

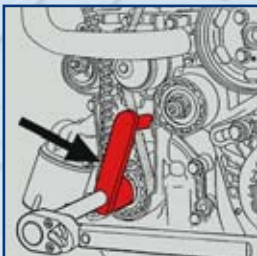
HAZET – Specialty Tools

for famous car manufacturers:

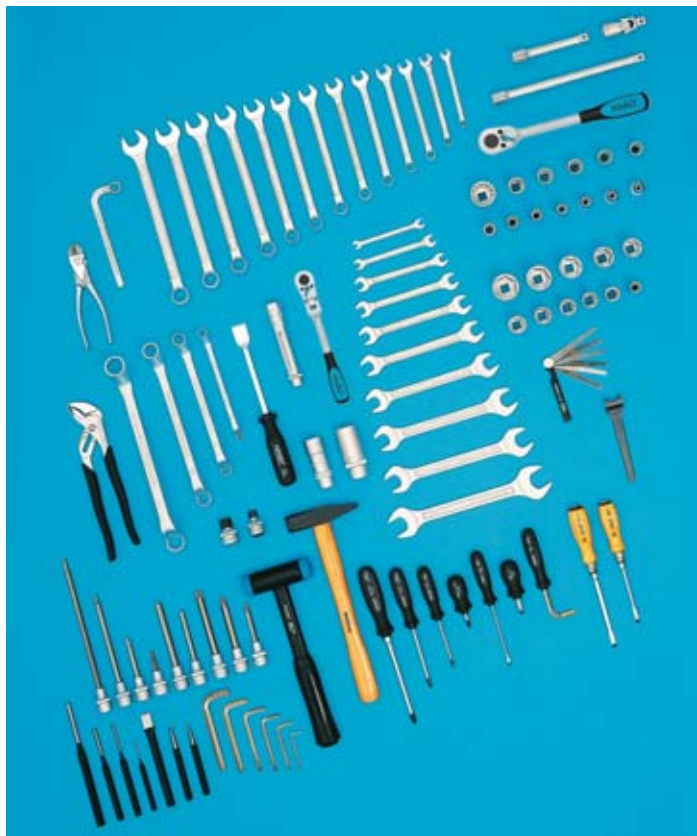


Specialty Tools for:

- ✓ Engine Timing / Engine Electricity
- ✓ Gearbox and Shafts
- ✓ Chassis and Brakes
- ✓ Body and Fender
- ✓ Fuel Supply
- ✓ Oil Service and many more ...



Tool Assortment for VW



VOLKSWAGEN-Group (AUDI, SEAT, SKODA)

Classification to vehicles: pages 250 – 261

Assortment of 100 pieces for VOLKSWAGEN-Group

Contents:

450N-6 x 7 8 x 9 10 x 11 12 x 13 14 x 15
16 x 17 18 x 19 20 x 22 21 x 23 24 x 27
600N-8 10 11 12 13 14 15 16 17 18
19 20 21
630-8 x 10 13 x 15 17 x 19 22 x 24
731-5 745-1 746-1
748 a-2 748 b-4 6 748 c-8
760N-2
801 K-80 801 K-PH 2
803-40 803-PH 1 PH 2 PH 3
815-1 2 824
8816 GK
900-12 17 18 19 20 21 22 24 27 30 32
900Z-8 9 10 11 12 13 14
15 16 17 18 19 30
916SP 917-5 918-10 920
985-12 17 986 Lg-5 7 10
986 SLg-8 990 Lg-8
990 SLg-10 12
1802 M-22 1953-35
2100-025 04 05 06 08 10
2140-5 2147 2505-2 2584
2584-1 2587 2593-1
4555 N 4555-3 4561

HAZET
No.

EAN-No.
4000896+

0-2500/100

000296

Plastic Drawer Insert

HAZET
No.

EAN-No.
4000896+

HAZET plastic drawer insert, empty, 10 pieces
suitable for assortment 0-2500/100

For tool trolleys *Assistent*

Contents:

161-24 PL 27 PL 28 PL
32 PL 49 PL
2500-1 PL 2 PL 3 PL 4 PL 5 PL

2500 PL/10

079803

Tool Assortment for VW



Assortment of 109 pieces for VOLKSWAGEN-Group in HAZET plastic drawer inserts

Contents:

450N-6 x 7 8 x 9 10 x 11 12 x 13 14 x 15
16 x 18 17 x 19 20 x 22 24 x 27 30 x 32
600N-6 7 8 9 10 11 12 13 14
15 16 17 18 19 21 22 24
630-6 x 7 8 x 9 10 x 11 12 x 13 14 x 15 16 x 17
18 x 19 20 x 22 21 x 23 24 x 26 25 x 28 27 x 32
731-5 745-1 746-1
748 a-2 748 b-2 6 748 c-8
760N-2
802-30 40 55 65 80
802-PH 1 PH 2 PH 3
801 K-55 801 K-PH 2
824
8816 F
900-10 11 12 13 14 15 16 17
18 19 20 21 22 24 27 30 32
900Z-8 9 19 30
916SP 917-5 918-10
920 919-1 5
985-12 17 986 Lg-10 986 SLg-8
990 SLg-10 12
1802-22 1841 A-22
1953-35
2105 Lg-015 02 025 03 04 05 06 08 10
2140-5
2505-2 2587
4555 N 4561

HAZET
No.

EAN-No.
4000896+

0-2500/109

100705

Spark Plug Wrench



- For 20.8 / 13/16" spark plugs
- With rubber ply
- Adjustable in length from 137.5 mm to 157.5 and 197.5 mm
- □ drive 10 = 3/8"
- Special steel
- Surface chrome-plated

HAZET
No.

mm

20,8

13/16

l

137,5

EAN-No.
4000896+

016266

2505-2

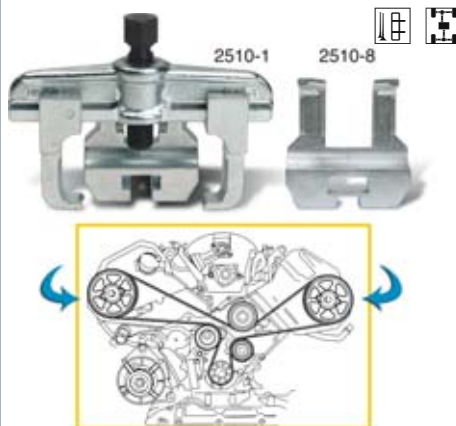
Spark Plug Wrench



- For 16 mm (5/8") spark plugs
- □ drive 10 = 3/8"
- With rubber ply
- Application:
VW 16 valve engines,
MAZDA 626, 2.0 l, 16 valves with DOHC engine
since 1987, MAZDA 323, 1.6 l and 1.9 l
since 1989, MX 5, 1.6 l since 1990
- Special steel
- Surface mat chrome-plated

HAZET No.	mm	l	EAN-No. 4000896+
2506	16 (5/8)	270	016297

Camshaft Sprocket Extractor



- For the extraction of camshaft sprockets
- Application:
5 and 6-spoke camshaft sprockets on
4 or 6-cyl. engines TDi, engines V6 and V8,
AUDI A 4, A 6, A 8

HAZET No.	EAN-No. 4000896+
2510-1	071913

Extractor hook
for Extractor 2510-1
For 5-spoke camshaft sprockets
on VW/AUDI V8 petrol engines

2510-8	082063
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Forcing Screw



- For separating by force the outer homocinetic joint of the axle drive shaft on VW-AUDI, SEAT or SKODA, e.g. when replacing axle collars
- Quick and problem-free working even on pasted homocinetic joints
- The outside hexagon ≤ 21 mm as well as the inside square $12.5 = \frac{1}{2}$ " allow flexible application of different operating tools

HAZET No.	l mm	M	EAN-No. 4000896+
2515-1	108	M 14 x 1,5	087549
2515-2	120	M 16 x 1,5	087556
Set of 2 pieces: 2515-1 2			
2515/2			097647

Extractor Hook



- For removing the front grille of the VW vans (Transporter) since 1991
- With T-handle

HAZET No.	EAN-No. 4000896+
2520-1	075218

Airbag Dismounting Tool



- For removing the airbag at the steering wheel, to be used in pairs
- Protected by design patent

HAZET No.	EAN-No. 4000896+
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for VW Golf 4, New Beetle, SEAT, SKODA Fabia, Octavia since 1999, Transporter T4

2525-1	067732
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Set of 2 pieces: 2 x 2525-1

2525-1/2	081257
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For VW Passat B 5, Polo, Lupo, AUDI A4 and A6, SKODA Superb

2525-2	067367
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Set of 2 pieces: 2 x 2525-2

2525-2/2	081264
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Screwdriver Socket



- Ball Head Screwdriver Socket
- For inside hexagon screws
- Blades made of special steel

HAZET No.	l ₁ mm	l ₂ mm	d mm	s mm	EAN-No. 4000896+
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- For the oil pan of 5 cyl. diesel engines on Transporter T4, AUDI TT since 1999
- □ drive 10 = 3/8"

2527-5	200	227	19	5	016303
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- For knock sensor on V6 engine AUDI 100 since 12/1990 AUDI 80 since 7/1992
- □ drive 12.5 = 1/2"

2527-8	200	238	23	8	016310
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Oil Pan Hinge Joint Socket



- For the oil pan
- □ drive 10 = 3/8"
- With ball joint and T-handle
- Chrome-Vanadium
- Surface chrome-plated

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

Flex-Head Socket Wrench



- For generator holder, cooling pump, fuel pump
- T-handle
- With ball joint
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	mm	l mm	EAN-No. 4000896+
2528-13	13	201	016334

Glow Plug Socket



- For 10 mm glow plugs
- □ drive 10 = 3/8"
- With universal joint
- With ball clamping
- Application:
VW-AUDI diesel direct injection engines TDi and MERCEDES-BENZ CDI, SMART
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	mm	l mm	EAN-No. 4000896+
2530	10	140	016341

Brass Mandrel



For driving in and out bushings, bearings, bolts, etc.

HAZET No.	mm	l mm	EAN-No. 4000896+
2534	20	200	016365

Timing Belt Pulley Tool



- Retainer with exchangeable pins
- For installing and removing the timing belt pulley on camshaft, crankshaft and fuel injection pump on VW Lupo, Polo, New Beetle, Golf, Caddy, Bora, Touran, Sharan, Transporter AUDI A2, A3, A4, A6, TT SKODA Fabia, Octavia, Superb
- Special steel
- Surface chrome-plated
- Handle with dip-coating, black

HAZET No.	l mm	EAN-No. 4000896+
2540-1	695	110407

Screwdriver with Internal Serration



- For screws with internal serration (XZN)
- Screws at the door lock
- Application: AUDI TT, VW Golf 4, Passat B5, Lupo, New Beetle, Bora

HAZET No.	M	l ₁ mm	l ₂ mm	EAN-No. 4000896+
2565-4	4	125	215	072484

Oil Service Wrench



- For 17 mm oil filler and oil drain plugs at VW-AUDI gearboxes
- For 19 mm drain plug at the VW-AUDI oil pan
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	S mm	l mm	EAN-No. 4000896+
2567-1	17 x 19	251	016402

Oil Service Socket



Oil Service Socket

- For screws with internal serration (XZN) with hole for guiding pin
- For oil drain plug on gearbox AUDI A2, A3, A4, A6, TT VW Passat B5, Golf 4, LT, T4, T5 SKODA Fabia, Octavia, Superb PORSCHE Boxster with shift gear FORD Galaxy 1.9 TDi with 6-speed gear box
- □ drive 12.5 = 1/2"
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	M	l mm	EAN-No. 4000896+
2567-16	16	60	016419

Depressor



- Valve Adjusting Tool
- For preloading bucket tappets, on 4-cyl. engines since 1983 5- and 6-cyl. engines (in conjunction with Valve Shim Pliers HAZET 2599)
- Working surface hardened
- Chrome-Vanadium
- Surface phosphatized

