EAN-No. 4000896+
4590/3		058266

2584-1 1/2" Intake pipe screwdriver socket

Made in Germany

- Application: Intake manifold screw connection
- Extra long design
- With knurling



HAZET No.	S mm	l ₁ mm	l ₂ mm	EAN-No. 4000896+
2584-1	6	210	248	017058

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 (1/4") · 8 mm (5/16") · 10 mm (3/8") and for double sealing (e.g. banjo connections) in sizes of 10 mm (3/8")



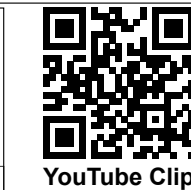
HAZET No.	EAN-No. 4000896+
4591/4	219650



4797 Injector extractor

Made in Germany

- Application: For disassembly of tight common rail injectors **without** removing the cylinder head



YouTube Clip

HAZET No.	l mm		EAN-No. 4000896+
- 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
Impact extractor - M16 x 1.5 - Striking weight: 1.8 kg			
4797-1	460	–	121175
Injector claw - M16 x 1.5			
4797-2	130	–	121182
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

4797 Injector extractor



HAZET No.	l mm		EAN-No. 4000896+
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

- 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 M8 x 1

Contents:

- 1 twist drill 6 mm with spacer sleeve
- 1 tap M8 x 1
- 1 drill sleeve
- 1 twist drill 7 mm with spacer sleeve and guide tube
- 1 knob for screwing
- 5 threaded inserts M6 x 1

- Plastic box 165-S (1/9)
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



YouTube Clip

1/9			
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HAZET No.	L x W x H mm		EAN-No. 4000896+
4797/10	185 x 153 x 52	10	191505
Threaded inserts · 5 pieces M6 x 1 for 4797/10			
4797-M6 x 1/5	–	5	192441

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

798 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



Specialty tools

Engine – Cooling system / Hose connection



798 Clic hose clamp pliers

Made in Germany

- Application: Reusable CLIC type hose clips on fuel lines
- On e.g. VW · AUDI · OPEL · PEUGEOT und ALFA ROMEO
- Open and close easily by turning the pliers by 180°
- Fixed jaws, bent 90°



YouTube Clip



HAZET No.	l mm	sb mm	EAN-No. 4000896+
798-2	175	20	051397

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 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

798 Hose clamp pliers

Made in Germany

- Application: For spring band hose clamps e.g. on VW · AUDI · 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



YouTube Clip

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

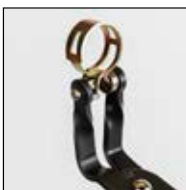


798 Hose clamp pliers

- 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



YouTube Clip

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



798 Hose clamp pliers

- 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 aeration lines and fuel lines on VW · AUDI · SEAT · 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



Specialty tools

Engine – Cooling system / Hose connection



798 Hose clamp pliers

🇩🇪 **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

🇩🇪 **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



798 Hose clamp pliers



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

🇩🇪 **Made in Germany**



- Reinforced bowden cable and sliding guide device

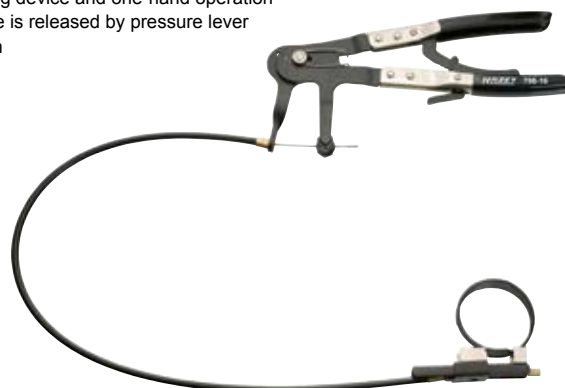
- Application: **Special clamp with parallel clamp ends** e.g. at the charge-air cooler connection on VW Passat · T5 · T6

- 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



1/3				
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HAZET No.	L x W mm		EAN-No. 4000896+
798			
798-3 · 798-13 · 798-17			
163-425/3	342x172	3	202614

4562 Henn clamps operating tool

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 Henn clamps operating tool

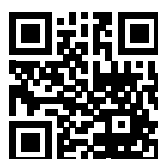
HAZET No.	l mm	EAN-No. 4000896+
4562-1	100	222353
4562-2	99	235476

4801 Vacuum radiator filler

Made in Germany

- Suitable in conjunction with the single and universal adapters from HAZET radiator tester program 4800 and cone 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
- Hose 7 x 1.5 mm
- Outer diameter 10 mm
- Inside diameter 7 mm
- Including application note



YouTube Clip

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

- Can be used together with vacuum radiator filler HAZET 4801-1 · 4802-1
- 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 Ø 17–31 / 24–39 / 34–50 mm



YouTube Clip

HAZET No.		EAN-No. 4000896+
4801-2/3	3	152407



Diagnostics



Product applications

Classification radiator adapter

hazet.de → 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 vehicle types: www.hazet.de → Service → 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** type 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

Contents:

4800-1 · 4800-2

4800-4 A · 6 A · 12 A · 15 · 17



4800 Radiator tester

Made in Germany

- Application: Checking for leakage in cooling systems and heating circuits
- Classification to vehicle types: www.hazet.de → Service → The Tool Finder → Radiator adapters 4800
- Plastic box
- 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.



EAN-No.
4000896+

4800/7

7

132874

HAZET
No.



EAN-No.
4000896+

4800/12

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, 500 mm long

4800-2

022274

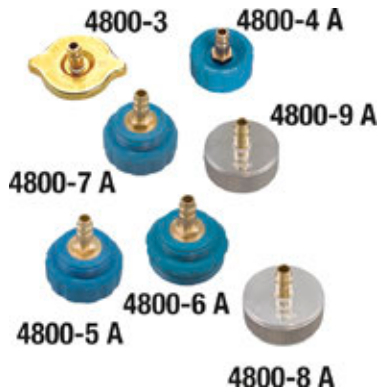




4800 Cooling pump and adapter

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 cars:**
 - FIAT
 - KIA
 - MERCEDES-BENZ Vito · Viano · Solaris
 - MITSUBISHI
 - PORSCHE
 - SUZUKI Vitara · Samurai
- **Commercial vehicles / agricultural machinery:**
 - AMAZON 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

Radiator adapter (simultaneously serves as an adapter for HAZET radiator adapter without connecting nipple) for:

- **Passenger cars:**
 - 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 · Doblo · 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 · Qashqai
 - 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 → L series combine harvesters
 - FIAT M100 · 115 · 135 · 165
 - HATZ 4H50tic
 - IVECO Eco Daily with blue lock
 - NEW HOLLAND T6 · T7, T7 Elite Pack · TVT

4800-4A

156504

4800 Cooling pump and adapter

HAZET
No.

EAN-No.
4000896+

Radiator adapter for

- **Passenger cars:**
 - AUDI
 - PORSCHE 986 · 987 · 996 · 997 · Cayman 987c1 · 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 Midlum model year 01/2000 → 12/2013
 - PUTZMEISTER BSA 1407D · BSA 2110 HP-D
 - Volvo FE model year 05/2006 → FL model year 03/2000 →

4800-5A

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

4800-6A

161850

Radiator adapter for

- **Passenger cars:**
 - CHEVROLET
 - DAEWOO/CHEVROLET
 - FORD Ka · Focus model year → 2007 · Fusion · Mondeo
 - OPEL/VAUXHALL Agila · Zafira A
- **Commercial vehicles / agricultural machinery:**
 - MAN Tga · L 2000

4800-7A

161867

Radiator adapter for

- BMW 3-series → model year 2008 · 5-series → model year 2003 · 5-series (E60) Diesel · 7-series → model year 2001 · X3 → model year 2010 · X5 → model year 2013

4800-8A

161874

Radiator adapter for

- BMW 3 Series model year → 2000 · Z1 · Z3 · Z4 model year → 2013
- ROVER Range-Rover

4800-9A

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 · T6 · T7 · LT · Golf 4 · 5 · 6 · 7 · Vento · Jetta · ID.3 · ID.4 · ID.5	
• SEAT Toledo · León	
• ŠKODA Octavia · Fabia model year 1998 → · Roomster · Superb	
• PORSCHE Cayenne · Panamera · Cayman 718	
• 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

4800 Radiator adapter

HAZET No.

EAN-No. 4000896+

Radiator adapter (with bayonet fitting) for

• Passenger cars:

- **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

• FIAT 500X

• JEEP Compass · Renegade

• ALFA ROMEO Giulia · Stelvio

• 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

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 I 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	078202
4800-30	
- Especially for Japanese vehicles $\varnothing$ 18–24 mm - All current MAZDA models - V-clamp fastening	078196
4800-31	

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.	l mm	EAN-No. 4000896+
4795- 1	–	083770
- Adapter for motorcycles - Thread M12 x 1.25 (outside thread)		083787
4795-11	–	
- Adapter for motorcycles and diesel engines - Thread M10 x 1 (outside thread)		083794
4795-12	–	
- Adapter for diesel engines - Thread M24 x 2 (outside thread)		083800
4795-13	–	
- Adapter for VW diesel engines including 4795-11 - Pin $\varnothing$ 7 mm		083817
4795-14	–	
- Adapter for multi-valve engines - Thread M14 x 1.25		104345
4795-15	165	
- Adapter for multi-valve engines - Spark plug thread M12 x 1.25 (14 mm spark plugs)		215140
4795-16	230	

4810 C Optical tester (refractometer)

Made in Germany

- Display accuracy: $\pm 2.5\%$ (entire scale range)

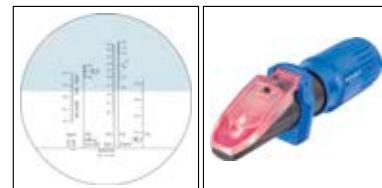


- Application: For testing the anti-freeze concentration in the cooling water, also suitable for cooling fluids G11, G12++, G12 EVO, G13, G40, G48 and G64
- For testing the quality of AdBlue solution
- For testing the battery acid concentration (state of battery charge)

- 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



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
- 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
Tester			076185
4793-1	–	–	
Reaction fluid (250 ml)			076208
4793-2	–	–	
Flushing fluid (250 ml) for cleaning the tester 4793-1			076215
4793-3	–	–	



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 thumb screw during cutting process



- Application: **Cutting of pipes**, e.g. made of steel (not stainless steel) up to 2.5 mm wall thickness 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



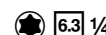
- Application: **Cutting pipes** made of galvanized steel, copper, PVC and aluminium up to a wall thickness of 6 mm and 115 mm Ø
- 15 cutting wheels made of alloyed steel
- Surface: nickel-plated



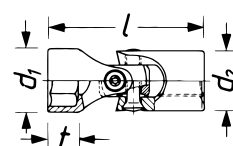
HAZET No.	l mm	Ø mm	EAN-No. 4000896+
4682-1	315	20–115	149384
• Spare chain for 4682-1			
4682-03	–	–	149421

850 LG-GE 1/4" 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 reduction: approx. 20 minutes
Much better accessibility to the screw connection on EGR valve and radiator enables further time reduction of approx. 15 minutes
- Socket and extension permanently connected
- With hinge – for working in areas with restricted access and for getting around obstructive edges
- Surface: chrome-plated, polished



HAZET No.	s	l mm	d ₁ mm	d ₂ mm	mm	EAN-No. 4000896+
850 LG-GE10	E10	150	12	13.5	9.42	223572





4680 1/2" 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



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** NOX sensors **MERCEDES-BENZ** Actros MP 5
- Long design
- Surface: chrome-plated



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



HAZET No.	S mm	l mm	d ₁ mm	d ₂ mm	EAN-No. 4000896+
4680-3	22	110	41	34.4	022106

4680 Lambda probe socket

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



YouTube Clip

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



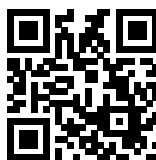
HAZET No.	EAN-No. 4000896+
2174	013609

880 GZ 3/8" Universal joint socket · 12-point

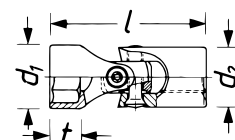
Made in Germany



- 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



YouTube Clip



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

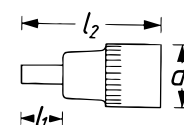
2756 1/2" Screwdriver socket

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:



HAZET No.	S	l ₁ mm	l ₂ mm	d mm	mm	EAN-No. 4000896+
2756-T60	T60	65	103	24.6	13.25	204243



Specialty tools

Oil service



Oil service

Overview of oil filter wrench

HAZET No.	Design points / grooves	Oil filter $\varnothing$ mm	Oil filter wrench outside dimensions $\varnothing$ mm	Insert depth wrench mm	Total height mm	Drive		Page
						$\varnothing$ mm		
2168-46	6-Point	46	59	15	29.5	—	10 3/8	498
2169	14-Point	74.2	82	30	52	27	10 3/8	441
2169-1	15-Point	92	102	19	48	27	12 1/2	441
2169-6	16-Point	86.7	97	44.5	55.5	24	12 1/2	442
2169-7	14-Point	64	76	23	43	24	12 1/2	442
2169-8 A	15-Point	75.2	105	—	38.4	—	12 1/2	443
2169-9	15-Point	105	119	36	52	24	12 1/2	499
2169-10	14-Point	74.2	82	20	42	27	10 3/8	441
2169-11	14-Point	84	97	30.5	48.5	24	12 1/2	442
2169-12	15 Grooves	74.8	107	—	38.4	—	12 1/2	443
2169-13	14-Point	80.4	107	—	38.4	—	12 1/2	443
2169-14	14-Point	73.1	104	—	38.4	—	12 1/2	443
2169-15	8-Point	74.5	105	—	38.4	—	12 1/2	443
2169-32	6-Point	32	43	18	30	—	10 3/8	442
2169-36	6-Point	36	49.5	15.2	29.5	—	10 3/8	442
2169-66	6 Grooves	66	76	23.5	43.5	24	12 1/2	442
2169-76	6 Grooves	76	85	21	42	24	12 1/2	442
2169-76 B	6 Grooves	76	85	21	42	24	12 1/2	443
2169-76 K	6 Grooves	76	85	14.5	34	24	12 1/2	442
2169-86	9 Grooves	86	97	24.5	44	24	12 1/2	442



Product applications

Oil service

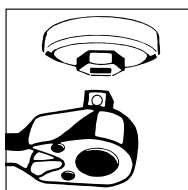
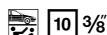
hazet.de → Service → Tool Finder
→ Oil service

◀ For Smartphones with QR reader (app)

2169 Oil filter wrench

Made in Germany

- Application: Operating oil filters and oil filter housing caps
- 14-point $\varnothing$ 74.4 mm
- Drive 10 = 3/8" or outside hexagon: 27 mm



HAZET No.

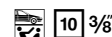


EAN-No. 4000896+

- 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 injector · 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.

2169 27 82 013340 ▶

2169 Oil filter wrench



HAZET No.

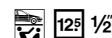


EAN-No. 4000896+

- 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

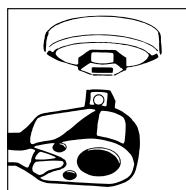
2169-10 27 82 108831

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 $\varnothing$ 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 model year 08/1999 → · 1.8 TDi model year 10/1998 → · Maverick 2.7 TD · Mondeo 2.5 l · MITSUBISHI · NISSAN · ALFA-ROMEO · HONDA · Volvo · MAN (commercial vehicles) F 2000



HAZET No.



