SPECIAL 20 WORLDWIDE



Das Werkzeug **NEW! TOTALLY** BATTERY POWER **INSPIRING!** 18 V alid from 1 March 2025 until 28 February 2026. rors excepted.



Assistent® 176N-7 empty / with assortment

176N-7 Tool trolley without assortment

- · Plastic cover with textures and large recessed, fully usable work surface
- · Handle and swivel castors can be mounted either on the left or right



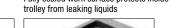








Fully sealed work surface protects inside of





left or right



1	Made in (Germany		
	HAZET No.	Number of drawers	EAN-No. 4000896+	
	176N-7	7	264681	

1018 mm 176N-7

Assortment version 1 · incl. tool trolley

- ① 163-466/106 ♣ ◆ ◆ ○ ⑥ 63 ¼ 22 ½ ◎ ⅓
- ② **163-98/17** s 6 24 mm
- ③ **163-95/8** s 6 x 7 21 x 22 mm
- **④ 163-330/16N ♦** 811 0.5 x 3.0 − 1.2 x 6.5 mm, **♦** 811 PH 1, PH 2, **♦** 810 T 10 − T 30, 320 mm, 500 g

NEW!



176N-7/147 with 147 expert tools incl. tool trolley 176N-7







176N-7/147 EAN-No. 4000896269754



Assortment version 2 · incl. tool trolley

① 163-625/113 ᠍¼ ᠍¼ № ¼ № № № № ♦ ♦ ♦ ♦ ♦ ♦ ♦ №

176N-7/187 with 187 expert tools

incl. tool trolley 176N-7

- ② 163-626/31 ② s 7 24 mm,
- ③ 163-627/18 ◆ 811 0.5 x 3.0 − 1.2 x 6.5 mm, ◆ 811 PH 1, PH 2, ◆ 810 T 10 − T 30, ← 320 mm (500 g)



176N-7/187 EAN-No. 4000896270767













Assortment version 3 · incl. tool trolley

176N-7/193

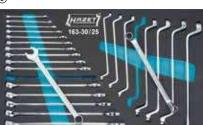
EAN-No. 4000896264810

- ② **163-30/25** s 6 24 mm s 6x7 21x22 mm



176N-7/193 with 193 expert tools incl. tool trolley 176N-7



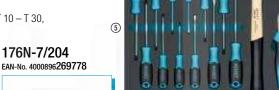






Assortment version 4 · incl. tool trolley

- ② **163-30/25** ② s 6 24 mm, s s 6 x 7 21 x 22 mm
- ③ **163-407/35** s 4 22 mm, M 5 M 18, M 6 M 14, T 20 T 60, № ½
- ④ **163-122/3 ● s** 8, 10, 13 mm







176N-7/204 with 204 expert tools incl. tool trolley 176N-7









Including

2128N-1



Assortment version 5 · incl. tool trolley

176N-7/292 with 292 expert tools incl. tool trolley 176N-7



0000000













NEW!

292

- 1 163-630/76
 10 % 25 ½ O O O
- ② 163-629/100 63 ¼ ◆ ● \$9 ¼
- ③ 163-631/32 **○ ●** ○ ○
- **4** 163-628/32 **9**
- 5 **163-632/27**10 3/6 125 1/2





Assistent® Tool trolley without assortment



HAZET Side walls		EAN-No. 4000896+	
167-3	-	205332	
167-3S	✓	207206	

179N/179NX

Made in (Germany		
AZET No	Number of	EAN-No. 4000896+	

Plastic work surface

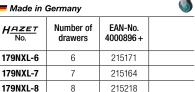
179N-6	6	214570	
179N-7	7	214488	
179N-8	8	214587	
179N-9	9	220236	

Stainless steel work surface						
179NX-6	6	215560				
179NX-7	7	215577				
179NX-8	8	215584				

179NXL

 Stainless steel work surface





179NXXL

5/3+

HAZET No.

179NXXL-7

179NXXL-8

Made in Germany

· Stainless steel work surface



179NW Mobile work bench





Made in Germany

HAZET No.	Number of drawers	EAN-No. 4000896+	
179NW-7	7	219629	
179NW-8	8	222933	

179NXXL-8D/3

- · Extra deep tool trolley
- · Stainless steel work surface





Made in Germany

HAZET No.	Number of drawers	EAN-No. 4000896+	
179NXXL-8D	8	242931	
179NXXL-8D/3	8	245178	

Holder for new CORDLESS TOOL SYSTEM 9500



- For HAZET tool trolley "Assistent" 167-3S · 176N · 178N · 179N · 179NX · 179NXL · 179NXXL · 179NXXL-8D and work bench Assistent 177W and 179NW
- · Simple assembly due to attachment function
- Individual fastening to perforated tool panels with square perforation

EAN-No.

214624

214778

• Easy-to-clean due to smooth coating

Number of

drawers

Holder for cordless tools

- · Securing with locking clip
- · Upper area offers space for chargers and additional
- Square perforation for additional hooks holds up to 3 cordless tools
- L x W x H: 334 x 200 x 152 mm
- · Weight approx. 2.2 kg





Made in Germany 179N-55 EAN-No. 4000896269839

Holder for 2 battery packs

- . Holds up to 2 batteries
- For HAZET perforated tool boards: 176N-26 · 179N-26 · 179NXL-26 · 179NXXL-26 · 179NW-26
- L x W x H: 180 x 15 x 100 mm
- · Weight approx. 0.24 kg





Made in Germany 179N-56 EAN-No. 4000896269815

Holder for HAZET battery charger

- Simple assembly due to attachment function
- · Individual fastening to perforated tool panels with square perforation
- Enables installation of the HAZET battery charger 9501-1018
- For HAZET perforated tool boards: 176N-26
- 179N-26 · 179NXL-26 · 179NXXL-26 · 179NW-26
- L x W x H: 209 x 86 x 146 mm
- · Weight approx. 0.42 kg





Made in Germanv 179N-57 EAN-No. 4000896269792

Valid from 1 March 2025 until 28 February 2026. Errors excepted.





You have the choice between our tool trolley with stainless steel or plastic work surface or the stable work bench. Choose from our range: HAZET Basic or Comfort!





Including HiPer 6.3 1/4" 10 3/8" 125 1/2"

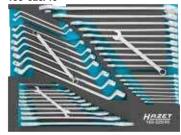
163-513/122N



163-526/41N



163-525/40







Basic assortment with tool trolley 179N-8

179N-8/228 EAN-No. 4000896250394



Basic assortment with tool trolley 179NX-8

179NX-8/228 EAN-No. 4000896250431 Stainless steel work surface



Basic assortment with work bench 179NW-7

179NW-7/228 EAN-No. 4000896250479

Comfort assortment 314 expert tools



Comfort assortment with tool trolley 179N-8

179N-8/314

EAN-No. 4000896250417



Comfort assortment with tool trolley 179NX-8

179NX-8/314

Stainless steel work surface EAN-No. 4000896250455



Comfort assortment with work bench 179NW-7

179NW-7/314 EAN-No. 4000896250493





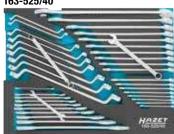
163-513/122N



163-526/41N



163-525/40





163-372/25







Assistent 179NXL-8

179NXL-8/321 with 321 expert tools









179NXL-8/321 EAN-No. 4000896224395











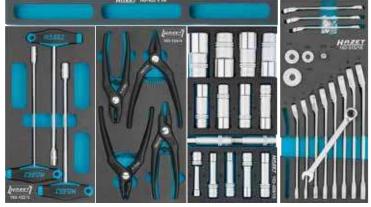
163-480/57N **♀ ○** ○ ○



163-479/26



163-522x50



163-122/3

163-124/4 🖲 🔘

163-459/15 © 125 ½ 163-515/16 ©

Assistent 179NXL-8

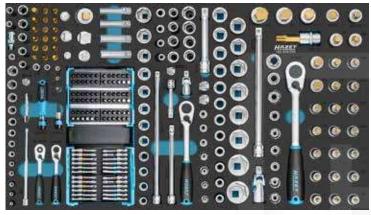


179NXL-8/440 with 440 expert tools



Made exclusively for you by our professional consultants!







Perfect tool set for the passenger car/van workshop!

179NXL-8/440

4/3+

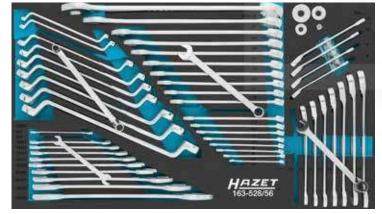
EAN-No. 4000896247974











163-604/34N ♥ ♥ ♥















179NXXL-7/340 with 340 expert tools











Stainless steel

163-481/194N 📦 🔿 🔷 🛟 🗘 63 1/4 10 3/6 125 1/2 🐯 1/4





163-510/8

179NXXL-7/340 EAN-No. 4000896215072

















Assistent® 179NXXL-8



Stainless steel

work surface

179NXXL-8/378 with 378 expert tools



0







163-172x50



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0

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0



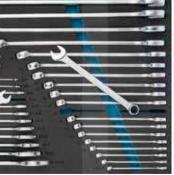


1020 mm

163-478/40 🕲 🗨 🤅





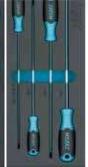




163-527/56N **◆ ○** ○ ○

163-380/4N





163-479/26 € ○ ○ ○





163-382/3

179NXXL-8
Extra wide: 1,133 mm

179NXXL-8/378
EAN-No. 4000896232390

Tool trolley/work bench accessories









HAZET No.	Designation		
161N-3D	Cable drum (without holder)		
161N-3D/2	Cable drum incl. holder		
161N-5D	Socket strip for 179NXXL-8D		
161T-176N/4	Set of separation sheets for flat drawers		
161T-176N/4H	Set of separation sheets for high drawers		
176N-26	Perforated tool panel for 176N-7		
176N-261	Mounting rail		
179-35	Can holder, for 3 cans		
179N-21	Lateral door for 179N · 179NX · 179NXL · 179NXXL		
179N-21D	Lateral door for 179NXXL-8D		
179N-26	Perforated tool panel for 179N · 179NX		
179N-33	Paper bin including holder		
179N-35	Can holder, for at least 4 cans		
179N-40	Basic fixture for 179N · 179NX · 179NXL · 179NXXL · 179NXXL-8D		
179N-42	Laptop holder for 179N · 179NX · 179NXL · 179NXXL		
179N-45	Tablet holder		
179N-46	Impact wrench holder		
179N-50	Bracket for an L-Boxx		
179N-51	Bracket set for two L-Boxxes		
179N-510	Bracing surface for L-Boxx bracket 179N-51		
179N-75	Vice fastening for 179N · 179NX · 179NXL · 179NXXL		
179ND-75	Vice fastening for 179NXXL-8D · 179NXXL-8D/3		
179NW-11	Machinist's vice fastening set		
179NXL-26	Perforated tool panel for 179 NXL		
179NXXL-26	Perforated tool panel for 179NXXL		
180-24	Document holder		
180-34	Holder for paper reel		
2175N	Machinist's vice		



Premium quality tools for construction and finishing work









Made in Germanv

HAZET No.	g	Length mm	EAN-No. 4000896+	
2140N-20	200	280	268344	
2140N-30	300	300	268320	
2140N-40	400	310	268306	
2140N-50	500	320	268283	
2140N-80	800	350	268269	
2140N-100	1000	360	268245	

Splined Bolt

- Splined bolt with washer head ensures a significantly securer connection between head and handle than ring wedges or other
- Effectively prevents the hammer head from flying off
- Tools can be placed on the hammer head as no components protrude from the head

Higher alloyed steel than specified by the DIN standard ensures longer service life of the edge breaker and the entire hammer

Robust, safe design due to splined bolt and steel handle protection sleeve

Splined Bolt



Made in Germany

HAZET No.	g	Length mm	EAN-No. 4000896+	
2142N-1	1000	260	268221	
2142N-2	1250	260	268207	
2142N-3	1500	280	268184	
2142N-4	2000	300	268160	

Steel handle protection sleeve

- Handle protection sleeve ensures highest level of protection against handle breakage in the event of failure
- Increases the flexural strength thanks to surrounding angled stabilising band

· Hickory handle

- Hickory wood reduces vibration, is extremely resistant to bending and durable
- Has three to four times greater resilience safety compared with standard handles made from ash
- The long-fibered wood structure holds the handle together even when damaged
- Even when the wooden handle has aged, the hammer head flying off is still prevented

Tool bag, small, with 51 expert tools



191T-1/51 EAN-No. 4000896**260003**

Assortment

HAZET No.

HAZET No.	Designation	EAN-No. 4000896+	
191T-1L	Tool bag small, empty	258482	

Tool bag, large, with 89 expert tools



Designation

Tool bag large, empty

Assortment 回線器回 EAN-No. 4000896+

Tool set in L-Boxx



Incl. SmartCase 2200SC-1





Made in Germany











Premium quality woodworking tools



- · Easy penetration into the wood due to specially polished cutting edge (lamella grinding technique)
- Very good hold / grip due to particularly ergonomically shaped handle with non-slip special grip end

Designation

Hand axe, 600 g

Wood axe, 1250 g





HAZET No.

2132-600

2133-1250











Original USA hickory wooden handle!





Beam puller

- Tensioning, pulling, pressing of timbers
- · Drop forged, tempered hooks
- Beam puller

• Ergonomic design – with reversible ratchet

• Span: 115 mm • Overall width: 440 mm • Ratchet length: 275 mm

· 2 puller hooks



Made in Germany 1774-1 EAN-No. 4000896180578

Beam/plate puller

- The use of wood screws results in only minor processing marks
- · Suitable for wood types with increased risk of cracking and splitting
- Tensioning, pulling, pressing of timbers
- Suitable for hard-to-reach places (e.g. in angled areas such as sloping roofs etc.)

• Pulling together of corner joints possible • Aluminium plates to prevent discolouration

• Simple and ergonomic handling thanks to reversible ratchet . Smooth running acme thread TR 16 x 5

- \bullet 6 boreholes a 8.5 mm \varnothing per aluminium plate • Span: 115 mm
- Overall width: 581 mm
- Total height: 280 mm
- Aluminium plate size: 150 x 75 mm
- Number of aluminium plates: 2



Avoids the risk of cracks and splits





Made in Germany 1774-2 EAN-No. 4000896264445

Grip pliers wrenches / universal pliers

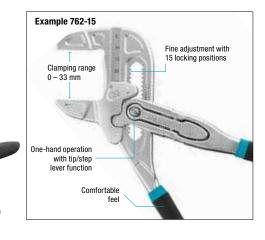


Grip pliers wrenches

- . Compact and at the same time highly resilient
- In four different lengths: 125 · 150 · 180 · 260 mm
 Convenient thanks to quick adjustment with proven HAZET tip/step lever function
- One-hand presetting possible
- · Permanent laser-marked scaling for easy setting and reading
- High corrosion resistance due to chrome-plated, easy-to-clean pliers legs
- · Heavy-duty pliers legs made of case-hardened chrome vanadium steel • Comfortable grip thanks to double dip coating - lies well in the hand
- Fine detent distance enables any wrench size in the clamping range







Made in Germany

HAZET No.	Length mm	Detent distance mm	Number of detent positions		ig range m	EAN-No. 4000896+	
762-12	125	2	12	2 6	2 6	249800	
762-15	150	2	15	33	33	249640	
762-18	180	2	19	42	42	249787	
762-26	260	2.5	20	5 6	5 6	249664	







259861

259885







Universal pliers

- Compact and at the same time highly resilient
- In four different lengths: 125 · 150 · 180 · 260 mm

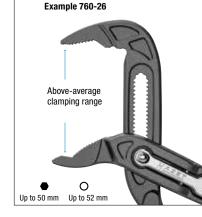
762-018/6 Protective jaws for grip pliers wrench 762-18

762-026/6 Protective jaws for grip pliers wrench 762-26

- Convenient thanks to quick adjustment with proven HAZET tip/step lever function
- · Long service life due to extremely hard jaw serration
- . More force thanks to teeth offset against the direction of rotation
- Precise latching with the aid of laser-cut serration
- · Heavy-duty pliers legs made of case-hardened chrome vanadium steel
- Phosphatised surface
- Pleasant to grip thanks to double dip coating lies well in the hand
- Fine detent distance enables any wrench size in the clamping range

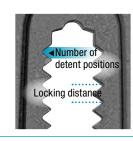






Made in Germanv

made in definiting								
HAZET No.	Length mm	Detent distance mm	Number of detent positions	Clamping range mm	EAN-No. 4000896+			
760-12	125	2	13	2 7 O 32	249749			
760-15	150	2	14	● 34 ○ 38	249688			
760-18	180	2	17	● 36 ○ 42	249763			
760-26	260	2.5	17	5 0 O 52	249701			





Production



Set of grip pliers wrenches and universal pliers

- Contents
 - **760-12** - 762-12



NEW!