HAZET No.	l mm	EAN-No. 4000896+
2574-1	260	016488

Valve Seal Pusher



For pressing on valve stem seals on VW-AUDI engines

HAZET No.	l mm	EAN-No. 4000896+
2577	134	016914

Valve Spring Tensioner



- For pressing down valve springs, e.g. when changing the valve stem seals on VW-AUDI bucket tappet engines 1.3–1.8 l with stud bolts M 8
- Replaceable plastic thrust piece
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	l mm	EAN-No. 4000896+
2577-2	405	016945

Stud Bolt Retainer

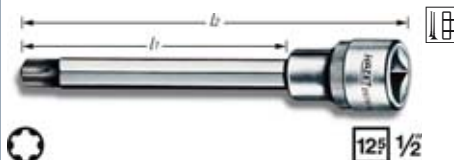


Stud Bolt Retainer

In conjunction with Valve Spring Tensioner 2577-2 for stud bolts M 7 and/or M 8

HAZET No.	l mm	EAN-No. 4000896+
For stud bolts M 7		
2577-207/2	60	016976
For stud bolts M 8		
2577-208/2	60	016990

Cylinder Head Screwdriver Socket



- For the operation of Polydrive-cylinder head bolts on VW engines (VW, AUDI, SEAT, SKODA)
- □ drive 12.5 = 1/2"

HAZET No.	l ₁ mm	l ₂ mm	EAN-No. 4000896+
2579-9	130	168	086931

TORX® Cylinder Head Socket



- For the operation of outside TORX® screws of the cylinder head on AUDI V6-engines
- □ drive 12.5 = 1/2"
- Long style
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	l mm	d ₁ mm	d ₂ mm	EAN-No. 4000896+
2580-E 14	12,90	190	16.5 23	017003

Brake Adjusting Lever



- For adjusting the drum brake shoes with excenter
- For adjusting hand brakes with excenter
- Chrome-Vanadium
- Surface chrome-plated

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

Brake Pressure Regulator and Wheel Bearing Socket



- 6-Point Socket
- For adjusting the torsion bars – installation of brake pressure regulators – removing of wheel bearings on VW transporter T4
- □ drive 12.5 = 1/2"
- Chrome-Vanadium
- Surface mat chrome-plated

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

Screwdriver Socket



- For inside hexagon screws
- □ drive 12.5 = 1/2"
- Blades made of special steel

HAZET No.	l ₁ mm	l ₂ mm	d mm	s mm	EAN-No. 4000896+
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Screwed connections on joint flanges
VW Passat, AUDI 80

2584 32 70 23 6 017041

For intake pipe on AUDI 200 5 cyl. turbo

2584-1 210 248 23 6 017058

Cardan Shaft Screwdriver Socket



- For the operation of the inside hexagon screws at the cardan shaft flange on AUDI A4 Quattro from 1.8 l turbo and A6 Quattro from 2.4 l Turbo until 2004
- □ drive 10 = 3/8"

HAZET No.	EAN-No. 4000896+
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2584-4 115808

Taper Key Set



- For the **steel clamps** at the ball flange on VW exhaust systems

HAZET No.	EAN-No. 4000896+
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Set of 3 pieces
1 x 2586 N-1
2 x 2586 N-2

2586 N/3 017133

Timing Belt Double-Pin Wrench



Timing Belt Double-Pin Wrench

- For adjusting the **timing belt** at the tensioner roller
- On 1.6 l VW diesel engine VW Transporter T3 (until 1991), Golf, Jetta, Passat, AUDI 80
- Offset design
- Distance of pins 18 mm, pin Ø 2.9 mm
- Special steel

HAZET No.	l mm	EAN-No. 4000896+
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2587 140 017140



- For adjusting the **timing belt** at the tensioner roller
- VW Polo since 1995 (4 cyl.), Polo since 2002 (3 cyl. diesel, 4 cyl. pump-nozzle injection technology), Lupo since 1999 (3 cyl. diesel), Passat TDi since 1998
- AUDI A4 since 1995 (4 cyl.), AUDI 100 since 1991 (5 cyl.)
- Distance of pins 18 mm, pin Ø 3 mm
- Special steel
- Surface mat chrome-plated

HAZET No.	l mm	EAN-No. 4000896+
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2587-1 250 053476



- For adjusting the timing belt at the tensioner roller
- VW Golf 3, 4, Beetle 2.0 petrol engine since 2003, transporter T5 4 cyl. diesel since 2004, AUDI A 3, SKODA Octavia
- Distance of pins 18 mm, pin-Ø 3 mm
- 15° offset
- Special steel
- Surface mat chrome-plated

HAZET No.	EAN-No. 4000896+
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2587-2 072439

Timing Belt Wrench



- For adjusting the timing belt at the tensioner roller
- Especially for VW Polo diesel, Transporter T 4 2.5 TDi since 1991 (5 cyl.), AUDI 100 since 1991, AUDI A 6 with 2.5 l TDi engine
- s 32 mm
- Special steel
- Surface mat chrome-plated
- Plastic coated handles

HAZET No.	l mm	EAN-No. 4000896+
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2587-32 177 053285

Engine Timing Tool



For the professional engine repair

- For timing belt changing and other engine repairs
- Detailed operating instructions including cross references to original part/tool numbers
- Clear arrangement of tools in high-quality plastic case with soft foam insert

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 (1997 up to 2006)
SKODA Fabia, Octavia (since 1996)
VW Lupo, Polo, Caddy, Golf, Bora, New Beetle, Passat, Sharan, Touran

Diesel engines:

engines with pump-nozzle injection technology
1.2 1.4 1.9 2.0 TDi
AUDI 80, A2, A3, A4, A6, Cabriolet (1995 up to 2000)
SEAT Ibiza, Córdoba, León, Toledo, Inca, Arosa, Alhambra, Altea
SKODA Felicia, Octavia (1993 up to 2005), Fabia
VW Lupo, Polo, Caddy, Golf, Bora, New Beetle, Passat, Sharan, Touran, Transporter, 1.7 1.9 D / TD / SDi / TDi

Set of 19 pieces

Contents:

2587 2587-1 2
2588-1 2 3 (2x) 4 5 6 7 8
9 10 11 12 (2x)

HAZET No.	EAN-No. 4000896+
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2588/19 127771



Spare Parts see next page ►

Engine Timing Tool



HAZET
No. EAN-No.
4000896+

Engine Timing Tools

For professional car repair on VW
19 pieces, contents see 2588/19
In 2-component soft foam insert (2/3),
suitable for all HAZET tool trolleys
with drawers

163-89/19 145539

Camshaft Setting Plate

2588-5 137107

Camshaft Setting Plate

2588-6 137114

Locking Pin

2588-7 136896

Locking Pin

2588-8 137121

Setting Tool

2588-9 137565

Locking Pin

2588-10 136902

Retainer

2588-11 137572

Support Guides

2588-12 137589

Support Guides

2588-13 137596

Engine Timing Tool

9-pcs. Expansion Set
for Assortment 2588/19
in soft foam insert
(may be stored in tool case 2588/19)

Petrol engines:

1.2 6V and 12V 3-cyl. engines,
VW Polo and Fox, **SKODA** Fabia,
SEAT Ibiza / Córdoba

1.4 - 1.6 FSI engines:

AUDI A3, **SKODA** Octavia,
VW Polo, Golf, Touran, Caddy

Diesel engines:

4-cyl. engines with pump-nozzle injection technology
since 2005 **VW** and **VW** Group vehicles

Contents:

2588-14 15 (2x) 16 17 18 19 110

3688-10

HAZET
No. EAN-No.
4000896+

2588/9 144181

Fixing bolt

2588-14 144198

2588-15 144204

2588-16 144211

Tension pulley screws

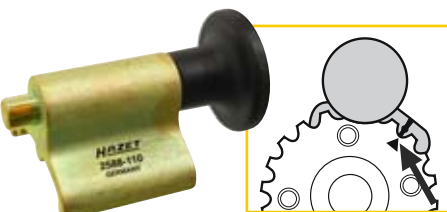
2588-17 144228

Fixing tool for tension pulley

2588-18 144334

Fixing tool

2588-19 144341



Crankshaft Fixing Device
For fixing the **oval** crankshaft timing
belt pulley e.g. during timing belt
replacement or engine repair

2588-110 143283

TDC Position Tool

3688-10 137527

Tool Set for Timing Belt Replacement



- For timing belt replacement,
e.g. on VW engines with **pump-nozzle injection technology** since 1999:
AUDI A2, A3, A6, **VW** Passat, Golf, Bora, Beetle,
Sharan, Lupo and Touran, **SEAT** Alhambra, Arosa,
SKODA Octavia, Fabia, Superb, **FORD** Galaxy
- The use of this tool set ensures that the engine
timing is retained when changing timing belt or
when carrying out engine maintenance work

Tool Set for Timing Belt Replacement

HAZET
No. EAN-No.
4000896+

Set of 3 pieces:

2588-1 2 3

2588/3 087761

Crankshaft Fixing Device

for locking the crankshaft

2588-1 087730

Locking Plate

for locking the tensioner roller

2588-2 087747

Locking Pin

for locking the camshaft sprocket

2588-3 087754

Camshaft Locking Tool



- For locking the camshaft sprockets
when changing the timing belt
- Engine repairs on 4 valve 4 cyl. injection engines
VW Lupo since 1999, Polo since 1995,
Caddy since 1996
Polo Classic, Variant since 1996,
New Beetle 1.4 since 1999
Golf 1.4 I, 1.6 I since 1998,
Bora 1.4 I, 1.6 I since 1999
SKODA Fabia and Octavia
AUDI A2
- Special steel

HAZET
No. EAN-No.
4000896+

2588-4 110391

Driving Tool for Tensioning Device



- For **operating the tensioning device**
when changing the V-ribbed belt
on **VW** Polo, Golf and Passat, **AUDI** since 1991
- Special steel
- Surface chrome-plated

HAZET
No. EAN-No.
4000896+

2590-1 053711

At work

For transport



V-Belt Pulley Socket (6-Point)



- For installing and removing the **V-belt pulley** at the generator on VW transporter T4 since 1991, Golf 3/Vento since 1992, Passat since 1988, Corrado since 1989, AUDI 80 since 1992, AUDI 100 since 1991
- 24 mm outside hexagon drive
- With 12 mm bore hole
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	S mm	l mm	EAN-No. 4000896+
2590-24	24	44	017157

Exhaust Manifold Socket (12-Point)



- 12-Point Socket
- For the turbo charger screwed connection at the exhaust manifold on Passat Diesel 1.6 I since 1988
- ≤ 12 mm
- With hinge joint
- drive 12.5 = 1/2"
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	l mm	EAN-No. 4000896+
2590 GZ-12	65	017164

V-Ribbed Belt Adapter



Adapter with internal serration XZN for installing or removing the **V-ribbed belt** at the **generator**, e.g. VALEO, BOSCH etc. especially on VW Golf 3, Vento, Passat diesel 1.6 I, AUDI A 3 and SKODA Octavia

HAZET No.	S mm	Ø mm	l mm	EAN-No. 4000896+
2592	19,6	17	30	057443

Hex Head Wrench for Strut Units



Hex Head Wrench for Strut Units

- As retainer for installing and removing the **front strut units**
- Chrome-Vanadium
- Surface bright nickel-plated
- Plastic handle

HAZET No.	S mm	l mm	EAN-No. 4000896+
2593-1	7	150	017188

Shock Absorber Crown Wrench



- For the operation of **shock absorber screw connections** on VW and AUDI vehicles
- drive 22 mm, b = width of pins
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	B mm	Ø mm	EAN-No. 4000896+
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For rear axle: Golf 1, Convertible, Scirocco, Caddy

2593-2 3,5 10,5 017201

For front axle Polo, model year 1982

2593-3 3,5 12,5 017249

For front axle: Golf 2, 3, Jetta, Vento, Passat, AUDI 80

2593-4 5,0 15,5 017263

Set, 3 pieces: 2593-2 -3 -4

2593/3 - - 017300

Shock Absorber Socket (6-Point)



- For installing and removing the **front strut units** on VW Polo since 1981, Derby since 1983, Polo Coupé

- In conjunction with HAZET 2593-1
- drive 12.5 = 1/2"
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	S mm	l mm	EAN-No. 4000896+
2593-19	19	85	017195

Shock Absorber Socket (12-Point)



