

SPECIAL 2022 WORLDWIDE



Das Werkzeug

HAZET
SMART
CASE



AUGMENTED REALITY



Here's how it works:

- 1 Download app for free in the store or from: www.hazet.de
- 2 Scan the title on the app using a smartphone or tablet

Valid from
01/03/2022 to
28/02/2023

HAZET
SMART
RAIL

Assistent[®]

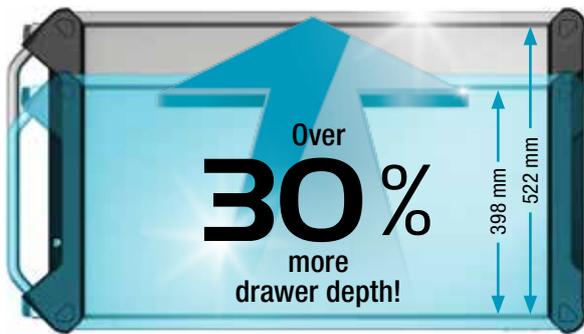
More drawer space for tools due to greater drawer depth!

Made in Germany

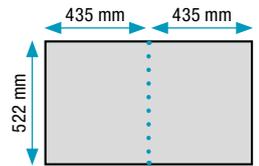


NEW!

AUGMENTED REALITY



Drawer depth comparison:
179NXXL-8D (522 mm)
with 179N series (398 mm)



Upgrade for the tool trolley



Lateral door (optional)

- Lateral door, lockable
- Cable opening in the door (above and below)
- For left or right side panel on 179 NXXL-8D
- Including 2 keys

Made in Germany
179N-21D
EAN-No. 4000896245154

NEW!



Socket strip (optional)

- Can be integrated in the right side panel
- Toggle switch for deactivating the power supply
- Integrated 3-way protective earth socket strip 230 V, 50/60 Hz
- 4 USB ports (4x 2.1 A)
- Cable length: 190 cm

161N-5D
EAN-No. 4000896245161

NEW!



Tool trolley 179NXXL-7/340 with 340 expert tools

Assistent®

340

Including
HiPer
6.3 1/4 10 3/8 12 1/2

5/3+



Assortment



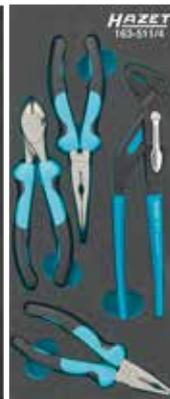
179NXXL-7
Made in Germany
H x W x D
1,020 x 1,133 x 518 mm

With stainless steel work surface
179NXXL-7/340
EAN-No. 4000896215072

163-481/194



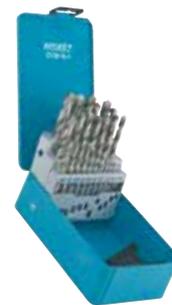
163-511/4



163-480/57



163-510/8

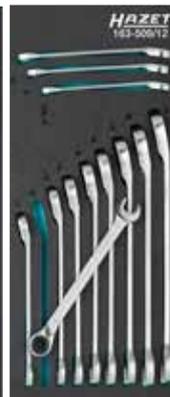


2128N-1

163-478/40



163-509/12



Tool trolley without assortment

- Stainless steel work surface
- Total loading capacity: 1,000 kg (static) / 750 kg (dynamic)
- Drawer loading capacity: 40 kg each
- Drawer slide-out: 100%
- Dead weight: 145 kg
- Drawer internal dimensions: 870 x 398 mm

Made in Germany

HAZET No.	Number of drawers
179NXXL-7	7
179NXXL-8	8

Tool trolley 179NXL-8/321 with 321 expert tools!



Assistent®

Including
HiPer
6.3 1/4 10 3/8 12.5 1/2



Stainless steel
work surface
EDELSTAHL®
Rost
frei



**GERMAN
DESIGN
AWARD
WINNER
2019**

179NXL-6



321

Assortment



179NXL-8
Made in Germany
H x W x D
1,020 x 959 x 518 mm

With stainless steel
work surface

179NXL-8/321
EAN-No. 4000896224395

163-549/160



163-478/40



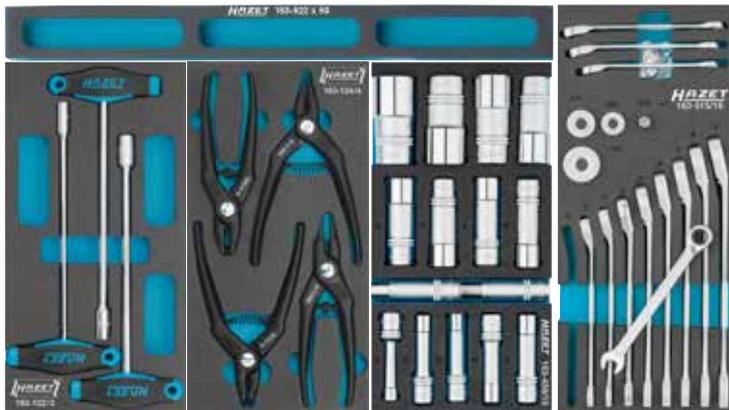
163-480/57



163-479/26



163-522x50



Tool trolley without assortment

- Stainless steel work surface
- Total loading capacity: 1,000 kg (static) / 750 kg (dynamic)
- Drawer loading capacity: 40 kg each
- Drawer slide-out: 100%
- Dead weight: 125 kg
- Drawer internal dimensions: 696 x 398 mm

Made in Germany

HAZET No.	Colour	Number of drawers
179NXL-6		6
179NXL-7		7
179NXL-8		8
179NXL-8-VW		8

163-122/3 163-124/4 163-459/15 12.5 1/2 163-515/16



Tool trolley 179NX-7 / 179N-7 with 137 expert tools



179NX-7

With stainless steel work surface
179NX-7/137
EAN-No. 4000896224463



137

Including **HiPer**

6.3 1/4" 12⁵ 1/2"

179N-7 / 179NX-7
Made in Germany
H x W x D
1,020 x 785 x 518 mm

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

Assortment



179N-7

With plastic work surface
179N-7/137
EAN-No. 4000896215270

Two trolleys to choose from – each with the same assortment!

163-138/77 12⁵ 1/2" 6.3 1/4"



163-374/27



163-141/31



Tool trolley 179N-7 with 220 expert tools



Assistant®

220



Including
HiPer
6.3 1/4 12.5 1/2

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

179N-7
Made in Germany
 H x W x D
 1,020 x 785 x 518 mm



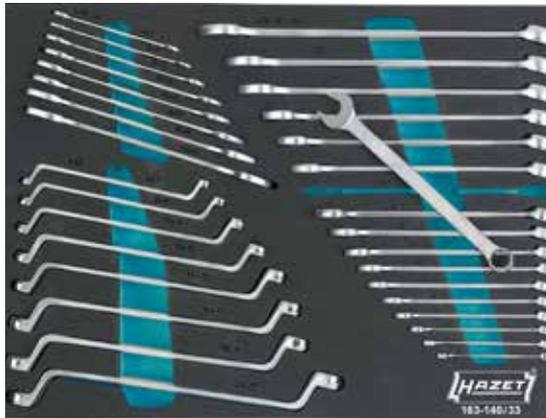
**With plastic
work surface**
179N-7/220

EAN-No. 4000896220267

163-138/77



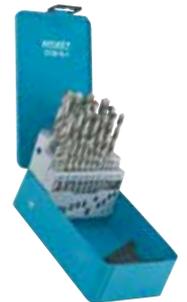
163-140/33



163-141/31



163-143/18



2128N-1



2240N/36

Made in Germany

HAZET No.	Colour	Work surface	Number of drawers
179N-6		Plastic	6
179N-7		Plastic	7
179N-7-RAL3020		Plastic	7
179N-7-RAL9005		Plastic	7
179N-8		Plastic	8
179N-8-RAL7021		Plastic	8
179NX-6		Stainless steel	6
179NX-7		Stainless steel	7
179NX-7-RAL3020		Stainless steel	7
179NX-8		Stainless steel	8

Tool trolleys without assortment

- Stainless steel or plastic work surface
- Total loading capacity: 1,000 kg (static) / 540 kg (dynamic)
- Drawer loading capacity: 25 kg each, drawer opening: 100%
- Dead weight: 90 kg
- Drawer internal dimensions: 522 x 398 mm



179NX-7-RAL3020
Red



179N-7-RAL9005
Matt black



179N-8-RAL7021
Black grey



Tool trolley 178N-7/204 with 204 expert tools

204

Assistent®

Including
HiPer
6.3 1/4 10 3/8 12 1/2

3/3	
-----	--



Assortment



178N-7
Made in Germany
H x W x D
1,037 x 781 x 498 mm

178N-7/204
EAN-No. 4000896228072

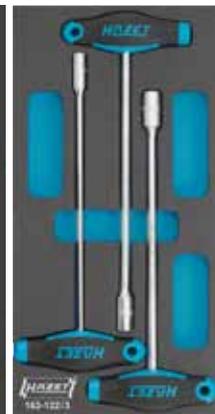
163-329/100



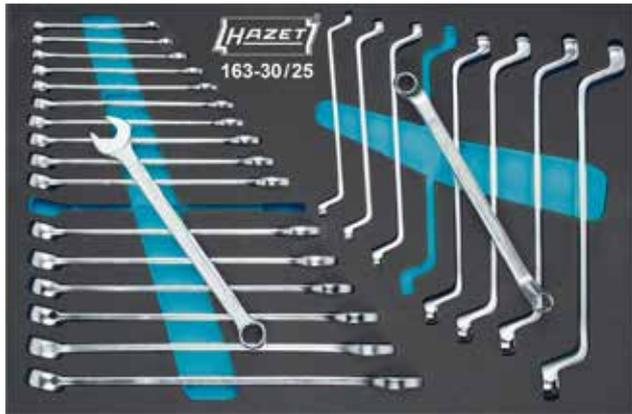
163-407/35



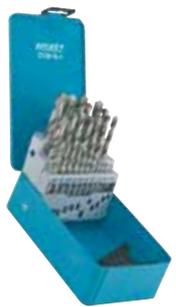
163-122/3



163-30/25



163-330/16



2128N-1

Tool trolley / tool chest without assortment

- Plastic work surface
- Total loading capacity: 480 kg (static) / 480 kg (dynamic)
- Drawer loading capacity: 20 kg each
- Drawer slide-out: 100%
- Dead weight: trolley 74.1 kg / tool chest 33.7 kg
- Drawer internal dimensions: 527 x 348 mm

Made in Germany

HAZET No.	Number of drawers
178N-7	7
178N-10	10
178NK-3	3



178N-7



178N-10
H x W x D
1,410 x 781 x 498 mm



178NK-3
H x W x D
390 x 696 x 488 mm

Work bench 179NW-7/230 with 230 expert tools



230

Assistant®

Including
HiPer
6.3 1/4 10 3/8 12^S 1/2

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



Assortment



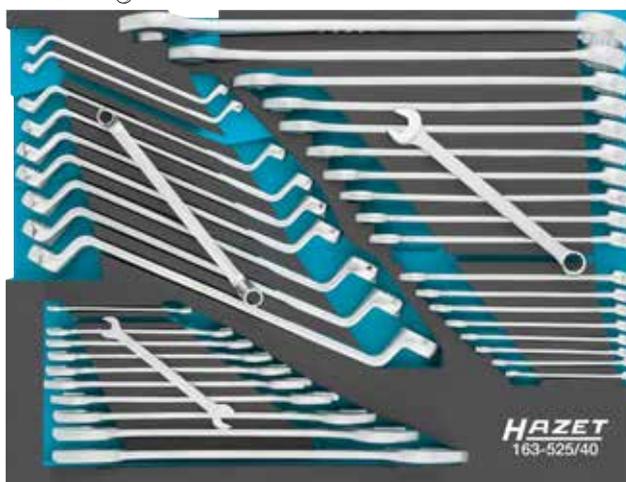
179NW-7
Made in Germany
H x W x D
964 x 1,150 x 600 mm

179NW-7/230
EAN-No. 4000896219605

163-513/122



163-525/40



163-526/41



163-372/25



Work bench without assortment

- Wood multiplex birch work surface
- Total loading capacity: 1,000 kg (static) / 750 kg (dynamic)
- Drawer loading capacity: 25 kg each, bottom drawer 40 kg
- Drawer slide-out: 100%
- Dead weight: 120 kg

Made in Germany

HAZET No.	Number of drawers
179NW-7	7



- Drawer internal dimensions: 522 x 398 mm
- Includes fixed mounted door. Only one lock for door and drawers
- Flexible vice assembly (front, right, left) e.g. HAZET 2175N according to drilling template specification
- Cable duct on rear panel allows battery devices to be charged when the door is closed, for instance



Tool trolley / work bench accessories

HAZET No.	Designation	Tool catalogue 2022
179N-33	Paper bin incl. holder	Page 49
161N-3D/2	Cable drum incl. holder	Page 47
161N-3D	Cable drum (without holder)	Page 47
179N-45	Tray holder	Page 50
179N-35	Can holder	Page 49
179N-46	Impact wrench holder	www.hazet.de
179NW-11	Machinist's vice fastening set	www.hazet.de
179N-42	Laptop holder for 179N · 179NX · 179NXL · 179NXXL	Page 49
179-35	Can holder	Page 48
180-24	Document holder	Page 51

More information in the 2022 tool catalogue from page 47

HAZET No.	Designation	Tool catalogue 2022
179N-21	Lateral door for 179N · 179NX · 179NXL · 179NXXL	Page 49
180-34	Holder for paper reel	Page 51
179N-19	Small parts collector	Page 49
179 N-26	Perforated tool panel for 179N · 179NX	Page 49
179N-75	Vice fastening for machinist's vice 2175N	Page 50
179N XL-26	Perforated tool panel for 179N XL	Page 50
179N XXL-26	Perforated tool panel for 179N XXL	Page 50
179N-21D	Lateral door for 179NXXL-8D	SWW page 2
161N-5D	Socket strip for 179NXXL-8D	SWW page 2

NEW!

L-Boxx bracket for lateral installation on tool trolleys

- Maximum load per L-Boxx: 15 kg



NEW!

L-Boxx brackets mounted to the trolley for illustration. Delivery without trolley and L-Boxx.



Bracket for one L-Boxx

- For attachment to tool trolleys 179N · 179NX · 179NXL · 179NXXL · 179NW · 179NXXL-8D
- Dimensions: 528 x 144 x 50 mm

179N-50

EAN-No. 4000896243068

Bracket set for two L-Boxx

- Bracket with two bracing surfaces
- For attachment to tool trolleys 179 · 179XL · 179XXL · 179N · 179NX · 179NXL · 179NXXL · 179NXXL-8D · 179NW
- Optionally extendable with 179N-510 for three L-Boxxes
- Dimensions: 515 x 441 x 496 mm
- **Contents:**
 - 1x bracket
 - 2x bracing surfaces (179N-510)

179N-51

EAN-No. 4000896243051

3

Bracing surface for L-Boxx bracket 179N-51

- Bracing surface for installing a third L-Boxx on L-Boxx bracket 179N-51
- Installation only on tool trolleys 179XL · 179XXL · 179NXL · 179NXXL · 179NW · 179NXXL-8D
- Dimensions: 441 x 409 x 86 mm

179N-510

EAN-No. 4000896243075

Supplement:

L-Boxx – The tool case

- Patented click system connects the L-Boxx to other L-Boxxes easily and reliably
- Storage and transport of high-quality tools
- Extremely robust due to impact and shock resistant ABS plastic
- Cover loading capacity: up to 100 kg
- Loading capacity of the carrying handles (loading content): 25 kg
- Ergonomic transport handles on head and side panels
- With labeling fields
- Dirt repellent and easy to clean

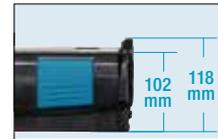


190L-102



190L-136

HAZET No.	External dimensions mm L x W x H	Internal dimensions mm L x W x H	Volume (litres)	kg	EAN-No. 4000896 +
190L-102	445 x 358 x 118	378 x 313 x 65	8.8	2.1	237609
190L-136	445 x 358 x 152	378 x 310 x 101	13.3	2.2	237616



Tool set in L-Boxx



Incl. 2200SC-1

HAZET SMART CASE



190L-136

Perfect for handicrafts!



190L-136/83
EAN-No. 4000896243303



THE NEW SMARTCASE PRODUCT WORLD ...

**SCAN QR-CODE NOW
AND DISCOVER MORE INFORMATION,
VIDEOS AND APPLICATIONS!**

www.hazet.de/smartcase



BE SMART. IN ANY CASE.

HAZET SMART CASE



**GERMAN
INNO
VATION
AWARD '21
WINNER**

**AUGMENTED
REALITY**



Innovative concept of a compact, foldable tool set

Overview of contents using icons, quick recognition of the set content

Can be folded flat or stood up (similar to a tablet case)



1/4" screwdriver bit and offset screwdriver set, 69 pieces, 130 mm

**SMART CASE
DESIGNED & PRODUCED
IN GERMANY**



Assortment

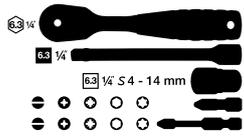


0.4 x 1.5 mm

Incl. small screwdriver bit (slot) for e.g. glasses repair

2200SC-1
EAN-No. 4000896239252

1/4" socket and screwdriver bit set, 50 pieces, 130 mm



130 mm

Assortment



6.3 1/4 6.3 1/4 6.3 1/4

Incl.
863HPB

HiPer



6.3 1/4



2200SC-2

EAN-No. 4000896239603



SMART CASE
DESIGNED & PRODUCED
IN GERMANY

1/4" screwdriver bit set, 96 pieces, 130 mm



130 mm

Assortment



6.3 1/4

NEW!



2200SC-3

EAN-No. 4000896244522



Available in April 2022!



SMART RAIL
DESIGNED & PRODUCED
IN GERMANY



THE NEW SMARTRAIL PRODUCT WORLD ...

**SCAN QR-CODE NOW
AND DISCOVER MORE INFORMATION,
VIDEOS AND APPLICATIONS!**

www.hazet.de/smartrail



**HAZET
SMART
RAIL**

NEW!