EAN-No. 4000896+

2169-1 27 102 013357

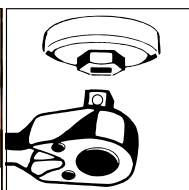


2169 Oil filter wrench

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

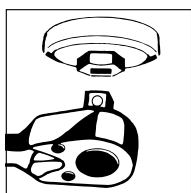


YouTube Clip

HAZET No.	mm	mm	EAN-No. 4000896+
• 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 model year 12/2007 → For MAN fuel filters e.g. TGA 2169-36 36 49.5 086566			

Made in Germany

- 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+
• 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			
• For the operation of oil filters 14-point s 64 mm on 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 · and SUBARU · SUZUKI · DAIHATSU Also suitable for YAMAHA Super Ténéré XT1200 z · YZF-R1 model year 2007 → · YZF-R6 model year 2006 → · 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 76 100224			

2169 Oil filter wrench

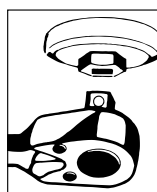
Made in Germany

• Forged design

HAZET No.	mm	mm	EAN-No. 4000896+
• 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			

Made in Germany

- Application: Operating **Purflux** oil filters
- □ 12.5 = 1/2" or outside hexagon: 24 mm



HAZET No.	mm	mm	EAN-No. 4000896+
• 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 · A-Class · B-Class · 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 · ŠKODA 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 ROMEO 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			



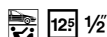
Specialty tools

Oil service



2169 Oil filter wrench

Made in Germany



- Application: Operating **Purflux** oil filters
- □ 12.5 = 1/2" or outside hexagon $\varnothing$ 24 mm
- $\leq$ 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 coat 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**



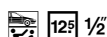
HAZET No.	mm	mm	EAN-No. 4000896+
2169-76 B	24	85	230259

- Application: Operating oil filters and oil filter housings
- Positive mounting of the oil filter housing
- Required torque-controlled screw tightening is possible
- □ Drive 12.5 = 1/2"
- **15-point $\leq$ 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	EAN-No. 4000896+
2169-8 A	105	232956

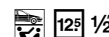
Made in Germany



- Application: Operating oil filters and oil filter housings
- Positive mounting of the oil filter housing
- Required torque-controlled screw tightening is possible
- □ Drive 12.5 = 1/2"
- **15 grooves $\leq$ 74.7 mm**
- Operation of **oil filters**
OPEL/VAUXHALL models Astra K · Insignia B with 1.5 diesel engines F15DVC · F15DVH with 77KW / 90KW

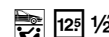


2169 Oil filter wrench



HAZET No.	mm	EAN-No. 4000896+
2169-12	107	241798

Made in Germany

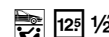


- Application: Operating oil filters and oil filter housings
- Positive mounting of the oil filter housing
- Required torque-controlled screw tightening is possible
- □ Drive 12.5 = 1/2"
- **14-point $\leq$ 80 mm**
- Operation of the **oil filters** in **Hyundai i30 · Tucson KIA Ceéd · Sportage · Soul · Stonic** with 1.6 CRDI engine



HAZET No.	mm	EAN-No. 4000896+
2169-13	107	241859

Made in Germany

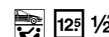


- Application: Operating oil filters and oil filter housings
- Positive mounting of the oil filter housing
- Required torque-controlled screw tightening is possible
- □ Drive 12.5 = 1/2"
- **14-point $\leq$ 72 mm**
- Operation of **oil filters**
FORD 1.0l / 1.1 l and 2.0 l EcoBoost engines B-Max · C-Max · EcoSport · Fiesta · Active · Focus · Grand C-Max · Grand Tourneo · Connect · Mondeo · S-Max · Galaxy · Tourneo Connect · Tourneo Courier · Transit Connect · Transit Courier

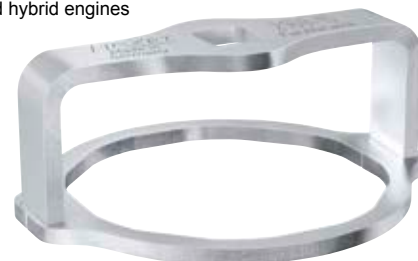


HAZET No.	mm	EAN-No. 4000896+
2169-14	104	244195

Made in Germany



- Application: Operating oil filters and oil filter housings
- Positive mounting of the oil filter housing
- Required torque-controlled screw tightening is possible
- □ Drive 12.5 = 1/2"
- **8-point $\leq$ 74.5 mm**
- Operation of **oil filters and oil filter housings**, especially for **FIAT 500 · 500C · Panda · Bravo · LANCIA Ypsilon · ALFA ROMEO 147** and the 1.0 l mild hybrid engines 1.2 l, 1.9 D Multijet · 1.9 JTD



HAZET No.	mm	EAN-No. 4000896+
2169-15	105	247066



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.		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 19.5 mm
- Non-skidding
- Surface: chrome-plated



HAZET No.	Ø 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.	Ø mm	EAN-No. 4000896+
2171-5	65–105	013449
2171-6	105–145	013456

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 air dryer cartridges



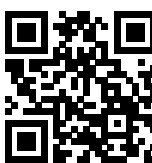
YouTube Clip

HAZET No.	Ø mm	EAN-No. 4000896+
2171-8 LG	50–150	203703

Made in Germany

- Operation even in areas with restricted access

- Application: Operating oil filters and other cartridges on passenger and commercial vehicles
- With chain



YouTube Clip

HAZET No.	Ø mm	EAN-No. 4000896+
2171-8	50–150	013463





Specialty tools

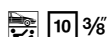
Oil service



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

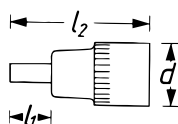


HAZET No.	Ø mm	EAN-No. 4000896+
2172	65-115	013470

2527-5 3/8" Ball-head screwdriver socket

Made in Germany

- Application: For oil pan screw connection (≤ 5 mm) on VW, AUDI, SEAT, ŠKODA



HAZET No.	S mm	l1 mm	l2 mm	EAN-No. 4000896+
2527-5	5	200	227	016303

2528 3/8" Oil pan joint socket

Made in Germany

- Application: Oil pan screw connection (≤ 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



HAZET No.	S mm	l mm	EAN-No. 4000896+
2528-10	10	250	016327

2567 1/2" 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
- ŠKODA Fabia · Octavia · Superb
- PORSCHE Boxster with gearbox
- FORD Galaxy 1.9 TDi with 6-speed gearbox
- With knurling
- Surface: chrome-plated



YouTube Clip

HAZET No.	l1 mm	l2 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
- Installation and removal of the plastic seal plugs in the camshaft-housing lid 1.6 · 2.0 TDI engines



AUDI SEAT ŠKODA VW

model year 2013 → with 1.2 · 1.4 · 1.8 · 2.0 l

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 M8 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

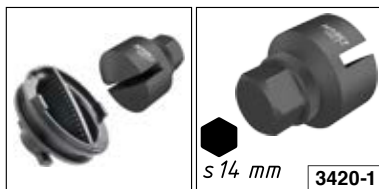
Made in Germany

- 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**

For e.g.:

- **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 1/2" Oil service screwdriver socket

Made in Germany

- For the oil filler and oil drain plug gearbox, differential, oil pan
- Surface: chrome-plated



3702 1/2" Oil service screwdriver socket

HAZET No.	S mm	l mm	EAN-No. 4000896+
• 8 mm inside square			
• For e.g. MERCEDES-BENZ type 415 (Citan) · type 177 (A-Class) · type 247 (B-Class) with OM 208 engine			
RENAULT			
3702	8	36	018918
• 10 mm inside square			
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





Specialty tools

Oil service



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



198-12



198-13



198-16



198-17



198-18



198-19

198-10 Engine oil filling funnel



HAZET
No.



EAN-No.
4000896+

• **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 → Superb

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



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 198-7			
• Made in Germany			
198-9/2	1	2	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 198-10			
• 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



Brakes

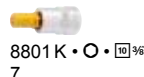
163 Universal brake tool set



1/3				
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751KHS-3



8801K • $\odot$ • $\square$ 3/8
7



2784 • $\odot$ • $\square$ 3/8
7



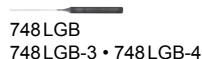
751KHS-4



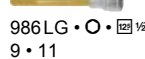
986 • $\odot$ • $\square$ 1/2
9



2901G • $\odot$ • $\square$ 3/8
7



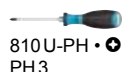
748LGB
748LGB-3 • 748LGB-4



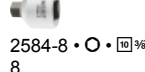
986LG • $\odot$ • $\square$ 1/2
9 • 11



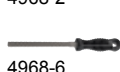
4968-2



810U-PH • $\odot$
PH 3



2584-8 • $\odot$ • $\square$ 3/8
8



4968-6

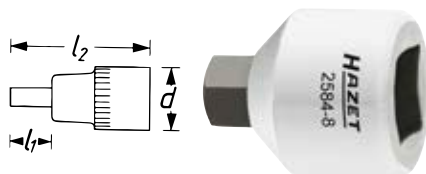
HAZET No.	L x W mm		EAN-No. 4000896+
163-548/14	342x172	14	224197

2584-8 3/8" Brake calliper screwdriver socket

Made in Germany



- Application: Operation of the brake calliper screw connection at the rear axle (≤ 8 mm) on: **AUDI TT** model year 2007 →, A4 model year 2001 →, A6 model year 2005 →, A8 model year 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



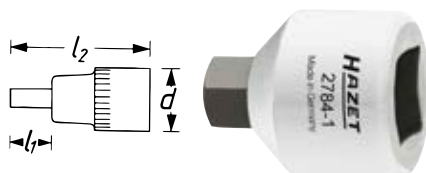
HAZET No.	S mm	L1 mm	L2 mm	EAN-No. 4000896+
2584-8	8	6.6	24	149438

2784 3/8" 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 drive 10 = 3/8" drive, e.g. HAZET 6110-1 CT
- With fix blade (size 7 mm) for inside hexagon screws



HAZET No.	S mm	L1 mm	L2 mm	EAN-No. 4000896+
2784-1	7	6.6	24	148530

2901 G 3/8" Brake calliper joint socket

Made in Germany



- Application: Rear brake calliper screws (≤ 7 mm) on **BMW** 3 • 5, and 8 Series • **VW** Golf 7 model year 2013 → • **AUDI** A3 model year 2013 → • **SKODA** Octavia model year 2013 → and **OPEL/VAUXHALL**
- With hinge – for working in areas with restricted access and for getting around obstructive edges



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 • $\odot$ 7 • 8 • 9 • 10 • 11		
4968/5	5	086535



Specialty tools

Brakes



4968 Brake bleeding wrench

Made in Germany

- Equal hexagon size on both sides

• Application: **Brake bleeding without dismounting 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

2191 Tube flaring tool set

Made in Germany

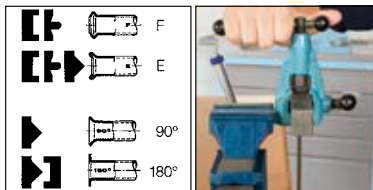
- For metal tubes and pipes with a wall thickness of 0.7 to 1.0 mm pipe $\varnothing$ 4.75–10 mm

• 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



2181 N-1



2191



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		EAN-No. 4000896+
2191/12 K	290x173x50	12	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

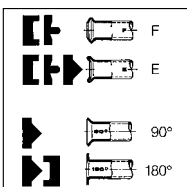


HAZET No.	$\varnothing$ mm	EAN-No. 4000896+
2191-3	4.75-10	013821

2191 Thrust block

Made in Germany

- For E and F-flares
- Surface: burnished, oiled

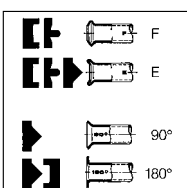


HAZET No.	$\varnothing$ mm	EAN-No. 4000896+
2191- 4	4.75	013838
2191- 5	5	013845
2191- 6	6	013852
2191- 8	8	013869
2191- 9	9	013876
2191-10	10	013807

2191 Pressure piece

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



2193A

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



Specialty tools

Brakes



2193 Tube deburring tool

Made in Germany

- Application: Inside and outside deburring of tubes



HAZET No.	Ø 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

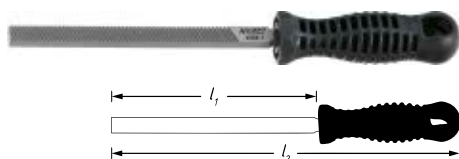
Made in Germany

- 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
- Blunt scraper on the face side for removing rough residues
- Cut of the file: coarse bevel cut on one side
- Plastic handle



Video



HAZET No.	l ₁ mm	l ₂ mm	EAN-No. 4000896+
4968-1	150	260	084739

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



Video



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



Video



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 cramped and 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 (HU)
- Application is possible with 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
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



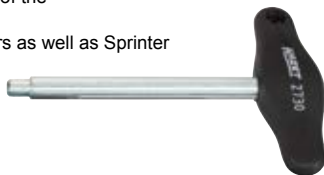
HAZET No.	l mm	EAN-No. 4000896+
2582	304	017027



2730 Hand brake shoe retaining spring tool

Made in Germany

- Application: Operation of 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: Operation of 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 on the side behind the wheel hub, as operation through the borehole in the wheel hub is not possible for the above vehicle types
- T-handle with dip-coating



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 savings** - fluid can remain in the fluid reservoir on most vehicles
- **Safe and environmentally friendly**, since there is no loss of liquid
- Accepted by vehicle manufacturers
- Also meets the requirements of TÜV Austria
- For **DOT 3 · DOT 4 · DOT 4+ · DOT 5 · DOT 5+ brake fluid**
- **Easy application** – one push button
- No brake fluid selection necessary
- Warning when operating voltage is too low
- Cable length: 2.2 m
- **Test in °C and °F** – temperature range: 320° C / 608° F Accuracy ±10° C
- **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: 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

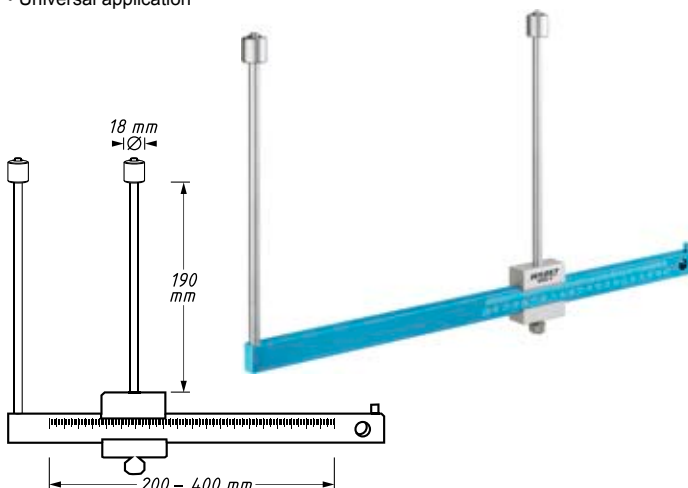
- Effortless measurement on the vehicle during direct receptions in the presence of the customer
- Measuring range: 0 – 60 mm (also suitable for application on commercial vehicles)
- Easy to handle
- **Note:** Information on the wear limits – Please observe vehicle manufacturer's data



HAZET No.	l 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 without removing the wheels
- Measuring range 200–400 mm
- Universal application





Specialty tools

Brakes



4956 Calliper gauge for brake discs



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



2155N-25



2155-60



2155-65

HAZET
No.