Universal plier set

- Contents
 - 760-12
- **760-18** -760-26



Set of grip pliers wrenches

- Contents
- 762-12 **- 762-18**
- 762-26













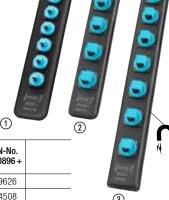






- ▶ Flexible plastic connector strip with 1/4" or 1/2" square slots
- ▶ Easy to clean material and pleasant surface feel
- Securely fixed when locked: turn socket left to remove
- Incl. robust lug for hanging





125 1/2 🔘



	No.	HAZET No.		Number of slots	Dimensions mm	EAN-No. 4000896+	
	1	850SR-7	1/4"	7	245 x 37.4 x 29.2	249626	
	2	900SR-5	1/2"	5	245 x 37.4 x 29.2	244508	
_	3	900SR-8	1/2"	8	365 x 37.4 x 29.2	244515	



- s 5.5 · 6 · 7 · 8 · 10 · 12 · 13 mm
- Made in Germany 850LG-SR/7 EAN-No. 4000896250691



6.3 1/4"

1/2" impact socket

- · Plastic sleeve to protect the rim
- s 17 mm (3x) · 19 mm (2x)









1/2" serration, short

• s M5 · M6 · M8 · M10 · M12 · $M14 \cdot M16 \cdot M18$

Made in Germany 990-SR/8

EAN-No. 4000896245352









1/4" SmartHolder with 29 screwdriver bits, long 50 mm and short 25 mm

reddot winner 2023













O O O 63 1/4

1/4" SmartHolder with 16 screwdriver bits, short 25 mm



HAZET



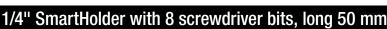


16

2300SH-1 EAN-No. 4000896246588















2304SH-13 EAN-No. 4000896250578





1/4" Screwdriver bit and offset screwdriver set,



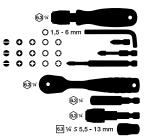






1/4" Socket and screwdriver bit set







2200SC-32 EAN-No. 4000896244546



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





Set includes 12 screwdriver bits 😑 🔾 🔾 🔾 🔾 🚳 🗸 📭 🔀

=	P 2 0	1 44	0.5 x 4.0 · 1.2 x 6.5 mm
0		68 ₩	PH1 · PH2
0	≪ □ □	68 ₩	PZ1 · PZ2
0	-	68 ₩	s 4 · 5 · 6 mm
0	====	63 14ï	T15 · T20 · T25



EAN-No. 4000896239658

Made in Germany

Made in Germanv

EAN-No. 4000896249336

866BH-14

EAN-No. 4000896249329

866BH-4

Set includes 12 screwdriver bits

	1 2	68 ₩	0.8 x 5.5 mm
0	1	68 ₩	PH1 · PH2
0	-	68 ₩	s 3 · 4 · 5 · 6 mm
0	====	63 14	T15 · T20 · T25 · T27 · T30











1/4" Mini bit cordless screwdriver set

- Max. loosening torque: 4.5 Nm • Vibration acceleration: 180 m/s2 • Revolutions per minute: 180
- **Contents:**
- 4 screwdriver bits long, 50 mm:
- PZ1 · PZ 2
- s 4 mm
- T20
- USB charging cable: 1.5 m
- · Matching holster





9230B-1 EAN-No. 4000896250820

866-4



- · Blade length: 7.5 mm and 63 mm

1/4" Telescopic screwdriver bit holder with T-handle



- Total length: 241 394 mm
- Blade length: 205 358 mm

1/4" Spin type speeder with T-handle



- Length: 134 mm
- Blade length: 100 mm



EAN-No. 4000896242979

6.3 1/4"

Long design

- Length: 300 mm
- Blade length: 266 mm

866-10 EAN-No. 4000896241842

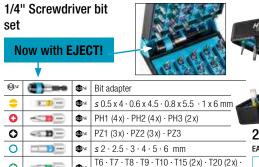












T25 (2x) · T27 (2x) · T30 (2x) · T40 (2x)

T10H · T15H · T20H · T25H · T27H · T30H



Screwdriver series 811 Set | Bit holder



















EJECT

- Screwdriver bits can be accommodated without operating the sleeve – screwdriver bit can also be inserted in locked state
- The screwdriver bit is removed simply by pulling it – quick bit change with only one hand
- Strong permanent magnet to hold the screwdriver bits securely in place









High-voltage screwdriver set for electricians, with protective insulation

• Non-slip HAZET 3-component handle, allows high power transmission with hanging hole

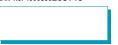
• Voltmeter (839P), 220 – 250 V according to DIN VDE 0680-6

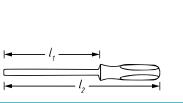
Contents:

- 811KV-PH1, -PH2
- 811KV-25, -35, -40
- -839P

811KV/6

EAN-No. 4000896268146















SLIM BLADES

► Slim, extra-slim (SLIM) shaft on the front side for deeply located screws and other fastening elements which cannot be reached with the standard version (non-SLIM shaft)

Increased safety as well as easier and protected access, as reduced insulation is not worn down













HAZET No.		Slim blade	Blade mm	l ₁	<i>l</i> ₂ mm	EAN-No. 4000896+	
811KV-25	-	-	0.4 x 2.5	75	160	266920	
811KV-30	-	-	0.5 x 3	100	185	266944	
811KV-35	=	✓	0.6 x 3.5	100	185	266968	
811KV-40	-	✓	0.8 x 4.0	100	185	266982	
811KV-55	-	✓	1 x 5.5	125	230	267088	
811KV-65	-	✓	1.2 x 6.5	150	265	267187	





NEW





HAZET No.		Slim blade	Blade mm	l ₁	<i>l</i> ₂ mm	EAN-No. 4000896+	
811KV-PH1	0	✓	PH1	80	185	267200	
811KV-PH2	0	✓	PH2	100	215	267248	
811KV-PH3	0	-	PH3	150	265	267323	





HAZET No.		Slim blade	Blade mm	l ₁	<i>l</i> ₂ mm	EAN-No. 4000896+	
811KV-T20	0	_	T20	80	185	267347	
811KV-T25	0	_	T25	80	185	267361	
811KV-T30	0	_	T30	100	215	267385	





Phase tester

- 220-250 V
- Slotted blade, concave ground
- · With clip

	Slim blade	Blade mm	<i>l</i> ₁ mm	1 ₂
-	-	0.5 x 3.0	70	150



839P EAN-No. 4000896261826









Insulating mat

- For working on high-current parts
- Rubber mat, tested: 50,000 V, according to VDE 0303
- One side smooth and one side anti-slipping, grooved
- Dimensions: 1000 x 1000 x 4.0 mm
- · Carrying strap removable





EAN-No. 4000896174836



HIGH-VOLTAGE TOOLS WITH PROTECTIVE INSULATION

- ▶ For safe and hazard-free working
- ▶ For use up to 1000 volts
- ▶ Test report according to IEC 60900
- ▶ Special HAZET 1000 V protective insulation: two-tone multilayer safety insulation, a red layer on the outside and a yellow layer on the inside



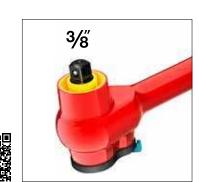


ଛ 1000 ∨

3/8" HiPer fine-tooth reversible ratchet – with protective insulation

- 90 teeth, small operating angle of only 4°
- Sockets are securely locked in place
- · Attached tools can easily be released by pressing the button
- · Increased service life thanks to the use of state-of-the-art lubricants in the ratchet mechanism
- · Locking function of the lever prevents unwanted switching
- · Ergonomic shift lever and release button
- Surface: with protective insulation
- IFC 60900
- Protective insulation up to 1000 V
- · For manual operation





Made in Germany 8816HPKV

EAN-No. 4000896239184



3/8" · 1/2" High-voltage torque wrench, with protective insulation

- Can be calibrated
- Long service life high precision
- · Right/left release within the specified tolerance
- · Adjustment, possible repairs with removal/installation of the KV torque wrench only in the HAZET Service Center







Made in Germany

HAZET No.	Output	Nm range	Release accuracy tolerance %	Length mm	EAN-No. 4000896+	
5108KV	10 3/8	2 – 10	6	275	235421	
5109KV	10 3/8	5 – 25	4	305	235445	
5121KV	125 1/2"	20 – 120	4	420	233397	







10 3/8 10 3/8

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

Joint development with a leading car manufacturer and in accordance with the German TÜV SÜD





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

• Produced according to current DIN specifications optimum protection and highest level of safety thanks to constant quality control

protective insulation 5109 KV



· Recess for retrofitting with 3/8" torque wrench, with (see above)

Universally applicable for all work on highvoltage systems in trade and industry as well as on electric and hybrid vehicles!







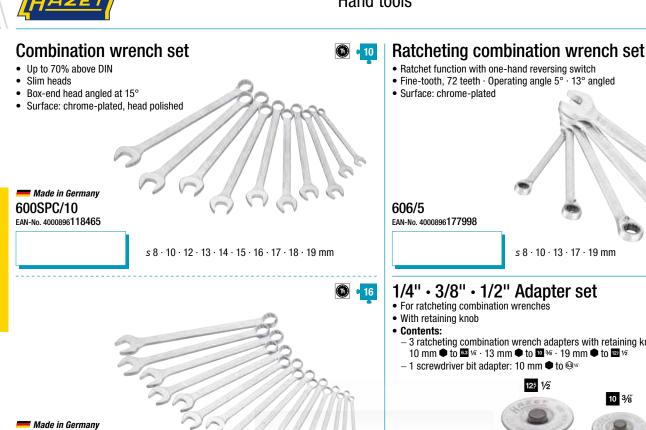


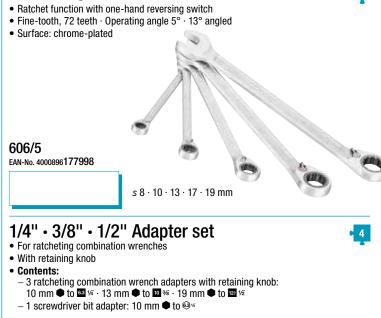


• Surface: with protective insulation











Quick-clamping puller set



600SPC/16

EAN-No. 4000896186235



606/4SPC

EAN-No. 4000896127399





HiPer series Solid steel fine-tooth reversible ratchets

Easy removal of the bit



Push button unlocks screwdriver bit



Easy removal of the screwdriver bit

1/4" HiPer fine-tooth reversible ratchet incl. practical bit extractor

- Makes it easier to remove screwdriver bits with wet or oily fingers and when using gloves
- Innovative design combined with push-button-like function thanks to self-springing element





Made in Germany **863HPB**

EAN-No. 4000896235346



HIPER FINE-TOOTH REVERSIBLE RATCHETS

Developed and produced by HAZET "Made in Germany"



HAZET No.	•	Nm max	Length mm	EAN-No. 4000896+					
Our classics!									
① 863HPB	6.3 1/4	120	116	235346					
② 863HP	6.3 1/4"	120	116	226917					
③ 8816HP	10 3/8	400	200	235063					
④ 916HP	125 1/2	10	275	213894					
⑤ 916HPL	125 1/2	1,000	415	219209					
6 916HPLG	125 1/2	1,000	414 – 614	233076					
		Short des	sign!						
① 916HPK	125 1/2	400	200	244379					
		With safety I	ocking!						
8 863HPS	6.3 1/4"	100	116	237234					
9 8816HPS	10 3/8	340	200	237241					
10 916HPS	125 1/2	850	275	237258					

1/4" Solid steel fine-tooth reversible ratchet for screwdriver bits

- 90 mm short design
- 60 teeth, 6° operating angle
- With locking spring to securely hold the screwdriver bits

Made in Germany

HAZET No.		Nm	Length mm	EAN-No. 4000896+	
863MB	6.3 1/4	120	116	212187	

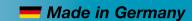






OUR WORKSHOP CLASSICS!

- ▶ Series with large measuring range: 1 800 Nm
- ▶ 15 versions with 1/4" · 3/8" · 1/2" · 3/4" reversible ratchet and reversible ratchet for screwdriver bits or insert square 9x12 · 14x18 mm
- Accuracy \pm 3% of the scale value (5107 \pm 4%) in direction of actuation
- Tested according to DIN EN ISO 6789-2:2017 with calibration certificate and serial number
- HAZET's own service centre for best aftersales service
- Developed and produced by HAZET "Made in Germany"









With reversible ratchet!

SYSTEM 5000-3CT





5120-3CT 1/2" Ratchet in 3/8" length

Made in Germany

HAZET No.	Output	Nm Range	Release accuracy tolerance ± %	Length mm	EAN-No. 4000896+	
5107-3CT	6.3 1/4"	1 – 9	4	234	218875	
5108-3CT	6.3 1/4"	2.5 – 25	3	234	218882	
5110-3CT	10 3/8	10 – 60	3	320	218899	
5111-3CT	10 3/8	20 – 120	3	375	235384	
5120-3CT	125 1/2	10 – 60	3	320	218905	
5121-3CT	125 1/2	20 – 120	3	421	218912	
5122-3CT	125 1/2	40 – 200	3	519	219001	
5123-3CT	125 1/2	60 – 320	3	628	218998	
5143-3CT	125 1/2	100 – 400	3	790	235407	
5145-3CT	20 3/4"	300 - 800	3	1271	218929	







With 1/4" reversible ratchet for screwdriver bits!

SYSTEM 5000-3CT

Made in Germany

HAZET No.	Output	Nm Range	Release accuracy tolerance ± %	Length mm	EAN-No. 4000896+	
5107B-3CT	6.3 1/4	1 – 9	4	234	244584	
5108B-3CT	6.3 1/4	2.5 - 25	3	234	244591	





With insert tool!

SYSTEM 5000-3CT



6.3 1/4"

Made in Germany

,						
HAZET No.	Output mm	Nm Range	Release accuracy tolerance ± %	Length mm	EAN-No. 4000896+	
5280-3CT	9x12	2.5 – 25	3	218	239290	
5290-3CT	9x12	10 – 60	3	291	228904	
5292-3CT	14x18	40 - 200	3	484	228911	











PRECISION THAT INSPIRES: 1/4" TORQUE SCREWDRIVERS FOR BITS

- ▶ High precision and accuracy
- ➤ Unique torque screwdriver for bits on the market with slip clutch (slipper) in 36° steps and free-running ratchet, e.g. for use in confined installation spaces
- ➤ Series with large measuring range: 0.02 10 Nm
- ▶ Release accuracy tolerance: ±6% of the set value
- Release mechanism made of high-alloy tool steel with excellent wear resistance for long service life
- Developed and produced by HAZET
- ▶ Tested in accordance with DIN EN ISO 6789-2:2017



SYSTEM 6004CT with standard handle

 Release accuracy tolerance: ±6% of the set value



Made in Germany

Excellent readability of the torque setting

thanks to large, clear numerical display

Readability

HAZET No.	Nm Range	Release accuracy tolerance ± %	EAN-No. 4000896+	
6004CT-3	2-30 cNm (≙ 0.02 - 0.3 Nm)	6	260027	
6004CT-12	0.2-1.2 Nm	6	260041	

Lock and latch

Easily recognisable locking status thanks to lock symbols





NEW!