- Magnetic underside ensures perfect hold on all magnetic surfaces, e.g. tool trolleys, tool walls, machines, lifting platforms and in drawers
- Flexible plastic connector strip with 1/2" square slots
- Easy to clean material and pleasant surface feel
- Durable, robust twist lock for a tight fit and instant access
- More securely fixed when locked: turn socket left to remove
- Incl. robust metal lug for hanging, e.g. on a hook

**AUGMENTED
REALITY**



SmartRail available for holding 5 or 8 sockets



900SR-5

EAN-No. 4000896244508

SmartRail with 5 slots

- Dimensions: L: 245 x W: 37.4 x H: 29.2 mm



900SR-8

EAN-No. 4000896244515

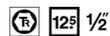
SmartRail with 8 slots

- Dimensions: L: 365 x W: 37.4 x H: 29.2 mm

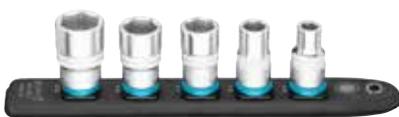
SmartRail socket sets (5 pieces)

1/2" hexagon, short

- s 10 · 13 · 17 · 19 · 22 mm
- Length: 38 mm



5



Made in Germany

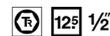
900-SR/5

EAN-No. 4000896245239

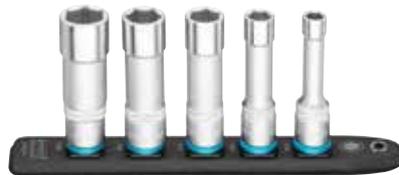


1/2" hexagon, long

- s 10 · 13 · 17 · 19 · 22 mm
- Length: 85 mm



5



Made in Germany

900LG-SR/5

EAN-No. 4000896245246



1/2" impact socket, short

- s 13 · 17 · 19 · 22 · 24 mm
- Length: 38 mm



5



Made in Germany

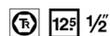
900S-SR/5

EAN-No. 4000896245260



1/2" impact socket, long

- s 13 · 17 · 19 · 22 · 24 mm
- Length: 85 mm



5



Made in Germany

900SLG-SR/5

EAN-No. 4000896245277



1/2" impact socket with rim guard

- s 17 (3x) · 19 (2x) mm
- Length: 85 mm



5



Made in Germany

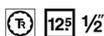
903SLG-SR/5

EAN-No. 4000896245253

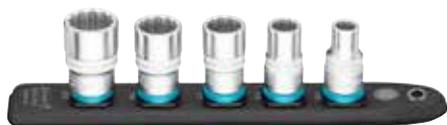


1/2" 12-point, short

- s 10 · 13 · 17 · 19 · 22 mm
- Length: 38 mm (s 22: 41.5 mm)



5

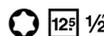


Made in Germany
900Z-SR/5
EAN-No. 4000896245291



1/2" TORX®, short

- s T30 · T40 · T45 · T50 · T55
- Length: 55 mm (T55: 56 mm)



5

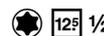


Made in Germany
992T-SR/5
EAN-No. 4000896245307



1/2" E-TORX®, short

- s E12 · E14 · E16 · E18 · E20
- Length: 38 mm



5

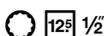


Made in Germany
900E-SR/5
EAN-No. 4000896245314



1/2" serration, short

- s M6 · M8 · M10 · M12 · M14
- Length: M6: 52 mm / M8-M10: 53 mm / M14: 58 mm



5

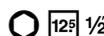


Made in Germany
990-SR/5
EAN-No. 4000896245284



1/2" inside hexagon, short

- s 5 · 6 · 7 · 8 · 10 mm
- Length: 60 mm



5

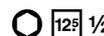


Made in Germany
986K-SR/5
EAN-No. 4000896245321



1/2" inside hexagon, short

- s 12 · 14 · 17 · 19 · 22 mm
- Length: 60 mm



5



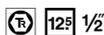
Made in Germany
986G-SR/5
EAN-No. 4000896245338



SmartRail socket sets (8 pieces)

1/2" hexagon, short

- s 10 · 13 · 16 · 17 · 18 · 19 · 22 · 24 mm
- Length: 38 mm (s 22: 41.5 mm / s 24: 44 mm)



8

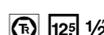


Made in Germany
900-SR/8
EAN-No. 4000896245369



1/2" impact socket set, short

- s 13 · 17 · 18 · 19 · 21 · 22 · 24 · 27 mm
- Length: 38 mm (s 19-22: 40 mm / s 24: 44 mm / s 27: 45 mm)



8

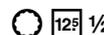


Made in Germany
900S-SR/8
EAN-No. 4000896245345

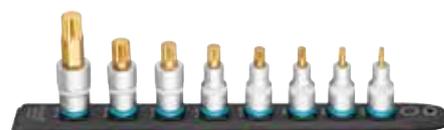


1/2" serration, short

- s M5 · M6 · M8 · M10 · M12 · M14 · M16 · M18
- Length: M5-M6: 52 mm / M8-M10: 53 mm / M12: 55 mm / M14: 58 mm / M16: 60 mm / M18: 85 mm



8

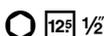


Made in Germany
990-SR/8
EAN-No. 4000896245352



1/2" inside hexagon, short

- s 6 · 7 · 8 · 9 · 10 · 12 · 14 · 17 mm
- Length: 60 mm



8

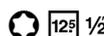


Made in Germany
986-SR/8
EAN-No. 4000896245390



1/2" TORX®, short

- s T20 · T25 · T30 · T40 · T45 · T50 · T55 · T60
- Length: 55 mm (T55-T60: 56 mm)



8

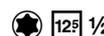


Made in Germany
992T-SR/8
EAN-No. 4000896245376



1/2" E-TORX®, short

- s E10 · E11 · E12 · E14 · E16 · E18 · E20 · E24
- Length: 38 mm (E24: 41.2 mm)



8



Made in Germany
900E-SR/8
EAN-No. 4000896245383



1/4" screwdriver bit sets



36



2240N/36

EAN-No. 4000896187614

			s 0.6 x 4.5 · 0.8 x 5.5 · 1 x 6 mm
			PH 1 (3x) · PH 2 (2x) · PH 3
			PZ 1 (3x) · PZ 2 (3x) · PZ 3
			s 3 · 4 · 5 · 6 mm
			T10 · T15 (2x) · T20 (2x) · T25 (2x) · T27 · T30 (2x) · T40 (2x)
			T20H · T30H
			Bit adapter



51



2240N/51

EAN-No. 4000896187607

			s 0.5 x 4 · 0.6 x 4.5 · 0.8 x 5.5 · 1 x 6 mm
			PH1 (4x) · PH2 (4x) · PH3 (2x)
			PZ1 (3x) · PZ2 (3x) · PZ3
			s 2 · 2.5 · 3 · 4 · 5 · 6 mm
			T6 · T7 · T8 · T9 · T10 · T15 (2x) · T20 (2x) · T25 (2x) · T27 (2x) · T30 (2x) · T40 (2x)
			T10H · T15H · T20H · T25H · T27H · T30H
			Bit adapter

1/4" ratcheting bit screwdriver with built-in magazine

- Ratchet function is convertible or for use as normal screwdriver
- Bit magazine is easy to open by pressing a button while pulling
- Comfortable to hold, offers effective impact
- Length: 170 mm (closed, without extension)



Push button to open the magazine

Incl. extension (80 mm) 810R-2



1/4" ratcheting bit screwdriver set



14

810R-3

EAN-No. 4000896239658

- Contents:**
- Ratcheting bit screwdriver 810R-1
 - Extension 810R-2
 - 12x bits

			0.5 x 4.0 · 1.2 x 6.5 mm
			PH 1 · PH 2
			PZ 1 · PZ 2
			s 4 · 5 · 6 mm
			T15 · T20 · T25

1/4" ratcheting bit screwdriver set



14

810R-4

EAN-No. 4000896239665

- Contents:**
- Ratcheting bit screwdriver 810R-1
 - Extension 810R-2
 - 12x bits

			0.8 x 5.5 mm
			PH 2 · PH 3
			s 3 · 4 · 5 · 6 mm
			T15 · T20 · T25 · T27 · T30



810BHK



2239N-6



HAZET No.	Designation	Bayonet fitting	l mm	EAN-No. 4000896+
810BHK	Bit holder	✓	98	237579
2239N-6	Bit adapter	✓	60	238934

Screwdriver sets

Pliers



Slot / Phillips



810/6

EAN-No. 4000896058808



4 x		0.5x3.0 · 0.8x4.0 · 1.0x5.5 · 1.2x6.5 mm
2 x		PH 1 · PH 2

TORX®



810T/6

EAN-No. 4000896204304



6 x		T10 · T15 · T20 · T25 · T27 · T30
-----	--	-----------------------------------

Impact cap



810U-1/5

EAN-No. 4000896179572



3 x		0.8x4.5 · 1.0x5.5 · 1.2x7 mm
2 x		PH 1 · PH 2

HEXAnamic®



802/5

EAN-No. 4000896147359



3 x		0.8x4.0 · 1.0x5.5 · 1.2x6.5 mm
2 x		PH 1 · PH 2

Universal pliers with quick-adjust lever

- Comfortable quick adjustment thanks to tip/step lever function
- Adjustment without re-gripping – one-hand actuation possible



Made in Germany

HAZET No.	l mm	EAN-No. 4000896 +	
760-2	260	188451	

Pliers set



Made in Germany

HAZET No.	l mm	EAN-No. 4000896 +	
1859SPC/3	250 · 165 · 160	179039	



THE NEW HIPER PRODUCT WORLD ...

SCAN QR-CODE NOW
AND DISCOVER MORE INFORMATION,
VIDEOS AND APPLICATIONS!

www.hazet.de/hiper

HiPer
HIGH PERFORMANCE
THE ORIGINAL
MADE IN GERMANY



1/2"
916HPLG
1,000 Nm
Telescoping



reddot winner 2020

1/2"
916HPL
1,000 Nm



1/2"
916HP
1,000 Nm

3/8"
8816HP
400 Nm

1/4"
863HP
120 Nm

1/4" \square
863HPB
120 Nm

HiPer – Our classics

- A lot more power than with ratchets of the same dimensions
- HAZET internal quality standards guarantee loading capacity far beyond standard requirements
- 90 teeth, 4° fine toothed for confined spaces
- Locking function of the lever prevents unwanted switch
- Surface: chrome-plated, polished

MADE IN GERMANY

HAZET No.	■	Nm	l mm	EAN-No. 4000896 +
863HPB	6.3 $\frac{1}{4}$ "	120	116	235346
863HP	6.3 $\frac{1}{4}$ "	120	116	226917
8816HP	10 $\frac{3}{8}$ "	400	200	235063
916HP	12.5 $\frac{1}{2}$ "	1,000	275	213894
916HPL	12.5 $\frac{1}{2}$ "	1,000	415	219209
916HPLG	12.5 $\frac{1}{2}$ "	1,000	414 – 614	233076

"Carpenters often do not work in workshops, but rather outdoors. Robust tools should be able to withstand these tougher conditions!"

Holger and Lena

Carpenters Industry story Website

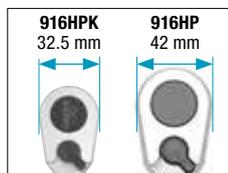


1/2" HiPer – fine-tooth reversible ratchet, short

12.5 $\frac{1}{2}$ "

NEW!

- Short style, only 200 mm, same compact design as a 3/8" ratchet
- Integrated suspension option in the handle
- Locking function of the lever prevents unwanted switch
- Small operating angle (4°) enables use in the tightest of spaces
- Number of teeth: 90
- With locking ball
- For manual operation



HAZET No.	■	Nm	l mm	EAN-No. 4000896 +
916HPK	12.5 $\frac{1}{2}$ "	400	200	244379

HiPer – with safety locking

- Loosening-proof locking thanks to push button actuation
- Attached tools can easily be released by pressing the button with just one hand



MADE IN GERMANY

HAZET No.	■	Nm	l mm	EAN-No. 4000896 +
863HPS	6.3 $\frac{1}{4}$ "	100	116	237234
8816HPS	10 $\frac{3}{8}$ "	340	200	237241
916HPS	12.5 $\frac{1}{2}$ "	850	275	237258

1/4" HiPer socket set

6.3 1/4" 6.3 1/4" 6.3 1/4" 38



180 x 98 x 52 mm



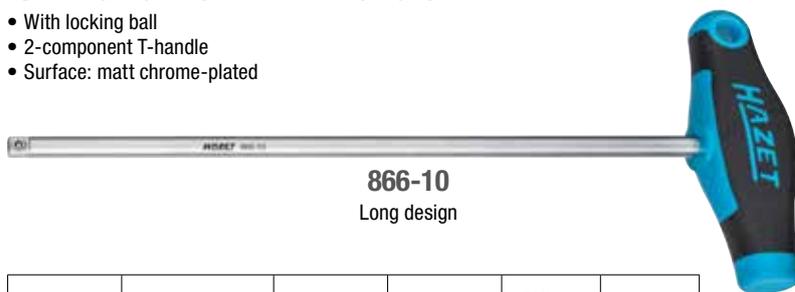
856-1HP

EAN-No. 4000896233380

1x	6.3 1/4"		—	863HP HiPer 120 Nm
1x	6.3 1/4"		—	Spin type speeder
10x			6.3 1/4"	s 5.5 · 6 · 7 · 8 · 9 · 10 · 11 · 12 · 13 · 14 mm
2x	6.3 1/4"		6.3 1/4"	55 · 101.5 mm
5x			6.3 1/4"	3 · 4 · 5 · 6 · 7 mm
3x			6.3 1/4"	0.6 x 4.5 · 1.2 x 6.5 · 1.2 x 8 mm
3x			6.3 1/4"	PH 1 · PH 2 · PH 3
3x			6.3 1/4"	PZ 1 · PZ 2 · PZ 3
7x			6.3 1/4"	T10H · T15H · T20H · T25H · T27H · T30H · T40H
1x	6.3 1/4"		6.3 1/4"	Adapter
1x	6.3 1/4"		6.3 1/4"	Adapter
1x	6.3 1/4"		6.3 1/4"	Universal joint

1/4" nut-driver with T-handle

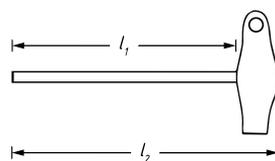
- With locking ball
- 2-component T-handle
- Surface: matt chrome-plated



6.3 1/4"



HAZET No.	Output	l_1 mm	l_2 mm	EAN-No. 4000896 +
866-10	6.3 1/4"	266	300	241842
866-4	6.3 1/4"	100	134	242979



Adapter set

- With locking ball

- 12.5 1/2" 20 3/4"
- 20 3/4" 12.5 1/2"
- 12.5 1/2" 10 3/8"
- 10 3/8" 12.5 1/2"
- 10 3/8" 6.3 1/4"
- 6.3 1/4" 10 3/8"
- 6.3 1/4" 6.3 1/4"



Made in Germany

958/7

EAN-No. 4000896204595

Combination wrench sets

600SPC



600LG



Made in Germany

HAZET No.	Contents		EAN-No. 4000896 +
600SPC/10	s 8 · 10 · 12 · 13 · 14 · 15 · 16 · 17 · 18 · 19 mm	10	118465
600SPC/16	s 7 · 8 · 9 · 11 · 10 · 12 · 13 · 14 · 15 · 16 · 17 · 18 · 19 · 21 · 22 · 24 mm	16	186235
600LG/10	s 10 · 11 · 12 · 13 · 14 · 15 · 16 · 17 · 18 · 19 mm	10	218424
600LG/13	s 10 · 11 · 12 · 13 · 14 · 15 · 16 · 17 · 18 · 19 · 21 · 22 · 24 mm	13	218417



Assistent®

3/3+

70

Stainless steel work surface
EDELSTAHL®
Rostfrei



179NX-7-RAL3020
 Made in Germany
 H x W x D
 1,020 x 785 x 518 mm

179NX-7/70KV
 EAN-No. 4000896235483



163-542/18 ● s 7 – 32 mm



163-172x50

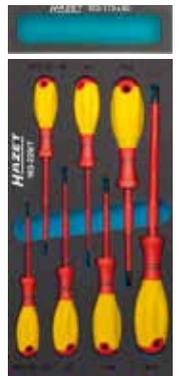


163-226/4

163-545/41 10 3/8
 10 3/8 ● 6 – 22 mm, T10 – T50, LG-T10 – LG-T50



163-172x50



163-229/7 10 3/8

High-voltage screwdriver set for electricians, with protective insulation

- Ergonomically shaped HAZET 2-component handle (red/yellow)
- Voltmeter (839-1), 220 – 250 V according to DIN VDE 06800-6



●	810VDE	0.4x2.5 · 0.6x3.5 · 0.8x4 mm
●	839-1	0.5x2.8 mm
●	810VDE	PH 1 · PH 2

810/6VDE
 EAN-No. 4000896179329

High-voltage torque wrench, with protective insulation

- Can be calibrated
- Long service life / high accuracy
- Option of: - Removal - Repair (if necessary) - Installation - Adjustment - Calibration
- Note: adjustment, possible repairs with removal/installation of the KV torque wrench **only** in the HAZET Service Center
- Suitable for control of inspection and test equipment
- Sustainable and environmentally sound
- Safe: palpable (close-gap release), audible ("click" sound)
- **Right/left release** with plug-in square, tightening at torque setting both to the right and to the left within the specified tolerance
- Low weight for good handling and fatigue-free work
- DIN EN ISO 6789-2:2017, Square according to DIN 3120, ISO 1174-1, IEC 60900:2018



10 3/8 125 1/2

Made in Germany

HAZET No.	Output	l mm	Tolerance %	Nm	Nm	kg	EAN-No. 4000896 +
5108KV	10 3/8	275	6	2 – 10	0.2	1.0 – 5.0	235421
5109KV	10 3/8	305	4	5 – 25	0.25	2.1 – 11.0	235445
5121KV	125 1/2	420	4	20 – 120	1	6.0 – 37.4	233397



3/8" high-voltage tool set, with protective insulation

- For all work on HV systems
- Produced according to current DIN specifications
- Optimal protection and highest level of safety thanks to constant quality control
- Delivery in HAZET L-Boxx – all tools ready to hand
- Maintenance and repair on passenger cars with electric drives, such as **VW · AUDI · BMW · MERCEDES-BENZ · TESLA · TOYOTA** etc.
- **TIP!** For retrofitting: Recess for HAZET 3/8" high-voltage torque wrench 5109KV (5 – 25 Nm) intended (See page 22)

10 3/8 10 3/8

27



NEW!