- For installing and removing the **front strut units** on VW Golf 2 and Jetta since 1987, Golf 3 and Vento since 1993, Passat since 1988

- In conjunction with HAZET 2593-1
- drive 12.5 = 1/2"
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	S mm	l mm	EAN-No. 4000896+
2593-21	21	82	017218

Shock Absorber Socket (6-Point)



- For installing and removing the front strut unit on VW Golf until 1988, Jetta until 1987, Scirocco, Caddy, Passat, Santana, AUDI 80, Golf 3 and Vento since 1993, Passat since 1988, Corrado, AUDI 100 and 200, AUDI Coupé, AUDI Quattro

- In conjunction with HAZET 2593-1
- drive 12.5 = 1/2"
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	S mm	l mm	EAN-No. 4000896+
2593-22	22	85	017225

Shock Absorber Counterholder



- For installing and removing the rear **strut units** and front **shock absorbers**
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	Ø mm	l mm	EAN-No. 4000896+
2594	5,1 x 8,1	6,1 x 8,1	198 017324

Bent Bit Holder for Door Hinges



- For installing and removing the doors on VW Golf 3 and Vento model years 1991-1997 (screwed connection door hinges), and for door alignment
- With plug and socket connection 9 x 12 mm
- With TORX® Bit T 45 (HAZET 2597-01)
- Chrome-Vanadium
- Surface chrome-plated

Removing
in conjunction with Tool Holder HAZET 6396

Installing with Torque Wrench HAZET 6290-1 CT

– Please follow VW torque regulations – see also HAZET 2251-1/2

HAZET No.	Ø mm	l mm	EAN-No. 4000896+
2597	7,82	95	017379

Door Hinges and Door Aligning Screwdriver Bits



HAZET No.	mm	l mm	EAN-No. 4000896+
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Screwdriver Bit TORX® T 45 for 2597
For installing and removing the doors on VW Golf and Vento since 1993

2597-01	7,82	18	017386
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HAZET No.	M	l mm	EAN-No. 4000896+
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- For door aligning as well as for installing and removing the doors on VW Golf 4 and Passat B 5, SEAT León model years 1997-2004 in conjunction with Bent Bit Holder HAZET 2597
- For screws with internal serration (XZN) M 10
- DIN 65254

2597-02	10	21	066667
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HAZET No.	M	l mm	EAN-No. 4000896+
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- For door aligning as well as for installing and removing the doors on VW Golf 5 and Passat since 2005 in conjunction with Bent Bit Holder HAZET 2597
- For screws with internal serration (XZN) M 8
- DIN 65254

2597-03	8	21	118830
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TORX® Door Hinge Screwdriver Bit



- For installing and removing the driver's and co-driver's door on VW Golf 3, Vento since 1993
- T 45 with special length
- 6.3 = 1/4"

In conjunction with Reversible Ratchet HAZET 2264 or Insert Reversible Ratchet HAZET 6408 and Torque Wrench HAZET 6290-1 CT – Consider VW torque regulations –

HAZET No.	mm	l mm	EAN-No. 4000896+
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2597-T 45	7,82	25	017393
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Valve Shim Pliers

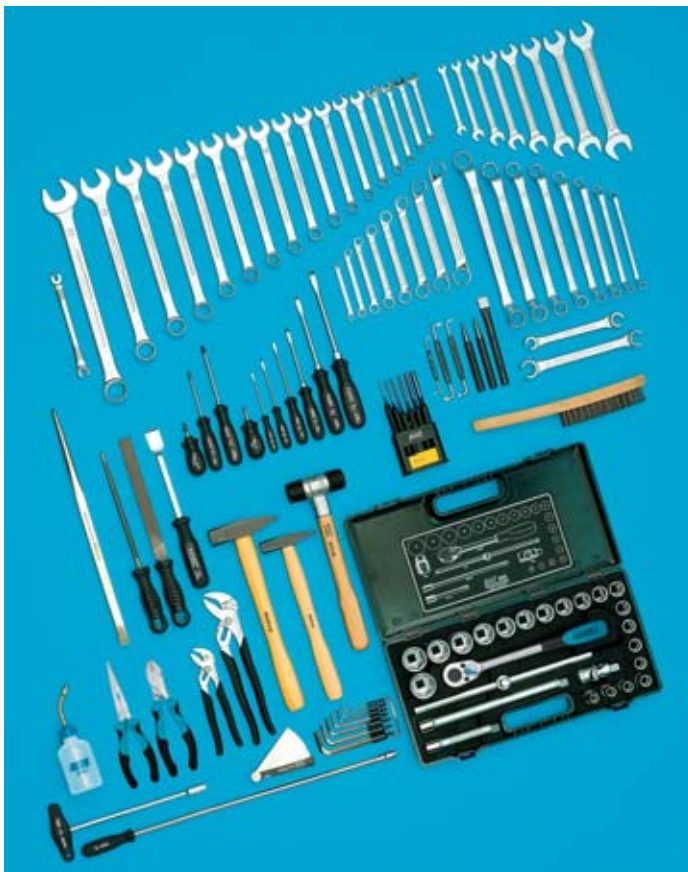


- For valve shim replacement
- Application on VW 1.3 l bucket tappet engines
- Tips hardened and tempered

HAZET No.	l mm	EAN-No. 4000896+
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2599	265	017409
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Tool Assortment for MERCEDES-BENZ



MERCEDES-BENZ

Classification to vehicles: pages 250 – 261

Assortment of 117 pieces for MERCEDES-BENZ passenger cars

Contents:

428-10
450 N-6 x 7 8 x 9 10 x 11
12 x 13 14 x 15 16 x 17
18 x 19 21 x 22
600 N-7 8 9 10 11 12
13 14 15 16 17 18
19 21 22 24 27
610 N-6 x 7 8 x 9 10 x 11
12 x 13 14 x 15 16 x 17
18 x 19 21 x 22
612 N-10 x 11
612-12 x 14 16 x 18 17 x 19
630-6 x 7 8 x 9 10 x 11
12 x 13 14 x 15 16 x 17
18 x 19 20 x 22 21 x 23
731-5 745 a-2 746-2
748 b-2 3 4 5 6 8
760 N-1 2
801 K-55
801 K-PH2
803-25 30 35 40 65 80
803-PH 1 PH 2
818-1 2
819-PH 1 + PH 2
824
900-10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 26 27 28 30 32 34
915 916 SP 917-5
918-10 920
1802-22 1841 a-33
1952-35 1976
2100-03 04 05 06 08 10
2120-8
2122-8 2130
2140-2 5
2147 2161
2165-2

HAZET No.	EAN-No. 4000896+
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0-2700/117

000340

Mounting Lever for V-Ribbed Belt



- For the operation of the **tensioner roller** and for installing the **V-ribbed belt** on MERCEDES-BENZ type 168, 169 (A-Class), 245 (B-Class)
- Surface chrome-plated, bolt burnished

HAZET No.	l mm	S mm	EAN-No. 4000896+
2714-1	600	15	076789

Side Mirror Mounting Tool



- For installing and removing the side mirror on MERCEDES-BENZ type 211 (E-class) as well as type 203 (C-class) since 2005
- With T-handle
- For inside 5-star screws with centre pin

HAZET No.	l ₁ mm	l ₂ mm	EAN-No. 4000896+
2715-20 H	200	225	118717

Socket for the Reverse Gear Switch



- Socket for the operation of switches, e.g. the reverse gear switch at the gear or the axles e.g. on MERCEDES BENZ commercial vehicles of the SK series, Actros, MAN commercial vehicles

Socket for the Reverse Gear Switch

- 27 mm **8-point special profile**
- Especially relieved
- □ drive 12.5 = 1/2"
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	l mm	EAN-No. 4000896+
2716-1	60	086405

Socket for Spring Shackle Screws



- Impact Socket (12-Point)
- For the operation of the spring shackle screws on commercial vehicles MERCEDES-BENZ, Actros series with pneumatic shock absorbers
- **Suitable for impact wrenches**
- Especially adapted for areas with restricted access – allows quick and safe working as well as the application of high forces
- 12-point
- Chrome-Vanadium special steel

HAZET No.	l mm	S mm	EAN-No. 4000896+
2717-27	112	27	086627

Engine Timing Tools for the professional engine repair

Assortments for:

✓ VW / AUDI / SEAT

✓ OPEL /
VAUXHALL

✓ FORD

✓ FIAT

✓ PSA:
CITROËN /
PEUGEOT

✓ RENAULT

✓ UNIVERSAL SET



Camshaft Sprocket Tool



- **TORX®** Insert Tool
- Especially for tightening the fixing screw of the left camshaft sprocket on MERCEDES-BENZ engines M 112 (6-cyl.), C-, E- and S-classes – consider torque regulations of car manufacturer –
- With square connection 14 x 18
- For outside TORX® screws in conjunction with torque wrench, e.g. HAZET 6291-1 CT
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	mm	EAN-No. 4000896+
2718-E 18	16,70	057320

Front Axle Insert Tool



With bore hole

- For the operation of the front axle screws on MERCEDES-BENZ E-class, type 211 since 2002
- With square connection 14 x 18
- 20° offset
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	l mm	S mm	EAN-No. 4000896+
2720-21	65	21	100651

Rear Axle Insert Tool



With bore hole

- For the operation of the rear axle screws on MERCEDES-BENZ E-class, type 211 since 2002
- With square connection 14 x 18
- 20° offset
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	l mm	mm	EAN-No. 4000896+
2720-E 18	59,1	16,70	100569

Strut Unit Counterholder



- Very helpful for installation and removing, measuring and adjusting applications
- For counterholding when operating the bottom strut unit screws on MERCEDES-BENZ type 169 (A-Class) since 2004

HAZET No.	S mm	l mm	b mm	EAN-No. 4000896+
2721-1	21	90	30	129225

Shock Absorber Releasing Tool



- For the **operation of the upper fastening bolt at the front shock absorber**, especially for MERCEDES-BENZ, type 639 Viano/Vito (V-Class)
- The releasing tool ensures the appropriate operation of this bolt according to the prescribed torque (follow vehicle manufacturer's instructions)
- Outside hexagon drive $s \leq 18$ mm
- Output $s \leq 21$ mm for the operation of the union nut ($l = 227$ mm)
- Counterholder with square drive $10 \text{ mm} = \frac{3}{8}"$
- 7 mm screwdriver socket for the operation of the piston rod ($l = 280$ mm)
- Chrome-Vanadium

HAZET No.	EAN-No. 4000896+
2722-1	131730

Shock Absorber Crown Wrench



- For the operation of the rear shock absorber screws on MERCEDES-BENZ, type 211 T-model (E-Class station wagon)
- The recess in the front part of the pin wrench provides access to the piston rod and allows the direct application of an operating tool

Shock Absorber Crown Wrench

- Plastic coated blade prevents damage
- Operation with 3 front pins $\varnothing 8$ mm
- Plastic handle, black
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	EAN-No. 4000896+
2723-1	129218

Hand Brake Tool



- For installing and removing fixing springs of the hand brake shoes on passenger cars with disc brakes
- With T-handle
- With guide groove

HAZET No.	l mm	EAN-No. 4000896+
2730	142	017423

Oil Pump Screwing Tool



- For the screws at the oil pump on MERCEDES-BENZ vehicles
Type 129 S-Class SL 280, SL 320
type 163 M-Class ML 320
type 208 CLK, CLK 320
type 210 E-Class E 240, E 280, E 320
- For inside TORX® screws T 50
- \square drive $10 = \frac{3}{8}"$

HAZET No.	 mm	l_1 mm	l_2 mm	d mm	EAN-No. 4000896+
2739 G-T 50	8.83	38	53	16.8	072156

Water Pump Screwdriver Socket



- Screwdriver Socket with universal joint for inside hexagon screws on:
water pump – engines M 103, M 104
water hose connection – engines M 103, M 120
intake pipe – diesel engines M 601, M 603, M 604
- \square drive $10 = \frac{3}{8}"$

HAZET No.	S mm	l mm	EAN-No. 4000896+
2740	6	250	050093

Injection Pump Wrench



- 12-Point Socket with universal joint
- For screwed connections at the fuel injection pump on type 615, 616
- With universal joint
- \square drive $10 = \frac{3}{8}"$