EAN-No.
4000896+

4968/3

3

149179

4968 Universal brake tool set

- All important tools in direct access

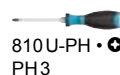
- Application: Disassembly/assembly and professional cleaning of brakes
- Plastic box
- Soft foam insert



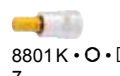
4968 Universal brake tool set



751KHS-3



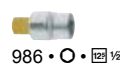
751KHS-4



748 LGB

748 LGB-3

748 LGB-4



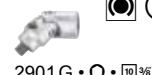
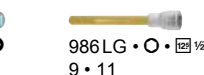
2584-8

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986

2784

7



4968-2

4968-6

HAZET
No.



EAN-No.
4000896+

4968/14 A

14

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.



EAN-No.
4000896+

4969-1/3

3

149445

4968 Hook set

- Application: Securely hanging dismantled components, e.g. brake callipers, avoids damage to brake hoses, lines etc.
- Universal application
- Hook Ø: 7 mm
- Surface: immersion-lacquered



HAZET
No.



EAN-No.
4000896+

4968/2 H

190

221820



Product applications

Brake piston readjusting sets
 hazet.de → Service → Tool Finder
 → Brake piston readjusting sets
 ◀ For Smartphones with QR reader (app)

4970 Brake piston readjusting tool 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 ≤ 13 mm for flexible application of operating tools, e.g. ratchets
- Universal application – suitable for all common vehicle types
 Classification: www.hazet.de → 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



YouTube Clip



4970/6



4970/9

HAZET No.		EAN-No. 4000896+
• Brake piston readjusting tool set, contents: 4970-1 · 5 · 6 · 7 · 8 · 9		
4970/6	6	088867
• Brake piston readjusting tool set, contents: 4970-1 · 5 · 6 · 7 · 8 · 9 · 10 · 11 · 12		
4970/9	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



YouTube Clip

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 of pressure plates from 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 · BGS · Kunzer
- In case with soft-foam insert and storage option for additional adapters
- Including operating instructions



12.91 (€) 9000-010 7.2



4970/5



4970 P-02/3



YouTube Clip

HAZET No.		EAN-No. 4000896+
4970 P-1/4	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 · BGS · Kunzer		
4970 P-02/3	3	234929
Pressure plate set		
• Universal application for numerous vehicles		
• In conjunction e.g. with brake piston readjusting tool set 4970 P-1/4 and 4970-1		
• 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



Specialty tools

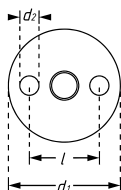
Brakes



4970 Pressure plates for 4970

Made in Germany

- Application: Readjusting brake pistons on floating calliper systems with or without locking device for hand brakes



YouTube Clip



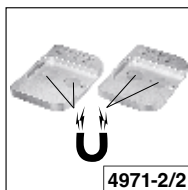
HAZET No.	l mm	d1 mm	d2 mm	EAN-No. 4000896+
Pressure plate with 2 pins for: – AUDI · A4 · model year 2007 → 2015 – CITROËN · Berlingo 5 · model year 2008 → 2018 – FIAT · Bravo · model year 2007 → 2014 – FORD · Kuga · model year 2008 → 2012 · Mondeo · model year 2007 → 2014 · Transit · model year 2006 → 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
Pressure plate inside hexagon: 12 mm AUDI · VOLKSWAGEN - Please consider the brake calliper design				
4970-6	–	30	–	052950
Pressure plate 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				
4970-7	24	32	6	052967
Pressure plate with 2 pins for: – AUDI · Please consider brake calliper design – CITROËN · Please consider brake calliper design – VOLKSWAGEN				
4970-8	44	55	6	052974
Pressure plate with 4 pins for: – MINI · Cooper · model year 2006 → 2016 – SAAB · Please consider brake calliper design				
4970-9	22	30	5	052981
Pressure plate with 2 pins for: FORD · Transit · model year 2006 → 2013				
4970-10	20	35	6	126019
Pressure plate with 2 pins for: FIAT · Panda · model year 2003 → 2012				
4970-11	20	35	3	146581
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: Damage-free readjusting brake pistons (floating callipers / fixed callipers) on disc brakes
- For common vehicle types without integrated locking device for handbrakes
- Plate width 50 mm
- Working area 15 - 90 mm
- 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



4971-2/2



4971 Brake piston readjusting tool

HAZET No.	EAN-No. 4000896+
4971-1	156245
Adapter plate set · for brake piston readjusting tool 4971-1 for damage-free resetting of twin piston brake callipers - Extension of width of supporting surface to 100x72 mm - Easy fixing using the adapter plates using 2 disc magnets: Ø 20 mm (holding force per magnet: 2 kg)	
4971-2/2	246243

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



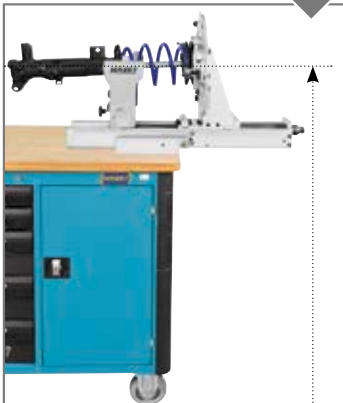
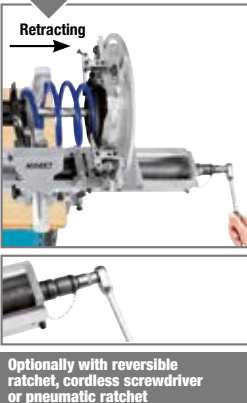
Universal spring vice 4903

... everything fits well. And your safety is guaranteed.

- Short familiarization period due to easy handling
- Comfortable, safe and easy handling for just one user
- Clearer workflows
- Top handling due to 90° swivelling
- Allows impact-free operation (e.g. cordless screwdriver or pneumatic air ratchet) (up to 15,000 N)
- 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
- Basic unit 4900-2A offers mobile and stationary application suitable for any workshop task
- Safe working due to tight spring fit and, in particular, due to load-free installation
- 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
	 Adjusting vertically, operating horizontally		 Retracting Optionally with reversible ratchet, cordless screwdriver or pneumatic ratchet	

www.hazet.de Further information: 	HAZET YouTube channel Application video 4903 	HAZET YouTube channel Application video 4903/4 W 203 
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Specialty tools

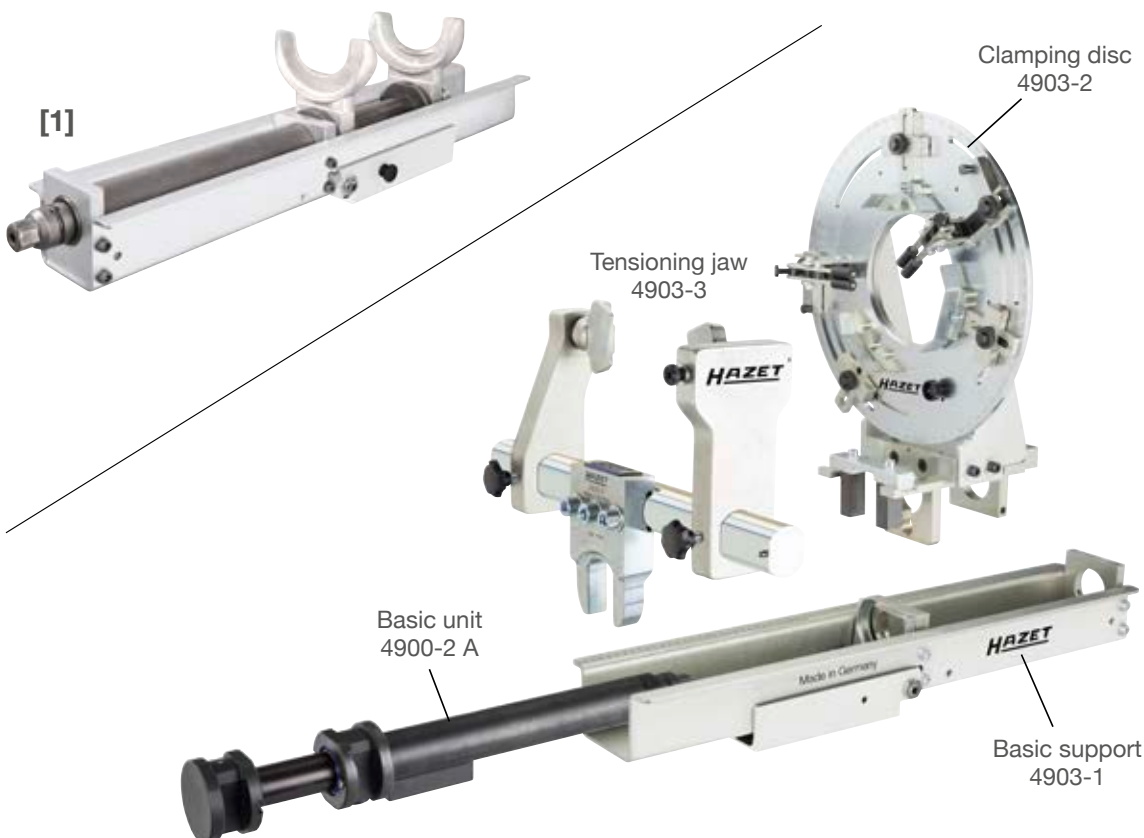
Chassis – Spring vices / Shock absorbers



Time savings compared to standard applications thanks to the HAZET universal spring vice

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
- Innovative socket and installation concept
- High safety
- Allows record keeping by scaling
- Secured investment through the use of existing SYSTEM components 4900[1]



Patented

 **Made in Germany**

Components and spare parts from page 512 to 520

Errors excepted

HAZET YouTube channel
Application video
4900-2 A



Fahrgastgruppen Ermässigung

Erwachsene

Tool Finder

**... find the right tool for
your application!**



Components and spare parts from page 512 to 520



Specialty tools

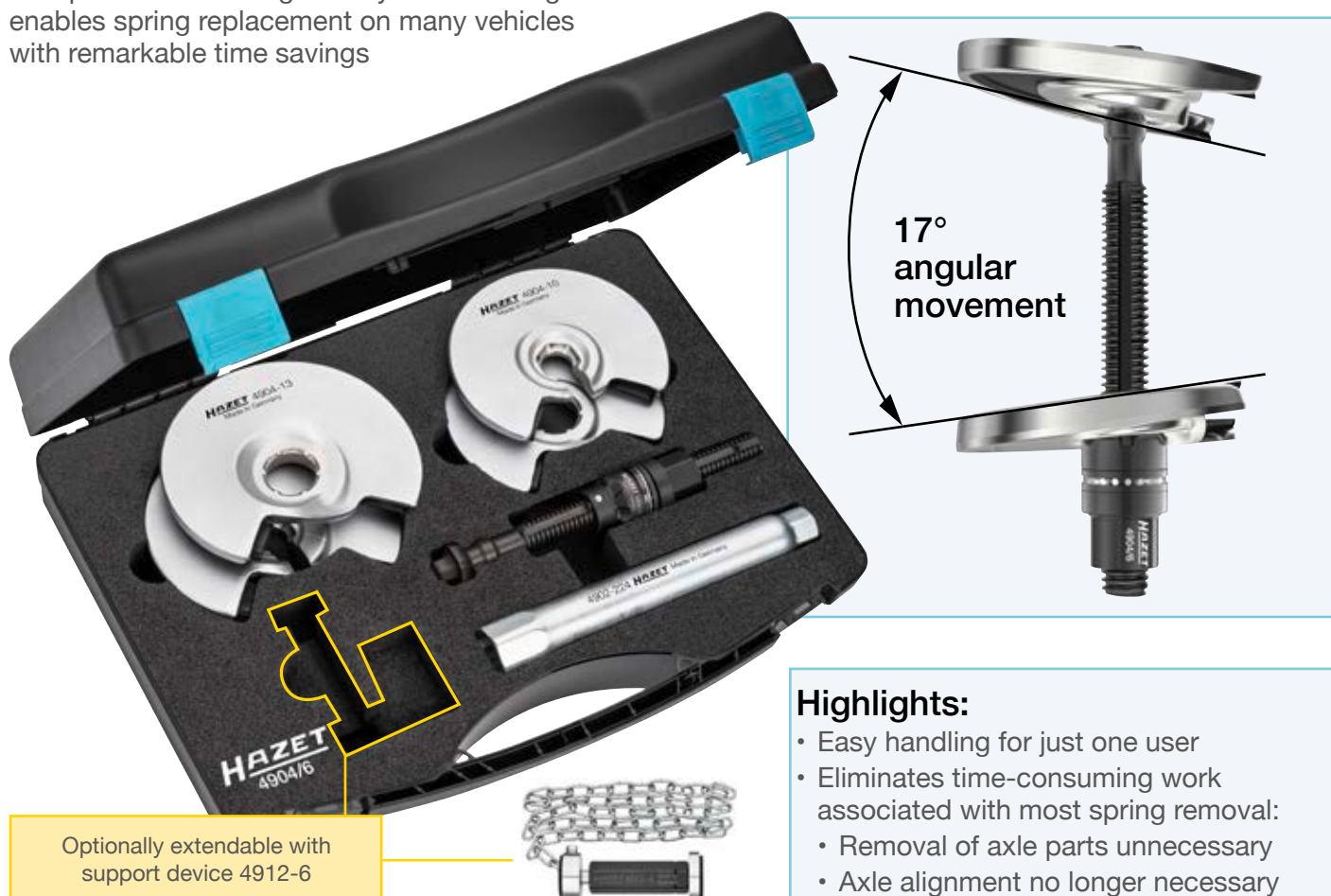
Chassis – Spring vices / Shock absorbers



HAZET universal inside spring vice set 4904/6

Universal application on almost all passenger cars

Compact HAZET design – only 202 mm long – enables spring replacement on many vehicles with remarkable time savings



Highlights:

- Easy handling for just one user
- Eliminates time-consuming work associated with most spring removal:
 - Removal of axle parts unnecessary
 - Axle alignment no longer necessary
 - Removal and installation possible in just a few minutes on each side
- High loading capacity of 31,000 N
- A 32 mm basic unit Ø
- Angular movement 17°

Tested on vehicles from the following manufacturers:

AUDI · BMW · CITROËN · FIAT · FORD · HYUNDAI · KIA · MAZDA · MERCEDES BENZ · MINI · OPEL · PEUGEOT · RENAULT · SEAT · ŠKODA · TOYOTA · VOLKSWAGEN



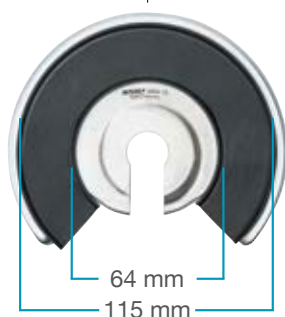
Ø 32 mm



31.000 N



Plastic protective pads



Anti-rotation device

Plastic protective pads



Anti-rotation device



Product applications
Safety spring vice database
 hazet.de → Service → Tool Finder
 → Safety spring vice database
 ◀ For Smartphones with QR reader (app)

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 together with HAZET socket 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



