



# **HAZET – Range of Pliers**

## Ply our all-rounders on any occasion

- Universal Pliers
- **✓** Pliers for Electricians (VDE)
- **✓** Heavy-Duty Diagonal Cutters
- **✓** Circlip Pliers
- **✓** Special Pliers for Aviation
- Crimping Pliers
- Grip Pliers and many more ...

- ✓ Special steel for excessive use
- ✓ Induction hardened cutting edges
- Ergonomically shaped
- ✓ Top quality for a long service life





## **Cutting Performance**

## ○ Wire Pin

800 N/mm<sup>2</sup> Tensile strength (Rm)

#### **Steel Wire**

1600 N/mm<sup>2</sup> Tensile strength (Rm)

#### Piano Wire

Tensile strength (Rm) 2300 N/mm<sup>2</sup>

## **Heavy-Duty Diagonal Cutter,** bright chrome-plated



- Ergonomically shaped 2-component plastic handle covers
- Performance class H (piano wire, hardened steel wire)
- Lay-on joint American model
- Surface: bright chrome-plated
- DIN ISO 5749

#### Made in Germany

HAZET No.	/ mm	Rm N/mm <sup>2</sup> ○ 800 ⊕ 1600 ● 2300	EAN-No. 4000896+
1802-11	160	3,5 2 2,5	006038
1802-22	180	3,5 2 2,5	006052
1802-33	200	4,22,5 3	006076

## **Heavy Duty Diagonal Cutter,** sand-blasted, polished



- Ergonomically shaped 2-component plastic handle covers
- Performance class H (piano wire, hardened steel wire)
- Lay-on joint American model
- Surface: blasted, polished
- DIN ISO 5749

#### Made in Germany

HAZET No.	_ mm		N/mm <sup>2</sup> 1600 ● 2300	EAN-No. 4000896+	
1802 M-11	160	3,5 2	2 2,5	144730	
1802 M-22	180	3,5 2	2 2,5	144525	
1802 M-33	200	4,22,5	5 3	144938	

## Diagonal Cutter, bright chrome-plated



- Performance class H (piano wire, hardened steel wire)
- Lap-joint Swedish model
- Ergonomically shaped 2-component plastic handle covers
- Surface: bright chrome-plated
- DIN ISO 5749

#### Made in Germany

HAZET No.	_ mm	Rm N/mm <sup>2</sup> ○ 800 ⊕ 1600 ● 230	EAN-No. 4000896+
1803-11	145	3,61,4 2,5	093854
1803-22	165	3,51,6 2,8	006106
1803-33	180	4,21,8 3	006120

## Diagonal Cutter, sand-blasted, polished



- For steel wire
- Lap-joint Swedish model
- Ergonomically shaped 2-component plastic handle covers
- Surface: blasted, polished
- DIN ISO 5749

#### Made in Germany

HAZET No.	_ mm		Rm N 00 ⊕ 16	/mm <sup>2</sup> 00 ● 2300	EAN-No. 4000896+	
1803 M-11	145	-	2,5	1,8	145218	
1803 M-22	165	-	2,8	2	144945	
1803 M-33	180	3	2,5	-	145225	

## **High-Leverage Diagonal Cutter**



- Performance class H (piano wire, hardened steel wire)
- Leverage reduces force expenditure by 40%
- With opening spring
- · Handles with dip coating
- DIN ISO 5747

#### Made in Germany

HAZET	/	Rm N/mm <sup>2</sup>	EAN-No.
No.	mm	○ 800 ⊕ 1600 ● 2300	4000896+
1804 N-2	160	3 2,2 2,7	086276

### Pliers for Electricians (VDE)



see chapter VDE-/Tools for Electricians page 148

### **End Cutting Pliers**



- (Tower pincers)
- For e.g. car body work
- DIN ISO 9242

#### Made in Germany

HAZET	/	EAN-No.
No.	mm	4000896+
1810-250	250	006236

## Flat Nose Pliers, bright chrome-plated



- Ergonomically shaped 2-component plastic handle covers
- Surface: bright chrome-plated
- Functional dimensions according to DIN ISO 5745