HAZET No.	S mm	l mm	EAN-No. 4000896+
2742-13	13	240	017447

Screwdriver Socket for Engine Screws



- Screwdriver Socket for inside hexagon screws
- \square drive $10 = \frac{3}{8}"$
- For various engine screws
- Blades made of special steel

HAZET No.	EAN-No. 4000896+
2747	017461
2748	017478

Screwdriver Socket



- For screws on **cylinder head** and **cardan shafts** (screws with internal serration XZN)
- \square drive $12.5 = \frac{1}{2}"$

HAZET No.	M	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
2751	10	100	140	23	017508



- For screws with internal serration XZN on M 104 6-cyl., M 119 8-cyl., M 120 12-cyl.
- Blade made of special steel
- \square drive $12.5 = \frac{1}{2}"$

HAZET No.	M	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
2752	12	17	45	23	017522

Screwdriver Socket for Balance Wheel



- For screws with internal serration (XZN), e.g. **balance wheel** and **vibration shock** on engines of commercial vehicles, 500 series since 12/1995, 900 since 06/1996
- \square drive $20 = \frac{3}{4}"$ with locking pin

HAZET No.	M	EAN-No. 4000896+
2753	14	049929

Starter Screwdriver Socket



- Screwdriver Socket with universal joint for inside hexagon screws, e.g. for installing and removing the starter
- With universal joint
- \square drive $12.5 = \frac{1}{2}"$

HAZET No.	S mm	l mm	EAN-No. 4000896+
2755	10	138	017539

Flare Nut Wrench for Oil Pressure Line



- For oil pressure tube on clutch operating cylinder of all standard gearboxes
- □ drive 10 = 3/8"

HAZET No.	S mm	l mm	EAN-No. 4000896+
2757-12	12	48	017591

Injection Line Wrench



- Flare Nut Wrench
- 12-point socket
- For the **screws at the injection lines** on MERCEDES-BENZ Sprinter
- □ 10 = 3/8"
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	l mm	t mm	EAN-No. 4000896+
2757-14	85	10	100637

Cylinder Head Wrench



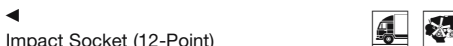
- For cylinder head bolts on M 401, 404, 407-409, 421-424, 427, 428, 444, 447
- □ drive 12.5 = 1/2"

HAZET No.	S mm	l mm	EAN-No. 4000896+
2758-17	17	165	017614

Cylinder Head / Flywheel Socket



Cylinder Head / Flywheel Socket



- Impact Socket (12-Point)
- Reinforced design for working on **commercial vehicles**
- Suitable for impact wrenches
- Chrome-Vanadium special steel
- Surface burnished
- □ drive 20 = 3/4"

HAZET No.	S mm	EAN-No. 4000896+
For cylinder head bolts on engines 400, 420		
2759-17	17	050680
For flywheel on engine 300, 400		
2759-19	19	050697

Oil Service Wrench



- For oil filler screw on M 8 gearbox
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	S mm	l mm	EAN-No. 4000896+
Types 100, 110, 115, 116, 117, 615, 616, 617			
2760	14 x 17	237	017638
Types 102, 103, 104, 110, 115, 116, 117, 119, 120, 123			
2760-2	14 x 13	287	017652

Valve Adjusting Tool



- Square Through-Plug for racing the engine during valve adjustment and valve timing on type 102, 103, 104, 110, 115, 116, 117, 119, 120, 123
- For Through-Plug Ratchet □ 12.5 = 1/2"

HAZET No.	l mm	EAN-No. 4000896+
2761	80	017683

Special Extension



- For screws in areas with restricted access, e.g. at the starter, engine, gearbox
- □ drive 12.5 = 1/2"
- With pin locking device only use sockets with lateral hole

HAZET No.	l mm	EAN-No. 4000896+
2762	575	017706

Valve Adjusting Wrench



- For valve adjustment, e.g. on types 100, 110, 114, 115, 123, 130
- In conjunction with torque wrench HAZET 6121-1 CT
- □ drive 12.5 = 1/2"

HAZET No.	S mm	l mm	EAN-No. 4000896+
2768-1	17	67	017768

Valve Adjusting Wrench



- For valve adjustment on engines M 615 (200 D, 220 D) M 616 (240 D, 240 TD)
- In conjunction with HAZET 2769-3
- To be used in pairs

HAZET No.	S mm	l mm	EAN-No. 4000896+
2769	14	225	017782
2769-1	14	160	017799



- For valve adjustment
- Prevents rotation of the valve disk
- To be used in conjunction with HAZET 2769 or 2769-1

HAZET No.	S mm	l mm	EAN-No. 4000896+
2769-3	30	170	017805



- For valve adjustment
- □ drive 12.5 = 1/2"

HAZET No.	S mm	l mm	EAN-No. 4000896+
2770-2	14	110	017843
2770-3	17	125	017867



- For valve adjustment without removing the valve springs on petrol engines M 110

HAZET No.	S mm	l mm	EAN-No. 4000896+
2771	17	350	017881

Spark Plug Wrench



- Application on multi-valve engines M 104, M 119, M 120
- With fixing clamp
- With 2 outside guide collars \varnothing 25.5 mm
- \square drive 10 = $\frac{3}{8}$ "

HAZET No.	\varnothing mm	\varnothing mm	l mm	EAN-No. 4000896+
2776	16	$\frac{5}{8}$	175	017935

Valve Seal Pusher



- For pressing on valve stem seals, \varnothing 7 mm
- On multi-valve engines M 104, M 119, M 120
- Plastic

HAZET No.	l mm	EAN-No. 4000896+
2777	160	050635

Shock Absorber Crown Wrench



- For the operation of **shock absorber screw connections** on MERCEDES-BENZ type 203 (C-class since 2000)
- \bullet drive 22 mm, b = pin breadth
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	B mm	\varnothing mm	EAN-No. 4000896+
2780-1	2,65	14,1	082858

Strut Unit Socket



- Open Socket (6-point) for the front pipe screwings at the MERCEDES-BENZ **strut unit with pneumatic shock absorption** E-class type 211
- Outside hexagon drive s 10 mm
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	S mm	l mm	EAN-No. 4000896+
2781-10	10	40	100644

Valve Retainer Ring Pliers



- For removing valve stem seals on multi-valve engines
- Jaws hardened, longitudinally toothed
- Working area dip-insulated avoiding damages of the timing gear
- **Straight design**

HAZET No.	l mm	EAN-No. 4000896+
2791-1	250	018123

Special Tool for Tie Rods



- For the screws at the tie rod/hub carrier MERCEDES-BENZ C-Class, type 202
- Chrome-Vanadium
- Bit made of special steel, steel grey

HAZET No.	M	l mm	EAN-No. 4000896+
2792-12	12	140	100613

Brake Spring Pliers



- For the **operation of the retaining springs at the drum brake linings**, e.g. on MERCEDES-BENZ type 168, A-Class, as well as on various French cars
- For the **new types of retaining springs (form C and P)**
- Jaws are especially formed according to the retaining springs

HAZET No.	l mm	EAN-No. 4000896+
2796-1	235	072330

Socket Set



320 x 128 x 44 mm

- \square drive 10 = $\frac{3}{8}$ "
- In blue sheet metal box with plastic insert
- 18 pieces

Contents:
880 Z-9 10 11 12 13 14 15 17 19 22
880-7 8
8815 8816 P 8820 8821-6 8 8858-1

HAZET No.	EAN-No. 4000896+
2800-18	018192

Tool Assortment for BMW



BMW

Classification to vehicles: pages 250–261

• Assortment of 258 pieces for BMW passenger cars

- Long-lasting basic equipment for the work place – maintenance –

Contents:

426-6 7
450 N-6 x 7 8 x 9 10 x 11 12 x 13
14 x 15 16 x 17 18 x 19 21 x 22
600 N-6 7 8 9 10 11 12 13 14 15
16 17 18 19 21 22 24 27 30 32
609-E 6 x E 8 E 10 x E 12
E 14 x E 18 E 20 x E 24
612 N-10 x 11
630-6 x 7 8 x 9 10 x 11 12 x 13
14 x 15 16 x 17 18 x 19 21 x 22
730-3 6 7 46-1 748 b-3 4 5 6 8
757-10 760 N-2
802-30 40 55 65 80 100 120
802-PH1 PH2 PH3
801 K-55 801 K-PH2
803-T 6 T 7 T 8 T 9 T 10
T 15 T 20 T 25 T 27 T 30
824
850-4 5 5.5 6 7 8 9 10 11 12 13 14
850 Lg-4 5 5.5 6 7 8 9 10 11 12 13
850-E4 E5 E6 E7 E8
8501-3 4 5 6 8
8503-0.6 x 3.5 1 x 5.5 1.2 x 8
8506-PH1 PH2
8507-PZ1 PZ2
858-1 863 P 865
866 U 867-2 868
869
880-7 8 9 10 11 12 13 14
15 16 17 18 19 21 22
880 Lg-10 11 12 13
880 G-10 11 12 13 14 15 16
880-E10 E11 E12 E14
880 G-E8 E10
8802-T40 T45
8808-6 8 10
8816 GK 8816 P 8820
8821-3 6 10 8858-1 2
900-10 11 12 13 14 15 16 17 18
19 20 21 22 24 27 30 32
900-E16 E18 E20 E24
986-5 6 7 8 10 12 14 17
992-T50 T55 T60
915 916 SP 917-5
918-10 23 919-1 920



Tool Assortment for BMW

958-1 2
903S Lg-17 903S Lg-19
1557 TS-1
1802-22
1841 A-22 1846 A-2 1846 B-2 1846 C-2 1846 D-2
1850-22 1952-40 1975 1976-2
2105 Lg-015 02 025 03 04 05 06 08 10
2115-T6 T7 T8 T9 T10 T15 T20 T25 T27 T30 T40
2140-4 2152/3 2154-5
2215-PH1 PH2 PH3
2223-T6
2223-T 7 H T 8 H T 9 H T10 H T15 H
T20 H T25 H T27 H T30 H T40 H
2223 Lg-T25
2250-1 2
2264 4968-2

HAZET
No.

EAN-No.
4000896+

0-2900/258

121236

Brake Calliper Screwdriver Socket



- For inside hexagon screws on rear brake callipers on BMW 3-, 5- and 8-series as well as on OPEL

- □ drive 10 = 3/8"

HAZET
No.

S
mm

l
mm

EAN-No.
4000896+

2901 G-7

7

48,5

051816

Cylinder Head TORX® Socket



- For outside TORX® screws E12 at the **cylinder head**, engine M 42, 1.8 l, 4-cyl. with 4 valve technique, 318 is since 1989, engine M 50, 2.0 l, 2.5 l 6-cyl. with 4 valve technique of 5-series since 1991, 520i, 525i

- Long style
- With ball clamping
- □ drive 12.5 = 1/2"

HAZET
No.

d₁
mm

l
mm

d₂
mm

EAN-No.
4000896+

2925

11,17

140

15,9

23

018284

Oil Service Screwdriver Socket



- For the oil drain plug and oil level plug with inside hexagon at the rear axle differential 10 mm until 1991 14 mm since 1991

- Flexible heads
- Chrome-Vanadium
- Surface chrome-plated, blades burnished

HAZET
No.