Universally applicable for all work on high-voltage systems in trade and industry as well as on electric and hybrid vehicles



190L-136



10 3/8



10 3/8

Length: 142 mm (2x)



10 3/8

s 13 · 14 · 16 · 17 · 19 mm



s 13 · 17 · 19 mm



s 13 · 17 · 19 mm



0.4x2.5 · 0.8x4 mm



PH 1 · PH 2



(2x)



(2x)

150/27

EAN-No. 4000896245550



"Quality is evident in every HAZET tool we use as electricians. They are extremely resilient and just feel good to use!"

Alex



Electricians Industry story Website





THE NEW 5000-3CT PRODUCT WORLD ...

**SCAN QR-CODE NOW
AND DISCOVER MORE INFORMATION,
VIDEOS AND APPLICATIONS!**

www.hazet.de/5000-3CT

SYSTEM 5000-3CT

1/4" torque wrench with screwdriver bit ratchet

- With $\frac{3}{16}$ " reversible ratchet for screwdriver bits for particularly limited spaces
- For e.g. maintenance and service work on the burner flange or the electrodes on compact modules for condensing and combi gas boilers
- For two-wheelers, particularly recommended for aluminium and carbon parts as well as for plastic add-on parts or cladding for motorcycles, scooters and bicycles



Germany Made in Germany

HAZET No.	Output	l mm	a mm	b mm	Tolerance %	Nm	Nm		EAN-No. 4000896+
5107B-3CT	$\frac{3}{16}$ "	234	10.2	24	4	1-9	0.1	0.6-5.5	244584
5108B-3CT	$\frac{3}{16}$ "	234	10.2	24	3	2.5-25	0.25	1.4-15.3	244591

Torque wrench with reversible ratchet

- Recessed zones in the handle ensure optimum force transmission and non-slipping thanks to more grip
- Adjustment aid with detent points for optimised operator guidance ensures safe and fast adjustment of the desired torque value by turning the handle
- Safe locking of the setting values by latching function on the blue rotary assembly
- Lock symbols indicate the respective locking status
- Can be attached to the cable loop through openings on the blue rotary assembly
- Trigonometric shape of the blue rotary assembly prevents uncontrolled rolling away
- Optimised sealing ring to protect against debris
- Accuracy $\pm 3\%$ of scale value (in direction of actuation for right-hand tightening) / 5107-3 CT $\pm 4\%$ accuracy of scale value
- Laser lettering of the metallic scale sleeve and scale ensures permanent legibility
- Integrated shift lever with free-running function for the measuring ranges 20 - 320 Nm reduces the risk of injury and malfunction (5121-3CT, 5122-3CT, 5123-3CT)
- Tested according to DIN EN ISO 6789-2:2017 with calibration certificate and serial number
- Outside square according to DIN 3120, ISO 1174-1
- Delivery in sturdy Hexa plastic box



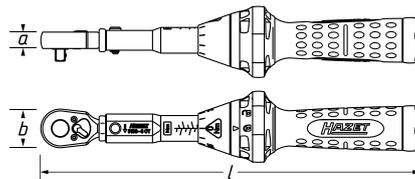
SYSTEM 5000-3CT



6.3 1/4" 10 3/8" 12.5 1/2" 20 3/4"



Germany Made in Germany



Germany Made in Germany

HAZET No.	Output	l mm	a mm	b mm	Tolerance %	Nm	Nm		EAN-No. 4000896+
5107-3CT	6.3 1/4"	234	10.2	24	4	1-9	0.1	0.6-5.5	218875
5108-3CT	6.3 1/4"	234	10.2	24	3	2.5-25	0.25	1.4-15.3	218882
5110-3CT	10 3/8"	320	14.5	32	3	10-60	0.5	3.9-25.0	218899
5111-3CT	10 3/8"	375	14.5	32	3	20-120	1	6.9 - 43.5	235384
5120-3CT	12.5 1/2"	320	14.5	32	3	10-60	0.5	3.9-25.0	218905
5121-3CT	12.5 1/2"	421	19.6	44	3	20-120	1	6.1-38.0	218912
5122-3CT	12.5 1/2"	519	19.6	44	3	40-200	1	9.4-49.5	219001
5123-3CT	12.5 1/2"	628	19.6	44	3	60-320	2	11.3-62.2	218998
5143-3CT	12.5 1/2"	790	28.5	64	3	100-400	2.5	14.8 - 60.3	235407
5145-3CT	20 3/4"	1271	28.5	64	3	300-800	2.5	26.2-71.0	218929

SYSTEM 7000 sTAC

SmartTAC

Made in Germany

Electronic torque wrench with built-in angle gauge for highly precise screwing applications with Smart technology – Ready for Industry 4.0

- HAZET Smart Technology consisting of a SmartTAC app and Low Energy Bluetooth Interface
- Live data exchange for displaying the bolting process on mobile devices
- Programming torque wrenches with built-in angle gauge and documentation of the screw data via laptop and PC with SmartTAC tool 7910-sTAC
- All sTAC torque wrenches with built-in angle gauges can also be used autonomously, without SmartTAC app



Explanatory video



SmartTAC Tool
7910-sTAC

SmartTAC-Tool (7910-sTAC) is the paid programming and analysis software

SmartTAC App

Free for Android and iOS

Simply download in the app store

More information in the tool catalogue 2022, page 296

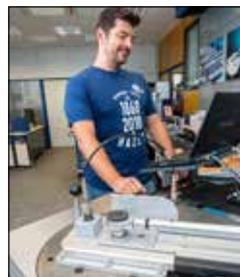
DAkkS calibration laboratory – Competence for calibration of torque and rotation angles



Deutsche
Akkreditierungsstelle
D-K-17638-01-00



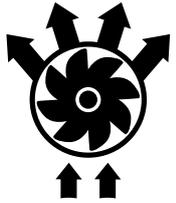
- Accredited according to DIN EN ISO/IEC 17025 for measured values:
 - Torque (DIN EN ISO 6789-2:2017)
 - Rotation angle (VDI/VDE 2648 page 2; without item 4.2)
- Complies with special demands of ISO/TS 16949 for calibration laboratories (mandatory requirement for all suppliers of the automotive industry)
- HAZET-owned calibration laboratory guarantees optimal technical calibration competence by accreditation
- Authorised to issue calibration certificates



Twin Turbo

Technology by HAZET

Twin Effect – More power in shorter time!



1/2"

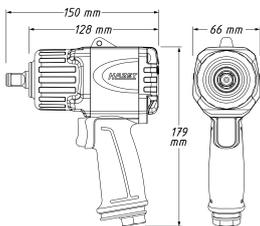


9012TT

Max. loosening torque: **2,200 Nm****

Short - only 128 mm!

** Determined with screw size M16



1/2"



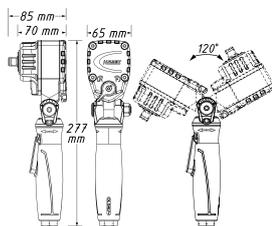
9012ATT

Max. loosening torque: **550 Nm****

Swivel head: 120°

Short - only 70 mm!

** Determined with screw size M16



3/4"

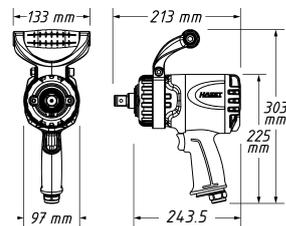


9013TT

Max. loosening torque: **4,100 Nm****

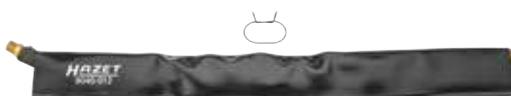
Short - only 184 mm!

** Determined with screw size M32



HAZET No.	Max. Nm	rpm	kg	l/min	dB(A) Lp A	m/s ²	Icon	Icon	Icon	Icon	EAN-No. 4000896 +
9012TT	2,200	8,300	1.6	147.2	99.7	8.69	✓	12.91 (1/4")	7.2	✓	226924
9012ATT	550	8,000	1.3	113	90.1	4.89	✓	12.91 (1/4")	7.2	✓	234738
9013TT	4,100	5,200	4.5	243.5	99.5	10.69	✓	12.91 (1/4")	7.2	✓	227143

Low noise hoses



HAZET No.	Air inlet (Inside thread)	Air outlet (Outside thread)	l mm	EAN-No. 4000896 +
9040-012	19.21 mm (1/4")	19.21 mm (1/4")	540	232987
9040-013	19.21 mm (1/4")	16.41 mm (5/8")	540	232994



**SCAN QR-CODE NOW
AND DISCOVER MORE INFORMATION,
VIDEOS AND APPLICATIONS!**

www.hazet.de/twinturbo



Strongest HAZET impact wrench series ever!



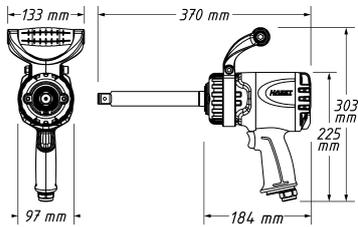
3/4"

9013LGTT

**Max. loosening torque:
3,800 Nm****

Long spindle: 186 mm!

** Determined with screw size M32



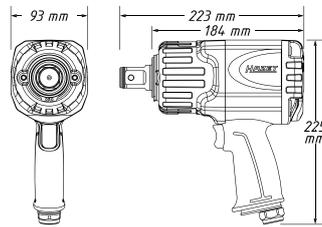
1"

9014TT

**Max. loosening torque:
4,100 Nm****

Super strong and handy,
only 4.6 kg!

** Determined with screw size M32



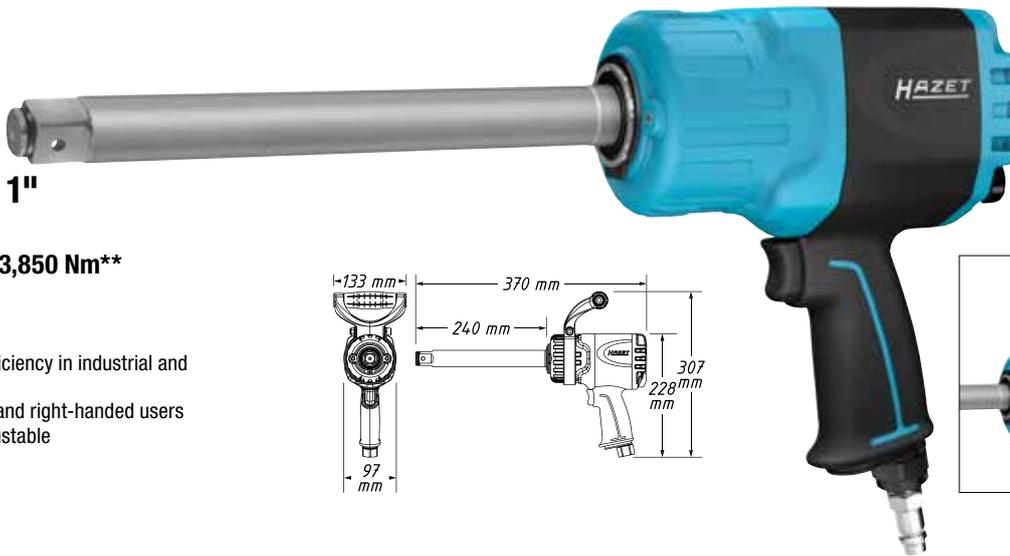
9014LGTT

Max. loosening torque: 3,850 Nm**

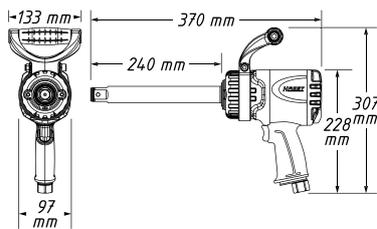
Long spindle: 240 mm

- Long service life and high efficiency in industrial and automotive applications
- One-hand operation for left- and right-handed users
- Removable handle, 360° adjustable

** Determined with screw size M32



1"

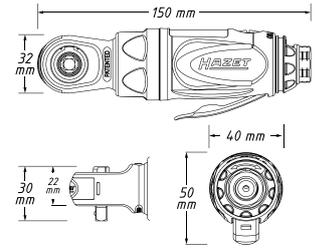


HAZET No.	■	↺ Max. Nm	rpm	⚖ kg	🔧 l/min	👂 dB(A) Lp A	👉 m/s ²	👤	🔩	🔩	🔩	EAN-No. 4000896+
9013LGTT	20 3/4"	3,800	5,200	5.5	243.5	102.5	9.02	✓	16.41 (5/8")	7.2	✓	232277
9014TT	25 1"	4,100	5,200	4.6	235	101.9	19.11	✓	20.67 (1/2")	10	✓	234684
9014LGTT	25 1"	3,850	4,600	5.9	235	102.5	17.31	✓	20.67 (1/2")	10	✓	234677

Mini air ratchets

1/4" 9020P-2

- Max. loosening torque: 40 Nm
- For hand retightening with torque values > 60 Nm



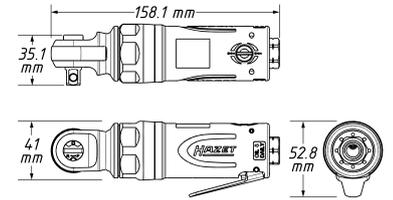
3/8" 9021P-2

- Max. loosening torque: 54 Nm
- For hand retightening with torque values > 260 Nm

Impact ratchet

3/8" 9021SR-1

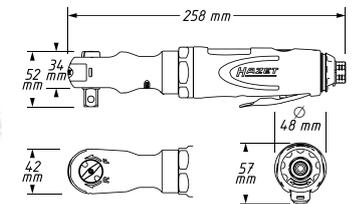
- Max. loosening torque: 68 Nm
- For hand retightening with torque values > 260 Nm



Air ratchet

1/2" 9022P-2

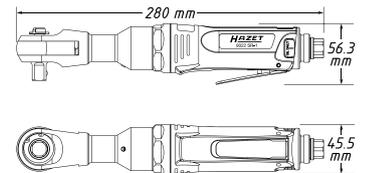
- Max. loosening torque: 108 Nm
- For hand retightening with torque values > 400 Nm



Impact ratchet

1/2" 9022SR-1

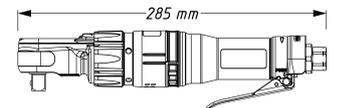
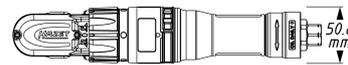
- Max. loosening torque: 102 Nm
- For hand retightening with torque values > 270 Nm



High performance air ratchet

1/2" 9022-360

- Max. loosening torque: 120 Nm
- For hand retightening with torque values > 500 Nm (competitive product: approx. 250 Nm)



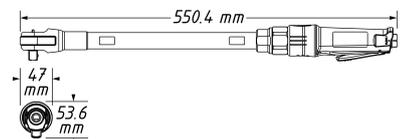
360° rotatable operating lever



Extra long air ratchet

1/2" 9022P-XLG

- Max. loosening torque: 94.8 Nm
- For hand retightening with torque values > 400 Nm



HAZET No.	■	max. Nm	rpm	kg	l/min.	db(A) Lp A	m/s ²	🔑	🔧	EAN-No. 4000896 +
9020P-2	6.3 1/4"	40	250	0.5	72	90	3.30	✓	12.91 (1/4") 7.2	184323
9021P-2	10 3/8"	54	300	0.5	103	92	3.9	✓	12.91 (1/4") 7.2	184545
9021SR-1	10 3/8"	68	500	0.7	68	82	9.84	✓	12.91 (1/4") 7.2	218295
9022P-2	12.5 1/2"	108	280	1.2	113	99	9.1	✓	12.91 (1/4") 7.2	184538
9022SR-1	12.5 1/2"	102	400	1.3	113	91	4.53	✓	12.91 (1/4") 7.2	170593
9022-360	12.5 1/2"	120	200	1.5	107.6	91.2	4.87	✓	12.91 (1/4") 7.2	209781
9022P-XLG	12.5 1/2"	94.8	160	2.1	99.12	93.7	5.6	✓	12.91 (1/4") 7.2	222513

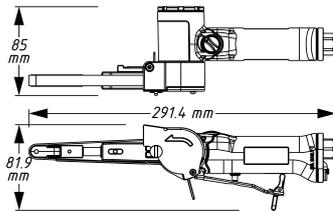
Belt sander

- Including three abrasive belts 330 x 10 mm (grain size 80, 100, 120)
- For narrow surfaces (belt width 10 mm)
- Locking device for quick belt changing
- Continuous speed regulation via speed regulator on back of handle
- Automatic belt adjustment

9033N-4



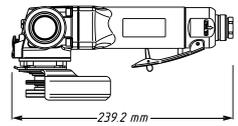
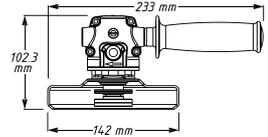
Abrasive belts



Right-angle grinder

- For areas with difficult access
- Lateral handle, to be used on left or right side
- Quick adjustment of protection cover without tools
- For grinding discs 0.8–6 mm thick
- Spindle thread: M 14 x 2

9033N-7

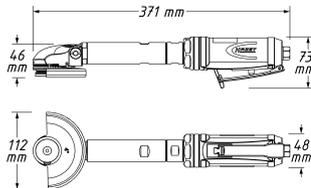


Angle grinder

- Suitable for cutting metal sheet and steel
- Quick adjustment (without tools) of protective cover
- Pressure key for locking the output enables easy changing of cut-off wheels
- Low build height



9033P-8

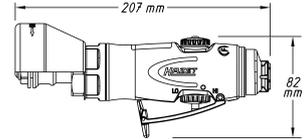


Angle grinder

- For processing workpieces even in areas with very restricted access
- Power: 522 watts
- Including 1 cut-off wheel
- Forward/reverse for controlling flying sparks
- Continuous speed regulation