SYSTEM 6005CT with sliding T-handle for high torques

- Better power transmission thanks to ergonomic T-handle
- Release accuracy tolerance: ±6% of the set value

Made in Germany

HAZET No.	Nm Range	Release accuracy tolerance ± %	EAN-No. 4000896+	
6005CT-60	1-6 Nm	6	260065	
6005CT-100	4-10 Nm	6	260089	

Freewheel ratchet

"Ratchet function" with free-running mechanism, with right ▶ I left ◀ I fixed switching ■ enables fast work thanks to smooth re-gripping



Quick relay

1/4" Inside hexagon bit holder with convenient quick-release fastener: quick screwdriver bit change with one hand

NEW!











TOTALLY INSPIRING!

REVOLUTIONARY NEW HAZET CORDLESS TOOL SYSTEM – COMPATIBLE WITH ALL DEVICES OF THE NEW SYSTEM 9500



Unique auto stop function: stops machinery as soon as striking mechanism activates



Integrated LED light with persistence afterglow



Remaining time until fully charged



Charge level indicator



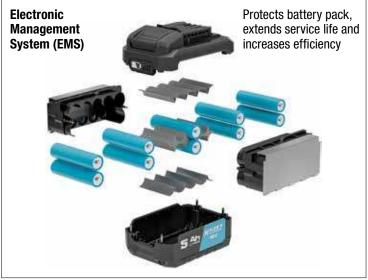
Contact protection against dust and moisture

RECHARGEABLE BATTERY SYSTEM 9500 | 18 V





Brushless motor with high efficiency and long service life



Battery with patented Thermatec® technology: integrated cooling system to extend service life

Battery pack Li-ion,

- · Compatible with all devices in the 9500 series
- Battery pack Li-ion 18 V
- · LED battery capacity indicator on the battery pack
- Electronic Management System (EMS) protects battery pack, extends service life and increases efficiency
- · Charge and discharge protection
- · Dust and splash water protection

2.5 Ah

- 18 V Li-ion battery pack 2.5 Ah
- Dimensions: L x W x H: 120 x 75 x 50 mm
- Weight: 0.42 kg



- 5 Ah
- 18 V Li-ion battery pack 5 Ah
- Dimensions: L x W x H: 120 x 75 x 70 mm
- Weight: 0.74 kg





9500-05

EAN-No. 4000896266166



9500-025 EAN-No. 4000896265138







NEW!

Quick charger for 18 V batteries

- Reaches 80% of the charging capacity after about 30 minutes thanks to a special charging process
- Large LCD display for recognising the state of charge and battery diagnostics (traffic light display)
- Charging time: 18 V: 2.5 Ah battery pack approx. 40 minutes, 5 Ah battery pack approx. 45 minutes
- Discharge and overload protection
- · Integrated battery pack cooling
- . Input voltage: 230 V
- Operating temperature: 0 to 40° C
- . Charging current: 9 A
- Integrated points for wall mounting
- Dimensions: L x W x H: 205 x 150 x 80 mm
- Weight: 0.89 kg

Traffic light display: Shows state of charge in colour (red-amber-green) and remaining time until fully charged







Battery approx. 80% (ready for use)



9501-1018 EAN-No. 4000896265114



Battery starter set

For charging 18 V battery packs

- 2 x Li-ion battery pack 9500-05 (5 Ah, 18 V)
- Quick charger 9501-1018









9500-05/3 EAN-No. 4000896265251





Cordless drill set, 18 V

- Cordless drill 9530-10
- $-\,2$ x Li-ion battery pack 9500-025 (2.5 Ah, 18 V)
- Quick charger 9500-18



- Number of torque stages: 18 + 1
- Drill chuck collet chuck: 1.5 13 mm
- Weight (without battery): 1.14 kg

9530-1/4

EAN-No. 4000896**265213**















1/2" Cordless impact wrench set, 18 V

- Cordless impact wrench 9512-600
- 2 x Li-ion battery pack 9500-05 (5 Ah, 18 V)
- Quick charger 9500-18



Cordless impact wrench 9512-600

- Max. loosening torque: 600 Nm
- Revolutions per minute: 4600
- Weight (without battery): 1.17 kg











NEW!









EAN-No. 4000896265176

RECHARGEABLE BATTERY SYSTEM 9500 | 18 V



Cordless drill, 1/2" cordless impact wrench, cordless right-angle grinder set, 18 V

Contents

- Cordless drill 9530-10
- Cordless impact wrench 9512-950
- Cordless right-angle grinder 9533-10
- 2 x Li-ion battery pack 9500-05 (5 Ah, 18 V)
- Quick charger 9501-1018













Quick charger

 Charger with "traffic light display": Shows state of charge in colour (red-yellow-green) and remaining time until fully charged



5 Ah, 18 V



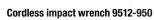
Cordless drill 9530-10

- Number of torque stages: 18 + 1
- Drill chuck collet chuck: 1.5 13 mm
- Weight (without battery): 1.14 kg

9500P-1/6

EAN-No. 4000896265190





- . Max. loosening torque: 950 Nm
- Revolutions per minute: 4600
- · Weight (without battery): 1.17 kg

Cordless right-angle grinder 9533-10

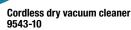
- Revolutions per minute: 10000
- Maximum disc diameter: 125 mm
- Weight (without battery): 1.8 kg

Hybrid cordless radio, cordless dry vacuum cleaner, cordless work light, 18 V

Contents

- Professional hybrid cordless DAB radio 9580-10
- Cordless dry vacuum cleaner 9543-10
- Cordless work light 9579-10





- Filter area: 3000 cm2
- · Container volume: 6 I
- . Weight (without battery): 3.3 kg



NEW!





Cordless work light 9579-10

- 1000 lm
- · LED light head can be swivelled 180° and 270°

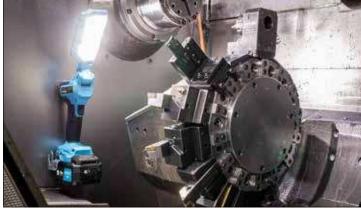




Professional hybrid cordless DAB radio with Bluetooth, 18 V and 230 V 9580-10

- . Bluetooth®, Aux input, USB port, charging option for smartphones, tablets
- DAB and FM
- 2x 10 W
- Weight (without battery): 4.3 kg

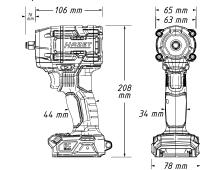






1/2" Cordless impact wrench, compact, 18 V Maximum loosening torque: 600 Nm

- Auto stop function stops the machine as soon as the striking mechanism starts or stops working when it is released: Avoids overtightening or loss of screws and nuts during operation
- Select auto stop function via the "M" button
- Short head length and compact design ensure ideal working in tight installation spaces
- 5-stage synchronised integrated LED light
- Prevents overtightening e.g. of small screws thanks to the option of setting in three different speed ranges ("Speed Command")
- · Clockwise / anticlockwise rotation with switch-on lock
- Max. tightening torque: 406 Nm
- Release torque maximum: 600 Nm
- Idle speed gear · level 1: 0-1000 1/min.
- Idle speed gear · level 2: 0-1800 1/min.
- Idle speed gear · level 3: 0-2700 1/min.
- Idle stroke rate: 0-3750 1/min.
- · Electronic emergency brake
- Ergonomically designed, non-slip rubberised handle
- . LED battery capacity indicator on the battery pack
- Compatible with all 18 V battery packs in the 9500 series
- . Weight (without battery): 1.2 kg





125 1/2

NEW!



Without battery and charger

9512-600

125 1/2

EAN-No. 4000896**265053**





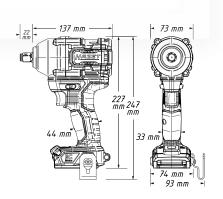
NEW



1/2" cordless impact wrench, 18 V Max. loosening torque: 950 Nm

- Auto stop function stops the machine as soon as the striking mechanism starts or stops working when it is released: Avoids overtightening or loss of screws and nuts during
- Select auto stop function via the "A" button
- · Powerful impact mechanism for maximum performance enables the operation of seized, e.g. rusted screw connections, even in extreme applications
- LED light with persistence afterglow
- Prevents overtightening e.g. of small screws thanks to the option of setting in three different speed ranges ("Speed Command")
- · Clockwise / anticlockwise rotation with switch-on lock
- Tightening torque · level 1: maximum: 150 Nm
- Tightening torque · level 2: maximum: 200 Nm
- Tightening torque · level 3: maximum: 750 Nm
- Release torque maximum: 950 Nm
- Idle speed gear · level 1: 0 1000 1/min.
 Idle speed gear · level 2: 0 2000 1/min.
- Idle speed gear · level 3: 0 2450 1/min.
- · Electronic emergency brake
- . Machine head made of die-cast aluminium in a compact design
- Shock-resistant and extremely durable
- LED battery capacity indicator on the battery pack
- Compatible with all 18 V battery packs in the 9500 series
- . Weight (without battery): 1.9 kg

Patented vibration damping protects the wrist and the battery locking element





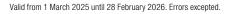




Without battery and charger 9512-950

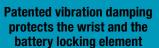
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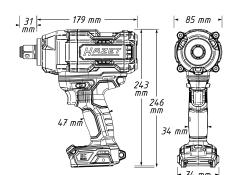




3/4" Cordless impact wrench, 18 V Max. loosening torque: 2100 Nm

- · Auto stop function stops the machine as soon as the striking mechanism starts or stops working when it is released: Avoids overtightening or loss of screws and nuts during operation
- Select auto stop function via the "M" button
- Integrated LED light that can be set to five different levels
- · Prevents overtightening e.g. of small screws thanks to the option of setting in three different speed ranges ("Speed Command")
- Clockwise / anticlockwise rotation with switch-on lock
- · Infinite speed regulation
- Number of torque levels: 3
- \bullet Idle speed gear \cdot level 1: maximum 500 rpm.
- Idle speed gear · level 2: maximum 1000 rpm.
- Idle speed gear · level 3: maximum 1900 rpm.
- Release torque maximum: 2100 Nm
- Idle stroke rate: 0-2350 rpm
- · Electronic emergency brake
- Ergonomically designed, non-slip rubberised handle
- . Machine head made of die-cast aluminium in a compact design
- · Shock-resistant and extremely durable
- . LED battery capacity indicator on the battery pack
- Compatible with all 18 V battery packs in the 9500 series
- Weight (without battery): 3.1 kg















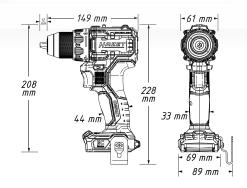
Without battery and charger

9513-2100



Cordless drill, 18 V

- Compact, powerful drill driver with extremely short head length
- · Quick-action drill chuck, metal version with auto-lock function
- Electronic emergency brake
- · Clockwise / anticlockwise rotation with switch-on lock
- · Ergonomically designed, non-slip rubberised handle
- LED light with persistence afterglow
- · Belt clip and bit storage
- Number of torque levels: 18 + 1
- Tightening torque (hard) maximum: 65 Nm
- . Maximum drill diameter: 13 mm
- Idle speed gear · 1st gear: 0-500 rpm.
- Idle speed gear · 2st gear: 0-1800 rpm.
- LED battery capacity indicator on the battery pack
- Compatible with all 18 V battery packs in the 9500 series
- Weight (without battery): 1.14 kg















Without battery and charger 9530-10 EAN-No. 4000896266142





Cordless right-angle grinder, Ø 125 mm, 18 V

- Ergonomic, compact housing design
- Soft start thanks to microprocessor electronics
- · Restart interlock after power failure
- Overload protection
- Temperature control
- . Anti-kickback device stops if the speed drops sharply due to canting
- Removable metal protective grille ensures dust protection
- Angled side handle offers ergonomic arm working position
- Softgrip inlays in the extremely slim grip area ensure a perfect feel
- Quick adjustment of protective cover without tools
- Incl. separation protective hood
- Spindle lock
- Spindle thread: M14
- Compatible with all 18 V battery packs in the 9500 series
- · Without battery · Without charger
- Battery voltage: 18 V
- · Battery capacity: 5 Ah • Disc diameter: 125 mm
- Dimensions L x W x H: 295 x 75 x 120 mm
- Revolutions per minute: 10,000
- · LED battery capacity indicator on the battery pack
- Compatible with all 18 V battery packs of the 9500 series
- Weight (without battery): 1.6 kg







HAZET No.	Spare parts	4	EAN-No. 4000896+	
9233-010/5	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 (125x6x22.23 mm)	10	219087	





Without battery and charger

NEW!

NEW!

9533-10

EAN-No. 4000896265091

Cordless reciprocating saw, long stroke, 18 V

- Compact, powerful device with large stroke (25 mm)
- Bright dual LED light with persistence afterglow
- Tool-free quick-change saw blade system with ejection function ensures contact-free saw blade changes
- Double bearing-mounted lifting rod guide with vibration compensation ensures fatigue-free working
- Swivelling saw support adapts optimally to the workpiece
- Saw blade: 180° reversible
- · Battery capacity: 5 Ah
- Overload protection
- Idle stroke rate: 0 − 3000 rpm
- . Maximum material thickness wood: 210 mm
- · Maximum material thickness aluminium: 30 mm
- Maximum material thickness metal tube: 110 mm











Without battery and charger

9534-10 EAN-No. 4000896265077



HAZET No.	5 flexible reciprocating saw blades each	Length of serration mm	EAN-No. 4000896+	
9234M-150/5	For steel and non-ferrous metal from 2 – 8 mm	130	239382	
9234P-150/5	For wood with nails and faster sawing progress in metal $2-10\ \text{mm}$	130	239405	
9234P-225/5	For wood with nails and faster sawing progress in metal 2 – 10 mm	205	239412	
9234X-150/5	For steel and stainless steel (lnox) from 1.5 – 4 mm	130	239597	
9234W-225/5	For all wood types, plastics as well as plasterboard 6 – 100 mm	205	239429	
9034P-R/5	Reciprocating sabre saw blades	132	218318	



Cordless work light, 1000 lm, 18 V

- LED light head can be swivelled 180° and 270°
- Lights up the work area perfectly
- High-performance LED cordless light with 8 LEDs
- \bullet 3 brightness levels: 200 \cdot 500 \cdot 1000 lm
- Colour temperature 4000 CCT
- Strong integrated magnets guarantee a secure and flexible hold
- . Metal bracket for flexible positioning or for carrying the lamp
- · Belt clip
- Ergonomic grip surfaces with soft grip
- Operating time with 2.5 Ah battery pack 4 hours, with 5 Ah battery pack 9.5 hours.
- . LED battery capacity indicator on the battery pack
- . Compatible with all 18 V battery packs in the 9500 series
- Dimensions L x W x H: 150 x 80 x 210 mm
- Weight (without battery): 0.6 kg







NEW!





Super light!

Without battery and charger



9579-10 EAN-No. 4000896265275



Cordless heat gun, 18 V

- Hot air blower with 2 temperature settings 260°/530° C and 2 air flow settings
- Heating (air flow) up to 300° C in ~ 15 seconds
- Ideal for a wide range of applications: Curing, drying and for stickers. Shaping and shrinking of plastic parts and shrink tubing
- Including flat, reflector and reducing nozzle for numerous applications
- LED light for lighting up the work area perfectly
- Lockable on / off switch
- Compact, ergonomic design
- Maximum air flow rate: 200 I/min
- Temperature levels: 2
- Air flow: 130 · 200 l/min
- Battery capacity: 5 Ah
- . LED battery capacity indicator on the battery pack
- Compatible with all 18 V battery packs in the 9500 series
- · Weight (without battery): 0.6 kg











Without battery and charger



9590-10





Hybrid fan, 18 V and 230 V

- Infinite air volume regulation
- Flexible in use thanks to hook, 1/4" and 5/8" mount and 180° swivelling head
- Operation with 18 V battery or via 230 V power supply unit
- . Threads for construction and photo tripods on the underside (fixing points on the underside) · Running time at maximum speed: approx.
- 2.2 hours with battery pack 2.5 Ah and approx. 4.5 hours with battery pack 5 Ah
- . LED battery capacity indicator on the battery pack
- Battery capacity: 2.5 · 5 Ah
- Air flow: 18.25 m³/min
- . Sound pressure level according to EN 60745: 70 dB (A)
- · LED battery capacity indicator on the battery pack
- . Compatible with all 18 V battery packs of the 9500 series
- Dimensions L x W x H: 213 x 304 x 400 mm
- Weight (without battery): 2.5 kg





NEW!