S
mm

l
mm

EAN-No.
4000896+

2944-10 x 14

10 x 14

270

018338

Valve Seal Pusher



- For pressing on **valve stem seals**
Ø 7 and 8 mm on BMW passenger cars and OPEL Omega B, 2.5 l Turbo-Diesel
- Special steel
- Surface phosphatized

HAZET No.	l mm	EAN-No. 4000896+
2977	150	053704

Valve Retainer Ring Pliers



- For **removing valve stem seals**
especially on BMW multi-valve engines since 1990,
OPEL-Omega B, 2.5 l Turbo-diesel,
FORD-Fiesta since 1996
- Jaws hardened, longitudinally toothed
- Working area dip-insulated avoiding
damage to the valve timing

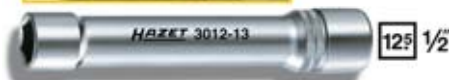
HAZET No.	l mm	EAN-No. 4000896+
2991	250	018352

OPEL

Classification to vehicles: pages 250 – 261



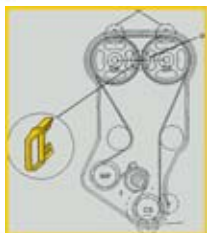
Safety Belt Socket



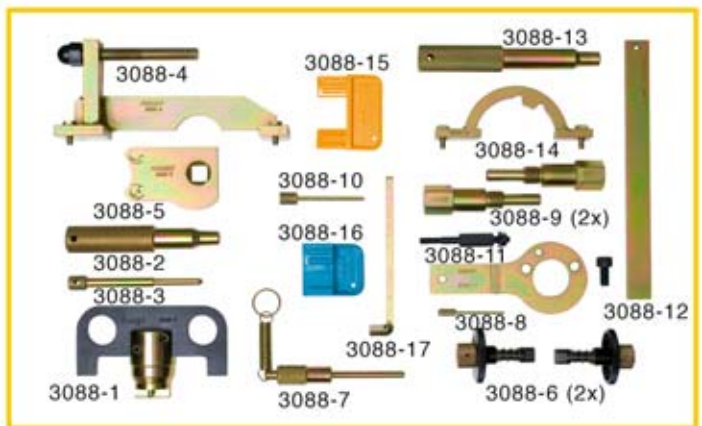
- Socket for operation of the **deeply located screws**
of the **safety belt casing** (B-pillar) on OPEL Astra G
- Extra long style
- □ drive 12.5 = 1/2"

HAZET No.	S mm	l mm	EAN-No. 4000896+
3012-13	13	120	062928

Engine Timing Tool



Engine Timing Tool



For the professional engine repair

- For timing belt changing and other engine repairs
- Detailed operating instructions including cross references
to original part/tool numbers
- Clear arrangement of tools in high-quality
plastic case with soft foam insert

Eco Tec petrol engines:

1.0 12V 1.2 16V (since 1997) and
twin camshaft engines

1.4 1.6 1.8 2.0 2.2 16V (since 1997)

OPEL Agila, Astra, Corsa, Tigra, Vectra, Zafira,
Omega, Frontera, Sintra, Signum, Meriva

Eco Tec diesel engines:

1.3 CDTi 16V 1.9 CDTi 2.0 2.2 DTi

OPEL Agila, Astra, Corsa, Vectra, Tigra, Combo-C, Zafira,
Omega, Frontera, Sintra, Signum

Set of 19 pieces

Contents:

3088-1 2 3 4 5 6 (2x) 7 8 9 (2x) 10 11 12 13 14 15 16 17

HAZET No.	EAN-No. 4000896+
3088/19	127788
Camshaft Setting Tool	
3088-1	137138
Crankshaft Locking Pin	
3088-2	136704
Injection Pump Locking Pin	
3088-3	136711
Timing Adjustment Fixture	
3088-4	137602
3088-5	137077
Camshaft Setting Tools	
3088-6	137145
Flywheel (Crankshaft) Locking Pin	
3088-7	136728
Chain Tensioner Retaining Pin	
3088-8	136735
Camshaft Setting Tool	
3088-9	137213
Auxiliary Belt Tensioner Locking Pin	
3088-10	136759
Crankshaft Locking Tool	
3088-11	136742
Camshaft Setting Plate	
3088-12	137091
Crankshaft Locking Pin	
3088-13	137473
Camshaft Setting Tool	
3088-14	137183
Camshaft Setting Tool (yellow)	
3088-15	137190
Camshaft Setting Tool (blue)	
3088-16	137206
Flywheel Holding Tool	
3088-17	137480

Tool Assortment for PORSCHE



PORSCHE

Classification to vehicles: pages 250 – 261



Assortment of 218 pieces for PORSCHE passenger cars

Contents:

440-5,5 6 11 12 13 14
600N-20 21 22 24 25 27 29 30 32 36
603-6 8 9 10 12 13 14 15 16 17 18 19
609-E6xE8 E10xE12 E14xE18 E20xE24
612-8x10 11x13 12x14 17x19
630-10x11 12x13 14x15 16x18 17x19 20x22
645-10x11 12x13
731-2 5 745a-6 745-4
746-2 748b-4 760N-2
801K-35 55 801K-PH1 PH2
803-20 25 30 35 55 65 80
803-PH1 PH2 PH3 821-1
803-T8 T9 T10 T15 T20 T25 T30
850-4 5 6 7 8 9 10 11 12 13 14
850-E5 E6 E7 E8
880-E10 E12 E14
8501-3 4 5 6 8
8503-0,6x3,5 0,8x4 1x5,5 1,2x8
8506-PH1 PH2 PH3 PH4
8507-PZ1 PZ2 PZ3
858-1 863P 865 866U 867-2 868 869
880-6 7 8 9 10 11 12 13
14 15 16 17 18 19 21 22
8801-4 5 6 8
8803-1x5,5 1,2x8 1,6x10
8806-PH1 PH2 PH3
8815 8816P 8820 8821-3 5 10 8858-1 2
900Z-10 11 12 13 14 15 16 17 18 19
20 21 22 23 24 26 27 28 30 32
900-E10 E12 E14
915 916SP 917-5 918-10 920 958-1 2
986Lg-8 10 992-T55 T60
1802M-22 1816-22 1841Mb-33
1846a-2 1846c-2 1846d-2 1952-35 1976
2100-025 03 04 05 06 08 10 12 14
2122-10
2140-5 2143 2147 2150
2223-T10 T20 T25 T27 T30
2223-T30 H 2223Lg-T25
2224-T40 T45 T50
2250-1 3 5
2255-1

HAZET
No.

EAN-No.
4000896+

0-3300/218

057429

With HAZET on the pole position!

HAZET
Ingenious Tools



**HAZET – Official supplier and technical partner
of Porsche motor sports**

FORD

Classification to vehicles:
pages 250 – 261

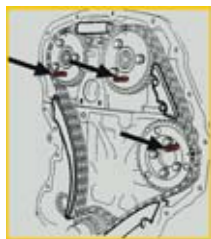
Compressed Air Adapter



- For keeping installed valves lifted when installing and removing the cylinder head valve keys
- On FORD engines except CVH engines and multi-valve engines
- Spark plug threads M 14 x 1.25 and M 18 x 1.5
- Compressed-air supply 13 mm 6-point

HAZET No.	l mm	EAN-No. 4000896+
3428	140	018819

Engine Timing Tool



For the professional engine repair

- For timing belt changing and other engine repairs
- Detailed operating instructions including cross references to original part/tool numbers
- Clear arrangement of tools in high-quality plastic case with soft foam insert

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 (1998 up to 2001)

Engine Timing Tool

Diesel engines:

1.8 D / TD / TDCi / TDDi: 2.0 / 2.4 TDDi 1.4 / 1.6 TDCi
FORD Fiesta, Escort, Orion, Courier, Focus, Focus C-Max, Mondeo (1988 up to 2003), Fusion, Transit

Set of 17 pieces

Contents:

3488-1 2 (2x) 3 4 5 6 7 8 (3x) 9 10 11
3788-21 22 23

HAZET No.	EAN-No. 4000896+
3488/17	127795



Engine Timing Tools

For professional car repair on FORD

17 pieces, contents see 3488/17

In 2-component soft foam insert (2/3), suitable for all HAZET tool trolleys with drawers

163-90/17	145546
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Camshaft Setting Plate

3488-1	137084
--------	--------

Locking Pin

3488-2	136797
--------	--------

Locking Pin

3488-3	136803
--------	--------

Crankshaft TDC Location Pin

3488-4	137497
--------	--------

Flywheel Locking Tool

3488-5	137060
--------	--------

Locking Pin

3488-6	136810
--------	--------

Locking Pin

3488-7	136827
--------	--------

Camshaft and Injection Pump Locking Pins

3488-8	136834
--------	--------

Chain Tensioner Locking Pin

3488-9	136841
--------	--------

Crankshaft Location Pin

3488-10	136773
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Crankshaft Location Pin

3488-11	136780
---------	--------

Injection Pump and Crankshaft Locking Pin

3788-21	136858
---------	--------

Flywheel Locking Tool

3788-22	136865
---------	--------

Camshaft Locking Pin

3788-23	136766
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Valve Shim Pliers



For valve shim replacement

- For 1.6 l, 1.8 l diesel Fiesta, Escort, Orion, 1.6, 1.8 l diesel since 1989, 1.8 l Sierra Turbo diesel
- Tips hardened and tempered

HAZET No.	l mm	EAN-No. 4000896+
3499	260	018888

FIAT

Classification to vehicles:
pages 250 – 261

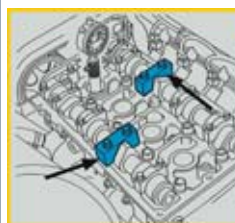
Oil Service Wrench



- For the oil filler and oil drain plug gearbox, differential, oil pan on e.g. FIAT, LANCIA, ALFA-ROMEO, LADA
- For 12 mm inside hexagon screws
- Chrome-Vanadium
- Surface nickel-plated

HAZET No.	s mm	l mm	EAN-No. 4000896+
3601-12	12	230	018895

Engine Timing Tool



For the professional engine repair

- For timing belt changing and other engine repairs
- Detailed operating instructions including cross references to original part/tool numbers
- Clear arrangement of tools in high-quality plastic case with soft foam insert

Petrol engines:

Twin camshaft engines
1.2 1.4 1.6 1.8 16V

FIAT Brava/Bravo, Barchetta, Cargo, Coupe, Marea, Palio/Weekend, Punto, Multipla, Stilo, Idea, Doblo, Marea/Weekend

Diesel engines:

diesel engines JTD
1.9 D/TD 1.9 JTD 2.4 TD/JTD

FIAT Brava/Bravo, Marea/Weekend, Palio/Weekend, Punto, Multipla, Doblo, Ulysse, Ducato, Stilo, Cargo, Scudo

Engine Timing Tool

Set of 31 pieces

Contents:

3088-11
3688-1 (2x) 2 (2x) 3 5 6 10 11 (8x) 12
13 41 42 71 72 81 82 91 92
3788-1 5 8 12

HAZET No.	EAN-No. 4000896+
3688/31	127757
Crankshaft Locking Tool	
3088-11	136742
Piston Position Tools	
3688-1	137343
Camshaft Setting Tools	
3688-2	137220
Double Pin Wrench	
3688-3	137329
Tensioner Adjuster	
3688-5	137336
Flywheel Holding Tool	
3688-6	137053
TDC Position Tool	
3688-10	137527
Retaining Bolts	
3688-11	137350
Flywheel Holding Tool	
3688-12	137367
Tensioner Adjuster	
3688-13	137374
Camshaft Setting Plate	
3688-41	137237
3688-42	137244
Camshaft Setting Plate (silver)	
3688-81	137381
3688-82	137398
Camshaft Setting Plate (blue)	
3688-91	137404
3688-92	137411
Camshaft Setting Plate (yellow)	
3688-71	137428
3688-72	137435
Crankshaft/Flywheel TDC Locking Pin	
3788-1	136643
Locking Pin/Bolt	
3788-5	136513
Injection Pump Locking Pin / Bolt	
3788-8	136554
Holding Tool for Crank Pulley Removal	
3788-12	137015

PEUGEOT

Classification to vehicles:
pages 250 – 261

Oil Service Wrench

HAZET No.	S mm	L mm	EAN-No. 4000896+
3701	8 x 10	238	018901

- For the oil filler and oil drain plug gearbox, differential, oil pan on PEUGEOT and RENAULT vehicles since 1983
- Chrome-Vanadium
- Surface chrome-plated

Oil Service Screwdriver Socket

HAZET No.	S mm	L mm	EAN-No. 4000896+
3702	8	36	018918
3702-1	10	36	018925

- For the oil filler and oil drain plug gearbox, differential, oil pan
- drive 12.5 = 1/2"
- Chrome-Vanadium
- Surface chrome-plated

Oil Service Wrench

HAZET No.	S mm	L mm	EAN-No. 4000896+
3703	8 x 10	233	018932

- For the oil filler and oil drain plug gearbox, differential, oil pan on various French passenger cars
- 8 and 10 mm male square
- Chrome-Vanadium
- Surface chrome-plated