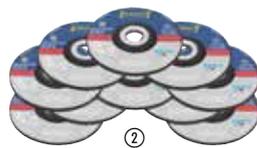
9033-10



HAZET No.	mm	rpm	kg	l/min	db (A) Lp A	m/s ²	mm			EAN-No. 4000896 +	
9033N-4	–	19,000	0.8	94	83.8	1.88	330 x 10	✓	12.91 (1/4")	7.2	210183
9033N-7	10	12,000	2	113	85	6.5	125 x 22	✓	12.91 (1/4")	7.2	205547
9033P-8	10	14,000	1.7	113	89.5	3.65	100 x 0.8 x 9.53	✓	12.91 (1/4")	7.2	190515
9033-10	10	18,000	0.9	114	88	1.8	76 x 2.1 x 10.0	✓	12.91 (1/4")	7.2	196371



① 330 x 10 mm



② 125 x 1 x 22.23 mm



③ 100 x 1 x 9.53 mm



④ 76 x 2.1 x 10 mm

Spare parts

	HAZET No.	Spare part for HAZET items	Design		EAN-No. 4000896 +
①	9033-480/10	Belt sander 9033 N-4	Abrasive belt set, grain size 80	10	139101
	9033-4100/10		Abrasive belt set, grain size 100	10	139118
	9033-4120/10		Abrasive belt set, grain size 120	10	139125
②	9233-010/5	Right-angle grinder 9033 N-7	Cut-off wheel set (125 x 1 x 22.23 mm)	5	219063
	9233-010/25		Cut-off wheel set (125 x 1 x 22.23 mm)	25	219070
	9233-011/10		Rough grinding wheel set (125 x 6 x 22.23 mm)	10	219087
③	9033P-08/5	Angle grinder 9033 P-8	Cut-off wheel set	5	201549
	9033P-08/25		Cut-off wheel set	25	201402
④	9033-010/5	Angle grinder 9033-10	Cut-off wheel set	5	199969



Micro die grinder

- Power: 190 watts
- 3 mm collet chuck

9032M

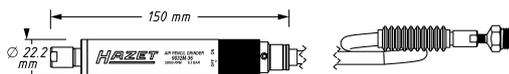


HAZET No.	mm	rpm	kg	Ø mm	l/min	dB(A) Lp A	m/s ²		EAN-No. 4000896 +
9032M	3	60,000	0.2	5	75	80.4	0.8	12.91 (1/4")	7.2
9032M-36	3 / 6	30,000	0.4	5	43.7	78.7	1.80	12.91 (1/4")	7.2

Mini die grinder

- Power: 224 watts
- 6 mm collet chuck with 3 mm adapter to accommodate both grinding pad dimensions

9032M-36

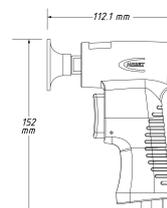


Spare parts

HAZET No.	Designation		EAN-No. 4000896 +
9032-03/5	Carbide milling pin set 3 mm	5	222483

Bristle grinder set

- For gentle yet effective cleaning of surfaces
- Roloc™ quick-change system allows the abrasive media to be changed quickly and easily without needing to use any extra tools



HAZET No.	Ø mm	rpm	kg	l/min	bar	Power	Ø mm	dB(A) Lp A	dB(A) Lp W	m/s	EAN-No. 4000896 +
						HP Watts					
9033-11/17	50	15000	0.54	79	6.3	0.3 224	10	75	86	✓ 3.11	12.91 (1/4") 7.2 222575



Spare parts

HAZET No.	Designation	Design		EAN-No. 4000896 +
9033-11-015	Bristle grinding disc, 1/4" UNC Roloc®	Ø 50 mm	1	222841
9033-11-020/4	Strip wheel set, Ø 50.8 mm Roloc®	Hard variant	4	222834
9033-11-030/4	Strip wheel set, Ø 50.8 mm Roloc®	Soft variant	4	222728
9033-11-036/2	Spare bristle grinder set, purple, Ø 50 mm Roloc®	Grain size: 36	2	222872
9033-11-050/2	Spare bristle grinder set, green, Ø 50 mm Roloc®	Grain size: 50	2	222865
9033-11-0120/2	Spare bristle grinder set, white, Ø 50 mm Roloc®	Grain size: 120	2	222858





Mini multifunctional air ratchet

- Power: 224 watts
- Manual retightening: 70 Nm
- Contents:
 - Sliding ratchet 17 mm
 - Socket 1/4", socket 3/8", screwdriver bit socket 6.3 mm



HAZET No.	max. Nm	rpm	kg	∅ mm	l/min	dB(A) Lp A	m/s ²		EAN-No. 4000896 +
9023M-1	54	400	0.5	10	84	82.8	3.2	✓	227112

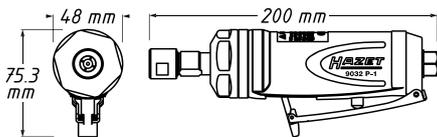


Spare parts, ratchet socket

	HAZET No.	EAN-No. 4000896 +
①	9023 M-1-020	228225
②	9023 M-1-021	228232
③	9023 M-1-B	228249

Die grinder, straight design

- Grinding, polishing, burnishing and deburring
- Extremely powerful device (700 watts)



HAZET No.	mm	rpm	kg	l/min	dB(A) Lp A	m/s ²	EAN-No. 4000896 +
9032P-1	6	22,000	0.8	150	87	0.46	190508

Order now!

Accessories

	HAZET No.	Designation	EAN-No. 4000896 +
①	9000-040	Rotary joint with continuous air flow rate reducer (12.91 mm 1/4")	195350
②	9030R-01/2	Eraser disc, max. rpm 4,000, ∅ 98 mm, thickness: 15 mm	241804

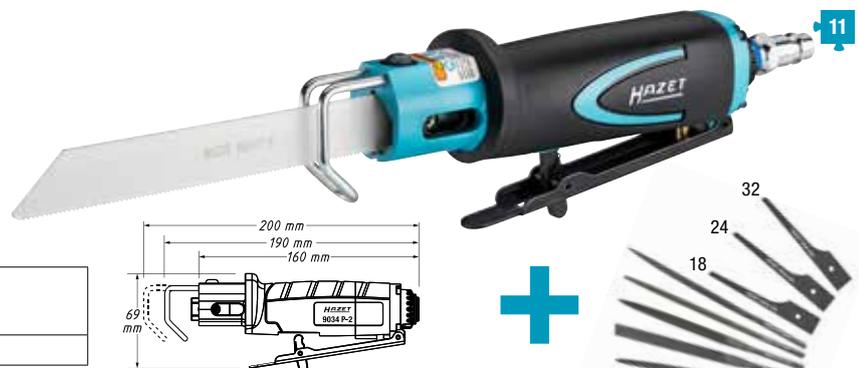


Also see page 36

Sabre saw

- Increased efficiency with reduction of weight, air consumption, noise generation and vibration
- Direction of air exhaust adjustable
- Saw stroke: 10 mm
- Strokes/min.: 9500
- Cutting capacity in sheet steel 3 mm, aluminium: 4 mm

HAZET No.	kg	∅ mm	l/min	db (A) Lp A	m/s ²	EAN-No. 4000896 +
9034P-2	0.4	10	99	86.7	6.13	218288



Spare parts

HAZET No.	Designation	Design	EAN-No. 4000896 +
9034P-R/5	Reciprocal saw blades, chamfered teeth	Length: 153 mm	218318
9034P-050/5	File set	Length: 153 mm	218349
9034P-018/5	Saw blades, 93 mm	18 teeth	225958
9034P-024/5	Saw blades, 93 mm	24 teeth	225965
9034P-032/5	Saw blades, 93 mm	32 teeth	225989



Reciprocal saw blade



Chisel hammer set

• Including keyless drill chuck



6

9035H/6
EAN-No. 4000896214655

Spare parts

HAZET No.	Designation	■	EAN-No. 4000896 +
9035H-01	Flat chisel	1	214136
9035H-02	Sheet metal cutting chisel	1	213924
9035H-03	Pointed chisel	1	214198
9035H-04	Rivet cutting chisel	1	214143
9035H-05	Curve cutting chisel	1	214525



Vibration chisel set

• Including keyless drill chuck



5

9035V/5
EAN-No. 4000896213368

Spare parts and additional vibration chisels

HAZET No.	Designation	■	EAN-No. 4000896 +
9035V-01	Semi-circular vibration chisel	1	214181
9035V-02	Round vibration chisel	1	214174
9035V-03	Vibration chisel	1	214167
9035V-04	Vibration chisel	1	214150
9035V-05	Flat vibration chisel	1	227266
9035V-06	Vibration drift pin 6 mm	1	227259
9035V-08	Vibration drift pin 8 mm	1	227297
9035V-09	Curved vibration chisel	1	227280
9035V-010	Vibration drift pin 10 mm	1	227273



Basic unit and keyless drill chuck



One basic unit – many options!

HAZET No.	Designation	kg	l/min	bar	db (A) Lp A	EAN-No. 4000896 +
① 9035VH	Basic unit with vibration and hammer function, in case incl. keyless drill chuck	2.5	57–594	6.3	92–105	214020
② 9035VH-01	Keyless drill chuck	0.3	–	–	–	214242



Needle scaler Air blow and suction gun

Mini needle scaler

- Gentle cleaning of soiled / rusted parts
- **13 needles, Ø 1.3 mm**
- 3,000 impacts/min
- With safety lever
- Infinite adjustable power
- Extremely handy tool
- Pin shape for flexible handling
- Free needles allow you to reach difficult to access areas as well
- Coupler plug: nominal size 7.2 (included)

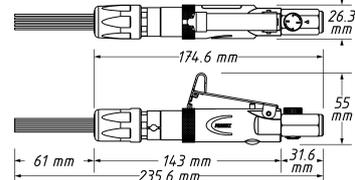


9035M-5

EAN-No. 4000896232284



0.5	48.1	87.9	6.9	12.91 (1/4")	7.2



Spare part

HAZET No.	Designation	Ø mm	■	EAN-No.	
9035M-050	Spare needles for mini needle scaler 9035M-5	1.3	13	233205	



Needle scaler

- Precisely removing rust and such
- **19 needles, Ø 3 mm**
- 3,200 impacts/min
- Adjustable needle cover
- Pistol shape
- Adjustable needle cover enables maximum utilisation of needles
- Two-piece housing design for easy maintenance
- Coupler plug: nominal size 7.2 (included)

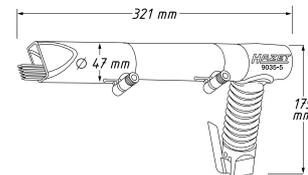


9035-5

EAN-No. 4000896132355



2.6	170	97	8.7	12.91 (1/4")	7.2



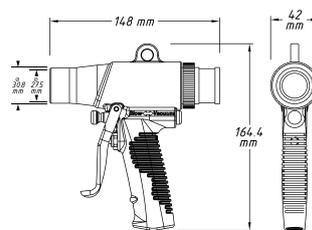
Spare part

HAZET No.	Designation	Ø mm	■	EAN-No.	
9035-050	Spare needles for needle scaler 9035-5	3	19	139385	



Switchable air blow and suction gun

- For sucking up dirt into the dust collection bag as well as for blowing surfaces clean
- With speedy one-hand switching of the function direction



9043N-10

EAN-No. 4000896198382



Vacuum level mmHg								
7.5	0.4	96	6.3–10.34	92	97	0.4	12.91 (1/4")	7.2



Spare part

HAZET No.	Designation	■	EAN-No.	
9043N-10-08/2	Fine dust bag for 9043N-10. Particularly suitable for sucking up fine dust	1	222827	



Blind rivet gun

- Professional riveting, suitable for continuous operation with rivets of up to 6.4 mm made of steel, stainless steel, aluminium and copper
- Possible rivet sizes: 3.0 - 3.2 - 4.0 - 4.8 - 5.0 - 6.0 and 6.4 mm
- 5 nose pieces
- Flexible connecting nipple
- Total stroke: 15.8 mm
- High tractive power: 14700 N
- Particularly low noise level
- Includes maintenance set for oil control (oil-supported pressure build-up)

9037N-2



2.11	2.64	296.6	✓	12.91 (1/4")	7.2

Grease gun

- Continuous pumping of grease
- Gun-filling with grease cartridge, loose grease or via dispenser
- Compaction: 40:1
- 360° adjustable handle
- Filling capacity: approx. 400 ml

9042N-1



Incl. nylon hose



2	230	230	172	12.91 (1/4")	7.2

Mini grease gun

- Creates pressure up to 1,000 PSI/69 bar
- Suitable for filling with loose grease
- Incl. lubricating nipple in 50° and 90° designs

2162M



High performance lubricant

- Optimal for quickly and cleanly filling the HAZET mini grease gun 2162M



9300N-60

Mini oiler

- Supports longevity and permanent functionality
- Reduces wear of the air motor
- Working pressure: 6 bar



9070N-1

12,91(=) 7,2

HAZET No.	Designation	EAN-No. 4000896 +	
9037N-2	Blind rivet gun	205578	
9042N-1	Grease gun	176472	
2162M	Mini grease gun, filling capacity: 80 g, length: 145 mm, weight: 0.27 g	185634	
9300N-60	High performance lubricant, 60 ml	203406	
9070N-1	Mini oiler, 28 ml	206407	
9400-100	Special pneumatic tool oil, 100 ml	191390	
9400-1000	Special pneumatic tool oil, 1000 ml	191406	

Special pneumatic tool oil

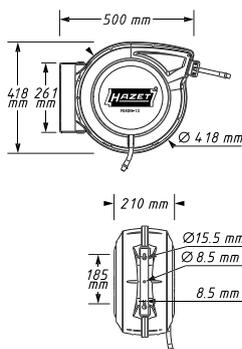
Made in Germany

9400-100 / 9400-1000



Hose reel

- Suitable for compressed air or water
- Black hybrid polymer hose
- Automatic guidance winds the hose neatly
- 9040N-13: Meets all relevant requirements defined in European Machinery Directive 2006/42/EC



HAZET No.		Outside thread	Hose inside Ø mm			EAN-No. 4000896 +	
9040N-10	-40°/+60°	16.41 mm 3/8"	10	20	6.45	206445	
9040N-13	-40°/+80°	20.96 mm 1/2"	13	20	9.5	214648	

Cable reel

- Including line circuit breaker
- Only suitable for indoor use



HAZET No.					EAN-No. 4000896 +	
9040D-2.5	-20°/+45°	1600	3200	9.2	214631	

230V AC
Cable: H07RN-F
3 x 2.5 mm²

9000-040



Rotary joint with continuous air flow rate reducer

- 360° rotation joint in 2 axles
- Air flow regulation by means of setting wheel
- Release of the rotating function through compressed air supply, rigid in unpressurised condition

9000-041



Rotary joint

- 360° rotation joint in 2 axles
- Maximum pressure: 16 bar



HAZET No.	Outside thread	Inside thread	kg	EAN-No. 4000896 +
9000-040	12.91 mm 1/4"	12.91 mm 1/4"	0.09	195350
9000-041	12.91 mm 1/4"	12.91 mm 1/4"	0.07	204441

Safety couplings

- Safe disconnection of the connection (unwanted disconnection is excluded)
- No risk of injury from hose impact
- Safety coupling depressurizes the connection before decoupling
- One-hand operation
- Little effort during coupling and decoupling
- Omission of loud popping during coupling process
- Easy operation, even with gloves
- 9000-050 · 051 · 060 · 061 · 070 brass, nickel-plated



9000-050
9000-051



9000-060
9000-061

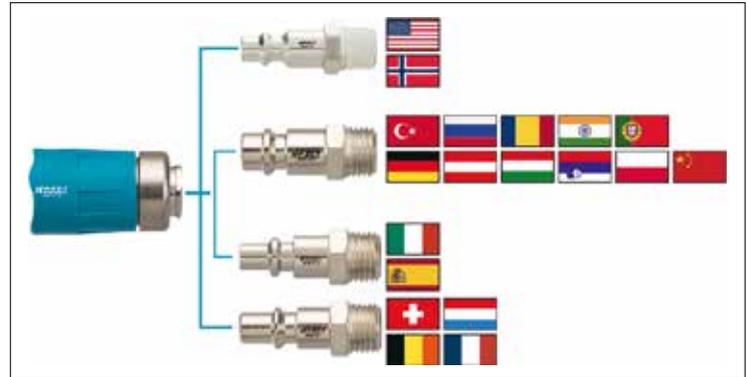


9000-062



9000-070

HAZET No.	Thread/socket	Inside thread	Outside thread	EAN-No. 4000896 +
9000-050	12.91 mm 1/4"	–	✓	195275
9000-051	16.41 mm 3/8"	–	✓	195282
9000-060	12.91 mm 1/4"	✓	–	195312
9000-061	16.41 mm 3/8"	✓	–	195299
9000-062	20.95 mm 1/2"	✓	–	218936
9000-070	For hose mounting, 10 mm hose nipple			195305



Compressed air reducer

- Reduction of working pressure to protect high-quality pneumatic equipment
- Inline pressure regulator for integration in the compressed air line or direct connection to motorised pneumatic equipment
- Including:
 - Adapter from outside thread (1/4") to outside thread (1/4") for connecting to the device
 - Air connection nipple 7.2 Type 1 for connection to compressed air coupling
- Max. inlet pressure: 10 bar
- Outlet pressure: 6.3 bar

HAZET No.	Outside thread	Inside thread	kg	EAN-No. 4000896 +
9000-080	12.91 mm 1/4"	12.91 mm 1/4"	0.1	214709



Spiral hose

- High flexible polyurethane hose
- Connecting pieces with 360° rotary joints

HAZET No.	l m	Burst pressure according to DIN	Hose inside Ø mm	bar	kg	EAN-No. 4000896 +
9040-7	7.62	55.1 bar/800 PSI	6.35	10	12.91 (1/4")	7.2 153404
9040S-10**	7.62	60 bar	10	10	12.91 (1/4")	7.2 212361



** Recommended by HAZET for commercial application Ø 10 mm

Air blow guns

- With bent pipe \varnothing 8 mm, **100 mm**
- Application field: -10°C to $+80^{\circ}\text{C}$
- Max. 16 bar



9040P-1

- With straight pipe \varnothing 8 mm, **300 mm**
- Application field: -10°C to $+80^{\circ}\text{C}$
- Max. 16 bar



9040P-2

- With bent pipe \varnothing 8 mm, **100 mm**
- Extreme reduction of noise
- Non-blocking
- Max. 12 bar



9040P-3

- With bent pipe \varnothing 8 mm, **100 mm**
- 100% increase in air outlet quantity thanks to Venturi nozzle
- Non-blocking
- Max. 16 bar



9040P-4

- With **wide flat nozzle** for cleaning surfaces
- Low noise
- Non-blocking
- Max. 8 bar



9040P-5

- **2-way air blow gun**
- Choice of air supply at tool head or handle
- Pressure regulator and replaceable nozzles
- Max. 10 bar
- With 112 mm nozzle



9040-4

HAZET No.	Nozzle	kg	l/min	Bar	db (A) Lp A		l mm		EAN-No. 4000896 +	
9040P-1	Standard nozzle	0.1	290	6.3	84	✓	247	12.91 (1/4")	7.2	209545
9040P-2	Long nozzle	0.2	290	6.3	84	✓	420	12.91 (1/4")	7.2	209552
9040P-3	Quiet nozzle	0.1	245	6.3	76.8	✓	255	12.91 (1/4")	7.2	209644
9040P-4	Venturi nozzle	0.1	235	6.3	83.7	✓	265	12.91 (1/4")	7.2	209569
9040P-5	Wide nozzle	0.1	450	6.3	78	✓	203	12.91 (1/4")	7.2	209576
9040-4	Exchangeable nozzles (short/long)	0.2	330	6.3	86	✓	100	12.91 (1/4")	7.2	176236

Venturi nozzle

- 100% increase in air outlet quantity thanks to Venturi effect
- For blowing out machines, cargo spaces and buildings in industry, agriculture and trade
- Optional Venturi nozzle for 9040-4 and 9040LG-3/2



NEW!