Hybrid function 18 V and 230 V

Without battery and charger



9544-10 EAN-No. 4000896264995



H<u>AZET</u>

Professional hybrid cordless DAB radio with Bluetooth, 18 V and 230 V

- Robust radio for DAB+ and FM reception
- Speaker output 2x 10 W and bass boost for top sound quality
- Illuminated LCD display · Coloured LED light strip · Digital clock · Retractable, flexible antenna
- \bullet Bluetooth $^{\circledR}\cdot$ Aux input \cdot USB port \cdot Charging option for smartphones, tablets
- · Automatic station search and 5 programme presets
- · Mute function
- Battery voltage: 18 V
- Battery capacity: 2.5 · 5 Ah
- DAB+ frequencies: 174.928 239.200 MHz
- FM frequencies: 87.5 108 MHz
- Protection rating: IP64
- . LED battery capacity indicator on the battery
- . Compatible with all 18 V battery packs of the 9500 series
- Dimensions L x W x H: 369 x 212 x 201 mm
- Weight (without battery): 4.3 kg





230V

Hybrid function 18 V or 230 V

Without battery and charger

NEW!

9580-10

EAN-No. 4000896264971





Cordless dry vacuum cleaner 18 V

· High-performance turbine ensures high suction power and high underpressure: This produces an excellent suction result

• By activating the manual filter cleaning function, the filter element is freed from deposited dust by a targeted blast of air

 Optimised cleaning and increased filling level of the container thanks to flat pleat filter

Accessories storage thanks to integrated holders on the suction head

 \bullet Compact hose \varnothing 32 mm, extendable from 0.5 m to 2.5 m

- · Very handy for easy transport
- Dust protection class L
- · Easy-to-fit chassis available as an accessory
- Eco mode, extends the battery life to up to 30 minutes at a maximum negative pressure of 12,000 Pa
- Operating time with battery pack 5 Ah 15 mins
- · Battery voltage: 18 V
- Battery capacity: 5 Ah
- Maximum underpressure: 12000 Pa
- Filter area: 3000 cm2
- · Container volume: 6 I
- Without suction control
- . Hose length: 2.5 m
- . Number of suction motors: 1
- . LED battery capacity indicator on the battery pack
- Compatible with all 18 V battery packs of the 9500 series
- Dimensions L x W x H: 240 x 200 x 400 mm
- Weight (without battery): 3.3 kg



With carrying strap for mobile use!



Without battery and charger

9543-10

EAN-No. 4000896264957

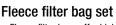
NEW!

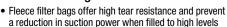
Accessories for cordless and corded dry vacuum cleaners

Cleaning set

- · For hard and soft floor coverings
- . Cleaning set for vacuum 9543-10 and 9643-10
- Contents:
 - Suction hose interior Ø 32 mm x 1.5 m with bayonet connector
 - Support sleeve clip with secondary air control
 - Quick release ring clip red
 - 3 x 360 mm plastic extension tube
 - Hand pipe
 - Combination nozzle with brushes and rubber strip







• Fleece filter bags for our vacuums 9543-10 and 9643-10

. Long lasting fleece filter bag of class L



9543-01/5 EAN-No. 4000896**270965**

Corded tool SYSTEM 9600 | 230 V

230V

Right-angle grinder Ø 125 mm

- Soft start thanks to microprocessor electronics
- Restart interlock after power failure
- Anti-kickback device stops if the speed drops sharply due to canting
- Removable metal protective grille ensures dust protection
- · Ergonomic arm working position thanks to slanted side handle
- · Lockable slide switch
- Auxiliary handle
- Quick adjustment of protective cover without tools
- Spindle lock
- Spindle thread: M14
- Disc diameter: 125 mm
- Voltage 230 V
- Power consumption 1100 W
 Power output 680 W
- Frequency 50/60 Hz
- Cable length: 4 m
- Revolutions per minute: 12000
- Vibration acceleration Ah: 7.8 m/s² (uncertainty: K = 1.5 m/s²)
- Sound pressure level LPA: 90 dB (A)
- \bullet Sound power level LWA: 110 dB (A) (uncertainty: K = 3 dB)
- Dimensions L x W x H: 275 x 75 x 105 mm
- · Weight: 2 kg









EAN-No. 4000896**264919**



NEW!

Dry vacuum cleaner with chassis

- High-performance turbine ensures high suction power and high underpressure: This produces excellent suction results
 By activating the manual filter cleaning function, the filter element is
- freed from deposited dust by a targeted blast of air
- . Optimised cleaning and increased filling level of the container thanks to flat pleat filter
- · Accessories storage thanks to integrated holders on the suction head
- \bullet Compact hose \varnothing 32 mm, extendable from 0.5 m to 2.5 m
- · Very handy for easy transport
- Dust protection class L
- Voltage: 230 V
- Power consumption 1200 W
- Maximum underpressure: 23000 Pa
- Filter area: 3000 cm²
- Container volume: 6 I · Cable length: 5 m
- . Dust protection class L
- Hose length: 2.5 m
- Number of suction motors: 1
- Dimensions L x W x H: 300 x 230 x 440 mm
- Weight: 4.7 kg





230V

With carrying strap for mobile use!



9643-10 EAN-No. 4000896264933

NEW!

NEW!

Flat pleated filter

- Dirt-repelling surface and long service life
- Flat pleated filter four our 9543-10 and 9643-10 vacuums
- · Class L paper flat pleated filter



9543-02

EAN-No. 4000896270941

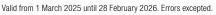
Chassis

- · Easy to install
- Chassis for our 9543-10 and 9643-10 vacuums
- · Equipped with four plastic castors, of which two are swivel castors



9543-03

EAN-No. 4000896270927





TwinTurbo



THE STRONGEST HAZET **IMPACT WRENCH SERIES** EVER!

- ▶ 1/2" · 3/4" · 1" Twin Turbo impact wrenches to 4100 Nm power
- Twin Effect More power in less time!
- Two air inlets and four air outlets
- 8-blade air motor with 25% higher impact performance ensures maximum torque
- ▶ HAZET's own service centre for best aftersales service



Extremely compact

Max. loosening torque: 550 Nm

- Recommended torque: 450 Nm
- · Sound power level (at working pressure): 103.9 db(A) Lp W
- · Sound pressure level (at working pressure): 92.9 dB(A) Lp A
- Vibration acceleration: 7.64 m/s²
- Revolutions per minute: 8000
- Air requirement: 113 I/min
- Loosening torque (max) determined with screw size M: 16
- · Weight: 1.1 kg
- Housing length: 70 mm



9012PTT

125 1/2

EAN-No. 4000896252732



Can be swivelled 120°

Max. loosening torque: 550 Nm

- · Recommended torque: 450 Nm
- Sound power level (at working pressure): 101.1 db(A) Lp W
- Sound pressure level (at working pressure): 90.1 dB(A) Lp A
- Vibration acceleration: 4.89 m/s²
- Revolutions per minute: 8000 • Air requirement: 113 I/min
- · Loosening torque (max.) determined with screw size M: 16
- · Weight: 1.3 kg
- Housing length: 70 mm



Short: only 128 mm

Max. loosening torque: 2200 Nm

- Recommended torque: 948 Nm
- Sound power level (at working pressure): 110.7 db(A) Lp W
- Sound pressure level (at working pressure): 99.7 dB(A) Lp A
- Vibration acceleration: 8.69 m/s²
- Revolutions per minute: 8300
- Air requirement: 147.2 I/min
- Loosening torque (max.) determined with screw size M: 16
- · Weight: 1.6 kg
- . Housing length: 128 mm





125 1/2

3/4" Impact wrench in 1/2" housing size

Max. loosening torque: 1890 Nm

- Recommended torque: 900 Nm
- . Sound power level (at working pressure): 110.3 db(A) Lp W
- Sound pressure level (at working pressure): 99.3 dB(A) Lp A
- Vibration acceleration: 11.39 m/s2
- Revolutions per minute: 8000
- Air requirement: 150 I/min
- Loosening torque (max.) determined with screw size M: 26
- · Weight: 1.7 kg
- . Housing length: 128 mm



9013MTT compared with 9013TT

HAZET 9013MTT EAN-No. 4000896258062



Valid from 1 March 2025 until 28 February 2026. Errors excepted.

HAZET

Short: only 184 mm

Max. loosening torque: 4100 Nm

- Recommended torque: 1890 Nm
- Sound power level (at working pressure): 110.5 db(A) Lp W
- Sound pressure level (at working pressure): 99.5 dB(A) Lp A
- Vibration acceleration: 10.69 m/s²
- Revolutions per minute: 5200
- Air requirement: 243.5 I/min
- Loosening torque (max.) determined with screw size M: 32
- Removable handle, 360° adjustable
- Weight: 4.5 kg
- Housing length: 184 mm







Long spindle: 186 mm

Max. loosening torque: 3800 Nm

- Recommended torque: 1758 Nm
- Sound power level (at working pressure): 113.5 db(A) Lp W
- Sound pressure level (at working pressure): 102.5 dB(A) Lp A
- Vibration acceleration: 9.02 m/s2
- Revolutions per minute: 5200
- Air requirement: 243 I/min
- Loosening torque (max.) determined with screw size M: 32
- Removable handle, 360° adjustable
- Weight: 5.5 kg
- Housing length: 184 mm
- Length of spindle: 186 mm



Strong and handy

Max. loosening torque: 4100 Nm

- Recommended torque: 1898 Nm
- Sound power level (at working pressure): 112.9 db(A) Lp W
- Sound pressure level (at working pressure): 101.9 dB(A) Lp A
- Vibration acceleration: 19.11 m/s²
- Revolutions per minute: 5200
- Air requirement: 235 I/min
- \bullet Loosening torque (max.) determined with screw size M: 32
- Removable handle, 360° adjustable
- Weight: 4.6 kg
- Housing length: 184 mm







Long spindle: 240 mm

Max. loosening torque: 3850 Nm

- Recommended torque: 1627 Nm
- Sound power level (at working pressure): 113.5 db(A) Lp W
- Sound pressure level (at working pressure): 102.5 dB(A) Lp A
- Vibration acceleration: 17.31 m/s²
- Revolutions per minute: 4600
- Air requirement: 235 I/min
- Loosening torque (max.) determined with screw size M: 32
- Removable handle, 360° adjustable
- Weight: 5.9 kg
- Housing length: 184 mm
- Length of spindle: 240 mm



Compact

design!

HAZET

Max. loosening torque: 461 Nm

- · Compact design for work in confined spaces
- Single hammer striking mechanism
- Revolutions per minute: 6500
- Air requirement: 85.2 I/min
- Sound pressure level (at working pressure): 90.3 dB(A) Lp A
- Vibration acceleration: 7.78 m/s²
- Weight: 1.2 kg
- Housing length: 92 mm



9011M EAN-No. 4000896201570

No.		
UOZET	Silicone protective	FAN-No

HAZET No.	Silicone protective cover	EAN-No. 4000896+	
9012M-S	Suitable for 9011M	202232	

10 3/6 | Max. loosening torque: 1200 Nm

- Compact design for work in confined spaces
- Single hammer striking mechanism
- Revolutions per minute: 8800
- Air requirement: 127.4 I/min
- Sound pressure level (at working pressure): 92.2 dB(A) Lp A
- Vibration acceleration: 13.49 m/s²
- Weight: 1.3 kg
- Housing length: 81 mm



125 1/2





EAN-No. 4000896218356



HAZET No.	Silicone protective cover	EAN-No. 4000896+	
9012M-1-S	Suitable for 9012M-1	222735	

Max. loosening torque: 54 Nm

- The open 17 mm inside hexagon means it is also possible to work on extra long threads
- Can be used for 63 1/4, 10 3/6 and 10 by replacing the ratchet heads

17 mm

- Sound power level (at working pressure): 93.4 db(A) Lp W
- Sound pressure level (at working pressure): 82.8 dB(A) Lp A
- Vibration acceleration: 1.80 m/s²
- Revolutions per minute: 400
- Air requirement: 84 l/minWeight: 0.48 kg
- Length: 160 mm





Mini and multifunction

6.3 1/4"

10 3/8

9023M-1 EAN-No. 4000896227112

Max. loosening torque: 40 Nm

- For manual retightening with torque values > 60 Nm
- Sound power level (at working pressure): 101 db(A) Lp W
- Sound pressure level (at working pressure): 90 dB(A) Lp A
- Vibration acceleration: 3.30 m/s²
- Revolutions per minute: 250
- Air requirement: 72 I/min
- Weight: 0.5 kg
- Length: 150 mm



1/4" Mini version

9020P-2

EAN-No. 4000896184323

Max. loosening torque: 54 Nm

- For manual retightening with torque values > 260 Nm
- Sound power level (at working pressure): 103 db(A) Lp W
- Sound pressure level (at working pressure): 92 dB(A) Lp A
- Vibration acceleration: 3.90 m/s2
- Revolutions per minute: 300
- Air requirement: 103 I/min
- Weight: 0.5 kgLength: 150 mm



3/8" Mini version

9021P-2 EAN-No. 4000896184545



Closed head

125 1/2

Max. loosening torque: 108 Nm

- For manual retightening with torque values > 400 Nm
- Sound power level (at working pressure): 110 db(A) Lp W
- Sound pressure level (at working pressure): 99 dB(A) Lp A
- Vibration acceleration: 9.10 m/s²
- Revolutions per minute: 280
- Air requirement: 113 I/min
- Weight: 1.24 kg • Length: 258 mm







9022P-2 EAN-No. 4000896184538

Pin clutch mechanism

125 1/2

Max. loosening torque: 102 Nm

- For manual retightening with torque values > 270 Nm
- Sound power level (at working pressure): 98 db(A) Lp W
- Sound pressure level (at working pressure): 91 dB(A) Lp A
- Vibration acceleration: 4.53 m/s²
- Revolutions per minute: 400
- Air requirement: 113 l/min
- Weight: 1.28 kg
- Length: 280 mm







9022SR-1 EAN-No. 4000896170593

360° operating lever

125 1/2

Max. loosening torque: 120 Nm

- For manual retightening with torque values > 400 Nm
- Sound power level (at working pressure): 102.2 db(A) Lp W
- Sound pressure level (at working pressure): 91.2 dB(A) Lp A
- Vibration acceleration: 4.87 m/s²
- Revolutions per minute: 200
- Air requirement: 107.6 I/min
- Weight: 1.55 kg
- Length: 285 mm









9022-360 EAN-No. 4000896209781



Micro die grinder

• Revolutions per minute: 60000

- Power: 190 watts
- Collet chuck: 3 mm



9032MK

EAN-No. 4000896248346

Accessories	

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

Micro die grinder, angled



9032M-53

EAN-No. 4000896246205

Accessories

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

Mini die grinder

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

• Revolutions per minute: 30000







9032M-36

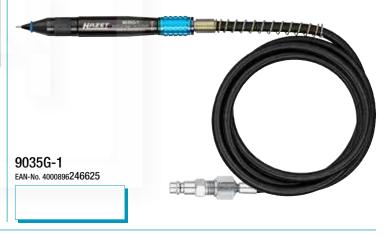
EAN-No. 4000896 209606			

Accessories

HAZET No.	Carbide milling pin set	EAN-No. 4000896+	
9032-03/5	3 mm (5 pieces)	222483	
9032-06/3	6 mm (3 pieces)	222667	

Engraving pen

- Power: 186.4 watts
- \bullet Precise and lasting marking (theft protection, installation date, etc.) on workpieces (up to HRC55) \cdot metals \cdot stone \cdot ceramics \cdot plastics
- Revolutions per minute: 13000