Engine Timing Tool

HAZET No.	S mm	L mm	EAN-No. 4000896+
3701	8 x 10	238	018901

Engine Timing Tool

For the professional engine repair

- For timing belt changing and other engine repairs
- Detailed operating instructions including cross references to original part/tool numbers
- Clear arrangement of tools in high-quality plastic case with soft foam insert

Petrol engines:

1.0 1.1 1.4 1.6 1.8 1.9 2.0 Turbo
as well as twin cam engines
1.6 1.8 2.0 2.2 16V

CITROËN AX, BX, ZX, XM, Saxo, Xsara, Xantia, Synergie / Evasion, Berlingo, Dispatch / Jumpy, C 15, Relay / Jumper, Synergie, C 5 (2000 up to 2002), C 8
PEUGEOT 106, 205, 206, 306, 307, 309, 405, 406, 407, 605, 806, 807, Expert, Partner, Boxer (since 1986), 406 Coupe, 607

Diesel engines:

1.4 1.5 1.7 1.8 1.9 2.1 2.5 D / TD / TDI
and HDI diesel engines
1.4 1.6 2.0 2.2

CITROËN AX, ZX, XM, Visa, Xsara, Xantia, Dispatch, Synergie / Evasion, Berlingo, Dispatch, Jumpy, C 2, C 3, C 5, Relay / Jumper
PEUGEOT 106, 205, 206, 305, 306, 307, 309, 405, 406, 406 Coupé, 605, 607, 806, 807, Express, Expert, Partner, Boxer (86 R)

Set of 37 pieces

Contents:

3788-1 2 3 (3x) 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22 23
24 25 26 (2x) 27 28 (2x) 29 30 31 32 33

HAZET No.	EAN-No. 4000896+
3788/37	127740
Crankshaft/Flywheel TDC Locking Pin	
3788-1	136643
3788-2	136650
3788-3	136667
Injection Pump Locking Pin	
3788-4	136506
Locking Pin/Bolt	
3788-5	136513
Injection Pump Locking Bolt/Pin	
3788-6	136520
Camshaft Locking Bolt/Pin	
3788-7	136537
Camshaft and Injection Pump Locking Bolt/Pin	
3788-8	136544
Tensioner Setting Pin	
3788-9	136551
Special Wrench for Tensioner Roller	
3788-10	136964
3788-11	136971
Holding Tool for Crank Pulley Removal	
3788-12	137015
Holding Tool for Crank Pulley Removal	
3788-13	137022
Flywheel Holding Tool for Crank Pulley Removal	
3788-14	137039
Crankshaft Pulley Remover	
3788-15	137152
Flywheel TDC Locking Pin	
3788-16	137008
Locking Bolt	
3788-17	137169
Tensioner Adjuster	
3788-18	136988
3788-19	136995
Timing Belt Retaining Clip	
3788-20	137176
Injection Pump and Crankshaft Locking Pin	
3788-21	136858

continued on page 174 ▶

PEUGEOT (continued)

Classification to vehicles: pages 250 – 261

Engine Timing Tool

HAZET No.	EAN-No. 4000896+
Flywheel Locking Tool 3788-22	136865
Camshaft Locking Pin 3788-23	136766
Crankshaft/Flywheel TDC Locking Pin 3788-24	136957
Locking Pin 3788-25	136919
Locking Pin 3788-26	136926
Locking Pin 3788-27	136933
Locking Pin 3788-28	136940
Camshaft Locking Pin 3788-29	136568
3788-30	136674
Crankshaft Locking Pin 3788-31	136681
Flywheel Locking Tool 3788-32	137046
Camshaft Locking Pin 3788-33	136698

RENAULT

Classification to vehicles: pages 250 – 261

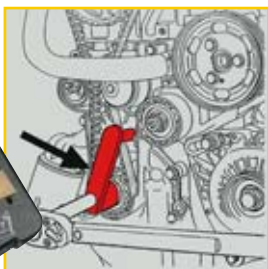
Brake Calliper Screwdriver Socket



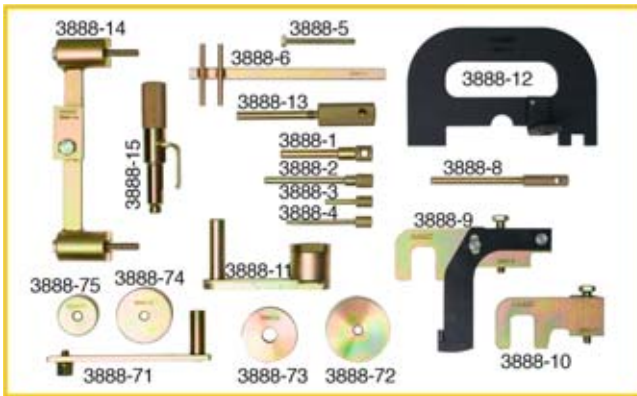
- For the operation of the hexagon screws at the rear brake calliper on RENAULT Laguna 2
- Special steel
- □ drive 10 = 3/8"

HAZET No.	EAN-No. 4000896+
3884-1	115815

Engine Timing Tool



Engine Timing Tool



For the professional engine repair

- For timing belt changing and other engine repairs
- Detailed operating instructions including cross references to original part/tool numbers
- Delivered in high-quality plastic case with soft foam insert

Petrol engines:

Twin camshaft engines

1.2 1.4 1.6 1.8 2.0 16V 2.5 20V

RENAULT Clio, Twingo, R 19, Megane, Scénic, Laguna, Safrane, Espace, Express / Extra, Rapid, Kangoo

Diesel engines:

1.9 D / TD / d Ti 2.2 D / TD 2.5 D 2.8 d Ti

1.5 d Ci 1.9 d Ci 2.2 d Ci 2.5 d Ci

RENAULT Clio, Express / Extra, Mégane, Scénic, Laguna, Espace, Safrane, Kangoo, Trafic, Master, Vel Satis, R 5, R 19, Rapid

Set of 19 pieces

Contents:

3888-1 2 3 4 5 6 8 9 10 11 12 13 14 15 71 72 73 74 75

HAZET No.	EAN-No. 4000896+
3888/19	127733
Crankshaft TDC Locking Pin 3888-1	136575
Crankshaft TDC Locking Pin 3888-2	136582
Locking Pin 3888-3	136599
3888-4	136605
Adjuster 3888-5	137251
Adjuster 3888-6	137268
Crankshaft Locking Pin 3888-8	136612
Camshaft Setting Plate (Exhaust) 3888-9	137275
Camshaft Setting Plate (Inlet) 3888-10	137282
Tensioning Tool 3888-11	137299
Camshaft Setting Plate 3888-12	137305
Crankshaft Locking Pin 3888-13	136629
Camshaft Setting Plate 3888-14	137312
Locking Pin 3888-15	136636
Arm 3888-71	137503
Adapter 3888-72	137442
Spacer 3888-73	137510
Adapter 3888-74	137459
3888-75	137466

Tool Assortment for Commercial Vehicles



Commercial Vehicles

Classification to vehicles: pages 250–261

Assortment of 137 pieces
for MERCEDES-BENZ commercial vehicles

Contents:

450 N-6 x 7 8 x 9 10 x 11 12 x 13 14 x 15
16 x 17 18 x 19 21 x 22 24 x 27 30 x 32
34 x 36
600 N-7 8 9 10 11 12 13 14 15
16 17 18 19 21 22 24 27 34
610 N-6 x 7 8 x 9 10 x 11 12 x 13 14 x 15
16 x 17 18 x 19 21 x 22 24 x 26 27 x 32
612 N-10 x 11
612-12 x 14 16 x 18 17 x 19
630-6 x 7 8 x 10 8 x 9 10 x 11 12 x 13
14 x 15 16 x 17 18 x 19 20 x 22 21 x 23
24 x 26 25 x 28 27 x 32 30 x 34 36 x 41
652
730-6 8
746-2
748 b-2 3 4 5 6 8
760 N-2 4
797
801 K-55 801 K-PH 2
803-25 30 35 40 65 80
803-PH 1 PH 2
815-PH 3 PH 4 824
900-10 11 12 13 14 15 16 17 18 19 20
21 22 23 24 26 27 28 30 32 34
915 916 SP
917-5 918-10
920
1802-22 33
1841 a-33 1952-50 1976
2100-02 03 04 05 06 07 08
09 10 12 14 17 19 22
2120-8 2122-8 2130
2140-5 10
2147 2161
2165-1 3



HAZET
No.

EAN-No.
4000896+

0-2700/137

000364

Tire Iron



- Double-T profile ensures high stability
- Chrome-Vanadium
- Surface chrome-plated

HAZET
No.

l
mm

EAN-No.
4000896+

For passenger cars and vans

650-20

500

028641

650-24

598

028658



- For commercial vehicles, agricultural and building machinery
- Heavy design
- Chrome-Vanadium

HAZET
No.

l
mm

EAN-No.
4000896+

652

600

028702

Valve Tool



- For installing and removing tire valve cores
- For pushing in the valve pin when deflating the tire, e.g. on passenger cars, transporters and commercial vehicles

HAZET
No.

EAN-No.
4000896+

666-1

087136

Rim Wrench



- For commercial vehicles
- Chrome-Vanadium
- Surface chrome-plated, bright heads

HAZET
No.

mm

Ø

l
mm

EAN-No.
4000896+

769-1

24 x 27

1 5/16 x 1 1/16

402

030743

769-2

28 x 33

– x 1 5/16

402

030750

769-30

30 x 32

3/16 x 1 1/4

402

030767

769 S-3

32 x 38

1/2 x 1 1/2

407

030781

Handle Bar



For above mentioned Rim Wrenches 769
chrome-plated

HAZET
No.

l
mm

Ø
mm

EAN-No.
4000896+

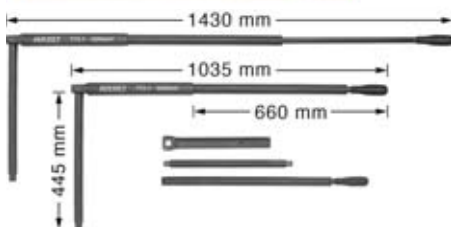
769-4

630

19

030774

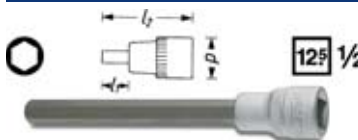
Rim Wrench



- For installing and removing wheel nuts/bolts on commercial vehicles
- Extra long lever arm (max. length 1,430 mm) allows application of high forces (up to 1,200 Nm in extended position)
- 3 pieces – tool can be disassembled and allows space-saving storage in the storage or tool box
- 8-point extension for deeply located screwed connections
- For the operation of sockets of different sizes figuring in the 20 3/4 range, e.g. HAZET 1000 S
- The fitting accuracy of interior and exterior tube provides exact and safe fit in every length
- Safety pin avoids unintentional loosening - removing of safety pin with pin \varnothing 3 mm
- Special welding method provides force-fit connection of inside square 20 3/4 and exterior tube
- Highly-tempered special steel, burnished

HAZET No.	l mm	20 3/4	EAN-No. 4000896+
772-1	1035-1430	20 3/4	123957

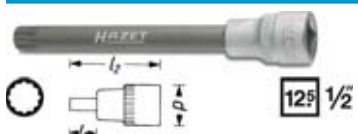
Screwdriver Socket



- Long style
- For inside hexagon screws
- drive 12.5 = 1/2"
- With knurling
- Blades made of special steel
- DIN 7422
- 986 Lg-5 6 7 with offset blade

* = not according to DIN

HAZET No.	l ₁ mm	l ₂ mm	d mm	s mm	EAN-No. 4000896+
986 Lg- 8	42	80	24,6	8	047130
986 Lg-10	103	141	24,6	10	047086



- Extra long style
- For screws with internal serration XZN
- drive 12.5 = 1/2"
- With knurling
- Blades made of special steel
- For cylinder head bolts on different car types, e.g. VW-AUDI, OPEL, TOYOTA