9040LG-3-01
EAN-No. 4000896241514

Lateral nozzle

- Nozzle allows lateral blowing out
- Cleaning cooling fins and other hard-to-reach areas
- Optional lateral nozzle for 9040-4 and 9040LG-3/2



NEW!

9040LG-3-02
EAN-No. 4000896241521



2 9040LG-3/2
EAN-No. 4000896206339

Air blow gun, long

Car body gun for underbody protection and cavity sealing

- Including metal suction pipe
- Suitable for aqueous and oily liquids
- Including nozzle and cavity tube
- Application field: -10°C to $+80^{\circ}\text{C}$
- Air requirement with cavity tube: 180 l/min at 8 bar
- Nozzles made of steel / plastic



HAZET No.	kg	l/min	bar		EAN-No. 4000896 +	
9042P-4	0.3	255	6	12.91 (1/4")	7.2	209613

Soda spray gun

- Mineral spray gun for damage-free cleaning and removal of paint
- No heating / deformation of sheets during blasting
- Removes paint from wooden objects without any damage
- Removes paint from glass surfaces and window frames without causing damage to glass and seals
- For blasting with NaHCO_3 (sodium bicarbonate)
- Including 1 kg of soda blast-cleaning agent!



HAZET No.	kg	l/min	bar	db (A) Lp A	db (W) Lp A	m/s ²	EAN-No. 4000896 +
9045P-1	0.5	280	6-12	88.3	89.4	1.44	209590
9045P-5S	Soda blast-cleaning agent, 5 kg for soda spray gun						210404

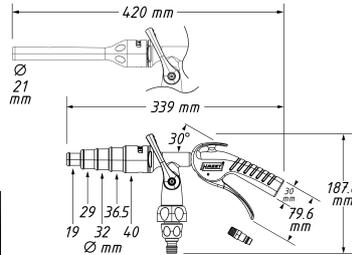
3

Wash-gun set

- Effective, powerful and solvent-free cleaning of e.g. cooling systems
- Cleaning for cooling systems without the use of aggressive chemicals or solvents
- Swivel joint at the water connection, helps to avoid "hose spaghetti"
- Continuous independent regulation of water and compressed air supply
- Washing and system cleaning nozzle included
- No splashback even when cleaning with combined water/compressed air jet at short distance
- Damage-free cleaning thanks to water / air operation
- Quick, easy and gentle cleaning
- High-quality materials
- Water connection 1/2" nipple for water coupling (Gardena system compatible) or 3/4" GHT thread

Contents:

- Water connection options 1/2" (13 mm) or 3/4" hose thread
- Graduated system cleaner nozzle
- Jet washing nozzle



9048P-2/3

EAN-No. 4000896234608

bar max.	°C	Ø mm air	Ø mm water
6-10	-10 / +40	10	13



Jet washing nozzle

Graduated system cleaner nozzle

Heat gun set

- Power: 2,300 watts
- 5 storage functions (air stage / temperature)
- Optimised flow guidance
- Digital temperature control (integrated temperature probe)
- Configurable Power Safety Function (eco-mode)
 - Eco 1 **movement**-triggered eco function
 - Eco 2 **position**-triggered eco function (saves up to 40 % energy and reduces the noise level up to 50 %)
- Ceramic heating element
- Temperature control concept (Close Loop)
- Soft touch handle area
- Best ergonomics, even distribution of weight
- Standby position (standby key):
 - When the hash key is pressed, the device swivels to the standby function
- Long life engine class: 1 kh
- Temperature range (electronically controlled and continuously adjustable): 80–650°C
- Air flow range (l/min at 20°C: 200–550 l/min), electronically controlled and continuously adjustable
- Complete unit tested for 1,000 h

Contents (set):

- Basic unit
- 4 x nozzles (spoon reflector nozzle angled at 90°, solder reflector nozzle, pipe nozzle wide slot nozzle angled at 15°)
- Pressure roller 30 mm wide
- L-Boxx 136



1990N/6

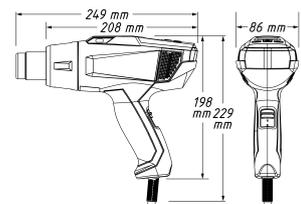
EAN-No. 4000896241378



(Not included in the set)



(Included in set)



	HAZET No.	Designation		EAN-No. 4000896 +
①	1990N-010	Heat gun, basic unit	1	241088
②	1990N-020/5	Accessories set for heat gun: spoon reflector nozzle 90°, solder reflector nozzle, wide slot nozzle 15°, pipe nozzle, pressure roller	5	241101
③	1990N-01	Protective ring for heat gun nozzle pipe (protects against burns and ensures safe storage)	1	241118
④	190L-136	L-Boxx 136	1	237616

1/2"
9212M-1
270 Nm

1/2"
9212-3LB/3
700 Nm

1/2"
9212-1000/3
1.400 Nm

3/4"
9213-1000/3
1.400 Nm

1/2"
9212SPC-1
260 Nm

9230-2

9234-1

9233-7

Li-ion rechargeable battery 2.0 Ah, charging time: 35 min
9212-02
EAN-No. 4000896213788

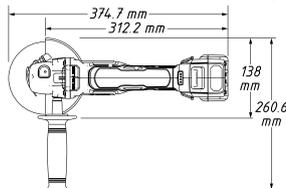
Li-ion rechargeable battery 5.0 Ah, charging time: 80 min
9212-05
EAN-No. 4000896210367

Quick charger for rechargeable batteries
9212-03
EAN-No. 4000896204823

HAZET RECHARGEABLE BATTERIES suitable for all devices!

Cordless right-angle grinder 18 V, 5.0 Ah

- High efficiency thanks to brushless motor
- Device stops if the speed drops sharply due to canting
- With function against unintentional motor start when changing the battery
- Mesh fabric protects motor from dirt
- Motor stop 2 seconds after switch-off
- Constant speed even during difficult work
- Soft startup for greater comfort
- With safety lever
- Quick adjustment of protection cover without tools
- Spindle thread: M14
- Delivery in plastic case



9233-7

Spare parts, see page 28

- 9233-010/5, cut-off wheel set, 5 pieces
- 9233-011/10, rough grinding wheel set, 10 pieces
- 9233-010/25, cut-off wheel set, 25 pieces

rpm	db (A) Lp A	kg With rechargeable battery	kg Without rechargeable battery
8,000	89	2.28	1.53

HAZET No.	Designation		EAN-No. 4000896+
9233-010	Basic unit cordless right-angle grinder (without rechargeable battery, without charger)	1	218943
9233-7	3-piece set: 1 cordless right-angle grinder, 1 quick charger, 1 Li-ion rechargeable battery 18 V, 5.0 Ah	3	218325
9233-7/4	4-piece set: 1 cordless right-angle grinder, 1 quick charger, 2 Li-ion rechargeable batteries 18 V, 5.0 Ah	4	218950

9230-2

3



Cordless drilling machine 18 V, 2.0 Ah

- Tool-free metal quick-clamping drill chuck 1–13 mm
- Incl. quick charger
- Selectable torque settings 15 + 1 drilling
- Delivery in cloth bag



max. Nm	rpm rpm	rpm rpm	db(A) Lp A
60	① 0–560	② 0–1900	68

Screwing / m/s ²	Drilling / m/s ²	kg Without rechargeable battery
0.8	2.3	1.27

9212SPC-1

3

1/2"



Cordless impact wrench 18 V, 2.0 Ah

Max. loosening torque: 260 Nm

- Extremely handy tool
- Amperage without load: 5 A
- Delivery in cloth bag
- Impacts per minute: 0 – 3300



max. Nm	max. Nm	rpm	db(A) Lp A	kg With rechargeable battery	kg Without rechargeable battery
200	260	2,700	100	1.45	1.06

9212M-1

3

1/2"



Mini cordless impact wrench 18 V, 2.0 Ah

Max. loosening torque: 270 Nm

- Extremely handy and short tool
- Three selectable performance levels for torque screw tightening
 - Level 1: approx. 80 Nm at 700 rpm
 - Level 2: approx. 150 Nm at 1,600 rpm
 - Level 3: approx. 220 Nm at 2,500 rpm
- Impacts per minute: 0–1,200 / 0–2,000 / 0–3,200
- Amperage without load: 4.5 A
- High efficiency thanks to brushless motor
- Brushless DC motor (BLDC):
 - Longer service life, less wear, no need to change the carbon brushes
 - High efficiency and hence less battery consumption
 - More compact motor enables smaller dimensions
- Delivery in cloth bag



max. Nm	max. Nm	rpm	db(A) Lp A	kg With rechargeable battery	kg Without rechargeable battery
220	270	2,500	99.6	1.34	0.95

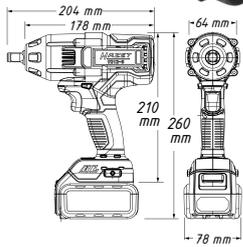
HAZET No.	■	Designation	■	EAN-No. 4000896+
9230-010	–	Basic unit cordless drilling machine (without rechargeable battery, without charger)	1	218974
9230-2	–	3-piece set: 1 cordless drilling machine, 1 quick charger, 1 Li-ion rechargeable battery 18 V, 2.0 Ah	3	218370
9230-2/4	–	4-piece set: 1 cordless drilling machine, 1 quick charger, 2 Li-ion rechargeable batteries 18 V, 2.0 Ah	4	218967

9212SPC-010	12 ² 1/2	Basic unit cordless impact wrench 18 V (without battery, without charger)	1	214273
9212SPC-1	12 ² 1/2	3-piece set: 1 basic unit, 1 charger, 1 Li-ion rechargeable battery 2.0 Ah	3	212439
9212SPC-1/4	12 ² 1/2	4-piece set: 1 basic unit, 1 charger, 2 Li-ion rechargeable batteries 2.0 Ah	4	214259

9212M-010	12 ² 1/2	Basic unit mini cordless impact wrench 18 V (without battery, without charger)	1	214280
9212M-1	12 ² 1/2	3-piece set: 1 basic unit, 1 charger, 1 Li-ion rechargeable battery 2.0 Ah	3	212446
9212M-1/4	12 ² 1/2	4-piece set: 1 basic unit, 1 charger, 2 Li-ion rechargeable batteries 2.0 Ah	4	214266

9212-3LB

1/2"



NEW!

In L-Boxx and as 3- or 4-piece set



Cordless impact wrench 18 V, 5.0 Ah

Max. loosening torque: 700 Nm

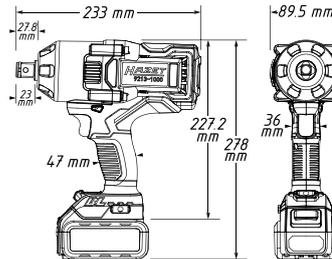
- 18 V, 5.0 Ah, Li-ion rechargeable battery
- Three selectable performance levels for torque screw tightening
 - Level 1: approx. 80 Nm at 600 rpm
 - Level 2: approx. 300 Nm at 1,400 rpm
 - Level 3: approx. 500 Nm at 2,000 rpm
- Impacts per minute: 0 – 1,200 / 0 – 2,500 / 0 – 3,400
- Amperage without load: 5.5 A
- Charging time at 5 Ah battery: approx. 80 min
- Loosening torque (max) determined with screw size M: 16
- High efficiency thanks to brushless motor
- Brushless DC motor (BLDC):
 - Longer service life, less wear, no need to change the carbon brushes
 - High efficiency and hence less battery consumption
 - More compact motor enables smaller dimensions
- Delivery in L-Boxx 136



max. Nm	max. Nm	rpm	db (A) Lp A	kg With rechargeable battery	kg Without rechargeable battery
500	700	2,000	99.4	2.5	1.86

9212-1000/3

1/2"



Cordless impact wrench 18 V, 5.0 Ah

Max. loosening torque: 1,400 Nm

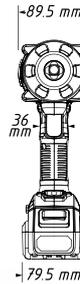
- Three selectable performance levels for torque screw tightening:
 - Level 1: approx. 180 Nm at 0 – 400 rpm
 - Level 2: approx. 400 Nm at 0 – 800 rpm
 - Level 3: approx. 1,000 Nm at 0 – 1,800 rpm
- Impacts per minute: 0 – 800 / 0 – 1,600 / 0 – 2,200
- Illumination of the work area before the output begins to move
- Suitable for continuous operation
- Charging time at 5 Ah battery: approx. 80 min
- Loosening torque (max) determined with screw size M: 24
- High efficiency thanks to brushless motor
- Brushless DC motor (BLDC):
 - Longer service life, less wear, no need to change the carbon brushes
 - High efficiency and hence less battery consumption
 - More compact motor enables smaller dimensions
- In plastic case



max. Nm	max. Nm	rpm	db (A) Lp A	kg With rechargeable battery	kg Without rechargeable battery
1,000	1,400	1,800	101	3.64	3.00

9213-1000/3

3/4"



20 3/4"

max. Nm	max. Nm	rpm	db (A) Lp A	kg With rechargeable battery	kg Without rechargeable battery
1,000	1,400	1,800	101	3.70	3.04

HAZET No.	■	Designation	■	EAN-No. 4000896+
9212-010	125 1/2	Basic unit cordless impact wrench 18 V (without battery, without charger)	1	221790
9212-3LB/3	125 1/2	3-piece set: cordless impact wrench 18 V, 1 charger, 1 Li-ion rechargeable battery 5.0 Ah, in L-Boxx	3	244164
9212-3LB/4	125 1/2	4-piece set: cordless impact wrench 18 V, 1 charger, 2 Li-ion rechargeable batteries 5.0 Ah, in L-Boxx	4	244171

9212-1000	125 1/2	Basic unit cordless impact wrench 18 V (without battery, without charger)	1	222711
9212-1000/3	125 1/2	3-piece set: 1 basic unit, 1 charger, 1 Li-ion rechargeable battery 5.0 Ah	3	222674
9212-1000/4	125 1/2	4-piece set: 1 basic unit, 1 charger, 2 Li-ion rechargeable batteries 5.0 Ah	4	222681

9213-1000	20 3/4	Basic unit cordless impact wrench 18 V (without battery, without charger)	1	222698
9213-1000/3	20 3/4	3-piece set: 1 basic unit, 1 charger, 1 Li-ion rechargeable battery 5.0 Ah	3	222704
9213-1000/4	20 3/4	4-piece set: 1 basic unit, 1 charger, 2 Li-ion rechargeable batteries 5.0 Ah	4	222797

Cordless reciprocating saw set 18 V, 5.0 Ah

- Support frame, adjustable in height, suitable for double-walled sheet steel
- Work independently
- High efficiency thanks to brushless motor
- Compatible with HAZET rechargeable batteries 9212-02 and 9212-05
- Tool-free saw blade quick-change system
- Quick bracket adjustment
- Composite housing
- Brushless DC motor (BLDC):
 - Longer service life, less wear, no need to change the carbon brushes
 - High efficiency and hence less battery consumption
 - More compact motor enables smaller dimensions

“The machine is extremely compact – just the right thing for difficult places, e.g. on the roof timbers!”

Nils



Roofers
Industry story
Website

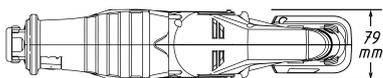
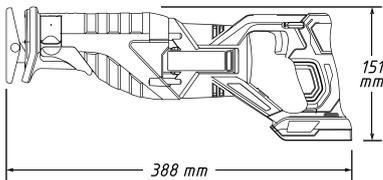


Contents:

- Cordless reciprocating saws
- Quick charger
- Li-ion rechargeable battery 18 V, 5 Ah



9234-1



Basic unit



In the new HAZET L-Boxx 190L-136

kg With rechargeable battery	kg Without rechargeable battery	Strokes/min.	Saw stroke mm	db (A) Lp A	m/s ²
2.95	2.26	0 – 3,100	28.5	86.13	32.18

HAZET No.	Designation		EAN-No. 4000896 +
9234-010	Cordless reciprocating saw basic unit (without rechargeable battery, charger, L-Boxx and insert)	1	234707
9234-1	3-piece set: 1 cordless reciprocating saw, 1 quick charger, 1 Li-ion rechargeable battery 18 V, 5.0 Ah	3	234714
9234-1/4	4-piece set: 1 cordless reciprocating saw, 1 quick charger, 2 Li-ion rechargeable batteries 18 V, 5.0 Ah	4	234721



Made in Germany

Spare parts



	HAZET No.	Designation	L x W x H mm	Length of serration mm		EAN-No. 4000896 +
①	9234M-150/5	Flexible reciprocating saw blades for steel and non-ferrous metals from 2 – 8 mm	150 x 19 x 0.9	130	5	239382
②	9234P-150/5	Flexible reciprocating saw blades for wood with nails and faster sawing progress in metal 2 – 10 mm. New serration for long service life.	150 x 19 x 0.9	130	5	239405
③	9234P-225/5	Flexible reciprocating saw blades for wood with nails and faster sawing progress in metal 2 – 10 mm. New serration for long service life.	225 x 19 x 0.9	205	5	239412
④	9234X-150/5	Flexible reciprocating saw blades for steel and stainless steel (Inox) from 1.5 – 4 mm	150 x 19 x 0.9	130	5	239597
⑤	9234W-225/5	Rigid reciprocating saw blades for all wood, plastics as well as plasterboard (6 - 100 mm)	225 x 19 x 1.27	205	5	239429

Spare part

⑥	9034P-R/5	Reciprocal saw blades, chamfered teeth	152 x 19 x 1	132	5	218318
---	-----------	--	--------------	-----	---	--------

NEW!