YouTube Clip

HAZET No.	Ø mm	EAN-No. 4000896+
Safety spring vice basic unit		
4900-2A	–	077267
• Replacement set : for spring vice 4900-1 A and -2 A consisting of 2 straight pins and 1 O-ring		
4900-02 A/3	7	069415
• Replacement set : for spring vice 4900-1 and 4900-2 consisting of 5 straight pins and 2 O-rings		
4900-02/7	6	063437

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



YouTube Clip



HAZET No.	Ø mm	EAN-No. 4000896+
• 1 basic unit and 2 tensioning jaws 4900-11		
• Suitable for around 50 different vehicle types		
• Plastic inserts optionally available		
4900-2 A/3	3	149483
• 1 basic unit and 4 tensioning jaws (2x 4900-11 and 2x 4900-12)		
• Suitable for around 100 different vehicle types		
• Plastic inserts optionally available		
4900-2 A/5	5	086054

4900 Tensioning jaw

Made in Germany



HAZET No.	Ø mm	EAN-No. 4000896+
4900-10	69–120	059706
• Plastic insert for protection of the lacquered spring surfaces preventing coil damage due to corrosion		
4900-100	–	061136

4900 Tensioning jaw

Made in Germany



HAZET No.	Ø mm	EAN-No. 4000896+
4900-11	107–151	059713
• Plastic insert for protection of the lacquered spring surfaces preventing coil damage due to corrosion		
4900-110	–	061143



Specialty tools

Chassis – Spring vices / Shock absorbers



4900 Tensioning jaw

🇩🇪 Made in Germany



4900-120



HAZET No.	Ø mm	EAN-No. 4000896+
4900-12	121–173	059720
• Plastic insert for protection of the lacquered spring surfaces preventing coil damage due to corrosion		
4900-120	–	061150

🇩🇪 Made in Germany



HAZET No.	Ø mm	EAN-No. 4000896+
4900-13	146–207.5	059737

🇩🇪 Made in Germany



HAZET No.	Ø mm	EAN-No. 4000896+
4900-14 A	81–114	064649

🇩🇪 Made in Germany



HAZET No.	Ø mm	EAN-No. 4000896+
4900-15 A	111.5–152.5	121472

🇩🇪 Made in Germany



HAZET No.	Ø mm	EAN-No. 4000896+
4900-16	80.5–119.5	062164

4900 Tensioning jaw

🇩🇪 Made in Germany



HAZET No.	Ø mm	EAN-No. 4000896+
4900-17	124–175	062171

🇩🇪 Made in Germany



4900-180



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

🇩🇪 Made in Germany



HAZET No.	Ø mm	EAN-No. 4000896+
4900-19	80.5–119.5	085842

🇩🇪 Made in Germany



HAZET No.	Ø mm	EAN-No. 4000896+
4900-22	126–173	062188

🇩🇪 Made in Germany



HAZET No.	Ø mm	EAN-No. 4000896+
4900-23	152–207.5	062195



4900 Tensioning jaw

Made in Germany



4900-243



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

Made in Germany



HAZET No.	EAN-No. 4000896+
• For driver's cabin with steel springs MERCEDES-BENZ Actros (MP-1) 1996 → Atego 1998 →	
4900-25	121670

Made in Germany



HAZET No.	EAN-No. 4000896+
• For driver's cabin with steel springs MERCEDES-BENZ Actros (MP-1) 1996 → Atego 1998 →	
4900-26	121687

Made in Germany



HAZET No.	EAN-No. 4000896+
4900-30	100514

Made in Germany



4900-310



HAZET No.	Ø mm	EAN-No. 4000896+
4900-31	136–189.5	138036
• Plastic insert for protection of the lacquered spring surfaces preventing coil damage due to corrosion		
4900-310	–	167715

4900 Tensioning jaw

Made in Germany



HAZET No.	EAN-No. 4000896+
4900-33	138043

Made in Germany



HAZET No.	Ø mm	EAN-No. 4000896+
4900-35	95–130	121212

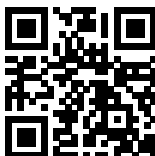
4900 Tensioning jaw set · MERCEDES-BENZ

Made in Germany

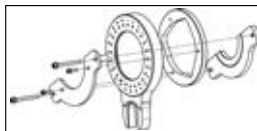


• With brake

- 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)
- (Price per piece)
- 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)



YouTube Clip



HAZET No.		EAN-No. 4000896+
4900-39/11	11	167678
Centring insert for MERCEDES-BENZ , type X204 (C class)		
• Use with HAZET safety spring vice 4900-2 A, tensioning jaw 4900-17 as well as circular 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 circular 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 circular tensioning jaw with brake 4900-39/11		
4900-395	–	167746



Specialty tools

Chassis – Spring vices / Shock absorbers



4900 Tensioning jaw set · MERCEDES-BENZ

HAZET
No.



EAN-No.
4000896+

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 circular tensioning jaw with brake 4900-39/11

4900-396

–

167753

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

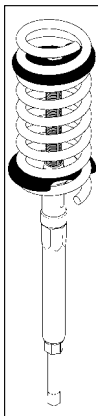
- E84 model year 2009 → 2015

- 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



YouTube Clip



HAZET
No.

l
mm

Ø
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

–

95–100

–

122646

4902-11

–

95–100

–

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

4904 Universal inside spring vice

Made in Germany



- Compact HAZET design enables spring replacement with remarkable time savings

- Universal application on almost all passenger cars

- Application: Installation and removal of the **coil spring on the rear axle**
- Anti-rotation device for lower tensioning jaws integrated in the base component reduces the outer diameter to only 32 mm thanks to compact design
- Pendulum hexagonal head for equal force distribution with integrated anti-rotation protection for upper tensioning jaws
- One-sided counterholder for the spindle made possible by hexagon on top, e.g. with combination wrench HAZET 600 N-13
- Removal and installation of springs with small coil spacing, e.g. for the **MINI** Cooper S (third generation) · **VW** Passat (B8)
- Extension of the span to 120 mm and an increase of the maximum load for increasing vehicle weights (electric and hybrid vehicles), for safe working up to 31,000 N → Tested with at least four-fold safety against breakage (GS mark of tested safety)
- 17° angular movement of the tensioning jaws now ensures removal of C-shaped (bent) springs, e.g. on the **AUDI** A4 (B9) · **VW** Golf 7
- Internal and external guidance of the tensioning jaws prevents the spring from sliding out
- All tensioning jaws included, reusable, replaceable plastic protective pads
- Tested on vehicles from the following manufacturers:
AUDI · BMW · CITROËN · FIAT · FORD · HYUNDAI · KIA · MAZDA · MERCEDES BENZ · MINI · OPEL · PEUGEOT · RENAULT · SEAT · SKODA · TOYOTA · VOLKSWAGEN

Highlights:

- Easy handling for just one user
- Eliminates time-consuming work associated with most spring removal:
 - Removal of axle parts unnecessary
 - Axle alignment no longer necessary
 - Removal and installation possible in just a few minutes on each side
- Plastic box
- Soft foam insert



Video



HAZET
No.

Ø
mm



EAN-No.
4000896+

- 6-piece set, contents:

- 1 inside spring vice 4904-1
- 1 tensioning jaw 4904-10 · span width 64 – 115 mm
- 1 tensioning jaw 4904-11 · span width 64 – 115 mm
- 1 tensioning jaw 4904-12 · span width 79.5 – 133 mm
- 1 tensioning jaw 4904-13 · span width 79.5 – 133 mm
- 1 tubular box wrench 4902-224 · s 24 mm

4904/6

–

6

238897

- Inner spring vice: spindle · drive nut · pressure sleeve with anti-rotation device

4904-1

–

–

236251

- Tensioning jaw · span width 64 – 115 mm

4904-10

64–115

–

236213

4904-11

64–115

–

236220

- Tensioning jaw · span width 79.5 – 133 mm

4904-12

79.5–133

–

236237

4904-13

79.5–133

–

236244

- Plastic protective pad (2 piece)

4904-100/2

–

–

240036

4904-120/2

–

–

240043

4912-6

–

–

238835

- Tubular box wrench, size 24 mm

4902-224

–

–

122660



4912 Support device

Made in Germany

• Can be used on almost all vehicles – helpful on vehicles with multi-link axle

- Application: Prevents unwanted raising of the chassis during a spring tensioning process
- Protective pads prevent damage to the vehicle parts
- Facilitates removal of rear axle springs
- Safety: visual chain provides a reminder for tool removal
- Use together with universal inside spring vice set 4904/6
- Clamping range: 80 – 127 mm
- Thrust block diameter: 30 mm
- Chain length: 750 mm



HAZET
No.

FAN-No.
4000896+

4912-6

238835

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)

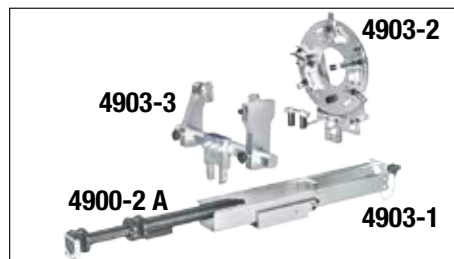
4 steps to success:

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)



YouTube Clip

4903 Universal spring vice



HAZET
No.

FAN-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

- 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)

4900-2A – 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

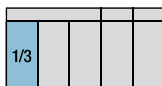
Made in Germany



- 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



YouTube Clip



4910 • ●
16 • 17 • 18 • 19
21 • 22 • 24



4910 • ○ • 1/2
6 • 7 • 8

4910 • ○ • 1/2
○ 5x8 • ○ 6x8

4910-1

HAZET No.	L x W x H mm	1/2	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 · hexagon

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 ≤ 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.	S	l mm	EAN-No. 4000896+
4910-T50	T50	122.5	120598

Made in Germany



- Application: Repair work at the strut e.g. shock absorber, strut mounting, coil spring
- Drive with ball race

For e.g. **OPEL/VAUXHALL** Insignia B model year 2017 →

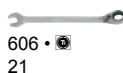


HAZET No.	l mm	EAN-No. 4000896+
4910-XZN 10	122.5	247004

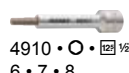


4915 Shock absorber tool set

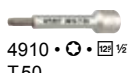
- Application: For repair work at the spring strut e.g. shock absorber, spring strut bearing, coil spring
 - Retaining the piston rod when removing and installing the spring strut
 - **Caution:** Follow vehicle manufacturer's specifications concerning torque values – Application with torque wrench e.g. 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



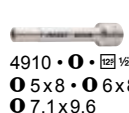
4910 • 6 • 7 • 8



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

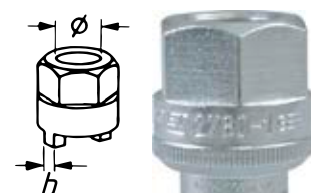
- **Made in Germany**
- Application: Operation of shock absorber screw connections (repairs) on VW • SEAT • AUDI vehicles (front axle)
- drive 22 mm, b = width of pins
- Surface: chrome-plated



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 model year 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

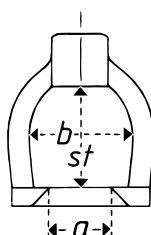


HAZET No.	EAN-No. 4000896+
2710-21	206414

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

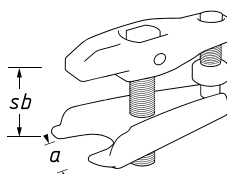


HAZET No.	a mm	b mm	st mm	EAN-No. 4000896+
1779-18	18	40	33	136001
1779-23	23	50	42	136018
1779-27	27	54	54	136025
1779-37	37	75	77	136032
1779-55	55	81.3	80	136407

• 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



Specialty tools

Chassis – Wheel bearing / Wheel hub

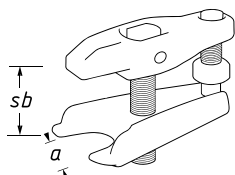


1779 Universal ball joint puller

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

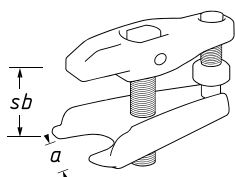


HAZET No.	a mm	sb mm	EAN-No. 4000896+
1779-3	32	85	135998

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

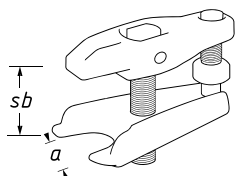


HAZET No.	a mm	sb mm	EAN-No. 4000896+
1779-22	20	50–80	141654

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: galvanized (free from Cr 6)



HAZET No.	a mm	sb mm	EAN-No. 4000896+
1790-4	30	65	145447

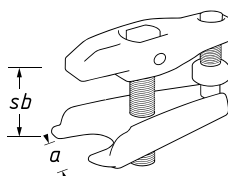


1790 Universal ball joint puller

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
- Surface: galvanized (free from Cr 6)



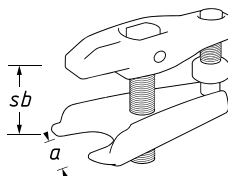
HAZET No.	a mm	sb mm	EAN-No. 4000896+
1790-7	20	12–50	148073

1790 Ball joint puller

Made in Germany

• Supported by hydraulic system

- Application: Safe removal of **ball joint pivots** and ball joints
- Surface: galvanized (free from Cr 6)
- For passenger cars · vans · commercial vehicles
- Load maximum 12 tonnes



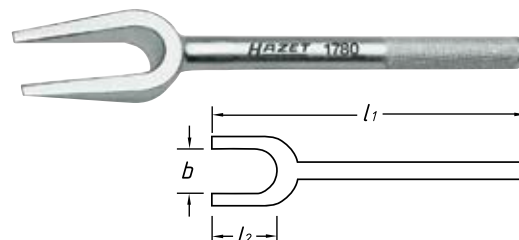
HAZET No.	a mm	sb mm	EAN-No. 4000896+
1790-5	32	70	145461

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.	s _b mm	Spindle	EAN-No. 4000896+
1781-5	10	115–225	G 3/4" x 200 mm	136049

2583 1/2" 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

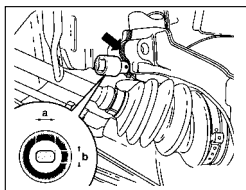


HAZET No.	S mm	l mm	EAN-No. 4000896+
2583	27	140	017034

4912 Spreader

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+
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- 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**

4912-1	5.5x8	10	48	156368
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- Application on e.g. **RENAULT** · **PEUGEOT** · **CITROËN** · **VW** Golf 7 · **SEAT** León 3
- 5x7 mm

4912-2	5x7	10	49	155804
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- Application on e.g. **BMW** · **MINI**
- 6x8 mm

4912-3	6x8	10	49	217427
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- Application on e.g. **MERCEDES-BENZ** Sprinter, type 910 with front-wheel drive model year 2018 →
- 7.8x11 mm

4912-4	7.8x11	10	50	222551
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4912 Universal spreader · mechanical

Made in Germany

- Large spreading range enables universal use
- Parallel pressure surfaces prevent the tool from accidentally popping out or slipping off

- Application: Expansion of the spring strut and ball joint mounting (separating the spring strut from the wheel bearing housing)
- Spreading range: 5.0 – 11.5 mm



YouTube Clip



HAZET No.	l mm	EAN-No. 4000896+
4912-5	56	239900

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.	2	EAN-No. 4000896+
4912-3/2	2	166596