Die grinder, straight design

- Power: 224 watts
- · Lightweight, handy device for grinding, polishing, burnishing and deburring
- · Collet chuck: 6 mm
- Revolutions per minute: 2000-25000



9032N-1

EAN-No. 4000896189359



Die grinder, angled

- Power: 224 watts
- · Grinding, polishing, burnishing and deburring, particularly in areas that are difficult to access
- · Continuous speed regulation via setting wheel on the upper side of the device
- · Collet chuck: 6 mm
- Revolutions per minute: 2000-20000



9032N-5

EAN-No. 4000896198788

Belt sander

- Power: 417.6 watts
- Incl. hex-head wrench for fine adjustment of the belt and angle setting in the handle
- Revolutions per minute: 19000



9033N-4

EAN-No. 4000896210183



Abrasive belts

HAZET No.	Spare parts	4	EAN-No. 4000896+	
9033-480/10	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	

Right-angle grinder

- Power: 671 watts
- For grinding wheels 0.8-6 mm thick
- Revolutions per minute: 12000



HAZET No.	Spare parts	4	EAN-No. 4000896+	
9233-010/5	Cut-off wheel set (125 x 1 x 22.23 mm)	5	219063	
9233-010/25	Cut-off wheel set (125x1x22.23 mm)	25	219070	
9233-011/10	Rough grinding wheel set (125x6x22.23 mm)	10	219087	

Angle grinder

- Power: 700 watts
- Revolutions per minute: 14000



9033P-8

EAN-No. 4000896190515





HAZET No.	Spare parts	-	EAN-No. 4000896+	
9033P-08/5	Cut-off wheel set	5	201549	
9033P-08/25	Cut-off wheel set	25	201402	

Cut-off grinder

- Power: 522 watts
- For cut-off wheels 76 x 2.1 x 10 mm
- Including 1 cut-off wheel
- Revolutions per minute: 2000-18000



HAZET No.	Spare part	4	EAN-No. 4000896+	
9033-010/5	Cut-off wheel set	5	199969	

Orbital sanders

- Power: 375 watts
- Dust extraction
- Suction hose (2.0 m) and collection bag included
- \bullet Grinding disc with 15 bore holes, \varnothing 150 mm with hook and loop fastener
- Air requirement: 57 I/min
- Weight: 0.9 kg
- Length: 231 mm

















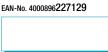
HAZET No.	Snare narte		EAN-No. 4000896+	
9033-180/10	Grinding pad set, grain size 80	10	139330	
9033-1100/10	Grinding pad set, grain size 100	10	139347	
9033-1120/10	Grinding pad set, grain size 120	10 139354		
9033-1150/10	Grinding pad set, grain size 150	10	139361	
9033-020	15-hole grinding disc, Ø 150 mm	10	156351	

Mini disc sander, angled

- Power: 224 watts
- · Heavy-duty multi-bearing gearbox with a 2.5-times longer service life compared to conventional gearboxes
- Roloc® quick-change system: Combines with many abrasive media
- Grinding disc: Ø 50 mm
- Weight: 0.44 kg
- Length: 133 mm



9033M-11





Grinders / sanders | Polishers | Needle scalers

Bristle grinder set

- For using with various grinding media to remove rust, paint, adhesive and sealing residues or to clean metal surfaces and weld seams
- Roloc[®] quick-change system allows the abrasive media to be changed quickly and easily without needing to use any extra tools
- Sound power level (at working pressure): 86 db(A) Lp W



17 pieces



• Vibration acceleration: 3.11 m/s²

• Revolutions per minute: 15000

Air requirement: 79 I/min

• Weight: 0.54 kg

• Length: 112 mm Height: 152 mm



HAZET No.	Spare parts					
9033-11-015	1	Bristle grinding disc, ¹ / ₄ " UNC Roloc [®] , Ø 50 mm	1	222841		
9033-11-020/4	2	Strip wheel set, \varnothing 50.8 mm Roloc®, hard version	4	222834		
9033-11-030/4	3	$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $				
9033-11-036/2	4	 ④ Spare bristle grinder set, purple, Ø 50 mm Roloc[®], grain size: 36 2 222872 				
9033-11-050/2	(5)	Spare bristle grinder set, green, Ø 50 mm Roloc [®] , grain size: 50	2	222865		
9033-11-0120/2	6	Spare bristle grinder set, white, Ø 50 mm Roloc®, grain size: 120	2	222858		

Mini polisher

9033-11/17 EAN-No. 4000896222575

- Power: 224 watts
- · Heavy-duty multi-bearing gearbox with a 2.5-times longer service life compared to conventional gearboxes
- Grinding disc: Ø 50 mm



Contents: 1 polisher

9033N-9

EAN-No. 4000896205561

1 wet grinding pad, Ø 75 mm

Mini polisher set

· Revolutions per minute: 3200

• Power: 238 watts

- 1 plastic pad, hard (yellow)
- 1 plastic pad, soft (white) - 1 lambskin
- 1 adjusting wrench





9033M-9

EAN-No. 4000896227235



Mini orbital sander set

- Power: 238 watts
- · With hook and loop fastener • Revolutions per minute: 15000

Contents:





- · Gentle cleaning of soiled / rusted parts especially cleaning of e.g. brake systems
- · Adjustable needle carriage with integrated needle guide ensures long service life
- 13 thin stainless steel needles ensure damage-free processing and highly fine surface structure

• 28 mm slim / short pin form and free needles allow you to reach difficult to access areas as well





HAZET No.	Spare parts	· #	EAN-No. 4000896+	
9035M-050	Spare needles for mini needle scaler 9035 M-6, Ø 1.3 mm	13	233205	

9035M-6 EAN-No. 4000896258109 1





9035V/5

EAN-No. 4000896213368



Chisel hammer set

· Detaching car body sheets with compressed air and for industrial application

. Strike rate adjustable in 9 levels up to 2600 strikes/min

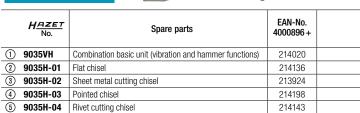
· Including keyless drill chuck

• Length: 211 mm

Height: 189 mm

9035H/6

EAN-No. 4000896214655



More vibration chisels

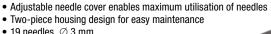


HAZET No.			EAN-No. 4000896+	
① 9035V-05	Flat vibration chisel	1	227266	
② 9035V-06	Vibration drift pin 6 mm	1	227259	
③ 9035V-08	Vibration drift pin 8 mm	1	227297	
④ 9035V-09	Curved vibration chisel	1	227280	
⑤ 9035V-010	Vibration drift pin 10 mm	1	227273	

• Precisely removing rust and such

Needle scaler

• Pistol shape





9035-5



HAZET No.	Designation	÷	EAN-No. 4000896+	
9035-050	Spare needles for needle scaler 9035-5, Ø 3 mm	19	139385	

Sabre saw

9035H-05

- Support frame, adjustable in height, suitable for double-walled sheet steel
- · Increased efficiency with reduction of weight, air consumption, noise generation and vibration

Curve cutting chisel

- Direction of air exhaust adjustable
- · Suitable for cutting small radii
- · Cutting capacity aluminium: 4 mm
- Cutting capacity sheet steel: 3 mm
- Strokes/min.: 9500
- · Particularly suitable for cleaning sensor modules etc., due to file blade socket (included in delivery)







214525



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



Air blow and suction gun, switchable

- Sucking up dirt into the collection bag as well as for blowing surfaces clean
- · Deflector special bag insert protects the bag against damage, e. g. due to swarfs, by preventing direct impact of the accelerated swarfs
- · One-hand reversing switch
- Metal housing
- · Vacuum level: 7.5 mmHg

9043N-10 EAN-No. 4000896198382

Incl. accessories



HAZET No.	Spare parts		EAN-No. 4000896+	
9043N-10-07/2 Dust collecting bag set		2	202607	
9043N-10-08/2	Fine dust bag set	2	222827	

Cooling system rinser, wash-gun set

- · Effective, powerful and solvent-free cleaning of e.g. cooling systems with graduated system cleaning nozzle
- · Cleaning 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
- Temperature range: -10 °C to +40 °C

- Water connection variants: 13 mm (1/2") nipple for water coupling (Gardena system compatible) or 20 mm (3/4") GHT thread
- Graded system cleaning nozzle
- Jet washing nozzle



	9048P-2/3 EAN-No. 400089623
•	

Car body gun

- For underbody protection and cavity sealing
- · Suitable for aqueous and oily liquids
- Including metal intake pipe, nozzle and cavity tube
- Temperature range: -10 °C to 80 °C
- . Max. working pressure: 16 bar
- Length: 251 mm

Blind rivet gun

- Pneumatic / hydraulic
- For blind rivets up to 4.8 mm
- Possible rivet sizes:
- Aluminium rivets: 2.4-4.8 mm
- Steel rivets: 2.4-4.8 mm
- Stainless steel rivets: 2.4-3.2 mm
- · 4 nose pieces (one pre-installed): $2.4\cdot 3.2\cdot 4\cdot 4.8~\text{mm}$
- Total stroke: 14 mm
- Sturdy metal housing
- Tractive power: 8700 N
- Coupler plug with rotary joint for flexible operation
- Air requirement: 1 I / stroke







9042P-4 EAN-No. 4000896209613



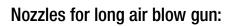


9037SPC



9040LG-3/2 EAN-No. 4000896206339

Air blow gun, long (108.5 cm)



Venturi nozzle

• 100% increase in air outlet quantity thanks to Venturi effect • For 9040-4 and 9040 LG-3/2



9040LG-3-01 EAN-No. 4000896241514

Lateral nozzle 90°

· Nozzle enables lateral blow-out, e.g. for cleaning cooling fins and other hard-to-reach

• For 9040-4 and 9040 LG-3/2



9040LG-3-02 EAN-No. 4000896241521



Turbo air blow gun

- · Cleaning of soiled surfaces such as upholstery surfaces, dirt from wheel housings, floor mats from animal hair as well as for vehicle preparation, rim and parts cleaning with compressed air and as preparatory cleaning work for the removal / installation of parts
- · Swirl nozzle generates a strong air pulse for cleaning even stubborn soiling
- To be used on machinery, vehicles, in workshops, for wood work, in hobby workshops
- · Highly practical design
- Air inlet: inside thread 12.91 mm (1/4")
- Coupler plug: nominal size 7.2 (included)
- Hose diameter (recommended): 10 mm
- Max. pressure: 12 bar
- Sound pressure level (at working pressure): 91 dB(A) Lp A
- Sound power pressure (at working pressure): 102 dB(A) Lp W
- Air requirement: 80 I/min (at working pressure)
- Length: 150 mm









EAN-No. 4000896252626



due to swirled air impact!







Standard nozzle

- Curved tube: Ø 8 mm. 100 mm
- Temperature range: -10°C to 80°C
- . Max. working pressure: 16 bar
- Length: 247 mm

9040P-1

EAN-No. 4000896**209545**



Long nozzle

- Straight tube: Ø 8 mm. 300 mm
- Temperature range: -10°C to 80°C
- . Max. working pressure: 16 bar
- Length: 420 mm

9040P-2

EAN-No. 4000896**209552**











Low noise

- Curved tube: Ø 8 mm, 100 mm
- Non-blocking
- Temperature range: -10°C to 80°C
- Max. working pressure: 12 bar
- Length: 255 mm

9040P-3

EAN-No. 4000896209644

Venturi nozzle

- Curved tube: Ø 8 mm, 100 mm
- 100% increase in air outlet quantity thanks to Venturi nozzle
- Temperature range: -10°C to 80°C
- Max. working pressure: 16 bar
- · Length: 265 mm



EAN-No. 4000896209569



Broad, flat nozzle

- Considerable blowing force
- · Non-blocking
- Temperature range: -10°C to 80°C
- Max. working pressure: 8 bar
- Length: 203 mm



9040P-5

EAN-No. 4000896209576

2-way air blow gun with replaceable nozzle

- Choice of air supply at tool head or handle
- · Exchangeable nozzles:
 - Short nozzle for areas with restricted access
 - Long nozzle (112 mm) with safety nozzle tip (scratch protection)
- . Max. working pressure: 10 bar



9040-4

EAN-No. 4000896176236





Hose reel

- · For compressed air or water
- Max. working pressure: 20 bar
- Temperature range: -40°C to 60°C
- Hose length: 15 m
- Length of connection hose: 0.9 m
- · Automatic guidance winds the hose neatly
- . Braked winding to prevent risk of accidents
- Dimensions: 459 x 378 x 205 mm



HAZET No.	Inside diameter of the hose Ø	EAN-No. 4000896+	
9040N-10	10 mm	206445	
9040N-13	13 mm	214648	

Open hose reel

- · Automatic hose reel ensures tidiness
- · Robust steel design with roller guide
- For compressed air
- Integrated roller inlet
- Swivelling base 180°
- Open design against accumulation of dirt
- · Visual inspection of the hose
- Hose inside Ø: 10 mm
- Dimensions: 400 x 186 x 522 mm



9040OS-10 EAN-No. 4000896252602



Cable reel

- · Including line circuit breaker
- Only suitable for indoor use
- 230 V AC
- Cable: H07RN-F 3 x 2.5 mm²
- Cable length: 20 m
- Connecting cable length: 1.5 m
- · Automatic guidance winds the hose neatly
- Braked winding to prevent risk of accidents



9040D-2.5 EAN-No. 4000896214631



Spiral hose

- High flexible polyurethane hose
- Connecting pieces with 360° swivel joints
- Temperature range: -20°C to 60°C
- . Hose length: 7.62 m
- . Working pressure: 10 bar



HAZET No.	Inside diameter of the hose Ø	EAN-No. 4000896+	
9040-7	6.35 mm	153404	
9040S-10	10 mm	212361	

2-way air blow gun cone set

- For blowing out pipes, boreholes, etc. to form a seal
- Compressed air cleaning of clogged or dirty lines / hoses, e.g. fuel, air conditioning and AdBlue[®] lines, hydraulic lines as well as windscreen washer system and coolant lines
- Adaptable to 2-way air blow gun 9040-4 and 9040Lg-3/2 (long version)
- Loosening stuck ignition coil plugs (pneumatic inflation)
- Removal of pencil coils e.g. on 1.0 l · 1.0 l TSI · TFSI · TGI · GTI · CNG · 1.2 l TSI · 1.4 l -25 · 30 · 35 · 40 · 45 TSI · TFSI · TGI · CNG · GTE · Mild Hybrid · e-Hybrid·1.6l · 1.6 l SRE · MPI 2.0 l GTI engines
- \bullet AUDI A1 \cdot A3 \cdot A4 \cdot A5 \cdot Q2 \cdot Q3
- CUPRA Formentor · León
- SEAT Alhambra · Arona · Ateca · Ibiza · León · Mii · Tarraco · Toledo
- ŠKODA Citigo · Fabia · Kamiq · Karoq · Kodiaq · Octavia · Rapid · Scala · Super · Yeti
- VW Caddy · Golf 6, 7, 8 · Jetta 4 → 7 · CC ·
 Passat B8 · Polo 5, 6 · Arteon · Beetle · Taigo · Tiguan ·
 Touran · T-Cross · T-Roc · Up! · Scirocco · Sharan · T7
- Coupler thread: 1/8" PF 28

Contents:

- ① Stainless steel extension 187 mm (9040-41)
- ② Air blow gun with long nozzle
- 3 Short nozzle

Set of cone nozzles, 3-piece (9040-42/3):

- 4 Cone nozzle Ø 13 mm



For use with cone set

9040-42/3,

Nozzle set

- Extension of the application ranges of the 2-way air blow gun 9040-4 and the long air blow gun 9040Lg-3/2
- Wide range of applications thanks to various nozzle designs
- Connection (outside thread): 1/8" PF 28

Contents:

- ① Long rubber nozzle 63 mm (scratch protection) ② Short rubber nozzle 13 mm (scratch protection)
- ③ Plastic surface nozzle (surface cleaning)
- 4 Metal nozzle with spherical air outlet (non-blocking)
- (5) Metal nozzle with safety function (non-blocking)