HAZET No.	M	l ₁ mm	l ₂ mm	d mm	EAN-No. 4000896+
990 S Lg-12	12	102	140	23	047376

TORX® Screwdriver Socket



- For the operation of inside TORX® screws, e.g. on commercial vehicles and agricultural machinery
- Application, e.g. at the front axle: screws of the steering tie lever on commercial vehicles MAN
- 1012-T 80 for M series
- 1012-T 100 for F series
- Blades made of special steel

HAZET No.	l ₁ mm	l ₂ mm	20 3/4	EAN-No. 4000896+
1012-T 60	28	80	13,25	087488
1012-T 70	28	80	15,53	087495
1012-T 80	28	80	17,59	087501
1012-T 90	28	80	19,95	087518
1012-T 100	28	80	22,15	087525

Impact Socket (6-Point)



- Long style, e.g. for deeply located wheel nuts/bolts on commercial vehicles
- For impact operation
- drive 20 = 3/4"

HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
1004 S-24	400	44	38	25	055807
1004 S-27	400	44	42	28	055760
1004 S-30	400	44	46	29	055777
1004 S-32	400	44	48	33,5	055784
1004 S-33	400	44	50	33,5	055791
1004 S-36	400	44	53	35,5	055814



- Especially long style e.g. for deeply located wheel nuts/bolts on commercial vehicles
- For impact operation
- drive 25 = 1"

HAZET No.	l mm	d ₁ mm	d ₂ mm	t mm	EAN-No. 4000896+
1104 S-32	270	51,5	54	32	002665

Ball Joint Puller



- For removing ball joint pivots of steering tie rods, stabilizers, etc.
- Special steel
- Surface galvanized

a = Span of the jaw

HAZET No.	a mm	b mm	c mm	EAN-No. 4000896+
1779-37	39	62	78	136032
e.g. for commercial vehicles MAN, MERCEDES-BENZ, etc.				
1779-55	55	77	80	136407

Universal Ball Joint Puller



- For removing the ball joint pivots of pitman arms, steering tie rods, stabilizers, etc. on almost all vehicle types
- Sturdy execution and deep location groove enabling a safe and universal application e.g. for light commercial vehicles

- Special steel
- Surface galvanized

a = Span of the jaw

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



- For removing the ball joint pivots of pitman arms, steering tie rods, stabilizers, etc.
- Sturdy execution and deep location groove enabling a safe and universal application
- Special steel
- Surface zinc-yellow passivated (free from Cr 6)

a = Span of the jaw

HAZET No.	sb max mm.	a mm	EAN-No. 4000896+
1790-3	85	40	145454

Ball Joint Puller



- For the safe removing of **ball joint pivots** and ball joints
- **Supported by hydraulic system**
- Special steel
- Surface zinc yellow passivated (free from Cr 6)

HAZET No.	s b mm	a mm	EAN-No. 4000896+
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- For passenger cars, vans, commercial vehicles
- Max. capacity 12 tons
- 1790-5 70 30-34 145461
- For commercial vehicles, busses and building machinery
- Max. capacity 12 tons
- 1790-6 85 36-40 145478

Lockring Pliers



- For the application on commercial vehicles, building and agricultural machinery
- Toothed rack for locking the respective mounting or dismounting position
- Releasing of toothed rack by pressure lever
- Handles made of sheet steel
- Hardened and tempered threaded tips, replaceable
- Surface powder coated

HAZET No.	l mm	Ø mm	DIN 471 993 mm	EAN-No. 4000896+
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Straight jaws for inside lockrings (bore holes)

1846 a-5	545	3,5	122-300	081271
1846 a-6	545	4,5	252-400	081295



- For the application on commercial vehicles, building and agricultural machinery
- Toothed rack for locking the respective mounting or dismounting position
- Releasing of toothed rack by pressure lever
- Handles made of sheet steel
- Replaceable tips, hardened and tempered
- Surface powder coated

HAZET No.	l mm	Ø mm	DIN 471 993 mm	EAN-No. 4000896+
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Straight jaws for outside lockrings (shafts)

1846 c-5	538	3,5	122-300	081332
1846 c-6	538	4,5	252-400	081356

Locking Pliers



- For **circlips in pressure plates/thrust bearings** of IVECO gears
- For Daily and Eurocargo
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	l mm	EAN-No. 4000896+
1847-9	265	050086

Electronic Multifunction Tester



With LED display and integrated lighting

- Especially for workshops (motorcycles, passenger cars, commercial vehicles, boats)
- 12-24 V
- Cable length 6 m with integrated lighting
- **Short circuit proof 7.5 A**
- **Application:**
For testing electrical components, e.g. electrical fuel pumps, relays, lamps, window lift engines, etc.
- **Optimal lighting of 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.	l mm	EAN-No. 4000896+
2152-5	6000	144440

Grease Gun



- Capacity 500 cm³
- With reinforced hose, nozzle tube and 2 nozzles M 10 x 1

HAZET No.	EAN-No. 4000896+
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Light design, wall thickness 1.0 mm

2162-1 075027

Reinforced design, wall thickness 1.5 mm

2162-2 075034

Pry Bar



- For knocking bearings and bearing shells in and out, installing and removing of springs, bolts, toothed gears, etc.
- Special steel
- Surface bright nickel-plated

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

2165-1 400 013302

2165-2 400 013319

2165-3 400 013326



- For excessive and heavy use during repair work on commercial vehicles, agricultural and building machinery
- For levering out rotary shaft seal units
- For checking:
 - cab bearings
 - cardan shaft slackness
 - bearing bushings
 - ball-and-socket joints of the steering tie rod and steering rod
- Square blade made of special steel for heavy use passing through the handle
- Big, shock-resistant and ergonomic handles offer comfortable grip and allow two-hand operation

HAZET No.	Execution	EAN-No. 4000896+
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2166-1 610 mm x 90° 089055

2166-2 910 mm x 45° 089062

2166-3 610 mm x 60° 089079

Oil Filter Wrench



- For the operation of **oil and fuel filters**
- For **MANN oil and fuel filters**:
W 920, W 920/7, W 930, W 930/9, W 940, W 940/15, W 940/20, W 940/25, W 950, W 950/1, W 950/5, W 962/2, W 962/7, W 962/14, W 1130/1, WK 940/4, WK 950/4, WK 962/5, WP 931 and WP 962/3,
as well as **KNECHT and MAHLE oil filters**:
OC 51, OC 83 and OC 214
- drive 12.5 = 1/2" or outside hexagon 22 mm
- Forged design
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	mm	mm	EAN-No. 4000896+
2168	22	59	013333



- For the operation of **oil filters** (KNECHT and MAHLE filters)
15-point s 92 mm
e.g. VW-AUDI Passat 1.9 TDi until 11/2000, 2.8 L until 04/1999, CHRYSLER 300 M, PORSCHE, OPEL, RENAULT, FORD Focus 1.8 Di since 08/1999, 1.8 TDi since 10/1998, Maverick 2.7 TD until 1996, Mondeo 2.5 L until 2000, MITSUBISHI, NISSAN, ALFA-ROMEO, HONDA, VOLVO etc. MAN (commercial vehicles) F 2000
- drive 12.5 = 1/2" or outside hexagon 27 mm

HAZET No.	mm	mm	EAN-No. 4000896+
2169-1	27	102	013357



- For the operation of oil filters
□ drive 12.5 = 1/2" or outside hexagon 24 mm

HAZET No.	mm	mm	EAN-No. 4000896+
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- For the operation of plastic **oil filter housings**
18-point s 135 mm
on MAN commercial vehicles of the series F 2000 and TGA

HAZET No.	mm	mm	EAN-No. 4000896+
2169-5	24	148	100330

Oil Filter Wrench

HAZET No. mm mm EAN-No. 4000896+

- 15-point s 105 mm**
For the operation of oil filters, e.g. **MANN filters** on
- AUDI A 6 2.5 TDI until 1997
- FIAT Croma 2.5 D, 2.5 TD, 2.5 TDE. FIAT Ducato 2.5 D, TDI and 2.8 D, idTD, JTD, TDi
- IVECO Daily II, III, IV
- MAN commercial vehicles of the series M with oil filters MAN T-No. 51-5501-760
- PEUGEOT Boxer II 2.2 HDI, 2.8 HDI
- RENAULT Master 2.5 D
- VW LT 28, 31, 35, 40, 45 with 2.4 D engine

2169-9	24	119	116690
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- For installing and removing the **oil filter cap** when changing the filter element
- drive 10 = 3/8"
- Forged design
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	mm	mm	EAN-No. 4000896+
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- 6-point s 36 mm**
e.g. for MERCEDES-BENZ 116 MB, 100 D Transporter, Actros MP 1, MP 2, BMW M 52-6 cyl.: 3 Series since 09/1995, 5 Series since 11/1995, M 60-8 cyl.: 5, 7 and 8 Series, M 73-12 cyl.: 7 Series, 8 Series, 1 Series (E87): 118d, 120d, OPEL Vectra B Di 16 V, Lupo 1.2 TDi, model year 1999, VW Touareg TDi, VW T5 2.5 diesel
For MAN fuel filter e.g. TGA

2169-36	36	50	086566
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Oil Filter Chain Wrench



- For removing oil filters and for the operation of the granulates cartridge on commercial vehicles with compressed air dryers
- Even in areas with restricted access
- With chain
- drive 12.5 = 1/2"
- Special steel

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

Cartridge Wrench



- Design made by HAZET
- For loosening the granulates cartridge on commercial vehicles with **compressed air dryer**, e.g. on MERCEDES-BENZ and MAN
- Negative position of arms
- drive 12.5 = 1/2"
- Special steel, forged design
- Surface burnished

HAZET No.	max. mm	min. mm	EAN-No. 4000896+
2195	140	90	014101

5-Star Screwdriver Bit



HAZET No.	EAN-No. 4000896+
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Assortment with holder

- Bit holder with magnetic bit retention**
- Practical and space-saving bit storage in the handle
- 7 pieces

Contents:
2225-10 H 15 H 20 H 25 H 27 H 30 H
2262

2225/7 H	097333
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Socket for the Reverse Gear Switch



- Socket for the operation of switches, e.g. the reverse gear switch at the gear or the axles e.g. on MERCEDES BENZ commercial vehicles of the SK series, Actros, MAN commercial vehicles
- 27 mm 8-point special profile**
- Especially relieved
- drive 12.5 = 1/2"
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	mm	EAN-No. 4000896+
2716-1	60	086405

Socket for Spring Shackle Screws



- Impact Socket (12-Point)
- For the operation of the spring shackle screws on commercial vehicles MERCEDES-BENZ, Actros series with pneumatic shock absorbers
- Suitable for impact wrenches
- Especially adapted for areas with restricted access – allows quick and safe working as well as the application of high forces
- 12-point
- Chrome-Vanadium special steel

HAZET No.	l mm	S mm	EAN-No. 4000896+
2717-27	112	27	086627

Screwdriver Socket for Balance Wheel



- For screws with internal serration (XZN), e.g. **balance wheel and vibration shock** on engines of commercial vehicles, 500 series since 12/1995, 900 since 06/1996
- □ drive 20 = 3/4" with locking pin

HAZET No.	M	EAN-No. 4000896+
2753	14	049929

Cylinder Head Wrench



- For cylinder head bolts on M 401, 404, 407-409, 421-424, 427, 428, 444, 447
- □ drive 12.5 = 1/2"

HAZET No.	S mm	l mm	EAN-No. 4000896+
2758-17	17	165	017614

Cylinder Head / Flywheel Socket



Cylinder Head / Flywheel Socket

- Impact Socket (12-Point)
- Reinforced design for working on **commercial vehicles**
- Suitable for impact wrenches
- Chrome-Vanadium special steel
- Surface burnished
- □ drive 20 = 3/4"

HAZET No.	S mm	EAN-No. 4000896+
For cylinder head bolts on engines 400, 420		
2759-17	17	050680
For flywheel on engine 300, 400		
2759-19	19	050697

Valve Adjusting Wrench



- For valve adjustment on engines M 615 (200 D, 220 D) M 616 (240 D, 240 TD)
- In conjunction with HAZET 2769-3
- To be used in pairs

HAZET No.	S mm	l mm	EAN-No. 4000896+
2769	14	225	017782
2769-1	14	160	017799



- For valve adjustment
- Prevents rotation of the valve disk
- To be used in conjunction with HAZET 2769 or 2769-1