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



Specialty tools

Chassis – Wheel bearing / Wheel hub



4932 Hollow piston cylinder

Made in Germany

• Compact hydraulic cylinder with a capacity of 17 tonnes



- Convenient spring reset
- For threaded spindle 4932 TR 20 and nut 4930-2
- Traction side: M27 x2, alternatively M42x2, 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 Ø: 80 mm
- Cylinder height – retracted: 206 mm / extended: 251 mm
- Including coupling, protective cap and adapter 4932-M 20
- Weight: 5.5 kg
- Max. working pressure [bar]: 700 bar



HAZET No.	EAN-No. 4000896+
4932-17	159741

4932 Threaded spindle

Made in Germany

- Surface: galvanized (free from Cr 6)
- 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

4932 Adapter for hollow piston cylinder · 4932-17

Made in Germany

- Surface: galvanized (free from Cr 6)



HAZET No.	EAN-No. 4000896+
Adapter for threaded spindle with thread M20	
• 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
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: M27 x2	
• Outside Ø: 80 mm	
4932-M 27 x2	160037

4932 Air-hydraulic pump

Made in Germany

- With manometer and 1.8 metre hydraulic hose with coupling
- Air inlet thread: 12.91 mm (1/4")
- Hydraulic connection: 16.41 mm (3/8") – 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
- Max. working pressure [bar]: 700 bar



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.	8	EAN-No. 4000896+
4931-1/8	8	155538





HAZET specialty tools – The specialist for specialists



Good ideas –
cleverly implemented
by HAZET



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-M20
- 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-M12 · 4935-41-M14
4935-44-M20 · 4935-45-M14
4935-42 · 4935-43

4935-2/15	15	164479
• Tension bolt M12 x 1.5		
4935-40-M12	–	166749
• Tension bolt M14 x 1.5		
4935-41-M14	–	166732
• Hexagon collar nut M14		
4935-45-M14	–	165612
• Threaded spindle 230 mm long		
4935-44-M20	–	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



Ø 200 mm
4960-0200/2



YouTube Clip

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

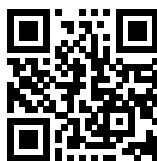
- 2 spare grinding wheels Ø 200 mm

4960-0200/2 200 2 143306

4960 F Rim flange cleaner

- Prevents the falsification of the wheel bolt tightening torque originated by corrosion

- Application: Optimum cleaning of the contact surface on the rim inside
- 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



YouTube Clip



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

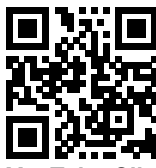


4960 R Wheel hub grinder

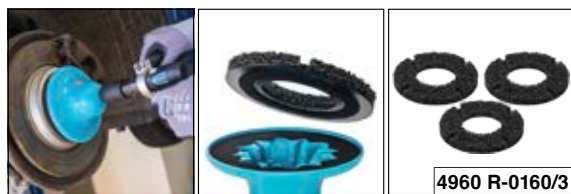
- Prevents the falsification of the wheel bolt tightening torque originated by corrosion



- 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



YouTube Clip



4960 R-0160/3

HAZET
No.

EAN-No.
4000896+

- For passenger car wheel hubs up to 160 mm Ø
- Inside diameter: 75 mm Ø
- Rotation speed maximum 500 rpm
- 4-piece set** · Contents:
1 base component
3 grinding wheels Ø 160 mm

4960 R-160/4 4 218820

- 3 spare grinding wheels** Ø 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



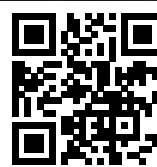
- Application: Quick and easy removal of rust and dirt from contact surfaces of wheel hubs and brake discs with wheel bolt support
- With □ 12.5 mm (½ inch) inside square collet for attachment e.g. to pneumatic, cordless and corded impact wrenches
- Wear-resistant: around 100 vehicles per wheel
- Open-pored 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



YouTube Clip

HAZET
No.

EAN-No.
4000896+

- For passenger car wheel hubs up to 160 mm Ø
- Inside diameter: 75 mm Ø
- Rotation speed maximum 500 rpm
- 2-piece set** · contents:
1 base component
1 grinding wheel Ø 160 mm

4960 V-160/2 2 218394

- 3 spare grinding wheels** Ø 160 mm
- For 4960 V-160/2
- Hook and loop fastener for quick changing of grinding wheels

4960 V-0160/3 3 218813

4960 N 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



HAZET
No.

EAN-No.
4000896+

- Hexagon insert for firm hold on the device
- 8-point profile** enables safe and firm fixation of the grinding wheel to the base component
- For wheel hubs with stud bolts (diameter of grinding zone 40 or 50 mm; stud bolt maximum 55 mm length), e.g. **FORD · PORSCHE · Volvo**, Japanese passenger cars
- Wear-resistant: around 50 vehicles per wheel

12-piece set · contents:
1 base component made of aluminium
6 grinding wheels, diameter 50 mm
5 grinding wheels, diameter 40 mm
4960 N-45/12 12 186860

- Hook and loop fastener for quick changing of grinding wheels

5 spare grinding wheels (small) Ø 40 mm
4960 N-40/5 5 187232

- Hook and loop fastener for quick changing of grinding wheels

5 spare grinding wheels (small) Ø 50 mm
4960 N-50/5 5 187126



Specialty tools

Chassis – Silent block



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
- M12x1.75

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

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 Double silent block tool set

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)



YouTube Clip



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: Operation of the double silent block tool set 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

4929 Spindle set

Made in Germany

• Operation of the tool sets for silent blocks

4925-2506/16

• 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 LG-1 3/8" Drive shaft screwdriver socket · VAG

Made in Germany

• Save significant time with the use of this tool



- Application: Operation of right-hand drive shaft / stub shaft / flanged shaft on VAG all-wheel drive vehicles.
Operation of the fastening screws of the heat protection plate when removing the drive shaft
- Due to the restricted installation conditions, removal of the drive shaft is not possible without this tool
- Torque-controlled screw tightening, e.g. with HAZET 5110-3 CT possible (follow the manufacturer's specifications)
- Extra long design



HAZET No.	S mm	l ₁ mm	l ₂ mm	EAN-No. 4000896+
2584 LG-1	6	300	327	246298

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		
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



1847 Pliers for axle boot clamps



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 · 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



Specialty tools

Chassis – Cardan shafts



1847 Circlip pliers

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

Made in Germany

- Application: Operation of snap rings / circlips on flange and cardan shafts for **VW** e.g. T4
- 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
- Plastic box 165-L (1/3)
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



YouTube Clip



1847 Circlip pliers set



1847-12



1847-121/2



1847-122/2



1847-123/2



1847-124/2



1847-125/2



1847-126/2



1847-127/2



HAZET No.	L x W x H mm	15	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 (Ø 19 mm)	
1847-121/2	221295
• Half shell pair (Ø 21.4 mm)	
1847-122/2	221301
• Half shell pair (Ø 22.3 – 23 mm)	
1847-123/2	221318
• Half shell pair (Ø 23.8 – 24.6 mm)	
1847-124/2	221325
• Half shell pair (Ø 26.2 – 26.9 mm)	
1847-125/2	221332
• Half shell pair (Ø 28.5 – 29.2 mm)	
1847-126/2	221349
• Half shell pair (Ø 30 mm)	
1847-127/2	221356

1847 Supplementary set

Made in Germany

- Half shell pair (Ø 32.8 mm)
- Supplement for 1847-12/15
- Easy, damage-free installation of the drive shaft joint **VW T5 · T6**
- Correct, centred insertion of the circlip, e.g. when mounting the hinge on the drive shaft
- Exact fit, safe storage in the circlip pliers set 1847-12/15 with supplied soft foam insert



YouTube Clip



HAZET No.	EAN-No. 4000896+
1847-128/2	242009



3047 1/2" Impact socket · 12-point

Made in Germany

Operating the 12-point cardan shaft screw connection s 36 mm in the wheel hub



- Considerably smaller outer diameter $\varnothing$ 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 3129, ISO 2725-2

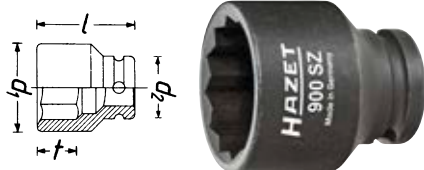


HAZET No.	s mm	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
3047-36	36	60	47	30	25	190683

900 SZ 1/2" Impact socket · 12-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



HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
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- Operation of cardan shaft screw connection on **VW** Golf model year 2004 →, Touran model year 2004 →, Golf Plus model year 2006 →, Eos model year 2006 →, Scirocco model year 2009 →, Tiguan model year 2008 →, **AUDI** A3 model year 2004 →, TT model year 2007 →

900 SZ-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 SZ-30 50 42 30 23.3 086573

- Operation of cardan shaft screw connection in the wheel hub on **VW** Touareg model year 2003 →
AUDI A4 model year 2001 →, A6 model year 2005 →, A8 model year 2003 →, Q7 model year 2007 →

900 SZ-32 50 44.5 30 22.2 115921

- For axle shaft nut on
– **BMW** 3 · 5 · 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 SZ-36 60 50 30 25 100132

990 LG 1/2" Screwdriver socket

Made in Germany

- Application: Install and remove cardan shafts on **VW**, **AUDI** (XZN screw M8)

- Long design
- With knurling
- Surface:



HAZET No.	s	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
990 LG-8	M8	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 together with HAZET sliding hammer 4797-1 (not included in delivery)
- 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
– M16x1.5 (**VAG** · **MAZDA**)
– M18x1.5 (**Volvo** · **SUZUKI** · **OPEL/VAUXHALL**)
– M20x1.5 (**MERCEDES-BENZ** · **VAG** · **MITSUBISHI** · **MAZDA**)
– M22x1.5 (**FIAT** · **PSA** · **BMW** · **FORD** · **OPEL/VAUXHALL** · **HYUNDAI**)
– M24x1.5 (**RENAULT** · **BMW** · **MERCEDES-BENZ** · **OPEL/VAUXHALL** · **MAZDA** · **HONDA** · **VAG**)
– M27x1.5 (**PSA** · **BMW** · **FORD**)
– M30x1.5 (**MERCEDES-BENZ** · **PSA** · **BMW**)



YouTube Clip

HAZET No.		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 for 4935-11/12		
4935-111	–	217571
4935-112	–	217564
Extraction sleeve M16x1.5 for AUDI · SEAT · ŠKODA · VOLKSWAGEN · MAZDA		
4935-1116	–	217588
Extraction sleeve M18x1.5 for Volvo · SUZUKI · OPEL/VAUXHALL		
4935-1118	–	217601
Extraction sleeve M20x1.5 for MERCEDES-BENZ · AUDI · SEAT · ŠKODA · VOLKSWAGEN · MITSUBISHI · MAZDA		
4935-1120	–	217618
Extraction sleeve M22x1.5 for FIAT · PEUGEOT · CITROËN · BMW · FORD · OPEL/VAUXHALL · HYUNDAI		
4935-1122	–	217625
Extraction sleeve M24x1.5 for RENAULT · BMW · MERCEDES-BENZ · OPEL/VAUXHALL · MAZDA · HONDA · AUDI · SEAT · ŠKODA · VOLKSWAGEN		
4935-1124	–	217632
Extraction sleeve M27x1.5 for PEUGEOT · CITROËN · BMW · FORD		
4935-1127	–	217656
Extraction sleeve M30x1.5 for MERCEDES-BENZ · PEUGEOT · CITROËN · BMW		
4935-1130	–	217663
Clamping sleeve for 4935-11/12		
4935-1139	–	217670
4935-1146	–	217687



Specialty tools

Chassis – Wheels / Tyres



900 SZ 1/2" Impact socket set

Made in Germany



- Application: Operation of drive and cardan shaft screw connections, e.g. s 24 mm for **VW** Touran model year 2006 → and Passat C s 30 mm for axle shaft nut on **VW** Golf 4 · Polo and New-Beetle · **AUDI** TT 1.8 · **ŠKODA** Octavia · Superb · Fabia s 32 mm operation of the cardan shaft screw connection in the wheel hub on **VW** Touareg model year 2003 → s 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 3129, ISO 2725-2



900 SZ • 12.5 • 1/2
24 • 30 • 32 • 36



HAZET No.		EAN-No. 4000896+
900 SZ/4	4	156375

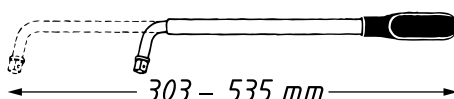
Wheels / Tyres

772 Telescopic wheel nut wrench

Made in Germany



- Solid telescopic part, drop forged
- For series 900 sockets
- Surface: chrome-plated



HAZET No.	l_1 mm	l_2 mm	EAN-No. 4000896+
772	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

665 Balance weight pliers

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



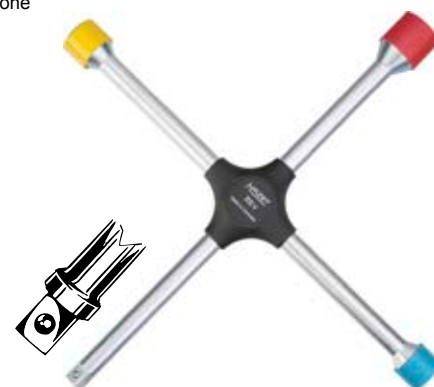
HAZET No.	S mm	l mm	EAN-No. 4000896+
705 N	17x19x13/16x21	380	029389
• With 12.5 = 1/2" for series 900 sockets			
705 V-02	17x19x22x12.5 1/2	380	029396

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 series 900 sockets



YouTube Clip

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



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



Specialty tools

Electricity / Battery service – Electrical testing



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 N/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



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	$\frac{a}{b}$ mm	b mm	EAN-No. 4000896+
4650-3	95	1.7	14.5	102051

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





Specialty tools

Electricity / Battery service – Contacts / Plug connections



Contacts / Plug connections / Cable release tool

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 Cable release tool assortment

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



4671-9



4672-13



4673-12



4671-10



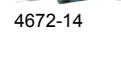
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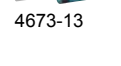
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4672-11



4672-15



4674-4



4672-12

HAZET
No.



EAN-No.
4000896+

4670-4/10

10

135530

Made in Germany

- Application: For damage-free releasing of plug contacts, e.g. flat and round plug contacts



4671-4



4672-6



4672-20



4671-5



4672-7



4674-1



4671-11



4672-16



4674-7



4672-5



4672-19



4674-8

HAZET
No.



EAN-No.
4000896+

4670-5/12

12

135646

4670 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



4671-1



4672-2



4671-2



4672-3



4671-3



4672-4



4673-2



4673-4



4672-1



4673-1



4673-3



4673-5

HAZET
No.