Pneumatic tools | Accessories





9042N-1

EAN-No. 4000896176472



Mini grease gun

· Filling capacity: 80 g

2162M

EAN-No. 4000896185634



High performance lubricant

· Grease cushion: 60 ml Made in Germany

9300N-60

EAN-No. 4000896203406



Mini oiler

· Filling capacity: 28 ml

9070N-1

EAN-No. 4000896**206407**



Special pneumatic tool oil

· Filling capacity: 100 ml

Made in Germany

9400-100 EAN-No. 4000896191390 · Filling capacity: 1,000 ml

Made in Germany

9400-1000

EAN-No. 4000896191406

Compressed air quick coupling

- Extremely durable with a long service life
- · For connecting compressed air to pneumatic tools
- Inside thread 16.41 mm / 3/8¹
- One-hand operation Easy operation, even with gloves
- . Material: Steel, nickel-plated
- Working range: 0 15 bar

<u>l</u> mm	Ø mm	Hozet
54.5	24	

Full metal 5 in 1 quick coupling



- For air connection nipples:
- Germany (standard), Austria, Slovenia, Hungary, China, India, Portugal, Poland, Romania, Turkey NW7.2 Type Rectus corresponds to HAZET nipple 9000-010/3
- Belgium, France, Netherlands, Switzerland, NW5.5 (Type Aro/Orion/ Milton A-Style) corresponds to HAZET nipple 9000-011/3
- Arab countries, Italy, Spain HAZET Nipple 9000-012
- Israel/USA corresponds to HAZET nipple 9000-013
- Lincoln (US Automotive Lubrication System)

9001-061 EAN-No. 4000896**258468**

Safety coupling

- For air connection nipple 7.3 mm
- Working range: 0 20 bar
- Air inlet thread (internal thread): 16.41 mm (3/8")
- · Suitable for hose reel 9040N-10
- Also available for 10 mm hose nipples and with inside and outside thread 1/4" and 3/8



9000-061 EAN-No. 4000896195299

Safety coupling

- For air connection nipple 10 mm
- Working range: 0 50 bar
- Air inlet thread (internal thread): 20.95 mm (1/212)
- · Suitable for hose reel 9040N-13



9000-062 EAN-No. 4000896218936

Rotary joint

- With continuous air flow rate reducer
- · Air flow regulation by means of setting wheel
- . 360° rotation joint in 2 axes
- . Maximum pressure: 16 bar · Air connection inlet:
- internal thread 12.91 mm 1/4"
- · Air connection outlet: external thread: 12.91 mm 1/4"



9000-040

EAN-No. 4000896195350

Rotary joint

- 360° rotation joint in 2 axles
- . Maximum pressure: 16 bar
- · Air connection inlet: internal thread 12.91 mm 1/4"
- · Air connection outlet: external thread 12.91 mm 1/4"



9000-041 EAN-No. 4000896204441

Compressed air reducer

- · Reduction of working pressure to protect high-quality pneumatic equipment
- . Max. inlet pressure: 10 bar
- Outlet pressure 6,3 bar · Air connection inlet:
- internal thread 12.91 mm 1/4"
- · Air connection outlet: external thread: 12.91 mm 1/4"



Air inlet nipple

- For connecting our hose reels with 16.41 mm (3/8") coupler thread (outside) to type 1 compressed air couplings
- 16.41 mm (3/8") inside thread
- For air connection nipples:

Germany (standard), Austria, Slovenia, Hungary, China, India, Portugal, Poland, Romania, Turkey NW7, 2 Type Rectus corresponds to HAZET nipple 9000-010/3



9000-015 EAN-No. 4000896253258



HAZET VIDEO BORESCOPE WITH HD CAMERA – OPTIMUM DETAIL!

- Bright and sharper image
- Better details
- Clearer image









HD video borescope set with 360° swivelling probe



Your own smartphone as a display!

Removable Li-ion battery (1 x type 18650) without additional tools

Fully articulating probe with Ø 3.9 mm

5-piece set in protective soft case with moulded insert:

- Basic unit and HD probe
- Data cable USB-A to Lightning (iOS), length: 0.3 m
- Data cable USB-A to USB-C (Android, current iOS etc.), length: 0.3 m
- Data cable USB-A to Micro-USB (Android etc.), length: 0.3 m
- Charging cable USB-A to USB-C, length: 1.0 m

4812-24/4AF EAN-No. 4000896264568







4812-24/4AF



Camera probe	Ø 3.9 mm articulating probe with front camera (Axial 180°, Radial 360°)
Display	Depending on the smartphone connected
Zoom	Zoom: 5x (with display of the zoom factor in the app)
Display resolution	Depending on the smartphone connected
Brightness setting	3-level
Energy source	Removable Li-ion battery (1 x type 18650) without additional tools
Image format (jpg)	640 x 480 / 1280 x 720 pixels
Video format (MP4)	640 x 480 / 1280 x 720 pixels
Data transfer	USB-C
IP protection rating	IP54 (basic unit) I IP67 (probe)
Handling	With handle and sturdy smartphone holder
Tripod thread	✓
Mirroring of the camera image	-
Negative representation	-
Connectivity	USB-A to USB-C / USB-A to Lightning / USB-A to Micro-USB
Smartphone App Android / IOS	✓
Weight, device without battery and smartphone	0.38 kg
Dimensions (L x W x H)	220 x 78 x 50 mm





HD borescope set with front and side camera

Ø 4.9 mm



Ø 4.9 mm

Switchable probe head

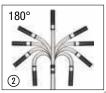




HD touch screen borescope set with 180° swivelling probe







Swivelling probe head

 \emptyset 3.9 mm





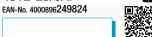
- SD card 32 GB
- Micro HDMI cable (A to D) 1.8 m
- USB-C cable (A to C) 1 m



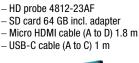
Marking details of photos on the touchscreen - Creating folders

Split screen: Side-by-side display of recording and live image

4812-23/5AF







- Basic unit 4812-23G



4812-11/5FS EAN-No. 4000896249572





4812-11/5FS

 ${\bf \not\! O}$ 4.9 mm semiflexible probe with dual camera 90° and 180° (see picture \odot)

90 mm (3.5") large reflection-reduced LCD display

1.5 x and 2 x

320 x 240 pixels

10-level

4 x AA battery alternative power supply via USB-C socket

1920 x 1080 pixels

MP4, 1920 x 1080 pixels (MOV format) with optional timestamp

USB-C (access either to camera or as card reader)

IP54

With handle

Camera can be used via HDMI on the display or USB-C on the PC

370 g

276 x 123 x 54 mm

4812-23/5AF

 \varnothing 3.9 mm probe with front camera can be swivelled up to 180° (articulation see picture @)

127 mm (5") large, sunlight-readable, reflection-reduced touch display

800 x 480 pixels

10-level

Rechargeable Li-ion battery, charging time: 3.5 h, operating time: 4 h

1920 x 1080 pixels

MP4, 1920 x 1080 pixels (MOV format) with optional timestamp

USB-C (access either to camera or as card reader)

IP54

Positioning via magnetic foot – enables hands-free inspection

Camera can be used via HDMI on the display or USB-C on the PC

705 q

162 x 128 x 46 mm

Y#





Thermal camera with fusion mode

- Screen size: 2.4 inch LCD screen
- Display resolution: 320 x 240 pixels
- Thermal (or Enhanced IR) resolution: 160 x 120 pixels
- Field of view: 50° x 50°
- Temperature range: -20 °C to 550 °C
- . Battery life: up to 8 h
- Integrated 4 GB flash memory (up to 18,000 images)
- Maße (H x W x D): 196 x 117 x 59 mm

• Weight: 290 g



object image = **Fusion Mode**

1992N-1

EAN-No. 4000896263523



Detailed information





Laser point for target fixation

Additional camera for creating visual images enables Fusion Mode (640 x 480 pixels)

6 colour palettes for diagnostics

Field of view: 50° x 50°



Thermal camera

- Screen size: 3.5" LCD touchscreen
- Display resolution: 640 x 480 pixels
- Thermal (or IR) resolution: 256 x 192 pixels
- Field of view: 50° x 37.2°
- Temperature measuring range: -20 °C to 400 °C (-4 °F to 752 °F)
- . Battery life: up to 4 h
- Storage medium: EMMC 16 GB (included in delivery), up to 60,000 images
- Dimensions (H x W x D): 138.5 x 85.2 x 23.6 mm

• Weight: 220 g



Detailed





More detail through visual camera: $3,264 \times 2,448$ pixels (8MP)

Digital zoom 4 x

Touchscreen

Records videos

Creeper

- High capacity up to 150 kg (lying or sitting)
- 6 castors (Ø 63 mm)
- · Combines creeper and seat
- · Quick and easy switch between both functions
- · Cushioned reclined surface, lead part in HAZET blue
- Dimensions: lying position L x W x H 1198 x 440 x 135 mm, seat height: 420 mm, seat base: 300 x 310 mm



Pneumatic chair

- 5 low-noise, smooth-running castors with multiple bearings Ø 75 mm
- Large, extra thick cushion Ø 350 mm
- · Easy to clean

1992-2

EAN-No. 4000896249435

- . Capacity: dynamic capacity up to 150 kg
- Can be adjusted in height by hand: 430 550 mm
- Tool storage with practically divided compartments
- · Provides a comfortable seat at the work area
- Pneumatically adjustable in height

· Tilt-resistant







195N-3

EAN-No. 4000896256761

Sturdy steel tube frame with 2.4 mm material thickness

Particularly stable design thanks to square tubular frame



EAN-No. 4000896261949







• Dimensions: 975 x 385 x 30 mm



EAN-No. 4000896153718



Kneeling mat

• Dimensions: 450 x 210 x 30 mm

195-1

EAN-No. 4000896121069



Wireless charging lamp sets

LED light set

Contents:

- 1 x 1979W-11 pen light - 1 x 1979W-85 solid light
- 1979WP-2 charging pad for 2 lamps
- Incl. 100 cm USB-C cable and

$2\,\mbox{A}\,/\,5\,\mbox{V}$ power supply unit



LED pen light set

- 2 x 1979W-11 pen light
- 1979WP-2 charging pad for 2 lamps
- Incl. 100 cm USB-C cable and 2 A / 5 V power supply unit





1979W2/3

EAN-No. 4000896258208



LED light set

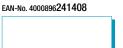
• Efficient and comfortable charging function due to optimised self-positioning of the lamp on the pad

· 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 lights
- Incl. 100 cm USB-C cable and 2 A / 5 V power supply unit

1979W1/3





LED inspection lamp set

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 / 5 V power supply unit







EAN-No. 4000896235261

Wireless charging lamps









	HAZET No.	Designation	Main light lumen I operating time	Top light lumen I operating time	EAN-No. 4000896+	
1	1979W-82	LED pocket light	30-300 lm l 2 h	100 lm 5 h	227228	
2	1979W-11	LED pen light	20-200 lm 2.5 h	120 lm l 4 h	235230	
3	1979W-85	LED solid light	60-600 lm l 3 h	300 lm l 4.5 h	241484	
4	1979W-92	LED slim light	110-1100 lm 3 h	150 lm l 11 h	241422	
5	1979WP-1	Charging pad for one light	-	-	227952	
6	1979WP-2	Charging pad for two lights	-	_	227945	

60-600 lm | 3 h

110-1100 lm l 3 h

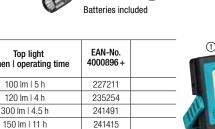
130 lm | 4 h

200 lm | 4.5 h

With charging cable / battery







208470

208487





LED solid light

LED slim light

LED pen light

1979N-85

1979N-92

1979N-71

1979N-72

14

4



Pressure sprayer

- Spraying with cleaning agents and disinfectants as well as for degreasing and lubrication
- Net volume: 1 I



199N-1 EAN-No. 4000896189007

Pressure foam sprayer

- Three nozzles (in scope of delivery) for generating wet and dry foams as well as for implementing different reaction times
- Net volume: 0.75 I



Spray bottle, refillable

- Use with multi-purpose spray, such as e.g. penetrating oil, rust remover, as well as rim and brake cleaner
- Including 155 mm long jet nozzle and short spray nozzle
- Filling capacity: 0.23 I



High performance suction gun

• Filling capacity: 500 ml



2162-4

EAN-No. 4000896174850

• Filling capacity: 1 I



2162-6

EAN-No. 4000896174454

Magnetic cup

● Ø 150 mm



EAN-No. 4000896158584

Magnetic holder

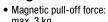
 Magnetic pull-off force: axial max. 18 kg



197-10

EAN-No. 4000896254392

Magnetic button set



• Contents: 3x magnetic buttons



197-11/3

EAN-No. 4000896255191

Magnetic holder

- Loading capacity: 10 kg
- Height: 400 mm
- Length: 140 mm





Working gloves

· High-quality goatskin



1987N-4

EAN-No. 4000896**203840**



1987-5L EAN-No. 4000896181735

1987-5XL

EAN-No. 4000896181759



1987-6

EAN-No. 4000896222643

Multifunctional drain pans

• Filling capacity:



EAN-No. 4000896198924





• In L or XL

Price per



Electrical system

HAZET

Digital current clamp meter

- · Measuring voltage, current and resistance
- Simple operation thanks to clear control panel and illuminated LCD display
- Small, handy, compact design for use in confined spaces
- AC/DC current measurement without disconnecting the cable
- NCV function available
- · With multimeter function
- Measurement category CAT III 300 V, CAT II 600 V
- . Capacitance measurement up to 20 mF
- · Very precise
- Pliers opening Ø 17 mm
- Incl. continuity test, diode test, data hold and auto power-off function
- Incl. storage bag and protective cover (protects against drop damage and dust)
- Including CAT III test lead set
- Power supply 2 x 1.5 V AAA batteries
- Dimensions L x W x H: 33.50 x 60 x 175 mm
- Weight (without batteries): 150 g

Three measuring devices in one:

Current clamp meter

Multimeter

Voltage tester (non-contact)



Extra short only 175 mm





2152-610

EAN-No. 4000896268542

Available in April 2025







Multimeter

- For measuring voltage, resistance, frequency, capacitance and temperature
- · Very short response times ensure rapid display of measurement results
- . Optimal device alignment thanks to the stand on the housing
- · Protective cover protects multimeter against damage from being dropped
- Including measuring tips for clipping into the protective cover
- Including temperature probe from -20° C to 200° C
- Including 2 x AA batteries
- DC voltage: 0 − 600 V
- AC voltage: 0 600 V
 Direct current: 0 10 A
- Alternating current: 0 10 A
- Resistance: 0 60 M0hm
- Diode test
- During the continuity test, the integrated buzzer signals continuity below 50 0hm
- Frequency: 0 − 10 MHz
- Duty cycle
- Capacitance measurement: 0 60 M0hm
- Automatic switch-off
- Backlight
- Data hold
- True RMS
- CAT III 600 V





2152-600 EAN-No. 4000896246762

Mini battery cell tester with QR code function

- For 12 V systems in passenger cars, commercial vehicles, motorcycles as well as 12 V batteries
- Simple test of the starting capacity and condition of vehicle batteries and the starting and charging system
- Output of the analysis results on the display plus transfer of the results via QR code to smartphone / tablet
- Option for individualising the test results shared by QR code (number plate · repair workshop · tester · test date)
- Large, backlit LCD display

Tests and detects defective cells in all types of starting batteries, including lead-acid batteries,
 AGM flat batteries, AGM spiral batteries, GEL batteries, start-stop batteries and rechargeable Li-ion batteries

• Does not require its own battery - constant operational readiness

Reverse polarity protection to protect the device, vehicle and battery

 Analysis of batteries in accordance with most battery standards, such as CGA · BCI · CA · MCA · DIN · IEC · EN · SAE · GB

• Large lithium battery working range, e.g. according to CCA standard 20-1000 A

 \bullet Large lead-acid battery working range, e.g. to CCA standard 100 – 2000 A

	4650-6
Lithium compatible	✓
Storage temperature	-20 to 70° C (-4 to 158° F)
Operating temperature	0 to 50° C (32 to 122° F)
Weight	200 g
Dimensions (L x W x H)	80 x 80 x 22 mm





Generation of QR codes for sharing the test results on a smartphone/tablet

Battery test

Starter test

Alternator test

4650-6

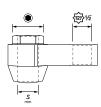
EAN-No. 4000896264629





Exhaust probe sockets

- · Removal and installation of the lambda probe, particle sensor, NOX sensor and exhaust gas temperature sensor
- Double square drive 12.5 = ½"
- · Additional hexagon drive
- . Also suitable for closing the slot to avoid widening the opened hexagon
- Torque-controlled tightening possible
- · Suitable for all passenger car and commercial vehicle models
- · For manual operation
- Surface: phosphatized, oiled
- Dimensions: L 66 x H 39 mm
- · Slot width: 8 mm







4680-10 s **20 mm** for Lambda probe/ particulate filter sensor on e.g. IVECO Stralis, S-Way

Robust design for fixed exhaust gas probes!