#### Made in Germany

HAZET	/	EAN-No.
No.	mm	4000896+
1816-22	160	006274

## Flat Nose Pliers, sand-blasted, polished



- Ergonomically shaped 2-component plastic handle covers
- · Surface: blasted, polished
- Functional dimensions according to DIN ISO 5745

#### Made in Germany

HAZET	/	EAN-No.	
No.	mm	4000896+	
1816 M-22	160	144952	

## Snipe Nose Pliers, bright chrome-plated



- · Ergonomically shaped 2-component plastic handle covers
- Straight design
- Surface: bright chrome-plated
- DIN ISO 5745

#### Made in Germanv

HAZET No.	/ mm	EAN-No. 4000896+	
1841 a-22	165	006366	
1841 a-33	205	006380	

### **Snipe Nose Pliers,** sand-blasted, polished



- Ergonomically shaped 2-component
- plastic handle covers Straight design
- Surface: blasted, polished
- DIN ISO 5745

- wade in	Germany
HAZET	

HAZET No.	/ mm	EAN-No. 4000896+	
1841 M a-11	145	145232	
1841 M a-22	165	144754	
1841 M a-33	205	144877	

## **Snipe Nose Pliers,** bright chrome-plated



- Curved jaws (45°)
- Ergonomically shaped 2-component plastic handle covers
- Surface: bright chrome-plated
- DIN ISO 5745

#### Made in Germany

H <u>AZET</u>	_	EAN-No.	
No.	mm	4000896+	
1841 b-33	200	006434	

## Hand Tools - Pliers

# Snipe Nose Pliers, sand-blasted, polished



- Curved jaws (45°)
- Ergonomically shaped 2-component plastic handle covers
- Surface: blasted, polished
- DIN ISO 5745

#### Made in Germany

HAZET No.	_ mm	EAN-No. 4000896+	
1841 M b-33	200	144891	

# Snipe Nose Pliers, bright chrome-plated



- Bent at 90°
- Slim design
- Ergonomically shaped 2-component plastic handle covers
- Surface: bright chrome-plated

#### Made in Germany

HAZET	l	EAN-No.
No.	mm	4000896+
1841 c-33	188	006465

## **Flat Nose Pliers**



- Extra long
- Especially for areas with restricted access
- Handles with dip coating

#### Made in Germany

HAZET No.	/ mm	EAN-No. 4000896+
Straight design 1841 A-280	280	051489
Curved jaws (45°) 1841 B-280	280	051694

## Combination Pliers, bright chrome-plated



- Induction-hardened cutting edges
- Ergonomically shaped 2-component plastic handle covers
- Surface: bright chrome-plated
- DIN ISO 5746

#### Made in Germany

HAZET No.	/ mm	EAN-No. 4000896+
1850-22	170	007141
1850-33	190	007165
1850-44	210	007189

# Combination Pliers, sand-blasted, polished



- Induction-hardened cutting edges
- Ergonomically shaped 2-component plastic handle covers
- Surface: blasted, polished
- DIN ISO 5746

#### Made in Germany

HAZET No.	_ mm	EAN-No. 4000896+	
1850 M-22	160	145034	
1850 M-33	180	144747	
1850 M-44	200	145041	

## Heavy Duty Combination Pliers, bright chrome-plated



- Optimum leverage ratio due to small distance between joint and cutting edges
- Induction-hardened cutting edges
- Performance class H (piano wire, hardened steel wire)
- Ergonomically shaped 2-component plastic handle covers
- Surface: chrome-plated, heads highly polished
- DIN ISO 5746