EAN-No.
4000896+

4670-1/12

12

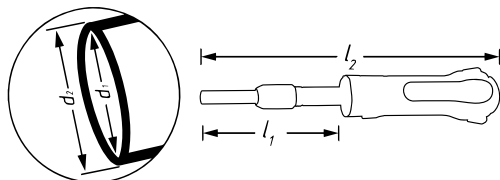
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4671 Cable release tool

🇩🇪 **Made in Germany**

• Application: Damage-free unlocking of **round connector contacts**



4672 Cable release tool

🇩🇪 **Made in Germany**

• Application: Damage-free unlocking of **blade terminal contacts**



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	60	144	5.2	5.8	135837
• Round connector system 4671-16	57	142	2.9	3.5	135844

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



Specialty tools

Electricity / Battery service – Contacts / Plug connections



4672 Cable release tool



HAZET No.	EAN-No. 4000896+
• Flat connectors with 2 snap-in pins / contact width 2.8 mm	
4672-15	135615
• E-95	
4672-16	135677
• MCP 2.8 mm	
4672-19	135714
• MCP 4.8 mm and MCP 6.3 mm	
4672-20	135738
• Ducon 9.5	
4672-22	135813

4673 Cable release tool

Made in Germany



• Application: Damage-free releasing of **micro-standard timer, secondary locking and various lock catches**



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 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

4675 Unlocking tool · plug connections · VAG

Made in Germany



• **VAG** group plug connections, e.g. injectors · rail pressure sensors · fluid level sensors · ignition coils · vacuum sensors · brake wear sensors · pressure regulators · lighting systems



HAZET No.	l_1 mm	l_2 mm	EAN-No. 4000896+
• Damage-free unlocking of electrical plug connections on various components and sensors			
4675-1	71	130	244331
• Extra-long blade, curved at the head allows access to hard-to-reach places			
• Head offset 20 mm			
• Damage-free unlocking of electrical plug connections on various components and sensors			
4675-2	132	191	244348



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 · SEAT**



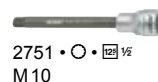
HAZET No.	S mm	l mm	mm	EAN-No. 4000896+
2592	19.6	30	17	057443

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.

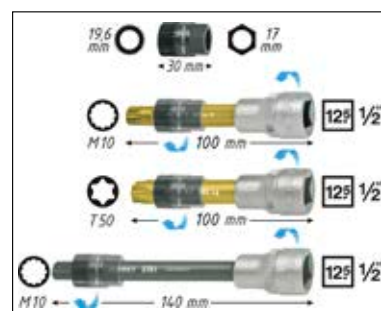
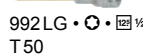
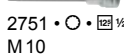
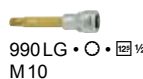


HAZET No.	l mm	mm	EAN-No. 4000896+
4641/2	140	2	081479

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 screw connection
- **TORX** and XZN screwdriver sockets for different inside profiles
- The generator is locked with the respective screwdriver socket and the screw connection 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.



HAZET No.	mm	EAN-No. 4000896+
4641/4	4	103157



Specialty tools

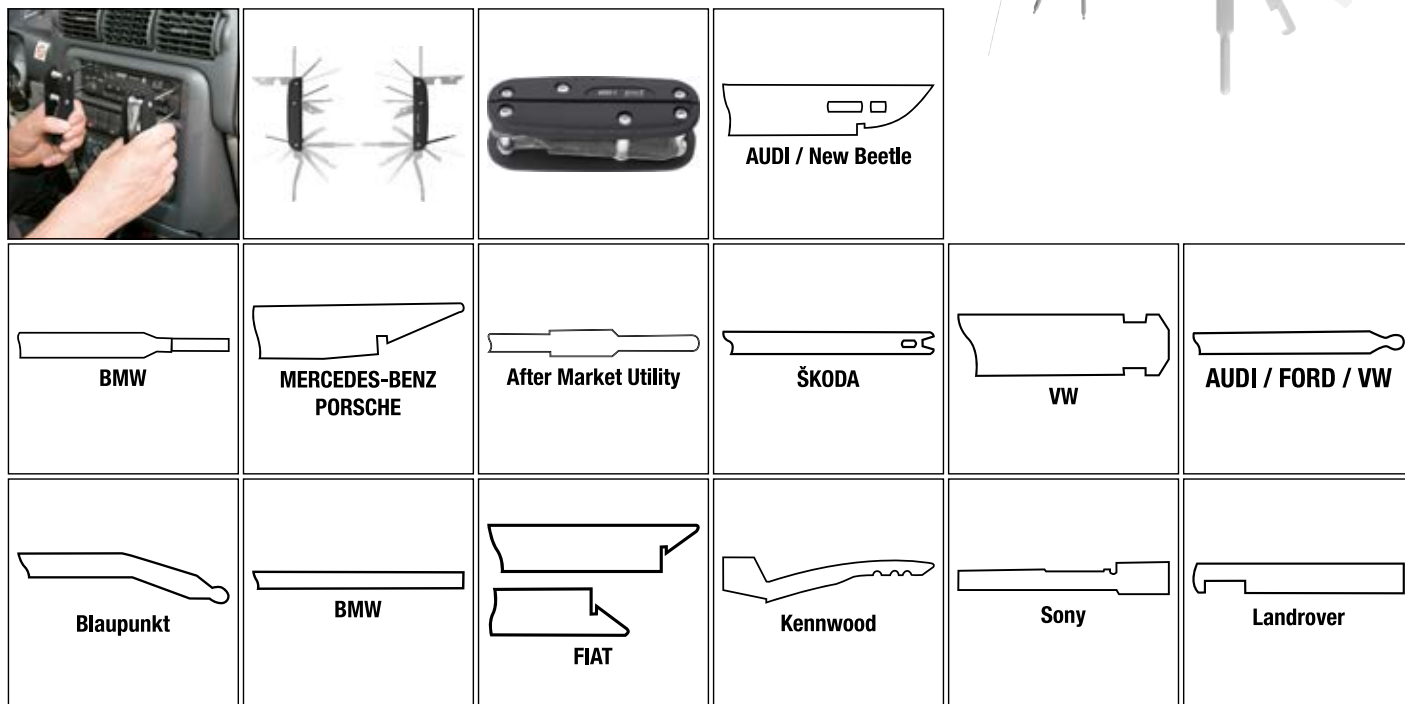
Electricity / Battery service – Alternator / Radio removal



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





Body and interior equipment

Car body repair

For grip pliers see chapter Hand Tools / Pliers on page 239–240

0-1900 Tool assortment

Assortment for car bodies

- For tool trolleys *Assistant*



1905 Body and fender tool set

Made in Germany

- For car body work
- Sheet metal box (HAZET blue)
- Soft foam insert



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
- 110x50 mm, height: 50 mm



HAZET No.	EAN-No. 4000896+
1917 N	007509

1918 N Hand anvil

Made in Germany

- Wedge-shaped
- 110x63 mm



HAZET No.	EAN-No. 4000896+
1918 N	007516



HAZET No.		EAN-No. 4000896+
0-1900/77	77	000241



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
- 84x62 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

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 52 x 150 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 60 x 30 x 200 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 170 x 50 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 105 x 85 x 38 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

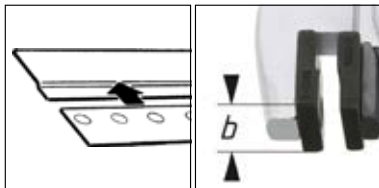


1932 Flange tool

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+
• For sheet metal punching up to 1 mm during spot-welding (MAG-welding)			
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

- 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

- 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





Specialty tools

Body and interior equipment – Car body repair



1961 Sheet metal profile snips

- 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)



1961 L-3



1961 R-3

HAZET No.	l mm	EAN-No. 4000896+
• Left hand cutting 1961 L-3	180	176533
• Right hand cutting 1961 R-3	180	176540

1963 Hand riveting tool

- Application: Safe and fast rivet joints
- For **blind rivets** made of aluminium up to 5 mm Ø, steel up to 4 mm Ø, stainless steel up to 3.2 mm Ø
- Rivet is fixed automatically when inserting the nose piece
- Quick changing of nose pieces due to knurling, no tools needed
- Rivet snaps off with little effort
- Due to the design, the slitting process of the rivet pin is optimally damped
- Patented rivet plug gauge
- Assembly tool in the handle

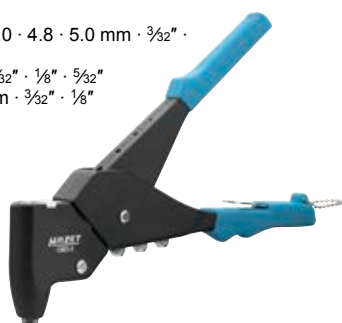


HAZET No.	l mm	EAN-No. 4000896+
1963 N-1	255	187447

- 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
- 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"
- 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 holders

- **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 holders

- **Made in Germany**



- Made of wood
- Without file blade



HAZET No.	l mm	EAN-No. 4000896+
• For flat file blades 1934-1 up to -5 1934 N-1	525	008155
• For half-round (hollow) file blades 1934-7 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



1934 Car body file blade

- Half-round (hollow)
- Diagonal cut
- Teeth (cut): 1 = coarse
- For file holder HAZET 1934 N-2
- DIN 7264 form F

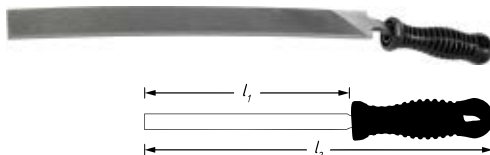


HAZET No.	l mm	EAN-No. 4000896+
1934-7	350	008100

1934 Car body file

Made in Germany

- Heat the metal with a welding torch. Then work the metal with the file. Due to the special alloy, the heat will be extracted when working the metal with the file and the metal will be planished
- 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
• Single cut • Teeth (cut): 0 = coarse - 1934-10			
1934-10	350	430	008032

1935-1938 K Car body hammer

Made in Germany

- HICKORY handle



HAZET No.	l mm	Ø mm	EAN-No. 4000896+
• Bumping and planishing hammer • 154 mm • 2 round faces of different sizes			
1935	308	Ø 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	Ø mm	EAN-No. 4000896+
• Planishing and embossing hammer • 160 mm • Round face and ball			
1940	309	Ø 40 × 17	008230
• Planishing and cross-peen hammer • 135 mm • Round face and curved, sharp pin			
1943	309	Ø 40 — 15	008261

1944-1950 Car body hammer

Made in Germany

- HICKORY handle

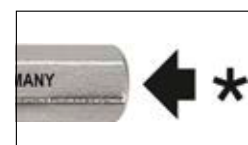


HAZET No.	l mm	Ø mm	EAN-No. 4000896+
• Bumping and picking hammer • 165 mm • Rounded face and straight calibration pin			
1944	325	Ø 41 × 10	008278
• Aluminium hammer • Flat, half-round			
1950	310	Ø 30	008339

1967 Welding spot drill

Made in Germany

- Application: Precise welding of welding spots in sheet metal processing
- 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



Specialty tools

Body and interior equipment – Car body repair



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



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
- Tip 0.5 mm



HAZET No.	l mm	h mm	b mm	EAN-No. 4000896+
1965-20	190	25	30	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



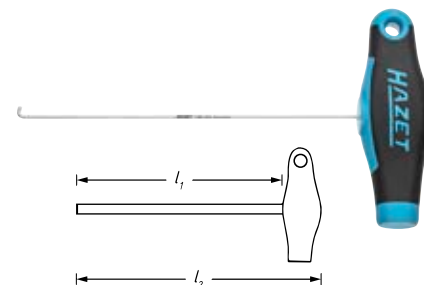
HAZET No.	l mm	b mm	EAN-No. 4000896+
1965-21	270	22	087839

1965-22 Extractor hook

Made in Germany

- High stability and flexibility despite small blade diameter (Ø 2 mm)

- Application: For the removal of e.g. covers · plugs · fan nozzles · instrument panels · speedometer · instrument clusters inside the vehicle as well as on the car body
- Hook 6 mm · bent 80°
- 2-component T-handle



HAZET No.	l1 mm	l2 mm	EAN-No. 4000896+
1965-22 A	146.5	180.5	247448

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 model year 2004 → · Golf Plus model year 2005 → · Jetta model year 2006 → · Crafter model year 2006 → · Tiguan model year 2008 → · Passat model year 2006 → · Scirocco 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: 16 mm to 7 mm
- Width: 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

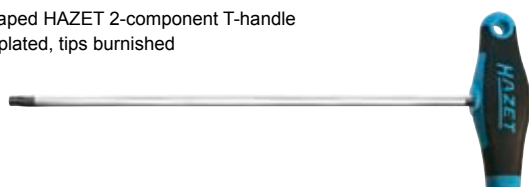


HAZET No.	l mm	EAN-No. 4000896+
799-6	260	110346

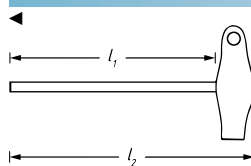
828 LG-T Screwdriver · with T-handle

Made in Germany

- 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



828 LG-T Screwdriver · with T-handle



HAZET No.	l1 mm	l2 mm	mm	EAN-No. 4000896+
828 LG-T 20	200	226	3.86	139941

2597 Insert tool for door hinges · bent bit holder

Made in Germany

- **Torque-controlled screw tightening possible** (Please follow the instructions of the manufacturer)

- Application: Installing, removing and adjusting the front and rear doors
- 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 · 5290-3 CT
- – **VW** Observe torque regulations –
- Surface: chrome-plated



YouTube Clip



HAZET No.	l mm	EAN-No. 4000896+
2597	95	017379

2597 Bit

Made in Germany

- **Torque-controlled screw tightening possible** (Please follow the instructions of the manufacturer)

- Application: Installing, removing and adjusting the driver and passenger door
- Removing or loosening together with tool holder HAZET 6396
- Installation with torque wrench HAZET 6290-1 CT or 5290-3C T
- Together with curved bit holder HAZET 2597
- Hexagon drive ISO 1173 C8 (5/16")
- **VW · SKODA** Fabia 2 model year 2007 → 2014 · Roomster model year 2006 → 2015, **AUDI** A5 model year 2007 → 2016
- For **inside TORX**® screws T45



HAZET No.	l mm	EAN-No. 4000896+
2597-01	18	017386

Made in Germany

- **Torque-controlled screw tightening possible** (Please follow the instructions of the manufacturer)

- Application: Installing, removing and adjusting the driver and passenger door
- Removing or loosening together with tool holder HAZET 6396
- Installation with torque wrench HAZET 6290-1 CT or 5290-3C T
- Together with curved bit holder HAZET 2597
- Blister packed
- Hexagon drive ISO 1173 C8 (5/16")
- **VW** Golf 4 model year 1997 → 2006 · Golf 7 model year 2012 → 2021 · Passat B5 model year 1996 → 2000, **SEAT** León model year 1999 → 2006
- For **screws with internal serration (XZN)** M10
- Similar to DIN 65254



HAZET No.	l mm	EAN-No. 4000896+
2597-02	21	066667



Specialty tools

Body and interior equipment – Car body repair



2597 Bit

Made in Germany

• Torque-controlled screw tightening possible (Please follow the instructions of the manufacturer)



- Application: Installing, removing and adjusting the driver and passenger door
- Removing or loosening together with tool holder HAZET 6396
- Installation with torque wrench HAZET 6290-1 CT or 5290-3C T
- Together with curved bit holder HAZET 2597
- Blister packed
- Hexagon drive ISO 1173 C8 (5/16")
- VW Golf 5 model year 2003 → 2008 · Golf 6 model year 2008 → 2012 · Passat B6 model year 2005 → 2010 · Caddy model year 2004 → 2010 · Beetle model year 2011 → 2019 · Sharan 2 model year 2010 → · Tiguan model year 2011 → · Touran model year 2010 →, ŠKODA Superb model year 2008 →
- For screws with internal serration (XZN) M8
- Similar to DIN 65254



HAZET No.	l mm	EAN-No. 4000896+
2597-03	21	118830

Made in Germany

• Torque-controlled screw tightening possible (Please follow the instructions of the manufacturer)