Made in Germany

HAZET No.	S mm	Double drive 1/2" or	EAN-No. 4000896+	
4680-7	14	Operation via hexagon drive s 24 mm	254118	
4680-8	17	Operation with hexagon drive s 24 mm	254132	
4680-9	19	Operation with hexagon drive s 24 mm	254156	
4680-10	20	Operation with hexagon drive s 24 mm	267026	
4680-5	22	Operation with hexagon drive s 30 mm	057870	
4680-6 24		Operation with hexagon drive s 30 mm	252268	





Special tap for exhaust gas temperature sensors / probes

- · Professional repair, cleaning or repairing of the mounting threads of the exhaust gas temperature sensors / probes
- · Guide bolt prevents jamming of the thread repair tool, thereby enabling exact repair or cleaning of the sooty or damaged thread
- Time saving: replacement of the exhaust system is no longer necessary in most cases
- . No tilting or jamming during repair
- 6 cutting surfaces for optimal fitting accuracy as well as easy and guick handling
- . High-quality TiAIN coating for longer service life
- · Suitable for application on stainless steel components
- Drive: s 13 mm







Made in Germany

Thread size: M12 x 1.25

For exhaust gas temperature sensors on: NISSAN · RENAULT · BMW · MINI · CITROËN · PEUGEOT · FORD · HYUNDAI · KIA · DACIA · MERCEDES-BENZ · OPEL · **VAUXHALL · SUZUKI · IVECO**

• Length: 55 mm

4683-12

EAN-No. 4000896253555





Thread size: M14 x 1.5

 For exhaust gas temperature sensors on: MERCEDES-BENZ · AUDI · PORSCHE · SEAT · ŠKODA · VW · FIAT · ALFA ROMEO · LANCIA · OPEL

Length: 45 mm

4683-14

EAN-No. 4000896253579





Thread size: M16 x 1.5

 For exhaust gas temperature sensors on: MERCEDES-BENZ TRUCKS, Bus & DAF commercial vehicles ACTROS · AXOR · ATEGO · MB Bus 0 500 BM382 • DAF CF 65 • DAF CF 75 DAF CF 85 • DAF CF 105

· Length: 43 mm

4683-16 EAN-No. 4000896253593



Thread size: M18 x 1.5

• For Lambda probes on: MERCEDES-BENZ • AUDI • PORSCHE • SEAT • ŠKODA • VW • FIAT • ALFA ROMEO • LANCIA · BMW · OPEL · CHEVROLET · DAEWOO · SUZUKI · FORD · HONDA · TOYOTA · NISSAN · Volvo · CITROËN · SAAB · SUBARU · MAZDA · MINI · MITSUBISHI · JAGUAR · ROLLS ROYCE · BENTLEY · **LEXUS · PONTIAC**

• Length: 42 mm

4683-18

EAN-No. 4000896253616



Thread size: M20 x 1.5

- For NOX sensors on: DAF MERCEDES-BENZ TRUCKS IVECO · MAN · SCANIA · RENAULT TRUCKS · Volvo **TRUCKS**
- · Also suitable for passenger car models where a NOX sensor or particle filter sensor with thread M20 x 1.5 is installed. e.g. BMW · AUDI · VW · OPEL · **MERCEDES-BENZ**
- Length: 50 mm

4683-20

10

EAN-No. 4000896253630

Thread size M22 x 1.5

- For particle sensors on: AUDI VW PORSCHE OPEL · MERCEDES-BENZ · BMW · **GENERAL MOTORS · MAN**
- · Length: 50 mm

4683-22

EAN-No. 4000896253654





Tool set for exhaust probes

- Special taps: 4683-12, 4683-14, 4683-18, 4683-20, 4683-22
- Exhaust probe sockets: 4680-5, 4680-6, 4680-7, 4680-8, 4680-9

Made in Germanv 163-611/10

EAN-No. 4000896257294



4683-16 Optionally available





1/4" Screwdriver joint socket XZN

- Operation of the fastening screws of the 4/2 way valve with coolant regulator (note:
- coolant regulator is located inside the coolant pipe and cannot be renewed individually) With hinge for use in hard-to-reach places and to bypass interfering edges: fastening screws are located behind the oil filter and cannot be reached in a straight line
- Application e.g. on: 4-cylinder diesel engine (2.0l Common Rail): AUDI, SEAT, ŠKODA, VW
- Output: internal serration profile XZN M8





1/4" Turbo charger special profile socket



- Special profile engages with a positive fit in the screw connection and guarantees
- optimal force distribution: MERCEDES-BENZ, NISSAN, OPEL, RENAULT
- · Surface: phosphatised
- · For manual operation













Made in Germanv 2751-1

EAN-No. 4000896246250





Unlocking tool for VAG plug connections

- Damage-free unlocking of electrical plug connections on various components and sensors
- VAG group plug connections, e.g. injectors, rail pressure sensors, fluid level sensors, ignition coils, vacuum sensors, brake wear sensors, pressure regulators and lighting
- SCANIA MAN TGE / TGX from model year 2020



HAZET No.	Length mm	EAN-No. 4000896+	
4675-1	130	244331	
4675-2	191	244348	

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

VAG pencil coil extractor

- · Fast and safe extraction of the pencil coils
- Removal of pencil coils e.g. on 1.0 | · 1.0 | TSI · TFSI · TGI · GTI · CNG · 1.2 | TSI · 1.4 I-25 · 30 · 35 · 40 · 45 TSI · TFSI · TGI · CNG · GTE · Mild Hybrid · e-Hybrid·1.6I · 1.6 | SRE · MPI- 2.0 | GTI
- · Removal of both ignition coil versions possible:
 - -04C.905.110.J \rightarrow 2017 from **VAG** engines
- $-04E.905.110.K\ 2017 \rightarrow from\ \textbf{VAG}\ engines$





Exhaust pipe clamp pliers

- For quick opening and holding open of the reusable exhaust pipe clamps as well as for removal and installation
- The bolt and nut of the exhaust pipe clamp can remain in the clamp during work on the exhaust system thanks to the pliers design
- Application e.g. on: CITROËN, PEUGEOT · DS · RENAULT · NISSAN, OPEL · ALFA ROMEO • FIAT • JEEP • CADILLAC • LANCIA • SUZUKI, CHEVROLET • BMW • MERCEDES-BENZ • LAND ROVER • FORD • DACIA • NISSAN • Volvo • MAZDA
- · Toothed fixing device and one-hand operation
- Fixing device is released by pressure lever
- · Pliers tips enable secure hold of the clamp
- Length: 310 mm
- · Clamping range: 50 mm



Pipe stopper set

Made in Germany

1849-12A EAN-No. 4000896247387

- Sealing pipelines in brake systems, air conditioning systems, power steering and fuel systems that cannot be secured with a flexible hose clamp
- · Sealing of pipes and preventing the escape of fluids
- Sealing in sizes of 6.3 mm ($^{1}\!/_{4}$ ") · 8 mm ($^{5}\!/_{16}$ ") · 10 mm ($^{3}\!/_{8}$ ") and for double sealing (e.g. banjo connections) in sizes of 10 mm 3/8")



4591/4 EAN-No. 4000896219650







Injector sliding hammer, pneumatic

- · For removing stuck diesel injectors
- 21 different adapters and a universal claw can be used to gently loosen stuck diesel injectors without much effort. Depending on the injector version, the piezo element must be removed for
- This prevents damage to the cylinder head/cylinder head cover due to high forces from supports
- · In plastic case

24-piece set, contents:

- Pneumatic diesel injector puller
- Extension for deep-seated injectors or installed installation spaces
- Universal claw
- 21 adapters:

M17 x P1.0 for **BOSCH** 110,

M18 x P 0.75 for **BOSCH** 120, M20 x P 1.0 for **Denso**/A,

adapter with inside thread M12 x P 1.5 / outside thread M20 x P 1.5,

adapter with inside thread M14 x P 1.5 / outside thread M22 x P1.5, M14 x P1.5 for Delphi,

M16 x P1.0 for TOYOTA,

M18 x P1.5, M8 x P1.0, M8 x P1.25, M10 x P1.0 Universal adapter, M14 x P1.5, M14 x P1.0, M25 x P0.5 for Denso,

M25 x P1.0 for SIEMENS

M27 x P0.75 for BOSCH / FIAT / BMW / PSAW / PSA / MERCEDES / RENAULT,

M27 x P1.0 for complete thread for SIEMENS, M29 x P1.0 for Delphi,

M31 x P0.75 for BOSCH CRIN 1,









9098/24

EAN-No. 4000896258086

Cone set, 3 pieces

• Adaptable set for 2-way air blow gun 9040-4

◆ ① For safe cleaning with compressed air for clogged or dirty pipes/hoses thanks to cone attachment up to Ø 35 mm

• ② Stuck ignition coil plugs can be pneumatically inflated using the different cones, which leads to the loosening of the stuck area on the spark plug

 Compressed air cleaning of clogged or dirty lines / hoses, e.g. Fuel, air conditioning and AdBlue® lines, hydraulic lines as well as windscreen washer system and coolant lines

 Removal of rod ignition coils, e.g. on 1.0 I · 1.0 I TSI · TFSI · TGI · GTI · CNG · 1.2 I TSI · 1.4 I-25 · 30 · 35 · 40 · 45 TSI · TFSI · TGI · CNG · GTE · Mild Hybrid · e-Hybrid 1.6I · 1.6 | SRE · MPI 2.0 | GTI **AUDI** A1 · A3 · A4 · A5 · Q2 · Q3

CUPRA Formentor · León

SEAT Alhambra · Arona · Ateca · Ibiza · León · Mii · Tarraco · Toledo

ŠKODA Citigo · Fabia · Kamiq · Karoq · Kodiaq · Octavia · Rapid · Scala · Super · Yeti **VW** Caddy · Golf 6, 7, 8 · Jetta 4 \rightarrow 7 · CC · Passat B8 / Polo 5 \rightarrow 6 · Arteon · Beetle · Taigo · Tiguan · Touran · T-Cross · T-Roc · Up! · Scirocco · Sharan · T7

. Coupler thread (outside): 1/8" PF 28





9040-4 way air blow gun see page 44







Stainless steel extension

· Length: 187 mm

• Coupler thread (inside and outside): 1/8" PF 28





9040-42/3 EAN-No. 4000896254767





· Low-lying and stuck ignition coil plugs can be released with the cone set





2-way air blow gun see page 44

3/8" Releasing tool for cover of coolant expansion tank, VAG

- Problem-free loosening of very tight covers on the VAG coolant expansion tank
- Exact fit of releasing tool avoids damage to the cover
- Narrow outer diameter and angled bracket Optimised design of the releasing tool for very special installation conditions of the coolant expansion tank on the VW ID.Buzz model year 2022—, which is difficult to reach in its installation position in the front area
- For VW and Group vehicles as well as electric and hybrid models (MQB platform model year 2013→)
- . Manual operation is only possible with great difficulty due to the geometric shape / low overall height of the cover and the recessed seat in the expansion tank
- Height: 35 mm
- · Diameter: 92 mm









Made in Germanv 4803-2 EAN-No. 4000896262885





Wedge, plastic

- For car body work, e.g. for loosening decorative strips, covers, graphics, etc. without damage
- Tip 0.5 mm
- Dimensions: 190 x 30 x 25 mm



Made in Germany

EAN-No. 4000896009183

Combination lever

- · Quick and easy loosening of the decorative strips and door panels
- Avoids damage to lacquered surfaces, plastic and metal parts
- · Operation of plugs and plastic clips
- · Removal of protection caps and covers

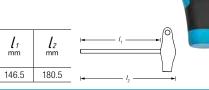


Extractor hook

- For the removal of e.g. trim panels, covers, plugs, fan nozzles, instrument panels, speedometers, instrument clusters inside the vehicle as well as on the car body
- · High stability and flexibility despite small blade diameter Ø 2 mm



180.5



Universal hook/wedge set

- Plastic wedge suitable for loosening components, e.g. door clips as well as for lifting and alignment
- · Universal hook for surface-friendly loosening of e.g. window rubber, door seals, carpets, interior trim
- · For universal use
- · Plastic wedge: length: 214 mm, width: 26.5 mm
- Universal hook: length: 180 mm





1/2" Impact socket, hexagon

- Double protection: Easy-to-rotate external plastic sleeve (replaceable) to protect the rims
 when screwing wheel bolts. Plus: Internal plastic insert to protect the surface of wheel bolts
- Length: 85 mm





EAN-No. 4000896045839



EAN-No. 4000896055135





125 1/2" 🚯



1/2" Sets

903SLG-17

EAN-No. 4000896045822

• 3 sockets each in a practical storage box

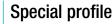


s 17 mm (3x) Made in Germany 903SLG-17/3 EAN-No. 4000896191697









• Length: 86 mm





- s 17 mm MERCEDES-BENZ Made in Germany 905SLG-17
- EAN-No. 4000896198795





- s 21 mm • KIA & HYUNDAI
- Made in Germany 905SLG-21 EAN-No. 4000896201624

1/2", 24 mm outside hexagon traction profile, impact socket set

- Operation with various drive tools possible:
 1/2" ratchet or impact wrench

 - -s 24 mm socket and box-end wrench or open-end wrench
 - Adapter 1003S-1 enables drive in 3/4", e.g. with HAZET 3/4" impact wrench 9013TT
- . Double protection: Easy-to-rotate external plastic sleeve (replaceable) to protect the rims when screwing wheel bolts. Plus: Internal plastic insert to protect the surface of wheel bolts
- Especially for vans and light trucks but also suitable for passenger cars
- · Colour-coded plastic sleeves (blue, yellow, red) facilitates finding the correct size
- · With borehole for locking pin or safety spring and groove for o-ring





Made in Germany

HAZET No.	S mm	Length mm	EAN-No. 4000896+	
903SLg6-17	17	87	223596	
903SLg6-19	19	87	223589	
903SLg6-21	21	87	262960	





3-piece set:

903SLg6-17

- 903SLg6-19 - 903SLg6-21







1/2" · 3/4", 24 mm impact socket set

- Screw connections on commercial vehicles, passenger cars and vans with TORX® profile, e.g. on the chassis, brakes, wheel screw connections
- Operation with various drive tools possible:
 - 1/2" ratchet or impact wrench
 - $-\,\mathrm{s}$ 24 mm socket and box-end wrench, open-end wrench or ratcheting combination wrench
 - Adapter 1003S-1 enables drive in 3/4", e.g. with HAZET 3/4" impact wrench 9013TT

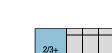
Contents:

 $1003S\text{-}1 \cdot 1003S\text{-}07 \cdot 1000S\text{-}G1736 \cdot 1000S\text{-}H1736$ O 990S-12, -12Lg, -14, -14Lg, -16, -16Lg, -18, -18Lg O 985S-14, -14Lg, -17, -17Lg, -19, -19Lg, -22, -24 ■ 900SZ6-18, -19, -21, -22, -24, -27, -30, -32, -36 O 995S6-T40, -T4OLg, -T45, -T45Lg, -T50, -T50Lg

O 903SLg6-17 · 6-19 · 6-21

O 900SLg6-24

ZET



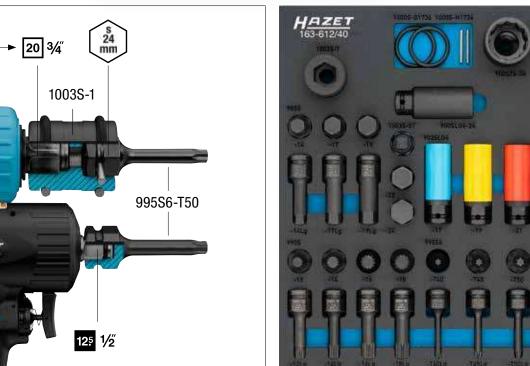


Made in Germany 163-612/40

EAN-No. 4000896264704



All items also available individually!