#### Made in Germany

HAZET	,	EAN-No.	
No.	mm	4000896+	
1851-44	210	055081	

## Heavy Duty Combination Pliers, sand-blasted, polished

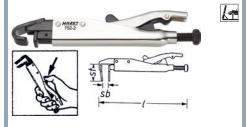


- Optimum leverage ratio due to small distance between joint and cutting edges
- Induction-hardened cutting edges
- Performance class H (piano wire, hardened steel wire)
- Ergonomically shaped 2-component plastic handle covers
- plastic nancie covers
- Surface: blasted, polishedDIN ISO 5746

#### Made in Germany

HAZET	_	EAN-No.
No.	mm	4000896+
1851 M-44	200	144914

## **Grip Pliers**



- Especially suitable for curves due to the slim design
- Gripping power works in axial direction
- Quick-release lever
- For working on U-beams and weld seams in the fold

## **Grip Pliers**

7

- For rear parts (adjustment), rear side panels, U-shaped body profiles, etc.
- Surface: bright nickel-plated

HAZET No.	_ mm	<b>b</b>	sb	st mm	EAN-No. 4000896+	
752-2	205	18	15	18	030125	

### **Micro-Grip Pliers**





- For areas with restricted access
  Only 92 mm long
- Ergonomic design, 120 g light
- Smooth rounded edges
- Straight motion of the mobile jaw
- One hand operation possible
- Brass screw for micrometer adjustment
- High-quality, heat treated aluminium alloy

			,	
HAZET No.	_l mm	sb	EAN-No. 4000896+	
752-10	92	12	071920	

## **Universal Grip Pliers**



- For small round parts and bulky work pieces
- Parallel grip jaws clamping function
- One-sided prismatic groove
- Long guide pin
- Quick-release lever
- Surface: nickel-plated

### Made in Germany

HAZET	_	sb	sb	EAN-No.	
No.	mm	mm	•mm	4000896+	
753-2	260	200	5-75	030231	

## **Grip Pliers**



- Quick-release lever
- Surface: nickel-plated

## Made in Germany

	HAZET No.	_ mm	sb	sb ● mm	EAN-No. 4000896+
ı	753-10	250	35	35	030200













## **Grip Pliers**



- One jaw straight, one half-round, with one swivel jaw
- Surface: nickel-plated

## Made in Germany

HAZET No.	/ mm	sb mm	sb ● mm	EAN-No. 4000896+	
753-10 S	250	43	16-43	030217	

## **Parallel Grip Pliers**



- Straight jaws
- Surface: nickel-plated

### Made in Germany

No. mm mm 4000896	+
<b>754-10</b> 250 50 51 030248	}

## **Automatic Grip Pliers**









- One-handed use and automatic adjustment
- Variable adjustment of jaw pressure
- New locking system
- Easy and safe release the jaws are locked until the release lever is pressed
- The cam mechanism allows to adjust the pliers automatically to any size applying a constant jaw pressure
- Anti-slip surface

HAZET No.	_ mm	sb ● mm	EAN-No. 4000896+	
755- 6 A	161	0-32	126569	
755- 7 A	192	0-44	126576	
755-10 A	230	0-44	126590	

## **Grip Pliers Wrench**



#### Special Grip Pliers Wrench for loosening tight screws

- Esp. suitable e.g. for screw connections at the tie rod on VW, AUDI, BMW
- · Gripping function acts almost as a third hand
- Quick-release lever
- Perfect power transmission
- Prevents rounded screw and nuts heads
- Surface: nickel-plated

#### Made in Germany

HAZET No.	S mm	_ mm	EAN-No. 4000896+	
756-11	11	225	159482	
756-13	13	230	159499	
756-15	15	230	159505	
756-17	17	290	159512	

## **Universal Grip Pliers**



- Half-round jaws
- · Quick-release lever
- Surface: nickel-plated

#### Made in Germany

HAZET No.	/ mm	sb	sb ● mm	EAN-No. 4000896+	
757- 5	142	25	0-25	062300	
757- 7	178	20	8-30	030347	
757-10	230	50	6-50	030293	
757-12	300	30	10-65	030323	