- Application: Installing, removing and adjusting the driver and passenger door
- Removing or loosening together with tool holder HAZET 6396
- Installation with torque wrench HAZET 6290-1 CT or 5290-3C T
- Together with curved bit holder HAZET 2597
- Hexagon drive ISO 1173 C8 (5/16")
- VW Polo 6 model year 2017 → · T-Cross model year 2018, ŠKODA Fabia 3 model year 2014 →, Porsche Panamera
- For screws with internal serration (XZN) M12



HAZET No.	l mm	EAN-No. 4000896+
2597-04	21	241972

Made in Germany

• T45 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 · 5290-3C T – observe VW torque regulations –
- Hexagon drive ISO 1173 C6.3 (1/4")



HAZET No.	l mm	EAN-No. 4000896+
2597-T45	25	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 → 2010 · Tiguan model year 2008 → · Golf 6 model year 2008 → 2012 · Golf 7 model year 2012 → 2021 · Amarok model year 2010 → · Beetle model year 2011 → 2019
- Assembly of the door lock VW Fox model year 2005 → 2011
- Ergonomically shaped 1-component trinamic handle



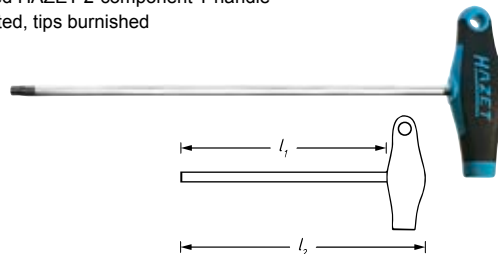
HAZET No.	l ₁ mm	l ₂ mm	EAN-No. 4000896+
2598-1	155	256	204144

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

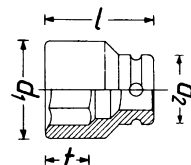
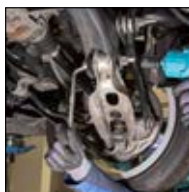
2521 S 1/2" Impact socket set · with special profile

Made in Germany



• Optimised special profile for damage-free attachment of the flat-head lightweight nuts

- Application: For the operation of lightweight nuts with special profile for rear axle screw connections / camber adjustment e.g. AUDI A4 B9 model year 2015 → · A6 C8 model year 2018 →
- Surface: phosphatized



HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
2521 S-1	40	31	30	15	246571

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
- Ø in the operating range: 27 mm
- Pin Ø: 2 mm
- Pin height: 2 mm
- Distance between pins: 22.9 mm



HAZET No.	l mm	EAN-No. 4000896+
2534-1	22	224227



2797 1/4" 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



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

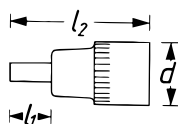
2797 3/8" Headlights adjustment tool

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



HAZET No.	S mm	l mm	d mm	EAN-No. 4000896+
2797-14	14	195	18	202201



828 Screwdriver · with T-handle

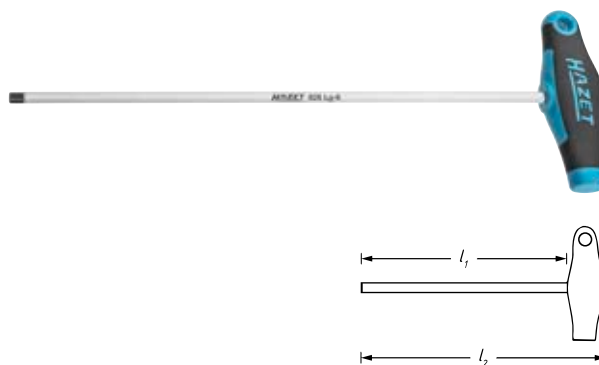
- Application: Setting the headlights on **FORD** models
Optimal length ensures direct use on the component (putting together several tools is not necessary)
- 6-point blade
- Ergonomically shaped HAZET 2-component T-handle
- Surface: chrome-plated, tips burnished



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



Specialty tools

Body and interior equipment – Car glass / Wiper arm



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.	l_2 mm		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			
• Total blade length 370 mm · tapered to 160 mm			
• Extraction of glued car windows			
4852-4 A	–	–	164769
• Wire starter for puncturing the glue bead			
• Extraction of glued car windows			
4852-5	325	–	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 $\varnothing$ 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 $\varnothing$
- Adjusting needle ($\varnothing$ 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 $\varnothing$ to pick up small parts
- Adjusting needle ($\varnothing$ 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 270 x 200 mm
 - Protection panel, straight, 450 x 300 mm



HAZET No.		EAN-No. 4000896+
4852/4	4	210114

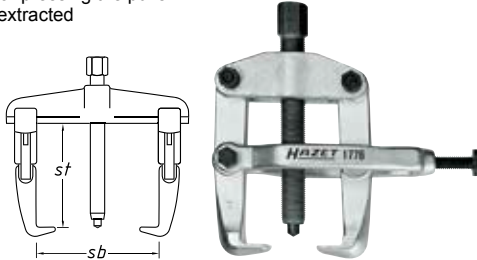


Steering wheel

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

Made in Germany



- Long design
- Hexagon drive similar to ISO 1173 C6.3 (¼")



HAZET No.	l mm	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 vehicles

Engine

Cylinder head

2850 3/4" 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



HAZET No.	s	l mm	d ₁ mm	d ₂ mm	mm	t mm	EAN-No. 4000896+
2850-E20	E20	110	25	44	18.49	15	079681
2850-E24	E24	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, 2154G · 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



Specialty tools

Commercial vehicles – Engine



2849 Single box-end wrench

Made in Germany

• Operation of the turbocharger nuts on MAN trucks



- 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 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 ≤ 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 5292-3 CT · 6292-1 CT (screw tightening)
- Necessary due to limited space
- Surface: phosphatized, oiled



HAZET No.	l mm	EAN-No. 4000896+
2871-E12	28	201730

4550 3/8" Injection line wrench

Made in Germany

• Open 12-point socket



- Application: Operating screwed connections on injection lines
- Surface: chrome-plated
- 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

4550 1/2" Injection line wrench

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 double hexagon socket for injection lines
- The tightening torque required by the manufacturer is achieved by using a HAZET torque wrench (observe manufacturer specifications)
- Surface: burnished
- **DAF** Euro 6 engines MX11/ MX13 e.g. XF · CF
- ☐ Drive 12.5 = $\frac{1}{2}$ "

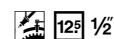


HAZET No.	s mm	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
4550-21	21	91	33	32	19	204137

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
• For MAN and MERCEDES-BENZ commercial vehicles M 401/421, M 402/422 · LA · A · M 403/423 · M 470h • For commercial vehicles with EDC engines: MERCEDES-BENZ and MAN • With hole bored through for connecting cable • 32 mm outside hexagon drive • Chrome-vanadium • Surface chrome-plated				
4558-1	120	29	36	050529
• E.g. for MERCEDES-BENZ and MAN commercial vehicles • Counterholder for fixation between compression nut and nozzle holder – prevents slipping • 32 mm outside hexagon drive				
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 M10
- 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	M10	226	134304





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

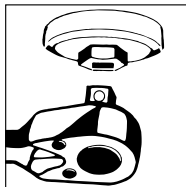
2168 Ad-Blue® filter wrench

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
- Ø 46 mm



HAZET No.	Ø 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 vehicle types: www.hazet.de → **Service** → **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 A 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 vehicle types: www.hazet.de → **Service** → **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, Zetros
- 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
EURO6 with HEYCO expansion tank model year 2012 →



HAZET No.		EAN-No. 4000896+
4800/8	8	216499



Specialty tools

Commercial vehicles – Oil service



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+

- **SCANIA** 143 · G · P- and R-series
- Please follow the instructions of the manufacturer

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 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 approx. 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
- Hose: 10 x 16 mm
- Outside diameter: 16 mm
- Inside diameter: 10 mm



YouTube Clip

HAZET
No.

EAN-No.
4000896+

4802-1 200030

Oil service

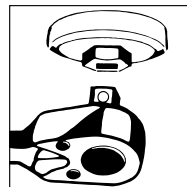
2169 Oil filter wrench

Made in Germany

- Application: Operation of oil filters e.g. from MANN as well as MAHLE/KNECHT



125 1/2



HAZET
No.

mm

mm

EAN-No.
4000896+

- 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 24 119 116690

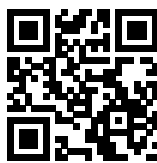
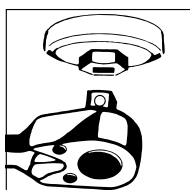


2169 Oil filter wrench

- 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

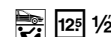


YouTube Clip

HAZET No.	mm	mm	EAN-No. 4000896+
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 model year 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**

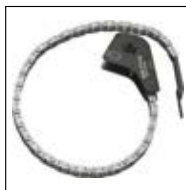


- The opening in the oil filter chain allows them to be used even in places which are difficult to reach due to the construction

- Application: Operation of oil filters and air dryer cartridges



YouTube Clip

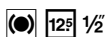


HAZET No.	Ø mm	EAN-No. 4000896+
2171-8 LG	50–150	203703

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



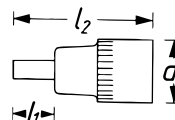
HAZET No.	Ø mm	EAN-No. 4000896+
2195	90–140	014101

2784 3/4" 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



HAZET No.	s mm	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
2784-14	14	60	112	33.2	155583



Specialty tools

Commercial vehicles – Brakes



2784 3/4" 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



HAZET No.	S	l ₂ mm	mm		EAN-No. 4000896+
2784-T60/4	T60	120	13.25	4	188611

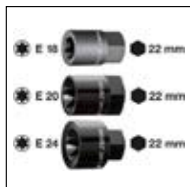
2871 Brake calliper TORX® socket

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.	S	l ₂ mm	d mm	mm	f mm	EAN-No. 4000896+
• For e.g. MAN TGM and TGL						
2871-E18	E18	39.5	23.4	16.70	13.5	176175
• For e.g. MAN TGM · TGA						
2871-E20	E20	39.5	25.7	18.49	15.9	148790
• For e.g. MAN TGA · TGS · TGX						
2871-E24	E24	39.5	35	22.16	19.7	148783

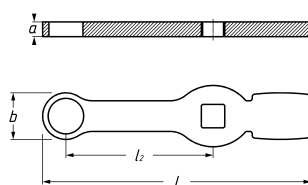
2872 TORX® slogging wrench · with 2 striking faces

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 lasered formula for calculating the correct effective length



2872 TORX® slogging wrench · with 2 striking faces



HAZET No.	l mm	l ₂ mm	a mm	b mm	mm	EAN-No. 4000896+
For e.g. MAN TGL TGM						
2872-E18	215	120	12	30	16.70	201235
2872-E20	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-E24	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 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



YouTube Clip



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

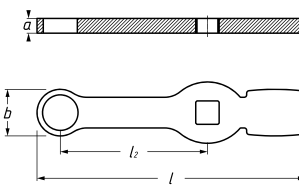
- The 12-point profile allows application even in areas with hard-to-reach screw connections



- 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



YouTube Clip



HAZET No.	l mm	l ₂ 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	120	12	38	204175
E.g. for DAF XF95/ XF105/ XF						
2872 SZ-26	219	120	120	12	38	203727
For e.g. MERCEDES-BENZ Atego · Actros · KÄSSBOHRER buses Volvo FH						
2872 SZ-27	220.5	120	120	12	38	207183
For brake callipers on front and rear axles SCANIA series 3 · 4 · G · P · T · R · S · SCANIA Omnibus Citywide LE/LF · OmniCity · OmniLink and SCANIA chassis and IVECO Stralis						
2872 SZ-30	225.5	120	–	12	45	246281



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



YouTube Clip

HAZET
No.

4969-612

EAN-No.
4000896+

204281

4971 Brake calliper resetting tool

Made in Germany

- Adjusting with nut-driver ≤ 12 mm

- Application: Operation of the adjuster (adjusting the brake calliper) on Knorr-Bremse disc brakes on trucks, buses, trailers and trailer axles from all brands
- Special 11-tooth profile



HAZET
No.

4971-11

l

mm

d₁

mm

d₂

mm

f

mm

EAN-No.
4000896+

218257

Made in Germany

- Special insert in the ratchet wrench ensures safe power transmission on the resetting device

- Application: Resetting **WABCO** brake callipers without removing the brake cylinder on **MERCEDES-BENZ** Actros, Antos, Arocs
- Non-slip HAZET 3-component handle – allows high power transmission



HAZET
No.

4971-12

l

mm

EAN-No.
4000896+

232857

4972 Lifting aid

Made in Germany

- Allows you to work safely, without straining your back, in tight spaces in the wheel arch 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 hubs on commercial vehicles
- Makes fitting screws easier
- Takes the various installation situations of the brake callipers into consideration
- Easy to use
- One-hand operation possible via spindle
- Second person not required
- Setting range min./max.: 716 – 911 mm



YouTube Clip



4972-1



4972-2



4972-1/2



4972-3



4972-4

HAZET
No.

- 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

- Swivel bearing**

- Use with brake calliper holder 4972-1

- For 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: galvanized (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: galvanized (free from Cr 6)



HAZET No.	a mm	sb mm	EAN-No. 4000896+
1790-5	32	70	145461
1790-6	40	85	145478

4961 N Wheel hub grinder

Made in Germany

- Grinding pad made of aluminium with 8-point profile enables safe and firm fixation of the grinding wheels

- 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



HAZET No.		EAN-No. 4000896+
4961 N-23/12	12	186754
4961 N-023 M/5	5	187270
4961 N-023 S/5	5	187287

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

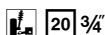


HAZET No.	l mm	EAN-No. 4000896+
4685-2	366	222886



4937 Commercial vehicle pin wrench set

Made in Germany



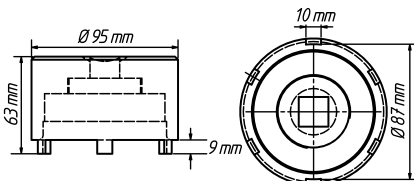
• For repair and maintenance work on the wheel hub, wheel bearing or brake disc on MAN, MERCEDES-BENZ

• 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 $\varnothing$: 87 mm
- Length (total): 65 mm
- 6 pins, width of pins: 10 mm
- Two replaceable guide tubes
Outside- $\varnothing$: 49 mm · 57 mm
Length (total): 140 mm

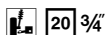
Operating tools for commercial vehicle axle nuts and wheel hubs

• Surface: burnished



HAZET No.	l_2 mm		EAN-No. 4000896+
4937-87/3	54	3	199235

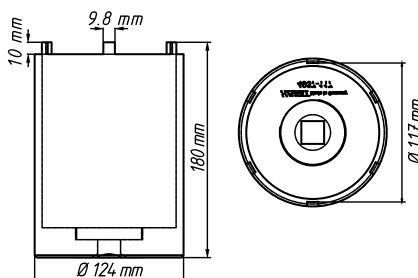
Made in Germany



• For repair and maintenance work on the rear axle **MERCEDES-BENZ**

• For **MERCEDES-BENZ** Actros · Hypoid rear axle HL 8

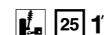
- Precise fit
- Precise pin geometry for ideal tool operation in slotted nuts
- Solid design: high (shape) stability even with very high loosening or tightening torques
- Inner $\varnothing$: 117 mm
- Length (total): 200 mm
- 6 pins, pin width: 9.8 mm
- Guide tube
Outside $\varnothing$: 60 mm
length (total): 185 mm
- Surface: burnished