Thermal camera

- Application in building diagnostics, electrical installation, sanitary, air-conditioning and heating technology
- Inspection of the engine compartment, the brake system and the cooling and heating system on passenger cars
- Colour palettes: White Hot, Black Hot, Rainbow, Ironbow
- Image sensor: Vanadium oxide uncooled focal plane arrays (FPA)
- Storage medium: exchangeable SD card 8 GB, up to 150,000 images
- Automatic hot, cold and central point measurement
- Laser pointer



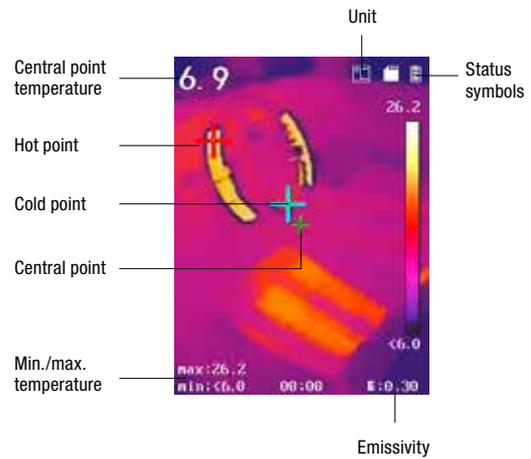
Power supply: USB cable (Micro USB)

Including hand strap



Including SD card

Delivery in high-quality packaging



Incl.

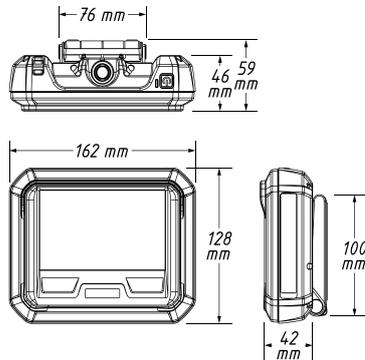
1992-1

EAN-No. 4000896244270

Screen size	Refresh rate	Screen resolution Pixel	Thermal (or IR) resolution Pixel	Thermal sensitivity (NETD)	Field of vision	
2.4" LCD screen	25 Hz	320 x 240	160 x 120	< 40 mK (0.04° C)	37.2° x 50°	
Temperature measuring range	Measuring accuracy Max. (±2 °C, ±2%)	Protection rating IP	Battery life	Dimensions mm (H x W x D)	Lithium-Ion rechargeable battery	kg
-20 °C to 550 °C (-4 °F to 1,022 °F)	Ambient temperatures 15 °C – 35°C / Object temperatures over 0 °C	54	up to 8 h	196 x 117 x 59		0.35

Video borescope

- Display resolution: 800 x 480 pixels
- 8-stage brightness setting (5 + 3 boost)
- Zoom: 3-step
- Display of battery capacity
- Timestamp can be shown
- Record photos and videos
- Mirroring and negative display of the camera image possible
- Designation of photos possible
- Data transfer: USB-C
- Charger: USB charging adapter DC-5V / 3 A
- High-tech borescope in compact design
- Detailed illustration
- Easy to read, even in sunlight
- Easy to handle
- 5 inch touch display readable in sunlight



“Great product for small localising jobs! You can reach the smallest corners and don’t have to make big holes!”

Dominik



Plumbers
Industry story
Website



Newest generation!

- High-tech borescope in compact design
- Detailed illustration
- Easy to read even in sunlight
- Easy to handle
- 5 inch touch display readable in sunlight
- Not compatible with previous models



HDMI port for video output, USB-C for charging, Micro SD

Swivelling magnetic base, 180° adjustable

Touch display



Comparison: Display resolution of current probe (left) with new probe (right)

Display resolution: 320 x 240 pixels

Display resolution: 800 x 480 pixels



Operational readiness (h)	IP protection rating (basic unit)	IP protection rating (with probe)	Charging time (h)	Battery charger	
4	IP 54	IP 67	3.5	USB charging adapter DC-5V / 3 A	Li-ion battery

Borescope set with semi-flexible probe Ø 5.5 mm

- Ø 5.5 mm with micro lens
- Semi-flexible probe with 1 m probe cable
- Front camera: 0°
- Image resolution 1,024 x 768 Pixel
- Focus range: 10 to 60 mm
- Focus angle: 56°
- 4-way LED luminous source

5



4812-21/5S
EAN-No. 4000896238811

- Contents:**
- Basic unit 4812-21
 - Probe 4812-21S
 - USB-C to USB-A cable
 - Aluminium case



Borescope set with swivelling probe Ø 4.5 mm

- Up to 180° swivel on both sides enables e.g. a real reverse view onto valves in the cylinder head
- Compatible with basic unit 4812-21
- Bending radius only approx. 38 mm (-30 % compared to conventional designs)
- Front camera
- Image resolution 1,024 x 768 Pixel
- Focus range: 10 to 100 mm
- Focus angle: 90°
- Ø 4.5 mm with micro lens
- 1 m probe cable
- 5-way LED luminous source

5



4812-21/5AF
EAN-No. 4000896239283

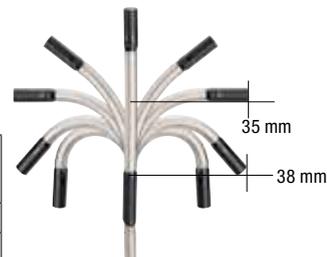
- Contents:**
- Basic unit 4812-21
 - Probe 4812-21AF
 - USB-C to USB-A cable
 - L-Boxx 136



4812-21S



4812-21AF



Probes for video borescope

HAZET No.	Designation	EAN-No. 4000896+
4812-21S	Semi-flexible probe Ø 5.5 mm, front camera: 0°	237623
4812-21AF	Swivelling probe 180° Ø 4.5 mm, front camera	237630

Video borescope with swivelling probe

- Up to 180° swivel enables e.g. a real reverse view onto valves in the cylinder
- Camera head only 11 mm long (-50 % compared to conventional designs)
- Bending radius only approx. 38 mm (-30 % compared to conventional designs)
- Light boost and integrated reflection reduction
- Micro-lens: Ø 4.5 mm - Front view with a resolution of 640 x 480 pixels
- Casing made from steel mesh
- Image resolution: 640 x 480 pixels
- Display resolution: 320 x 240 pixels
- **Contents:**
 - 1 m probe cable with Ø 4.5 mm micro-lens and LED luminous source
 - Operating panel
 - SD card with 4 GB storage capacity
 - 4 x AA batteries

3



4812N-10/3AF
EAN-No. 4000896219131

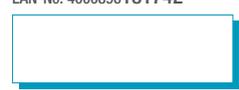


Video borescope with Ø 4.9 mm switch probe

- Image resolution: 640 x 480 pixels
- Display resolution: 320 x 240 pixels
- **Contents:**
 - 1 m probe cable with Ø 4.9 mm micro lens and LED luminous sources
 - Hook including magnet
 - SD card with 4 GB storage capacity
 - 4 x AA batteries

4

4812-10/4S
EAN-No. 4000896181742



Probes for video borescope

HAZET No.	Designation	EAN-No. 4000896+
4812-16	Ø 4.9 mm / 0° + 90°	181841
4812N-1 S	Ø 3.9 mm / 90°	187102
4812N-1 F	Ø 3.9 mm / 0°	187096
4812N-5.5	Ø 5.5 mm / 0°	187065
4812N-2 AF	Ø 4.5 mm swivelling probe	218868



All sets incl. charging cables and adapter for the charging pad



LED light set, wireless charging

3

- Efficient and comfortable charging function due to optimised self-positioning of the lamp on the pad
- Wirelessly mobile and versatile, especially in extremely tight spaces

Contents:

- 1979W-82 LED Pocket Light
- 1979W-92 LED Slim Light
- 1979WP-2 Charging pad for 2 lamps
- USB-C cable, 100 cm
- Power supply unit 5 V, 2 A

1979W1/3

EAN-No. 4000896241408





LED Pen Light set, wireless charging

3

Contents:

- 2 x 1979W-11 Pen Light
- 1979WP-2 Charging pad for 2 lamps
- Incl. 100 cm USB-C cable and 2 A 5V mains plugs

1979W-11/3

EAN-No. 4000896235247



LED inspection lamp set, wireless charging

3

Contents:

- 1979W-11 Pen light
- 1979W-82 Pocket Light
- 1979WP-2 Charging pad for 2 lamps
- Incl. 100 cm USB-C cable and 2 A 5V mains plugs

1979NW/3

EAN-No. 4000896235261



Wireless charging



Charging pad

- Including 100 cm USB-C cable (with USB adapter)



1979WP-1
EAN-No. 4000896227952

For 1 light



1979WP-2
EAN-No. 4000896227945

For 2 lights

HAZET No.	Operating time (h) Main light	Operating time (h) Top light	Luminous flux Lumen	Protection rating IP	Protection rating	Charging time (h)		l mm	EAN-No. 4000896 +
1979W-82	2 – 10	5	30 – 300	IP 65	IK 09	1.5	3.7 V 1,200 mAh, Li-ion rechargeable battery pack	133	227228
1979W-11	2.5 – 10	4	20 – 200	IP 65	IK 09	2.5	3.7 V 1,050 mAh, Li-ion rechargeable battery pack	180	235230
1979W-85	3 – 20	4.5	60 – 600	IP 65	IK 09	3.5	3.7 V, 2,600 mAh	255	241484
1979W-92	3 – 14	11	110 – 1,100	IP 65	IK 08	5.5	3.6 V 4,500 mAh lithium-ion rechargeable battery	367	241422

With charging cable

- Delivery incl. 100 cm USB-C charging cable (without USB power box)



With batteries

- 1.5 V Micro / AAA / (L)R03



HAZET No.	Operating time (h) Main light	Operating time (h) Top light	Luminous flux Lumen	Protection rating IP	Protection rating	Charging time (h)		l mm	EAN-No. 4000896 +
1979N-82	2 – 10	5	30 – 300	IP65	IK09	1.5	3.7 V 1,200 mAh, Li-ion rechargeable battery pack	133	227211
1979N-11	2.5 – 20	4	20 – 200	IP65	IK09	2	3.7 V 1,050 mAh, Li-ion rechargeable battery pack	180	235254
1979N-85	3 – 20	4.5	60 – 600	IP65	IK09	3	3.7 V 2,600 mAh, Li-ion rechargeable battery pack	255	241491
1979N-92	3 – 14	11	110 – 1,100	IP65	IK08	4.5	3.7 V 4500 mAh, Li-ion rechargeable battery pack	367	241415
1979N-71	4	–	130	IP45	IK07	–	2 x AAA-1.5 V batteries (incl.)	139	208470
1979N-72	4	–	200	IP45	IK07	–	3 x AAA-1.5 V batteries (incl.)	135	208487

Pressure sprayer

- Capped pumping mechanism increases chemical resistance
- Viton® gaskets
- Integrated safety valve (2.5 bar)
- Particularly suitable for disinfection

Spraying with chemical and corrosive substances!



GERMAN DESIGN AWARD WINNER 2018



199N-1

EAN-No. 4000896189007



Pressure sprayer, foam

- Recommended for foaming disinfectants, as well as neutral, acidic and alkaline cleaners
- Integrated safety valve (2.5 bar)

Creation of tight, permanent and visible foam!



199-3

EAN-No. 4000896207237



Genuine leather working gloves



1987N-3

Working gloves with micro-foam coating



1987N-4

Mechanic's gloves



1987-5

Mechanic's gloves



1987-6

HAZET No.	Material	Size	EAN-No. 4000896 +
1987N-3	High-quality mix of materials from genuine leather and modern microfibre textiles	One size	222650
1987N-4	60% cotton, 40% polyester	One size	203840
1987-5L	48% polyamide/nylon, 25% polyacrylic, 25% polyester, 2% polyurethane	L	181735
1987-5XL	48% polyamide/nylon, 25% polyacrylic, 25% polyester, 2% polyurethane	XL	181759
1987-5XXL	48% polyamide/nylon, 25% polyacrylic, 25% polyester, 2% polyurethane	XXL	181766
1987-6	The palm has a high-quality nitrile rubber coating	One size	222643



Mechanic's creeper

- Especially deep for maximum freedom of movement under the vehicle
- Rigid one-piece construction made of high strength plastic, black



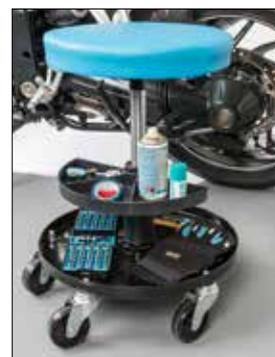
195-2

EAN-No. 4000896125982

Dimensions H x L x D mm	Loading capacity kg	kg
115 x 1,030 x 480	130	5.8

Pneumatic chair

- Height-adjustable 380 – 510 mm
- 2 tool compartments
- Tilt-resistant
- Easy to clean



195-4

EAN-No. 4000896148707

Dimensions H x L x D mm	Loading capacity kg	kg
380–510 adjustable in height	150	5.8

Brush oiler

- Application of an even lubricating film to workpieces, surfaces and chains ensures tool-friendly distribution of coolants and lubricants while drilling
- Industrial oiler with single pump
- Due to the 20 bar pumping unit, the oiler is also able to pump heavier oils efficiently. This is especially advantageous when oiling chains and slide rails.
- 300 ml container made of PEHD
- Replaceable brush, 20 mm diameter
- For higher viscosities
- Brass lance
- Suspension lug
- Semi-transparent container for better visibility of the filling level



2160-1

EAN-No. 4000896234646



Spare parts

HAZET No.	Designation		EAN-No. 4000896+
2160-1-01/2	Replacement brush set for brush oiler	2	238866
2160-1-02	Pump mechanism with seals	1	238873

Multifunctional drain pans

- For oil change / oil filter replacement and for cleaning of parts



197N-1



197-2



197-50

Made in Germany



HAZET No.	Contents l	Dimensions (W x H x D)	EAN-No. 4000896+
197N-1	6	400 x 390 x 120 mm	198924
197-2	16	600 x 450 x 180 mm	146802
197-50	50	800 x 520 x 100 mm	210008



4852/4

Dashboard protection with handle

- Angled (270 x 200 mm, 450 x 300 mm) and straight (270 x 200 mm, 450 x 300 mm)



195-1

Kneeling mat

- Easy-to-clean surface

195-5

Mechanic's mat

- Easy-to-clean surface

Made in Germany



9070-10

Magnetic holder

- Loading capacity: 10 kg

197-3

Magnetic cup

- With magnet for fixing
- Ø 150 mm



1977-2/4

Telescopic inspection mirror set

- Double hinge with tension spring



HAZET No.	Function	EAN-No. 4000896+
4852/4	For protection against damage to the dashboard, interior lining and vehicle headlining when removing windows	210114
195-1	Kneeling mat 30 x 450 x 210 mm (HxWxD)	121069
195-5	Mechanic's mat 30 x 975 x 385 mm (HxWxD), not shown	153718
9070-10	With two strong magnets to hold: 1 impact wrench, 4 sockets and 1 torque wrench	158157
197-3	Holds small parts such as screws etc.	158584
1977-2/4	Telescopic rod, extension length: 300 - 740 mm, round mirror: Ø 30 / 50 mm, rectangular mirror: 65 x 43 mm	150144

Wheel hub grinder

- Prevents incorrect wheel bolt tightening torque caused by corrosion
- Quick and easy removal of rust and dirt from contact surfaces of wheel hubs and brake discs with wheel bolt support
- Wear-resistant: approx. 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



Before

After



- 11 mm outside hexagon with 3 contact surfaces for attachment e.g. to pneumatic, cordless and corded drilling machines
- Spare grinding wheels: 4960R-0160/3

- Contents:**
- Base component
 - 3x grinding wheels \varnothing 160 mm

4



4960R-160/4



- With $\frac{1}{2}$ " inside square collet for attachment e.g. to pneumatic, cordless and corded impact wrenches
- Spare grinding wheels: 4960V-0160/3

- Contents:**
- Base component
 - Grinding wheel \varnothing 160 mm

2



4960V-160/2



Rim flange cleaner

2

- For 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
- With centre hole guidance and integrated sander for cleaning the wheel centring
- For wheel centring diameter: min. 51 mm
- Spare grinding wheels: 4960F-0160/3

- Contents:**
- Base component
 - Grinding wheel \varnothing 160 mm

4960F-160/2



HAZET No.	\varnothing Inside mm	rpm	\varnothing Passenger car wheel hub mm	EAN-No. 4000896+
4960R-160/4	75	500	160	218820
4960V-160/2	75	500	160	218394
4960F-160/2	50	500	160	218387

Spare parts

HAZET No.	Designation	\varnothing mm	\square	EAN-No. 4000896+
496R-0160/3	With hook and loop fastener	160	3	218790
4960V-0160/3				218813
4960F-0160/3				218806



3

1/2" impact socket (6-point), 85 mm long

- With plastic insert to protect the surface of the wheel bolts

125 1/2

Optimised contours for deeper rim holes in e.g. **AUDI S-Line, AMG, OZ** etc.