## **Grip Welding Clamp**



- · Especially for getting over obstacles
- Quick-release lever
- Surface: nickel-plated

#### Made in Germany

HAZET No.	_ mm	sb	sb ●mm	EAN-No. 4000896+	
758-1	280	51	35-60	030361	

### **Grip Pliers**



- Quick-release lever
- Surface: nickel-plated Made in Germany

HAZET	_	sb	st	EAN-No.
No.	mm		mm	4000896+
758-2	275	90	170-75	030378

## **Universal Pliers**











- Water pump pliers
- Box-joint
- Jaw and joint polished
- Surface: lacquered blue
- DIN ISO 8976

HAZET No.	/ mm	sb mm	sb ● mm	EAN-No. 4000896+	
759 N-1	175	25	5-31	151257	
759 N-2	250	30	6-35	030415	
109 IN-Z	230	30	0-33	030413	



- High capacity
- Fluted lay-on slip joint
- Relief-milled guide flutes
- Induction hardened
- Surface: chrome-plated, heads polished
- DIN ISO 8976

#### Made in Germany

HAZET No.	/ mm	sb	sb ●mm	EAN-No. 4000896+	
760 N-1	180	30	45	030460	
760 N-2	260	50	65	030484	
760 N-3	310	65	80	030514	
760 N-4	415	110	120	030538	

## **Swedish Pattern Wrench**



- Self-locking, safe and firm grip even of smooth tubes due to 3-point tensioning
- Application on nuts and tubes,
- 25 mm = 1" 37 mm = 1.½" 50 mm = 2" Swedish pattern
- Handles with double-T-section profile
- Slim, S-shaped jaws
- 45° offset
- Toothing offset against direction of rotation
- All-steel drop-forged
- Induction hardened toothing
- Surface: powder coated, polished jaws
- DIN 5234

HAZET No.	/ mm	sb	EAN-No. 4000896+	
2183-1.5	416	46	013753	
2183-2	535	65	013760	

## Hand Tools - Pliers





- Safe and easy working due to precise, conical and relief-ground jaws (phosphatized)
- Various types of pliers tips allow universal application
- Solid plastic body
   the metal core extends far into the pliers' shanks - light-weight- ergonomically shaped
- With readjusting spring
- Twist-safe, tips are welded to the solid metal core
- Straight design, form A
- For outside lockrings (shafts)
- DIN 5254

#### Made in Germany

HAZET No.	_ mm	mm	W mm	EAN-No. 4000896+	
1845 A- 3	143	3-10	0.9	048663	
1845 A-10	140	10-25	1.3	048670	
1845 A-19	180	19-60	1.8	048687	



- Bent jaws (90°), form B
- For outside lockrings (shafts)

### Made in Germany

HAZET No.	_ mm	mm	W	EAN-No. 4000896+	
1845 B- 3	130	3-10	0.9	048694	
1845 B-10	130	10-25	1.3	048700	
1845 B-19	172	19-60	1.8	048717	



- Straight design, form C
- For inside lockrings (bore holes)
- DIN 5256

#### Made in Germany

HAZET No.	_ mm	O mm	Wmm	EAN-No. 4000896+	
1845 C- 8	140	8-11	0.9	048724	
1845 C-12	140	12-25	1.3	048731	
1845 C-19	180	19-60	1.8	048748	

## **Lockring Pliers**



- Bent jaws (90°), form D
- For inside lockrings (bore holes)

#### Made in Germany

HAZET No.	_ mm	Omm	W	EAN-No. 4000896+
1845 D- 8	133	8-11	0.9	048755
1845 D-12	133	12-25	1.3	048762
1845 D-19	170	19-60	1.8	048779

## **Lockring Pliers Set**



### Set of 8 pieces

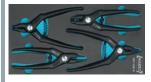
• DIN 5254

## Made in Germany

Contents:

1845 A-10 19 1845 B-10 19 1845 C-8 1845 D-8

HAZET	EAN-No.
No.	4000896+
1845/8	048656



### Made in Germany

HAZET EAN-No.