HAZET No.	l_2 mm		EAN-No. 4000896+
4937-117/2	180	2	199242

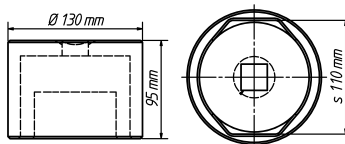
4937 Commercial vehicle hub cap socket

Made in Germany



• For flat oval BPW hub cap

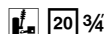
- For **BPW** Eco and Eco Plus axles
- Perfect fit for **BPW** contour $\varnothing$ 110 mm
- High fitting accuracy
- Solid design: high (shape) stability even with very high loosening or tightening torques
- Surface: burnished



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

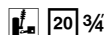
- Application: For flat oval BPW hub cap
- High fitting accuracy
- Solid design: high (shape) stability even with very high loosening or tightening torques
- Surface: burnished



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

• 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



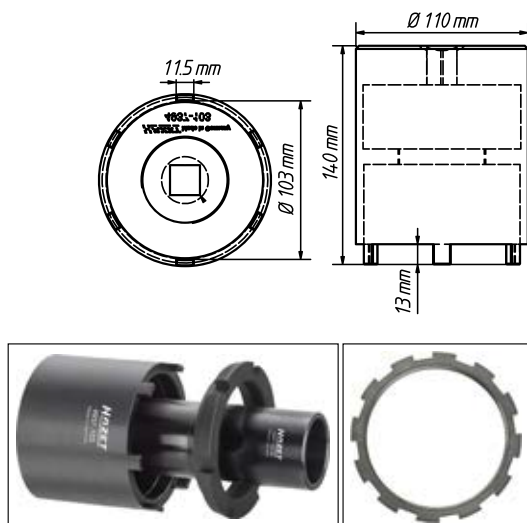
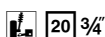


Specialty tools

Commercial vehicles – Chassis



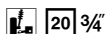
4937 Commercial vehicle pin wrench set



HAZET No.		EAN-No. 4000896+
4937-103/3	3	199259

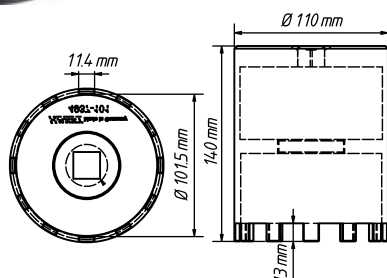
4937 Commercial vehicle pin wrench set

Made in Germany



• For dismantling / assembly work on the rear axle as well as repair and maintenance work on the wheel hub, wheel bearing or brake disc rear axle **MERCEDES-BENZ**

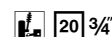
- **MERCEDES-BENZ** hub-reduction axle, such as tag axle NR 7/4
- **MERCEDES-BENZ** hub-reduction rear axle (Euro-axes) 10 t and 13 t, HL7/0 · HL7/1 · HL7/2 · HL7/3, HL7/18 · HO7/8 · HO7/9 · HL7/015, HL7/021 · HD7/2 · HD7/19DG · HD7/016DG
- **MERCEDES-BENZ** hub-reduction axle 7 t AL7/1
- Precise fit
- Precise pin geometry for ideal tool operation in slotted nuts
- Solid design: high (shape) stability even with very high loosening or tightening torques
- Inside Ø: 101.5 mm
- Length (total): 140 mm
- 12 pins, pin width: 11.4 mm
- Three replaceable guide tubes
- Outside-Ø: 50 · 51 · 53 mm
- Length (total): 85 mm
- Surface: burnished



HAZET No.		EAN-No. 4000896+
4937-101/4	4	199266

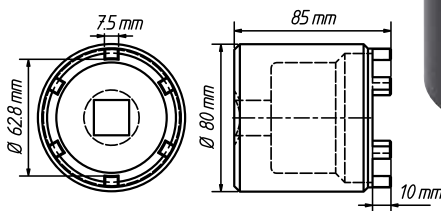
4937 Commercial vehicle pin wrench

Made in Germany



• For rear axle **MERCEDES-BENZ**

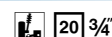
- For rear axle nuts **MERCEDES-BENZ** Actros · Atego (heavy design): LN2 · SK rear axle: 740.0/9 - 744.8 - 745.7 - 747.7 - 748.2 HD 7/19 DG 13 · HD4/16-1
- With outside guide collar
- Precise fit
- Precise pin geometry for ideal tool operation in pin nuts
- Solid design: high (shape) stability even with very high loosening or tightening torques
- Inner Ø: 62.8 / 70 mm
- 6 pins, pin width: 7.5 mm
- Surface: burnished



HAZET No.	l mm	EAN-No. 4000896+
4937-62	85	199020

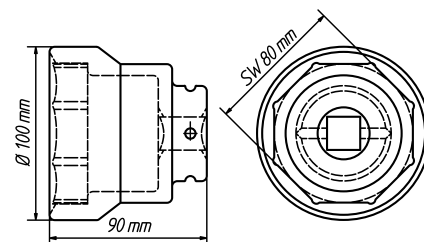
4937 Commercial vehicle axle nut socket

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
- Precise fit
- 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-S80	63	206889

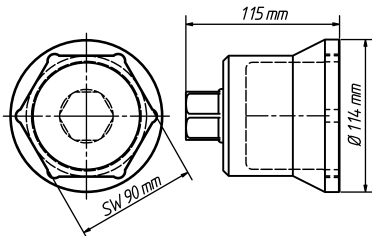
4937 Commercial vehicle axle nut socket

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

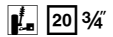


HAZET No.	l_2 mm	EAN-No. 4000896+
4937-90	115	199280

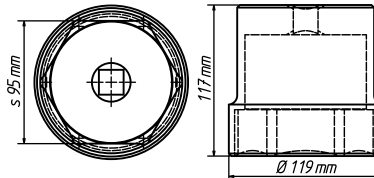
4937 Commercial vehicle oil caps / axle nut socket

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: ≤ 95 mm
- Surface: burnished

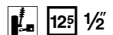


HAZET No.	l_2 mm	EAN-No. 4000896+
4937-95	117	199457

4937 Commercial vehicle centring sleeve set

Made in Germany

- Application: Fast assembly of centred commercial vehicle drop centre rim wheels for rim hole $\varnothing 26$ 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. 4000896+
4937-26/3	115	3	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 Classic · 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 sleeve once, then push up to the bearing seat with $\varnothing 105$ mm
- Thread: M100 x 1.5
- Outside $\varnothing$: 105 mm
- Drive via chequered handle surface or suitable lateral rod
- Surface: burnished



HAZET No.	$\varnothing$ mm	EAN-No. 4000896+
4937-100	105	201983



Specialty tools

Commercial vehicles – Chassis

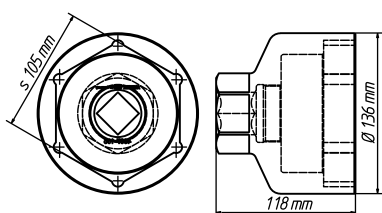


4937 Commercial vehicle axle nut socket set DAF · RENAULT · Volvo

Made in Germany

• Screw-in guide tube allows for flexible application

- Drive 25 = 1" or ● 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



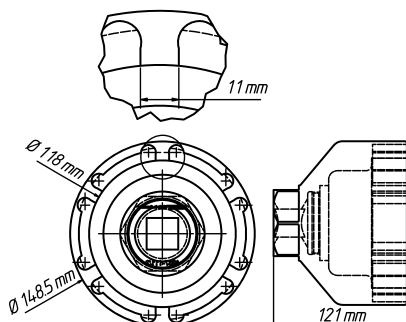
HAZET No.	l ₂ mm		EAN-No. 4000896+
4937-105/2	118	2	201938

4937 MAN commercial vehicle pin wrench set for rear axle

Made in Germany

• For MAN TGX, TGA, TGS

- For e.g. rear axle HY 1350
- Drive 25 = 1" or ● 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

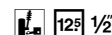


HAZET No.	l ₂ mm		EAN-No. 4000896+
4937-111/2	121	2	201945

4937 Commercial vehicle centring sleeve set

Made in Germany

• For rim hole Ø 26 mm 7/8"- 11 G e.g. SCANIA



- Application: Fast assembly of centred commercial vehicle drop centre rim wheels for rim hole Ø 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: 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 M75x1.5

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, Econic
- Only lift the approx. 40 kg bearing unit (bearing, brake disc and wheel hub) onto the mounting sleeve once, then push up to the bearing seat with Ø 78 mm
- Thread: M75x1.5
- Outside Ø: 78 mm
- Drive via lateral rod or without additional tools is possible (chequered handle surface)
- Surface: burnished



HAZET No.	Ø mm	EAN-No. 4000896+
4937-7578	78	201990

4937 MAN commercial vehicle mounting bushing, thread M75x1.5

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 approx. 40 kg bearing unit (bearing, brake disc and wheel hub) onto the mounting sleeve once, then push up to the bearing seat with Ø 82 mm
- Thread: M75x1.5
- Outside Ø: 82 mm
- Drive via lateral rod or without additional tools is possible (chequered handle surface)
- Surface: burnished



HAZET No.	Ø mm	EAN-No. 4000896+
4937-7582	82	201969



4937 Commercial vehicle mounting sleeve SAF – thread M75x1.5 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-hand and a right-hand thread M75x1.5
- 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 sleeve 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



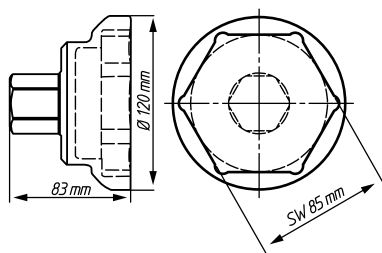
HAZET No.	$\varnothing$ mm	EAN-No. 4000896+
4937-7588	88	202003

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

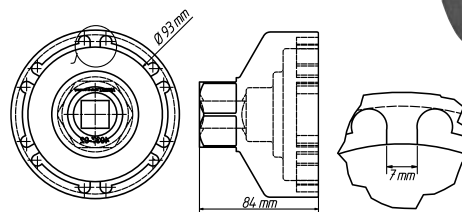


4937 Commercial vehicle pin wrench for front axle MAN

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 $\varnothing$: 100.5 mm
- Inside $\varnothing$ (pin-pin): 92.5 mm
- Outside $\varnothing$: 114 mm
- 6 inside pins with 7 mm width
- $\square$ Drive 20 = $\frac{3}{4}$ " as well as outside hexagon $\leq$ 46 mm
- Can be used with $\blacksquare$ 20 = $\frac{3}{4}$ " 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 trucks**: 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 · **WISEON** high-decker
- Surface: burnished



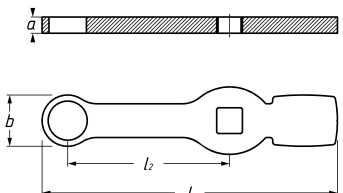
HAZET No.	l_2 mm	$\varnothing$ mm	EAN-No. 4000896+
4937-92	84	114	201952

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

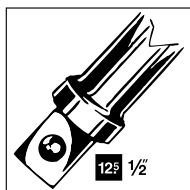
715 Four-way rim wrench

Made in Germany

• For passenger cars, vans, people carriers and agricultural machinery



- Forged central piece
- Tested up to 500 Nm
- With $\square 12.5 = \frac{1}{2}"$ for series 900 sockets
- Surface: chrome-plated, head polished
- DIN 3119, ISO 6788



HAZET No.	S mm	l mm	EAN-No. 4000896+
715-01	17 x 19 x 22 x $\square 12.5 = \frac{1}{2}"$	420	029464

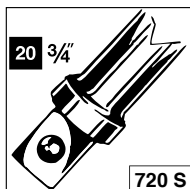
720 Four-way rim wrench

Made in Germany

• For commercial vehicles, tractors, agricultural and construction machinery



- Forged central piece
- Tested up to 2000 Nm
- American dimensions
- Surface: chrome-plated, head polished
- DIN 3119



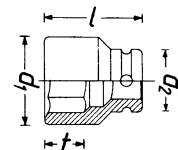
HAZET No.	S mm	l mm	EAN-No. 4000896+
720-30	24 x 27 x 30 x 32	750	029518
• With $\square 20 = \frac{3}{4}"$ for series 1000 sockets			
720 S	24 x 27 x 32 x $\square 20 = \frac{3}{4}"$	750	029532

1004 S 3/4" Impact socket · hexagon

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



¹⁾ Not according to DIN

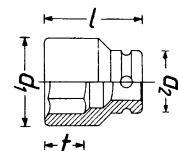
HAZET No.	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
1004 S-32	400	48	44	32	055784
1004 S-33 ¹⁾	400	48	44	32	055791

1104 S 1" Impact socket · hexagon

Made in Germany



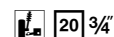
- E.g. for deeply located wheel nuts and bolts on commercial vehicles
- Extra long design
- With borehole for locking pin or safety spring and groove for O-ring
- Surface: phosphatized, oiled
- DIN 3129, ISO 2725-2



HAZET No.	l mm	d ₁ mm	d ₂ mm	f mm	EAN-No. 4000896+
1104 S-32	270	48.5	54	30.5	002665

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 Assistant



HAZET No.		
772-2/16	16	

EAN-No. 4000896+

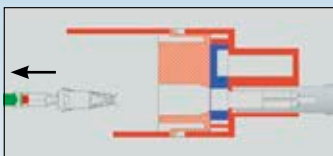
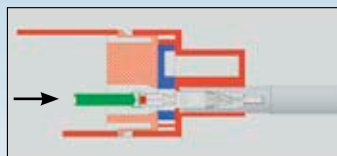
161041

Electricity / Battery service

Contacts / Plug connections / Cable release tool

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 Cable release tool assortment

Made in Germany

- Application: For damage-free releasing of plug contacts, e.g. flat and round plug contacts
- Supplementary set for trucks/commercial vehicles



HAZET
No.



EAN-No.
4000896+

4670-6/9

9

135776

4670 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
- Supplementary set for trucks/commercial vehicles



HAZET
No.

L x W x H
mm



EAN-No.
4000896+

4670-9/5

185x153x52

5

205042



Body and interior equipment

2784 SLG 1/2" Impact socket set · with special profile

Made in Germany



- Optimised special profile for damage-free attachment of the flat-head lightweight nuts
- Extra long style

• 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 →

• Surface: phosphatized



HAZET No.	l mm	Ø mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
2784 SLG-1	75	39	38.8	30	16	218240

2784 S 1/2" Impact socket set · with special profile

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 →

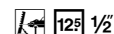
• Surface: phosphatized



HAZET No.	l mm	Ø mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
2784 S-1	45	39	38.8	30	16	213252

2784 SR 1/2" Box-end wrench – striking face pattern · special profile · with 2 striking faces

Made in Germany

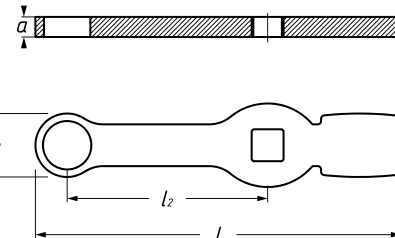


- Optimised special profile for damage-free attachment of the flat-head lightweight nuts

• 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