Tyre inflators

- Manometer measuring range: 0-12 bar, graduation: 0.1 bar
- · Max. pressure: 12 bar
- Temperature range: -20°C to 60°C
- Scale values in bar
- · Hose with plug-in nipple
- Measuring tolerance: -15°C to 25°C, $0 - 4 \text{ bar: } \pm 0.08 \text{ bar,}$



- Manometer measuring range: 0-12 bar, graduation: 0.01 bar
- Max. pressure: 12 bar
- Temperature range: -20°C to 50°C
- Display toggles between bar / PSI / kg/cm²
- Hose with plug-in nipple
- Measuring tolerance: -15°C to 25°C: ±0.1 bar
- . Hose length: 400 mm



Digital

9041D-1

Ø 80 mm

EAN-No. 4000896212378



- Manometer measuring range: 0−12 bar, graduation: 0.1 bar
- Max. pressure: 12 bar
- Temperature range: -10°C to 40°C
- · Scale values in psi and bar
- · Hose with plug-in nipple
- Measuring tolerance: -15°C to 25°C: ±0.3 bar
- . Hose length: 400 mm



Standard

9041-1

EAN-No. 4000896147076



Ø 63 mm

Wheel hub grinder

EAN-No. 4000896212385

- With 123 1/2 inside square collet for attachment e.g. to pneumatic, cordless and corded impact wrenches
- For passenger car wheel hubs up to 160 mm ∅
- ullet Inside diameter: 75 mm \varnothing



• 11 mm outside hexagon with 3 contact surfaces for attachment e.g. to pneumatic, cordless and corded drilling machines

· For passenger car wheel hubs up to 160 mm Ø

O s 11 mm · Inside diameter: 75 mm Ø



4960R-160/4

EAN-No. 4000896218820

4-piece set: 1 Base unit

- 3 Grinding wheels Ø 160 mm

Rim flange cleaner

- 11 mm outside hexagon with 3 contact surfaces for attachment e.g. to pneumatic, cordless and corded drilling machines
- · For wheel centring diameter: at least 51 mm
- External diameter up to 160 mm Ø



4960F-160/2

EAN-No. 4000896218387

2-piece set: 1 Base unit

- 1 Grinding wheel Ø 160 mm

Brake calliper file

- · Blunt scraper on the face side for removing rough residues
- 12 mm wide

4960V-160/2

EAN-No. 4000896218394



Made in Germanv 4968-1

EAN-No. 4000896084739



2-piece set:

1 Base unit

Ø 160 mm

- 1 Grinding wheel

Brake calliper brush

- Removing stubborn brake dust and dirt from the disc brake calliper
- Length: 225 mm



Made in Germanv 4968-2

EAN-No. 4000896084821

Brass brake calliper brush

- Cleaning aluminium brake callipers
- Length: 225 mm



Made in Germanv 4968-3

EAN-No. 4000896089147

Hook set

- Hook Ø 7 mm
- · Surface: dip coated



4968/2H

EAN-No. 4000896221820



Brake piston readjusting tool set, pneumatic

- Readjusting brake pistons on floating calliper systems with or without locking device for hand brakes
- Universal application thanks to 3-piece adapter set
- · Largest possible recovery movement of the piston rod as far as into the housing - operation also when brake piston is extended far
- For smallest brake callipers MINI · BMW 1 Series to BMW X7 (largest brake calliper at present)
- Pneumatic support together with swivelling rotary level allows effortlessly easy and quick resetting

2-piece set:

- -- Basic unit 4970P-1
- Adapter set 4970P-02/3



Brake piston readjusting tool for 1-piston and multi-piston brake callipers

- Damage-free readjusting brake pistons (floating callipers / fixed callipers) on disc brakes
- 2-in-1 device for 1-piston and multi-piston brake callipers
- Suitable for 1-, 2- and 4-piston brake callipers
- Can also be used with 6-piston brake callipers thanks to optionally available brake piston readjusting tool adapter plates 4971-3/2
- Fast and uniform readjusting without tilting
- · For common vehicle types without integrated locking device for handbrakes
- Working range: 15 90 mm
- Avoids damage to boots and pistons
- · High accuracy as well as high stability allow continuous use
- Less force expended thanks to exact guiding
- Plate size: 1: 94 x 50 x 12 mm

Made in Germanv

4971-4 EAN-No. 4000896262922

• Plate size: 2: 94 x 100 x 12 mm



Set of brake adapter plates for 6-piston brake callipers

- · Damage-free readjustment of 6-piston brake callipers
- . Extension of width of contact surface to 165 x 72 mm
- · Easy adaptation using magnet on brake piston readjusting tool 4971-1 and 4971-4
- · Easy fixing of the adapter plates with a disc magnet Ø 20 mm
- Plate size: 165 x 70 x 6 mm
- · Surface: galvanised
- · Solenoid trigger force: 2 kg

Made in Germanv 4971-3/2

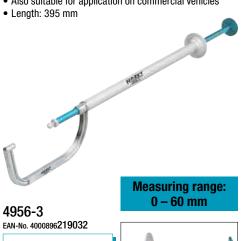
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Calliper gauge for brake discs / thickness gauge

- · Measurement without wheel removal
- · Effortless measurement on the vehicle during direct receptions in the presence of the customer
- · Also suitable for application on commercial vehicles



Calliper gauge for brake discs

- Simple, quick determination of the brake disc diameter through wheel opening without removing the wheels
- Length: 450 mm



Brake test tool set

- Checking the lateral run-out of the brake disc
- . Micrometer screw for exact determination of the thickness of the brake disc
- Precision dial gauge for checking the lateral run-out
- Hinged bracket with magnetic base as mounting and for an exact positioning of the dial gauge on the vehicle

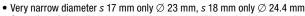


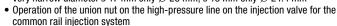


3/8" Brake calliper screwdriver socket, inside hexagon, s 6 mm

• Screwdriver socket adapted to limited space conditions for easy use of operating tools







• Proper operation of the injection line screw connection

3/8" Injection line wrench set

• Also suitable for operating other cable glands with s 17 or s 18 mm

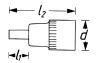
• For a controlled screw tightening using torque wrench with 3/8" (10 mm) drive, use e.g. HAZET 6110-1CT or 5110-3CT

• Operation of the guide bolts s 6 mm at the rear brake callipers of

- (observe manufacturer's instructions)
- · With fixed blade (s 6 mm) for inside hexagon screws
- For manual operation

the MERCEDES-BENZ V-Class









Contents:

– 4550-17, s 17 mm

Made in Germanv

4550-1718/2

EAN-No. 4000896264308

- 4550-18, s 18 mm









Made in Germanv 2784-2

s 6 mm





Circlip pliers set

· Correct, centred insertion of the circlip, e.g. when mounting the joint on the drive shaft

· Easy, damage-free assembly of the drive shaft joint: damage to the serration of joint and shaft is avoided with internal circlip during assembly of the drive shaft joint

Easy fixing of the locking pliers with the circlip

- . The pliers automatically slip down when striking the joint
- · For drive shafts from all manufacturers
- . One-hand operation of the pliers
- · No other tools needed

15-piece set:

- Circlip pliers 1847-12
- 7 half shell pairs: Ø: 19 · 21.4 · 22.3 23 · 23.8-24.6 · 26.2-26.9 · 28.5-29.2 · 30 mm

Application tip:

- Insert appropriate half shells (shaft diameter) in pliers
- · Place pliers on serration with pre-assembled circlip and clamp
- · Pre-positioning of the joint due to conical shape of the pliers makes it easier to introduce the serration without damage.





Half shell pair

· Easy, damage-free installation of the drive shaft joint on VW T5 · T6

• Ø 32.8 mm





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

Drive shaft disassembly / assembly set

- · Disconnecting the drive shaft joint and pulling in the shaft through the wheel hub with just one tool
- Disconnecting the drive shaft joint from the shaft using the sleeves or spindles together with HAZET sliding hammer 4797-1 (not included in delivery)
- · Pulling in the drive shaft through the wheel hub on vehicles where the drive shaft is very difficult to pull through the wheel hub
- · Suitable for all vehicle brands
- · For drive shafts with outside and inside thread

- 2 spindles (M14, M16) to pull the drive shaft through the wheel hub or separate the joint from the drive shaft when the joint has an inside thread
- 2 sleeves to support it on the wheel hub
- 1 spindle nut
- 7 screw sleeve adapters:
- M16 x 1.5 VAG. MAZDA
- M18 x 1.5 Volvo, SUZUKI, OPEL
- 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, MAZDA, HONDA, VAG
- M27 x 1.5 PSA, BMW, FORD
- M30 x 1.5 MERCEDES-BENZ, PSA, BMW





Compatible with impact extractor 4797-1





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



HAZET

Stationary universal spring vice set

Innovative mounting and installation 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 4900-2 A and all tensioning jaws of System 4900 may be used
- · Use of future applications is assured

Allows record keeping by scaling

- If recurring, significant time savings by scaling
- Firm fixation eliminates readjustment at the same spring strut (left/right)

4 pieces, contents:

- Safety spring vice, basic unit 4900-2A
- Base support 4903-1
- Universal clamping disc, adjustable 4903-2
- Universal tensioning jaw, adjustable, including safety adapter 4903-3



4 steps to success

- Mount strut on clamping disc above gripper and spring-loaded brake
- Grip spring with universal tensioning jaw
- Operate the spring vice with reversible ratchet, cordless screwdriver or air ratchet
- Remove shock absorber load-free and install new one (then reverse order)



EAN-No. 4000896180561









Safety spring vice set

- Installing and removing the coil spring when replacing shock absorbers
- Suitable for impact wrenches
- Suitable for around 100 different vehicle types
- Closed system maintenance-free
- · Variable system thanks to easily replaceable tensioning jaws
- Location bar for machinist's vice
- Maximum span: 309 mm

5 pieces, contents:

- Base support 4900-2A
- 2 tensioning jaws 4900-11
- 2 tensioning jaws 4900-12

Made in Germany 4900-2A/5











Chassis



Universal inside spring vice set

- . Installation and removal of the coil spring on the rear axle
- Pendulum hexagonal head for equal force distribution with integrated anti-rotation protection for upper tensioning jaws
- One-sided counterholder for the spindle made possible by hexagon on top, e.g. with combination wrench HAZET 600 N-13
- Removal and installation of springs with small coil pitch e.g. for 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 \rightarrow Tested with at least four-fold safety against breakage (GS mark of tested safety)
- 17° swivel angle of the tensioning jaws now ensures the removal of C-shaped (bent) springs, e.g. on **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

6-piece set, contents:

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



Only 202 mm long!







 \bigcirc

s 21 mm

Universal application on almost all passenger cars!







Made in Germany 4904/6

EAN-No. 4000896238897





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 design enables spring replacement with remarkable time savings





Supplement

to 4904/6



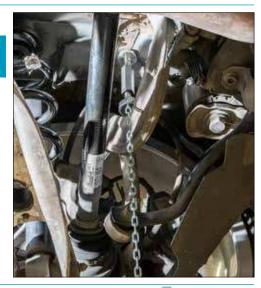
Support device

- Prevents unwanted raising of the suspension during the spring tensioning process
- Can be used on almost all vehicles helpful on vehicles with multi-link axle
- Protective pads prevent damage to the vehicle parts
- · Facilitates removal of rear axle springs
- · Safety: visual chain provides a reminder for tool removal
- Use together with universal inside spring vice set 4904/6
- Clamping range: 80 127 mm
- Pressure piece diameter: 30 mm
- Chain length: 750 mm

Made in Germany 4912-6







Chassis

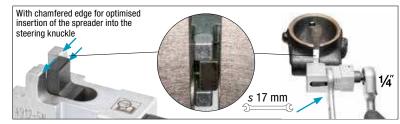
Universal spreader

- Universal application due to wide spreading range 5 11.5 mm
- Expansion of the spring strut and ball joint mounting (separating the spring strut from the wheel bearing housing)
- Optimised end stops with inspection window
- Drive with 1/4" holder for overload protection
- Robust, reinforced design
- · Compact design
- · For manual operation
- Dimensions: L 60 x H 30 x D 24 mm





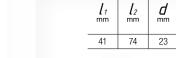
Large spreading range 5 - 11.5 mm





1/2" Special screwdriver socket set

- Operation of wheel bearing screw connection in the aluminium housing on AUDI and VW vehicles as well as **SEAT** and **ŠKODA**
- Enables loosening of the wheel bearing bolts without removing the drive shaft and ball joint time saving: approx. 35 min.
- . Taper on the shaft allows it to get past the drive shaft joint
- Ideal for confined spaces
- . Blade with TiN coating
- 2 lengths available for 4-link axle and McPherson spring struts
- Output: internal serration profile XZN M12
- · For manual operation







125 1/2





Made in Germany 2584-12/2





<i>l</i> ₁ mm	<i>l</i> ₂ mm	d	
81	114	23	

Long design





3/8" Drive shaft screwdriver socket

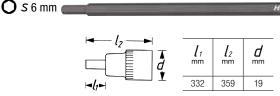
- · Actuation of the stub shaft on AUDI and VW vehicles as well as SEAT and ŠKODA
- Loosening and tightening of the fastening screws on the heat protection plate when removing the drive shaft
- Universal use for deep screw connections
- Can also be used for gearbox repair
- Torque-controlled screw tightening, e.g. with HAZET 5110-3CT possible (Please follow the manufacturer's specifications)
- Extra long design
- . Output: inside hexagon profile
- For manual operation











Operating tool for fixing nut on spring strut, MERCEDES-BENZ

- . Optimally matched operating tool (space conditions, loosening and tightening torques). Pay attention to the vehicle manufacturer's specifications
- Operation of the fixing nut for the spring strut on the MERCEDES-BENZ Sprinter Type 910 (with front-wheel drive) from model year 2018 ightarrow and E-Sprinter from model year 2020 -
- Output: s 106 mm
- Outside diameter: 151 mm
- Height: 49 mm







125 1/2





ul. Sarni Stok 73 a, 43-300 Bielsko-Biała, Polska; tel: +48 33 821 41 90-91 www.hermestools.eu

619



● s 5x5.5 – 34x36 mm

● s 6x7 – 36x41 mm



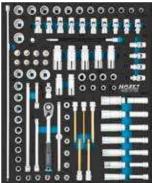
179NXXL-8D including:

- ► 616 expert tools
- ► Lateral door and socket strip
- ► Including HiPer 1/4", 3/8", 1/2"



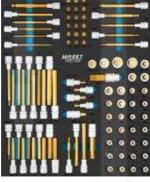
163D-2/103 10 3/8 10 3/8 🔞 🐧 🔾 🏶





163D-3/94 63 1/4 123 1/2 TIM 🔷 🔾 🔾 🔾 🔾 🔾

163D-4/44 125 1/2 🔞 🐧 🔾





163D-7/24N **◆ ○** ⊙

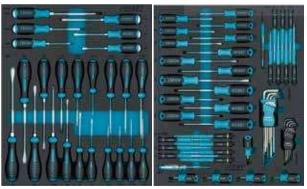
163D-10/30

163D-6/53N **● ○** ○ ○ ○

163D-9/42

◎ s 8 − 32 mm

© **©** s 5.5 − 32 mm



163D-5/24 ○ ○ ●

163D-12/30



163D-11/11

163D-8/13

Your HAZET specialist dealer







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