S mm 17

Made in Germany
903SLG-17

EAN-No. 4000896045822



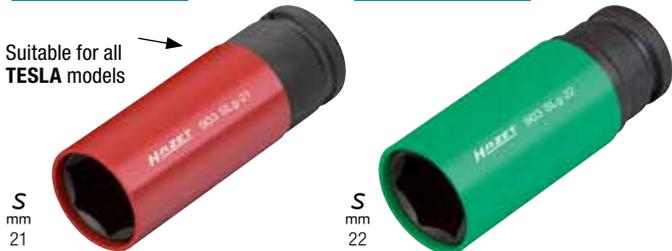
S mm 19

Made in Germany
903SLG-19

EAN-No. 4000896045839



Suitable for all **TESLA** models



S mm 21

Made in Germany
903SLG-21

EAN-No. 4000896055135



S mm 22

Made in Germany
903SLG-22

EAN-No. 4000896155453



Sets

903SLG-17/3 903SLG-19/3



903SPC/3

3

Made in Germany

HAZET No.	S mm	l mm		EAN-No. 4000896 +
903SLG-17/3	17 (3x)	85	3	191697
903SLG-19/3	19 (3x)	85	3	191734
903SPC/3	17 · 19 · 21	85	3	128754

1/2" extra long, 130 mm



S mm 17

Made in Germany
904SLG-17

EAN-No. 4000896100576



Particularly suitable for removing wheels and installing **AMG**-rims and/or aluminium rims with deeply located wheel bolts

S mm 19

Made in Germany
904SLG-19

EAN-No. 4000896203710



Particularly suitable for removing and installing wheels on SUVs e.g. **PORSCHE** Cayenne, Macan; **AUDI** Q7, Q5; **VW** Touareg

S mm 21

Made in Germany
904SLG-21

EAN-No. 4000896227006



Particularly suitable for removing wheels and installing aluminium rims on **HYUNDAI, KIA, TOYOTA, MAZDA** and all **TESLA** models

1/2" special profile, 86 mm long

- Especially for removing wheels and installing **light-alloy rims for hybrid wheel bolts in all new MERCEDES-BENZ** vehicles
- For e.g. **MERCEDES-BENZ** C Class type 204, 204X, E Class type 211, 212, 207; SLK type 172; M Class type 164, 166; S Class type 221, 222, CL Class type 216
- Particularly suitable for removing wheels and installing wheel nuts with special profile s 21 mm on **HYUNDAI** i30, Tucson and **KIA**



Made in Germany
905SLG-17

EAN-No. 4000896198795



S mm 17



Made in Germany
905SLG-21

EAN-No. 4000896201624



S mm 21

1/2" socket set FORD wheel bolt 18 x 20 mm

- Releasing tool **can be used on both sides**, among others for **Ford** models B-Max, C-Max, EcoSport, Fiesta, Focus, GrandC-Max, KA, Kuga, Mondeo, Puma, Ranger, Tourneo, Transit
- Problem: if the chrome cover is damaged or missing, the wheel nut can no longer be operated with the normal 19 mm socket

- Contents:**
- 900SLg-18x20 socket
 - 917S-3 extension



Made in Germany
900SLG-18x20/2
 EAN-No. 4000896242023

1/2" socket FORD wheel bolt 18 x 20 mm

- For impact operation
- Surface: phosphatized, oiled
- Length: 50 mm



Made in Germany
900SLG-18x20
 EAN-No. 4000896241934

1/2" extension

- With locking ball
- For impact operation
- Surface: phosphatized, oiled
- Length: 75 mm



Made in Germany
917S-3
 EAN-No. 4000896241927

Tyre inflators

9041-1 Standard



9041D-1 Digital



9041G-1 Calibrated



HAZET No.	Manometer bar	Hose length mm	Manometer measuring range bar	Graduation mm	Manometer mm	kg	EAN-No. 4000896+
9041-1	8	400	0 – 12	0.1	63	0.4	147076
9041D-1	12	400	0 – 12	0.01	63	0.4	212378
9041G-1	10	1000	0 – 10	0.1	80	0.6	212385

1/2" oil filter wrench

- Operating oil filters and oil filter housings with **outer-Ø 72 mm** and **14-point** especially for **FORD 1.0l / 1.1l and 2.0l EcoBoost engines**
- Positive mounting of the oil filter and oil filter housing
- Required torque-controlled screw tightening is possible
- Outside diameter: 103 mm
- **FORD** models: B-Max, C-Max, EcoSport, Fiesta, Fiesta Active, Focus, Grand C-Max, Grand Tourneo, Connect, Mondeo, S-Max, Galaxy, Tourneo Connect, Tourneo Courier, Transit Connect, Transit Courier



Made in Germany

HAZET No.	Output	S mm	Ø mm	EAN-No. 4000896 +
2169-14	14-point	72	103	244195

1/2" oil filter wrench set

- For operating oil filters and oil filter housings
- Positive mounting of the oil filter housing
- Required torque-controlled screw tightening is possible
- For operation with
 - **2169-12**: Oil filter in **OPEL** models Astra K, Insignia B with 1.5 diesel engines F15DVC, F15DVH with 77KW / 90KW
 - **2169-13**: For operations of the oil filter in **HYUNDAI** i30, Tucson **KIA** Ceed, Sportage, Soul, Stonic with 1.6 CRDI engine
 - **2169-8A**: For operation of the oil filter in **FORD** models e.g. with EcoBoost engines incl. 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

Contents:

- 2169-12
- 2169-13
- 2169-8A



Made in Germany

2169/3
EAN-No. 4000896241989

Oil filter wrench, individual

Made in Germany

HAZET No.	Output	S mm	Ø mm	EAN-No. 4000896 +
2169-12	15 grooves	74.7	107	241798
2169-13	14-point	80	92	241859
2169-8A	15-point	74	105	232956

1/2" oil filter wrench

- Operation of a Purflux oil filter with Ø 76 mm and 12 grooves
- With protective coating
- For e.g. **AUDI, CITROËN, DACIA, FIAT, FORD, MERCEDES-BENZ, NISSAN, PEUGEOT, RENAULT, HONDA, OPEL/VAUXHALL, SUZUKI, VW, SEAT, ŠKODA**
- In various **RENAULT** engines, e.g. K9K engines, the oil filter is located very close to the alternator or starter motor.
Danger: A short circuit can occur here when using a standard oil filter wrench
- Outside hexagon 24 mm / s 76 mm groove profile (6 grooves)

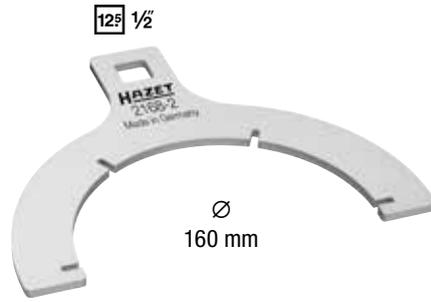


Made in Germany

2169-76B
EAN-No. 4000896230259

Fuel filter releasing tool

- Can be used easily even in areas with restricted access
- For operating the fuel filter housing when changing the fuel filter cartridge on **FORD** Duratorq 2.2 TDCi engines, Transit Custom since 04/2012 →, Tourneo Custom since 04/2012 →, Transit since 08/2013 →
- Output: groove profile
- Length: 130 mm
- Outside Ø: 160 mm



Made in Germany

2168-2
EAN-No. 4000896226870

FORD socket for plastic oil drain plug

- Perfectly designed for plastic oil drain plugs
- Prevents damage resulting from the use of e.g. unsuitable extraction tools
- Special socket for operating the plastic oil drain plug 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** Grandland X 2.0 D model year 11.2017 →; **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 engine model year 02.2016 →; **OPEL/VAUXHALL** Grandland X 2.0 D model year 10.2017 →
- Length: 32 mm

Made in Germany

3420-1
EAN-No. 4000896224159



Unlocking tool for VAG plug connections

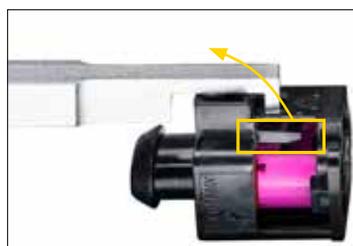
- For non-damaging unlocking of electrical connections on various components and sensors such as injectors, rail pressure sensors, fluid level sensors, ignition coils, vacuum sensors, brake wear sensors, pressure regulators, lighting systems and various other connectors of the VAG group

NEW!



4675-2

Extra-long blade, curved at the head, allows access to hard-to-reach places!



Made in Germany

HAZET No.	Blade length (mm)	Head offset (mm)	l mm	EAN-No. 4000896 +
4675-1	71	–	130	244331
4675-2	132	20	191	244348

Available in April 2022!

Pipe stopper set

4

- Very quick closure of pipes prevents liquids from escaping
- For sealing pipelines in brake systems, air conditioning systems, power steering and fuel systems that cannot be secured with a flexible hose clamp
- For single 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 size 10 mm (3/8")



4591/4

EAN-No. 4000896219650

Universal hook/wedge set

2

- For loosening components such as e.g. door clips as well as for lifting and alignment work, window rubber, door seals, carpets, interior trim
- Plastic wedge: length 214 mm, width 26.5 mm
- Universal hook: length 180 mm



1965/2

EAN-No. 4000896223008

1/2" brake calliper screwdriver socket

- Problem-free operation of the brake calliper screw connection
- Brake calliper screw connection on: e.g. **MERCEDES-BENZ** ML-Class, Type 166, model years 2011 →, **FORD** Mondeo model years 2014 →, C-Max, S-Max and Galaxy model years 2015 →

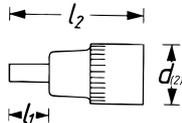


Made in Germany

986LG-11

EAN-No. 4000896216536

l_1 mm	l_2 mm	d_2 mm
60	98	23



Square brake calliper file

- Extra slim design
- For easy removal of stubborn brake dust, rust and dirt from the brake calliper

10 x 10 mm



Made in Germany

4968-6

EAN-No. 4000896218431

l_1 mm	l_2 mm
155	265



Brake line scraper

- Curved design enables work even in cramped and hard-to-reach areas
- For removing dirt, underbody protection and rust from brake lines and for locating concealed corrosion areas
- Application is possible with pulling or pushing
- Replaceable blade
- For brake line \varnothing 4.75 mm
- Length: 245 mm

Made in Germany

HAZET No.	Designation	EAN-No. 4000896 +
4968-12	Brake line scraper	219964
4968-012	Replacement blade for brake line scraper 4968-12	229871

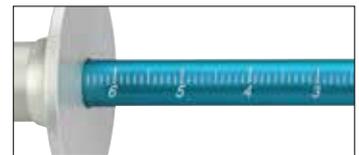


Calliper gauge for brake discs / thickness gauge

- Measurement without wheel removal
- Effortless measurement on the vehicle in the course of direct receptions in the presence of the customer
- **Measuring range: 0 – 60 mm** (also suitable for application on commercial vehicles)
- Easy to handle
- Length: 395 mm
- Note: Information on the wear limits – Please observe vehicle manufacturer's data!

4956-3

EAN-No. 4000896219032

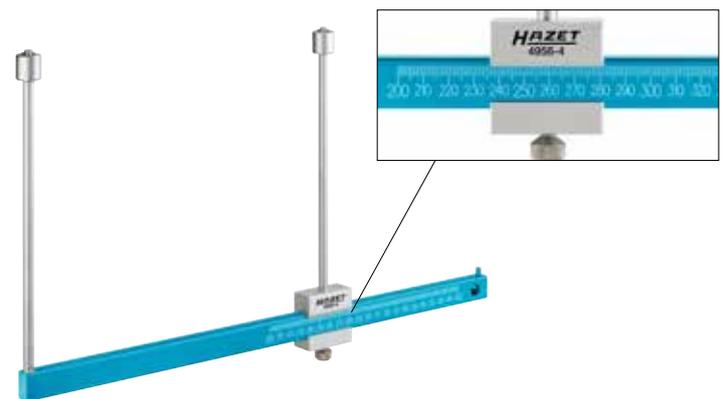
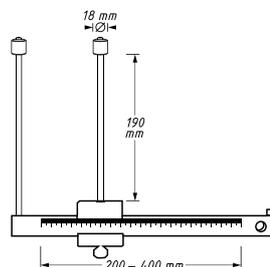


Calliper gauge for brake discs / diameter

- Simple, quick determination of the brake disc diameter through wheel opening without removing the wheels
- For determining the brake disc diameter through rim openings
- **Measuring range: 200 – 400 mm**

4956-4

EAN-No. 4000896222339

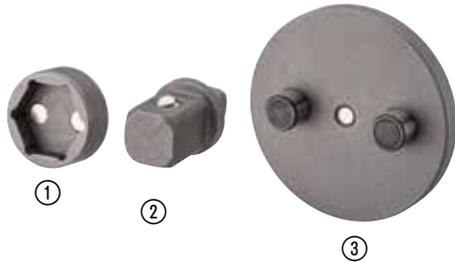


Brake piston readjusting tool set, pneumatic 4

- Universal application due to new 3-piece adapter set as well as optimisation of the HAZET basic unit 4970P-1
- Now also permits use with brake pistons that are extended further
- Suitable for clockwise and anti-clockwise brake pistons
- 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
- Incl. case with soft-foam insert and storage options for additional adapters as well as operating instructions

Contents:

- Basic unit: 4970P-1
- Adapter set: 4970P-02/3, 3 pieces



Universal application thanks to 3-piece adapter set!

Problem solver for extended brake pistons and small brake callipers!

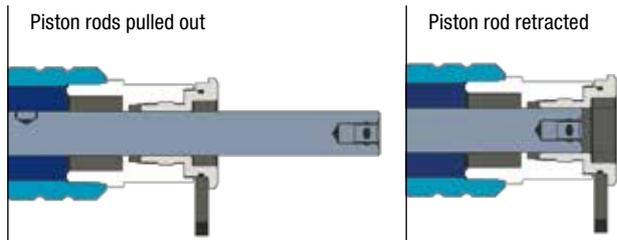
Included adapter set 4970P-02/3 ensures flexible intake for pressure plates of other manufacturers available on the market, e.g.:

- ① Inside hexagon adapter s 13 mm for HAZET adapter of group 4970 or adapter set 4970/5
- ② 10 mm $\frac{3}{8}$ " outside square adapters to connect OEM special adapters e.g. all current **MINI** and **BMW** adapters, **BMW** 1 series up to **BMW X5** brake callipers (current largest calliper), SW-Stahl
- ③ 2-pin adapters e.g. for VIGOR, SW-Stahl, KS-Tools, Facom, BGS, Kunzer

12,91(w) 7,2

Maximum possible return movement of the piston rod into the housing

Application is now also possible with small brake callipers, e.g. on **MINI** and **BMW** 1 series → X5, and even with particularly widely extended brake pistons



4970P-1/4
EAN-No. 4000896232970

Adapter set

- Universal application for numerous vehicles
- Please consider manufacturer's data and brake calliper design

Suitable for use with 4970P-1/4 and 4970-1



Tool Finder



Made in Germany
4970/5
EAN-No. 4000896235544

Also see tool catalogue 2022, page 423

Universal spreader for wheel bearing housing (mechanical)

- Expansion of the spring strut and ball joint mounting (separating the spring strut from the wheel bearing housing)
- Large spreading range enables universal use
- For manual operation
- Output: parallel pressure surfaces
- Spreading range: 5.0–11.5 mm
- Counterhold with $s \leq 17$ mm possible
- Easy handling: parallel pressure surfaces prevent the tool from accidentally popping out or slipping off

Made in Germany

4912-5

EAN-No. 4000896239900



Dimensions H x W x L mm	kg
32 x 39 x 56	0.15



5/16" door hinge screwdriver bit set

8 5/16" 5

- Plug connection 9 x 12 mm square
- All **VW**, **AUDI**, **SEAT**, **ŠKODA** door hinge screwdriver bits in one set
- Torque-controlled screw tightening possible (Please follow the instructions of the manufacturer)
- Installing, removing and adjusting the driver and passenger door:
 - Removing or loosening together with tool holder HAZET 6396
 - Installation with torque wrench HAZET 6290-1CT or 5290-3CT
- For operation with
 - 2597-01: **VW**, **ŠKODA** Fabia 2 model year 2007 → 2014, Roomster model year 2006 → 2015, **AUDI** A5 model year 2007 → 2016
 - 2597-02: **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
 - 2597-03: **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 →
 - 2597-04: **VW** Polo 6 model year 2017 →, T-Cross model year 2018, **ŠKODA** Fabia 3 model year 2014 →, **PORSCHE** Panamera
 - 2100-02: For replacing the screwdriver bits and operating the inside hexagon

Contents:

- 2597 door hinge insert tool, incl. screwdriver bit T45 TORX®
- 2597-02 screwdriver bit (XZN) M10
- 2597-03 screwdriver bit (XZN) M8
- 2597-04 screwdriver bit (XZN) M12
- 2100-02 offset screwdriver

Made in Germany

2597-2/5

EAN-No. 4000896242122



Door hinge screwdriver bit

- Output size: M12
- Length: 22 mm



Actual size

Made in Germany

2597-04

EAN-No. 4000896241972

3/8" clamp pliers for axle boots

3/8"

- For installing axle boots made of Hytrel and bands made of special stainless steel with pre-set torque values, in conjunction with e.g. torque wrench HAZET 5110-3CT / 6110-1CT



Made in Germany

1847

EAN-No. 4000896050918



Sliding hammer

- M 16 x 1.5
- Striking weight: 1.8 kg
- Length: 460 mm

*Suitable for use with
4935-11/12*



Made in Germany

4797-1

EAN-No. 4000896121175



Circlip pliers set

- Easier, 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
- Correct, centred insertion of the circlip when mounting the joint on the drive shaft
- Easy fixing of the locking pliers over the circlip without damaging the bellows
- The pliers automatically slip down when striking the joint
- Suitable for drive shafts from all manufacturers

Contents:

- Circlip pliers 1847-12
- 7x pairs of half shells in graduated diameter sizes:
- Half shells \varnothing : 19 · 21.4 · 22.3–23 · 23.8–24.6 · 26.2–26.9 · 28.5–29.2 · 30 mm



15



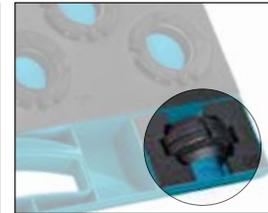
Supplement:

Made in Germany
1847-12/15
EAN-No. 4000896221288



Half shell pair

- Supplement for HAZET circlip pliers set 1847-12/15
- Easy, damage-free installation of the drive shaft joint on VW T5/T6
- Half shell pair: \varnothing 32.8 mm