HAZET No.	S mm	l mm	EAN-No. 4000896+
2769-3	30	170	017805

Cylinder Head Socket



- **TORX®** Impact Socket for the operation of cylinder head bolts
- Suitable for impact wrenches
- □ drive 20 = 3/4"
- Reinforced design
- Chrome-Vanadium special steel
- Surface phosphatized

Cylinder Head Socket

HAZET No.	l mm	S mm	EAN-No. 4000896+
On MAN commercial vehicles M 2000 and MAN busses with D 08 engines			
2850-E 18	110	16,70	086412
On MAN commercial vehicles F 2000, F 90, F 8 and MAN busses with D 25 and D 28 engines			
2850-E 20	110	18,45	079681

Pressure Line Screw Wrench



- Open Box-End Pipe Wrench for the screwed connection at the hydraulic mains of the tilting devices for cabs on MAN trucks
- Wrench profile is especially adapted for screwed connections
- s 14 with special profile
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	S mm	l mm	EAN-No. 4000896+
2852-1	14	130	100064

Cylinder Head Wrench



- For the operation of **cylinder head bolts without removing the injection nozzles and pipes** – e.g. during maintenance work – on MAN commercial vehicles type F2000, F90, F8 and MAN busses with D25 and D28 engines
- For outside TORX® screws E 20
- □ drive 12.5 = 1/2"

HAZET No.	l mm	S mm	EAN-No. 4000896+
2858-E 20	164	18,45	085675

Oil Pressure Switch Tool



- Open-End Insert Tool for the operation of the oil pressure switch on MERCEDES-BENZ commercial vehicles with 541-542 engines as well as on MAN trucks of the series F and M
- Tool profile is especially adapted for the existing space
- **Extra-slim style (8 mm)** allows access between engine block and switch and ensures an appropriate operation of the switch
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	S mm	l mm	EAN-No. 4000896+
2870-24	24	52	103638

Injection Line Socket



- Open 12-Point Socket for injection lines
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	S mm	l mm	EAN-No. 4000896+
□ drive 12.5 = 1/2", on MERCEDES-BENZ 100, 130, 314, 360, 360h, 352A, 346/355, 401, 402, 403, 407h, 615, 616, 617			
4550-1	17	120	021697
□ drive 12.5 = 1/2", on MERCEDES-BENZ M 352, A, 346/355, A, 401, 402/422, LA, 403, 407h, for the dip stick guide tube on M 314			
4550-2	19	120	021734



- Open 12-Point Socket for the operation of screwed connections on injection lines on MAN commercial vehicles with D 20 engines – Common Rail injection systems
- Short Style
- □ drive 10 = 3/8"
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	S mm	l mm	EAN-No. 4000896+
4550-3	17	83	104307
4550-4	19	83	104291

Pressure Valve Holder Socket



- Multipoint socket for installing and removing the pressure valve holder on the MRSF-ERE fuel injection pump, on MERCEDES-BENZ diesel passenger cars, 601, 602, 603, 605, 606, 615, 616, 617
- With 33 teeth
- □ drive 12.5 = 1/2"
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	S mm	l mm	EAN-No. 4000896+
4556	17,9 x 20	55,5	021864

Pressure Nut Crown Wrench



For the operation of the pressure nut at the nozzle holder

HAZET No.	l mm	EAN-No. 4000896+
• For commercial vehicles MAN and MERCEDES-BENZ M 401/421, M 402/422, LA, A, M 403/423, M 470h		
• □ drive 12.5 = 1/2"		
• Chrome-Vanadium		
• Surface chrome-plated		
4558	72	021888
• 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	050529
• For e.g. commercial vehicles MERCEDES-BENZ and MAN		
• With retainer for fixation between pressure nut and nozzle holder – avoids slipping down		
• 32 mm outside hexagon drive		
• Special steel		
• Surface phosphatized		
4558-2	69	057344

Special Tool for Battery Plugs



Special Tool for Battery Plugs

- For screwing battery plugs in and out
- Profile is especially adapted for battery plugs
- Special length allows universal application in areas with restricted access
- Ergonomic T-handle made of plastic
- Chrome-Vanadium
- Surface chrome-plated

HAZET No.	mm	l mm	EAN-No. 4000896+
4650-3	14,5 x 1,7	95	102051

Pressure Nut Crown Wrench



- For damage-free releasing plug-type connectors, e.g. flat and round connectors
- Malfunctions due to loose contacts can be remedied easily, quickly and professionally
- Universal application in the field of car electricity
- 2-coloured plastic handles
- With sliding caps protecting the blades from damage and avoiding the risk of injury
- In plastic case with soft foam inserts – missing tools are noticed immediately

HAZET No.	EAN-No. 4000896+
Extension set for trucks / commercial vehicles	
9 pieces	
Contents:	
4671-4 15 16	
4672-19 21 22	
4673-12	
4674-9 10	
4670-6/9	135776

Relay Pliers



- For safe installing and removing relays, even small ones, e.g. on OPEL, FORD, MAZDA, CHRYSLER, NISSAN, VW passenger cars, MERCEDES-BENZ, MAN, IVECO commercial vehicles
- Jaws made of special steel
- Pliers with solid plastic body
- DBGM – German registered utility model

HAZET No.	l mm	EAN-No. 4000896+
4770-1	140	062409

Safety Spring Vice Basic Appliance



- With location bar for machinist's vice
- Proven safety
- Tempered cylindrical and guiding tube
- Forged and tempered tensioning jaws
- DBGM - German registered utility model

HAZET No.	EAN-No. 4000896+
4900-2 A	077267

Tensioning Jaw



(Price per piece)
application – see classification to vehicles

HAZET No.	EAN-No. 4000896+
For driver's cabin MB Actros (MP-1)	
4900-25	121670



(Price per piece)
application – see classification to vehicles

HAZET No.	EAN-No. 4000896+
For driver's cabin with steel springs MB-Actros (MP-1)	
4900-26	121687

Calliper Gauge for Brake Drums



Calliper Gauge for Brake Drums

- For the abrasion test at the drum brakes of passenger cars and commercial vehicles (follow vehicle manufacturer's instructions)
- Scale and slide made of aluminium profile
- Jaws made of stainless steel, 150 mm long
- Inside measuring with immediate reading
- Vernier 1/20
- With fixing screw
- Measuring range up to 500 mm
- In wooden box

HAZET No.	EAN-No. 4000896+
4955-1	073153

Calliper Gauge for Brake Discs



- For measuring the thickness of the brake discs (wear/abrasion of the brake disc) Follow vehicle manufacturer's instructions!
- With fixing screw and sliding vernier (vernier 1/10)
- With crowned measuring surfaces
- In leather case

HAZET No.	EAN-No. 4000896+
For commercial vehicles, measuring range 100 mm, jaw length 115 mm	
4956-2	073177

Torque Wrench SYSTEM 6000 CT



With reversible ratchet

- Release accuracy tolerance (in direction of actuation): $\pm 2\%$ of scale value according to DIN EN ISO 6789:2003 (D)
- With turning knob for additional locking of the adjusted torque value
- Square drive according to DIN 3120 A, ISO 1174-1 A

With serial number and certificate

HAZET No.	■	Nm	l mm	EAN-No. 4000896+
6143-1 CT	20 = 3/4"	100–400	803	025466
6144-1 CT	20 = 3/4"	200–500	1040	025541
6145-1 CT	20 = 3/4"	300–800	1280	025565

Mechanical Angle Dial



- For tightening screws as a function of the **torsion angle**
- To be used between all torque wrenches with ■ drive 12.5 = 1/2" (resp. 20 = 3/4") and tools with □ drive 12.5 = 1/2" (resp. 20 = 3/4")
- With flexible magnetic holder for the fixing point
- Range 0 - 360°, graduation 1°, 95 mm Ø

HAZET No.	□ ■	EAN-No. 4000896+
6690-1	20 = 3/4"	029273

Torque Multiplier



Improved, light style made of aluminium. Up to a 30% less weight than comparable steel version!

- For **tight screwed connections**
- Avoids the application of lever arms, impact tools, etc., prevents screwed connections from damage
- External energy supply is not necessary
- Low maintenance
- High accuracy $\pm 5\%$
- For building and agricultural machines, commercial vehicles, plant and engine construction and ship building
- **Transmission ratio:**
6800 ALU-Lg-1400 approx. 1:3.5

HAZET No.	Nm	□ ■	EAN-No. 4000896+
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Extra long pattern


e.g. for deeply located wheel bolts/nuts on commercial vehicles

6800 ALU-Lg1400 1400 20 = 3/4" 25 = 1" 143580

Impact Wrench




- **Ultra-light (2.6 kg) magnesium housing**
lighter than comparable aluminium housings
- **Powerful twin hammer mechanism**
- 3 power settings in forward
- Screw size: M 16
- Recommended torque: up to 542 Nm
- Max. loosening torque: 1490 Nm
- Air consumption: 133 l/min
- Air inlet thread: 1/4"
- Working pressure: 6.3 bar
- Sound pressure level Lp A: 88 dB(A)
- Cold insulated handle
- Exhaust air is guided through the handle downwards
- Reduced vibrations
- Forward and reverse
- Easy handling
- Coupler plug, nominal size 7.2 included

HAZET No.	Nm max.	1/min	 g	EAN-No. 4000896+
9012 MG	740	7500	2600	109197

Impact Wrench



- **Ultra-light (8.8 kg) magnesium housing**
lighter than comparable aluminium housings
- **Powerful twin hammer mechanism**
- Multiple power settings in forward and reverse
- Screw size: M 32
- Recommended torque: up to 1355 Nm
- Max. loosening torque: 2600 Nm
- Air consumption: 300 l/min
- Air inlet thread: 1/2"
- Working pressure: 6.3 bar
- Sound pressure level Lp A: 111.4 dB(A)
- Cold insulated handle
- Exhaust air is guided downwards

HAZET No.	Nm max.	1/min	 g	EAN-No. 4000896+
9014 MG	2160	4500	8800	109227



- **Ultra-light (5.2 kg) magnesium housing**
lighter than comparable aluminium housings
- **Powerful twin hammer mechanism**
- 3 power settings in forward
- Screw size: M 30
- Recommended torque: up to 1084 Nm
- Max. loosening torque: 1800 Nm
- Air consumption: 206 l/min
- Air inlet thread: 3/8"
- Working pressure: 6.3 bar
- Sound pressure level Lp A: 87 dB(A)
- Cold insulated handle
- Exhaust air is guided through the handle downwards
- Reduced vibrations
- Forward and reverse
- Easy handling
- Coupler plug, nominal size 7.2 included

HAZET No.	Nm max.	1/min	 g	EAN-No. 4000896+
9013 MG	1490	5500	5200	109210

Fuel Supply

Fuel-Line Pliers



- For the operation of **quick release fasteners at the fuel line and at the fuel tank aeration with slight pressure**
on OPEL Corsa B, Astra F, G, Vectra B, Omega B, CHRYSLER Neon 1.8, Stratus 2.0 and 2.5, RENAULT passenger cars since 1997
- Solid plastic body
- Chrome-Vanadium tips
- EP and German registered design

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

Screwdriver for Injection Systems





- For 3 mm inside hexagon screws
- For mixture control at the fuel distributor of K-Jetronic injection systems on VW-AUDI, MERCEDES-BENZ, PORSCHE 924, FORD and BMW
- Extra long style, blade length 295 mm
- Chrome-Vanadium
- Surface chrome-plated, tips burnished

HAZET No.	S mm	l ₂ mm	EAN-No. 4000896+
4516	3	376	021222

Carburettor Screwdriver



- For idle setting screws, mixture control of Pierburg carburetors: BMW, FORD, OPEL, PEUGEOT, RENAULT, MERCEDES-BENZ passenger cars, butterfly valve setting on AUDI 80, VW-Passat 1.3-1.5 l
- Extra long style, blade length 296 mm
- For slotted screws
- Chrome-Vanadium
- Surface chrome-plated, tips burnished

HAZET No.	 mm	 mm	l ₂ mm	EAN-No. 4000896+
4517	0,6	4	360	021239



Source: MAN