4 pieces in soft foam insert Safety-Insert-System (for SmartCase L 1/3)

Contents:

1845 A-19 1845 B-19 1845 C-19 1845 D-19

163-124/4 153602

## **Lockring Pliers**



- · Cylindrical tips worked out in optimal angle
- Exactly defined cone tips
- Safe fit of the lockrings
- Electrothermic hardening and tempering
- For inside lockrings (bore holes)
- Straight design
- Surface: chrome-plated, tip steel grey
- DIN 5256 form C

## **Lockring Pliers**

#### Made in Germany = not according to DIN

HAZET No. 0 EAN-No. 4000896+ 1846 a-0 139 0.9 006793 8- 25 1846 a-1 \* 140 10- 25 006809 1.3 1846 a-2 180 19- 60 1.8 006816 1846 a-3 225 40-100 2.3 006823 1846 a-4 \* 310 85-165 006830



- For inside lockrings (bore holes)
- Bent jaws (90°)
- Surface: chrome-plated, tip steel grey
- DIN 5256 form D

#### Made in Germany

\* = not according to DIN

HAZET No.	/ mm	O mm	W mm	EAN-No. 4000896+
1846 b-0	139	8- 25	0.9	006847
1846 b-1 *	140	10- 25	1.3	006854
1846 b-2	180	19- 60	1.8	006861
1846 b-3	225	40-100	2.3	006878
1846 b-4	310	85-165	3.2	006885



- · For outside lockrings (shafts)
- Straight design
- Surface: chrome-plated, tip steel grey
- DIN 5254 form A

#### Made in Germany

HAZET No.	_ mm	mm	Wmm	EAN-No. 4000896+
1846 c-0	139	3- 10	0.9	006892
1846 c-1	140	10- 25	1.3	006908
1846 c-2	180	19- 60	1.8	006915
1846 c-3	225	40-100	2.3	006922
1846 c-4	310	85-165	3.2	006939



- For outside lockrings (shafts)
- Bent jaws (90°), form B
- Surface: chrome-plated, tip steel grey
- DIN 5254 form B

### Made in Germany

\* = not according to DIN

	_			
HAZET No.	/ mm	mm	W	EAN-No. 4000896+
1846 d-0	139	3- 10	0.9	006946
1846 d-1	140	10- 25	1.3	006953
1846 d-2 *	180	19- 60	1.8	006960
1846 d-3	225	40-100	2.3	006977
1846 d-4	310	85-165	3.2	006984











## Hand Tools - Pliers

## **Lockring Pliers**



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

#### Made in Germany

1846 b-05/2

HAZET 0 EAN-No. 4000896+ Straight jaws for inside lockrings (bore holes) 1846 a-5 545 122-300 3.5 081271 Replacement tips, straight for 1846 a-5 1846 a-05/2 081288 Conversion tips, bent at 90°, to convert the Pliers 1846 a-5



081318

- For the operation of deeply located lockrings e.g. on calipers and gear boxes
- With long bent jaws (90°)
- Ergonomically shaped 2-component plastic handle covers
- · Surface: chrome-plated

#### Made in Germany

	-			
HAZET No.	/ mm	E mm	EAN-No. 4000896+	
1846 b-1.6	195	1.6	061457	



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

#### - Mada in Carmanu

- waue in	Germ	arry			
HAZET No.	_l mm	mm	Wmm	EAN-No. 4000896+	
Straight jav	s for	outside lo	ckrin	igs (shafts)	
1846 c-5	538	122-300	3.5	081332	
Replaceme for 1846 c-5		s, straight			
1846 c-05/2	-	-	-	081349	
Conversion to convert th					