2

Made in Germany
1847-128/2
EAN-No. 4000896242009



Drive shaft disassembly / assembly set

- For 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 e.g. 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:

- 2x spindles (M14, M16) for pulling the drive shaft through the wheel hub or separating the joint from the drive shaft when the joint has an inside thread
- 2x sleeves for support on the wheel hub
- Spindle nut
- 7x screw sleeve adapters
 - M16 x 1.5 (VAG, MAZDA)
 - M18 x 1.5 (Volvo, SUZUKI, OPEL/VAUXHALL)
 - M20 x 1.5 (MERCEDES-BENZ, VAG, MITSUBISHI, MAZDA)
 - M22 x 1.5 (FIAT, PSA, BMW, FORD, OPEL, HYUNDAI)
 - M24 x 1.5 (RENAULT, BMW, MERCEDES-BENZ, OPEL/VAUXHALL, MAZDA, HONDA, VAG)
 - M27 x 1.5 (PSA, BMW, FORD)
 - M30 x 1.5 (MERCEDES-BENZ, PSA, BMW)



12



Made in Germany
4935-11/12
EAN-No. 4000896217434



Universal inside spring vice set, 6 pieces

- Removal and installation of the coil spring on the rear axle
- Innovative anti-rotation device for lower tensioning jaws integrated in the base component reduces the **outer diameter to only $\varnothing 32$ 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
- For 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**

Contents:

- Inner spring vice 4904-1 (spindle, drive nut, pressure sleeve with anti-rotation device)
- Tensioning jaw 4904-10 · span width 64 – 115 mm
- Tensioning jaw 4904-11 · span width 64 – 115 mm
- Tensioning jaw 4904-12 · span width 79.5 – 133 mm
- Tensioning jaw 4904-13 · span width 79.5 – 133 mm
- Tubular box wrench 4902-224 · s 24 mm

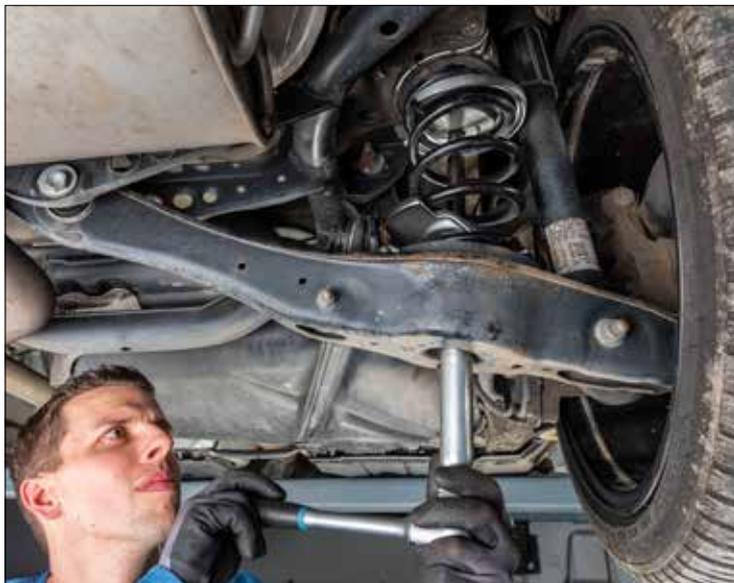
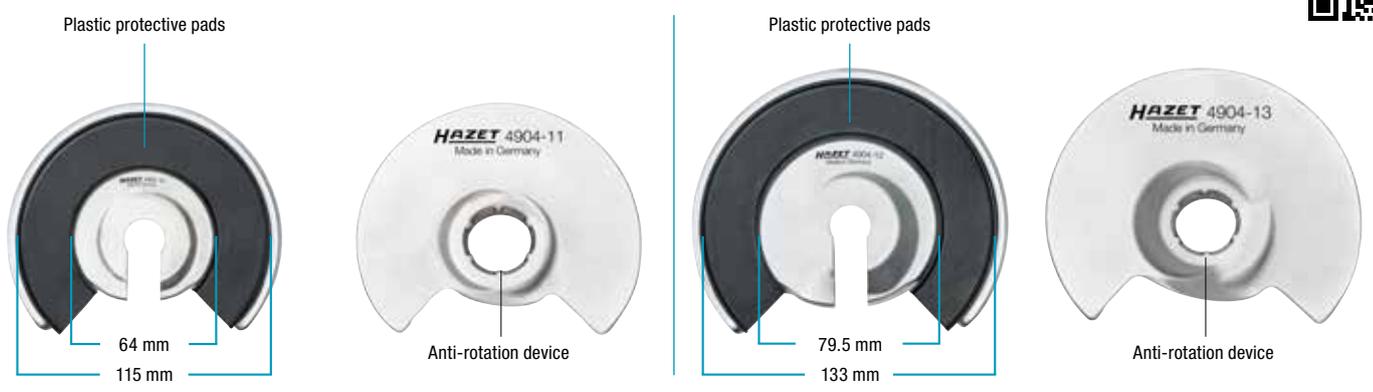
Universal application on almost all passenger cars!

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

Only 202 mm long!





Clamping and counterholding



Counterholding s 13 mm



Anti-rotation device



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

Conclusion: Compact HAZET design enables spring replacement on many vehicles with remarkable time savings!

Made in Germany

4904/6

EAN-No. 4000896238897

Supplement:

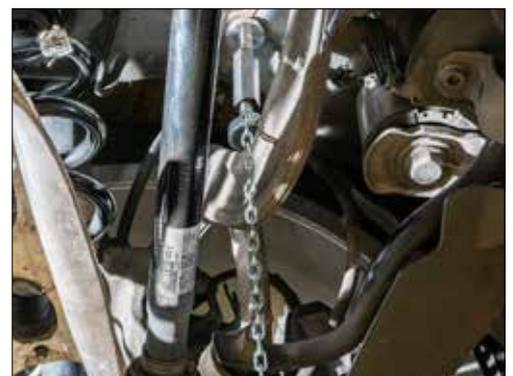
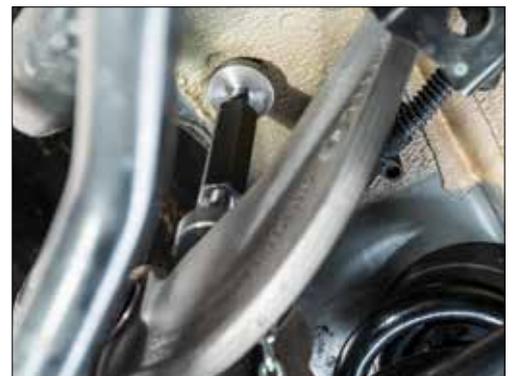
Support device for multi-link axle

- Universal application for nearly all vehicles
- Protective pads prevent damage to the vehicle parts
- Facilitates removal of rear axle springs
- Application in conjunction with 4904/6
- Clamping range: 80 – 127 mm
- Pressure piece diameter: \varnothing 30 mm
- Safety: visual chain provides a reminder for tool removal
- Chain length: 750 mm



\varnothing 30 mm

Prevents unwanted raising of the chassis during a spring tensioning process!



Made in Germany

4912-6

EAN-No. 4000896238835



Stationary universal spring vice

New seating and assembly concept

- Swivelling in horizontal or vertical working position
- HAZET recommendation for 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

Secure 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)

Can be used for almost any spring strut/shock absorber

Load-free disassembly / assembly with completely relieved shock absorber

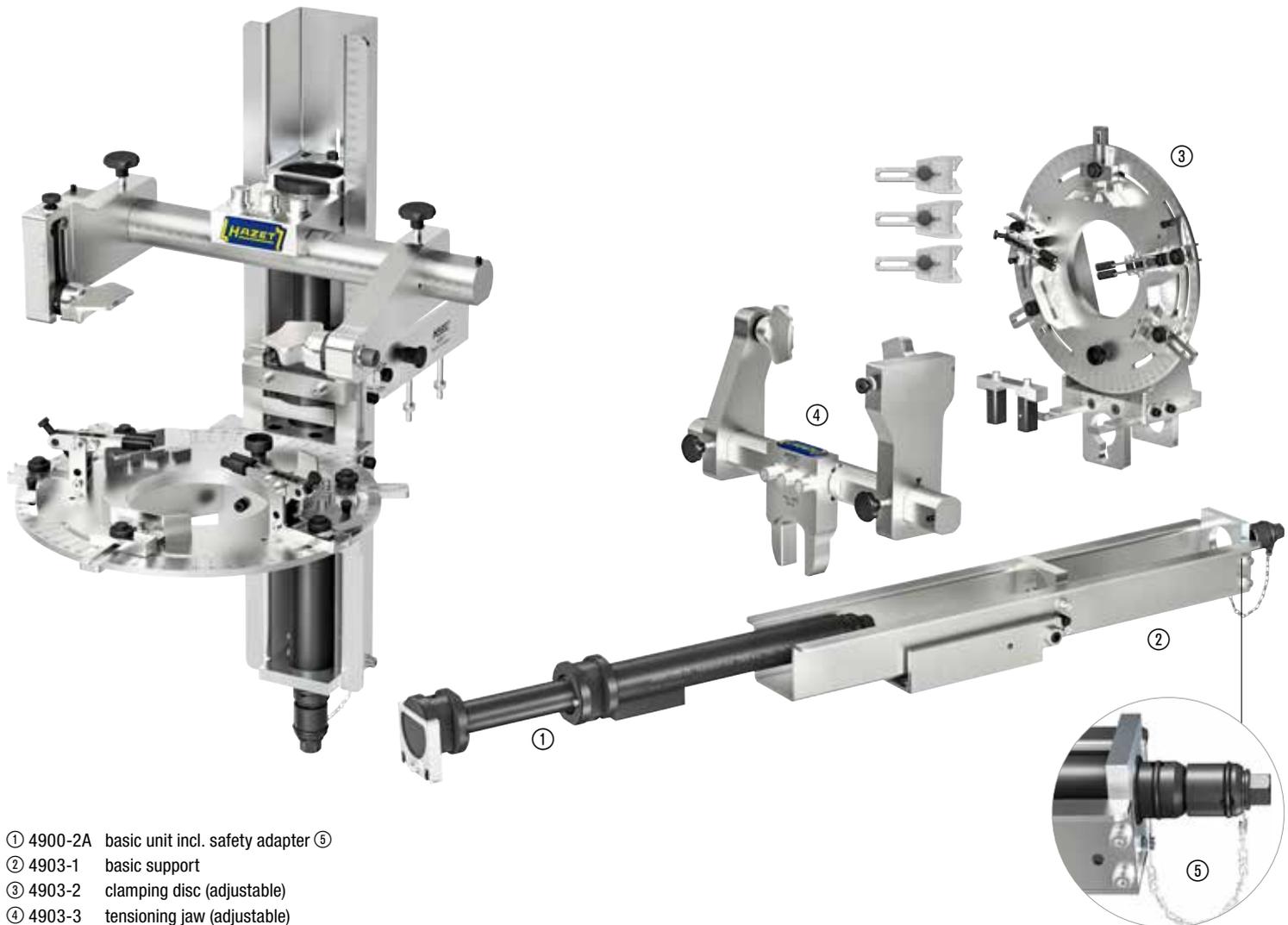
4



Spring vice 4903/4



Spring strut fixation



- ① 4900-2A basic unit incl. safety adapter ⑤
- ② 4903-1 basic support
- ③ 4903-2 clamping disc (adjustable)
- ④ 4903-3 tensioning jaw (adjustable)

Made in Germany

4903/4

EAN-No. 4000896180561

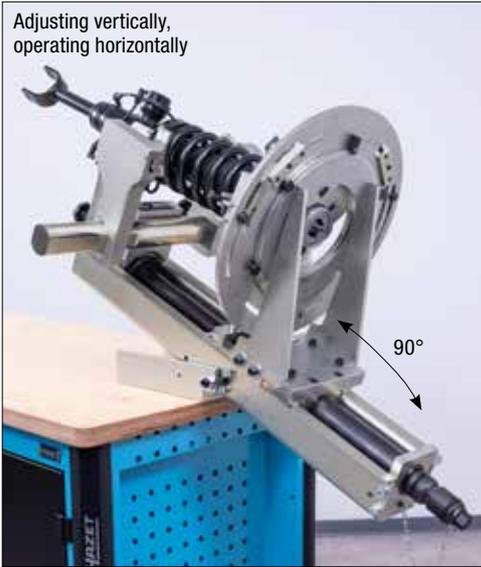
Application video
4903/4



Application video
4903/4 W 203



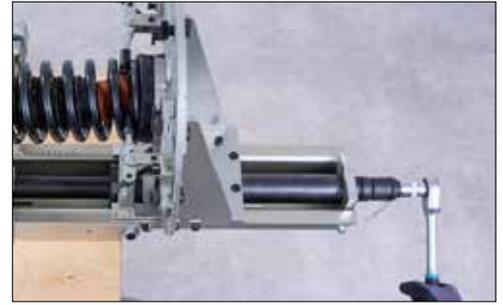
Adjusting vertically,
operating horizontally



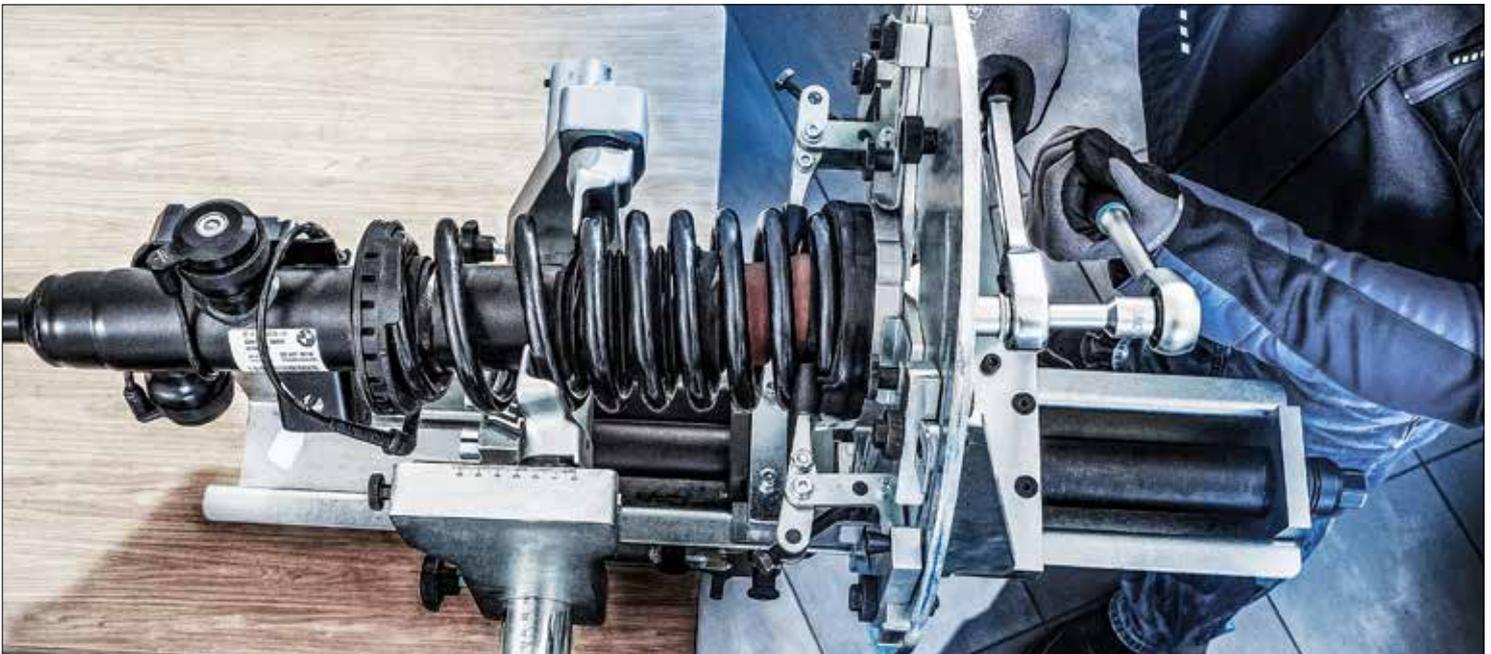
Swivelling



Optimum working height approx. 1.30 m



Optionally with reversible ratchet, cordless screwdriver or air ratchet without activating impact function



Safety spring vice set

- Suitable for impact wrenches
- Closed system – maintenance-free
- Variable system thanks to easily replaceable tensioning jaws
- With socket rail for machinist's vice
- No further special tool necessary
- Suitable for approx. 100 different vehicle types
- **Contents:**
 - Basic unit 4900-2A
 - 4x tensioning jaws each 2 x 4900-11 and 4900-12



5



Made in Germany

4900-2A/5

EAN-No. 4000896086054



Das Werkzeug

378

HAZET
MADE IN GERMANY
Assistant
179 NXXL

MADE IN GERMANY



Tool trolley with 378 expert tools

Assistant®



179NXXL-8

Made in Germany

H x W x D

1,020 x 1,133 x 518 mm

179NXXL-8/378

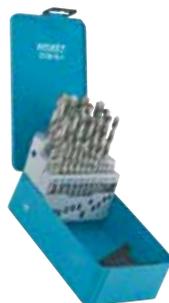
EAN-No. 4000896232390



Tool trolley without assortment

Made in Germany

HAZET No.	Number of drawers
179NXXL-7	7
179NXXL-8	8



2128N-1

163-172x50



163-259/14

163-481/194



163-515/16



163-478/40



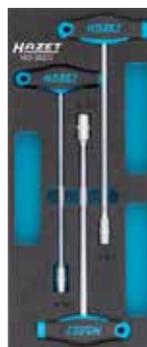
163-380/4



163-527/56



163-382/3



163-479/26



Your HAZET specialist dealer



4 000896 244683

Copyright 2022 © HAZET-WERK Hermann Zverner GmbH & Co KG Güldenwerther Bahnhofstraße 25-29, D-42857 Remscheid, Germany

SWW22/EN/XX/0 1. 02.2022/ 4./JK/MD We accept no liability for printing errors! All rights reserved regarding technical modifications and errors, images may not always correspond to originals and are thus non-binding! ©