081370

## **Lockring Pliers**



- For circlips on outside lockrings (shafts) e.g. on gearboxes
- Bent tips, chequered (90°)
- Surface: chrome-plated

#### Made in Germany

HAZET	/	EAN-No.	
No.	mm	4000896+	
1847-2	200	007011	



- For circlips on outside lockrings (shafts) on VW, AUDI, e.g. outside homocinetic joint
- Bent tips, chequered (10°)
- Surface: chrome-plated

#### Made in Germany

HAZET	_	EAN-No.	
No.	mm	4000896+	
1847-3	200	007028	



For circlips,

**4** (E)

- e.g. on cardan shafts and gearboxes especially on VW, AUDI, SEAT, ŠKODA
- Exterior cardan shafts/bearings
- Bent tips (30°)
- Surface: chrome-plated

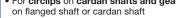
#### Made in Germany

HAZET	/	EAN-No.
No.	mm	4000896+
1847-6	200	050468



## **Lockring Pliers**

• For circlips on cardan shafts and gearboxes



- Especially on **VW** e.g. **VW** T 4
- Bent tips (30°)
- Surface: chrome-plated

#### Made in Germany

HAZET	/	EAN-No.	
No.	mm	4000896+	
1847-61	200	058761	

### Wire Twisters





- For screw retention,
- e.g. for the aerospace and motor sport sector
- Right-hand drive
- Bevelled at 30°
- $\bullet$  For wires up to 1.6 mm  $\varnothing$
- With side cutter and serrated jaws
- Special steel (solid metal pattern)
- Head polished

HAZET	/	EAN-No.	
No.	mm	4000896+	
1811-250	250	078936	

#### **Connector Pliers**









- · For loosening and tightening plug adapters e.g. Canon-Connectors
- For careful operation of light alloy screwings and tube fittings without damaging the surface
- Replaceable plastic jaws
- 4-position slip joint
- · Handles with plastic coating
- Surface: chrome-plated

- wade in Germany	
HAZET No.	EAN-No. 4000896+
1815-230	078943
Spare plastic jaws (pair) for 1815-230	
1815-01/2	079643

1846 d-05/2

## Hand Tools - Pliers



## **Crimping Pliers**





















Application fields: DIN cable lugs, pin-type cable sockets, flat pin terminals, flat pin bushings, circular connectors, snapin receptacles, butt connectors, parallel connectors

- Crimping of conductor crimp and insulation crimp in one working step
- Intensive insulation crimp with special profile geometry
- Integrated lock with releasing mechanism provides complete crimp
- Ergonomic soft grip handles with anti-slip covers
- All stressed parts are specially tempered
- Easy handling
- Profile coding
- Profiles/cross-sectional areas:
   red: 0.5-1.0 mm²/AWG 20-16
   blue: 1.5-2.5 mm²/AWG 16-14
   yellow: 4.0-6.0 mm²/AWG 12-10
- Length: 220 mm, width: 80 mm
- Weight: 510 g
- Surface: burnished

## Made in Germany

HAZET	EAN-No.
No.	4000896+
4656-1	127351

## With quick-change system (locking pins allow fast and easy changing of the pliers' head)

- For a multitude of non-insulated cable and plug-type connectors
- Integrated lock with release mechanism ensures complete crimping process
- Less expenditure of force due to an optimal force transmission ratio
- Linear crimping providing consistent rolling of conductor and insulator crimp
- The insulation stop allows the positioning of the contact inthe crimping profile independent of the type of contact used
- With change head for cross sections 0.35-1.5 mm<sup>2</sup> complete, basic tool included
- 1st profile: 0.35-0.5 mm²/
  2nd profile: 1.5 mm²/
  3rd profile: 0.5-1.0 mm²
  conductor crimp = B-crimp/
  insulation crimp = O-crimp

## Made in Germany

H <u>AZET</u> No.		EAN-No. 4000896+
4658-10	150	129515