



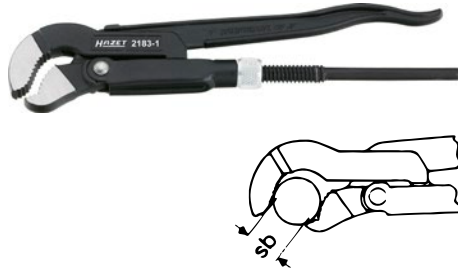
# Hand Tools

## Pliers



### 2183 Swedish pattern wrench

- Swedish pattern
- 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"
- Handles with double-T-section profile
- Slim, S-shaped jaws, 45° angle
- Induction-hardened teeth offset against direction of rotation
- Forged design
- Surface: powder coated, polished jaws
- DIN 5234



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

### 1811 Wire twisters

#### • Side cutter and serrated jaws

- Right-hand drive
- Bevelled at 30°
- For wires up to 1.6 mm Ø
- Solid metal design
- Head polished



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

### 1845 A Circlip pliers

#### • Made in Germany

- Safe and fast working
- Firm hold on the safety ring thanks to precise, conical and relief-ground jaws (phosphatized)
- Solid plastic body
  - Extremely resilient metal core extends far into the pliers' shanks
  - Light-weight – ergonomically shaped
- Readjusting spring
- Twist-safe, tips are welded to the solid metal core
- Straight design (form A)
- For outside lockrings
- DIN 5254



HAZET No.	l mm	Ø mm	mm	EAN-No. 4000896+
1845 A- 3	140	3–10	0.9	048663
1845 A-10	140	10–25	1.3	048670
1845 A-19	180	19–60	1.8	048687

### 1845 B Circlip pliers

#### • Made in Germany

- Safe and fast working
- Firm hold on the safety ring thanks to precise, conical and relief-ground jaws (phosphatized)
- Solid plastic body
  - Extremely resilient metal core extends far into the pliers' shanks
  - Light-weight – ergonomically shaped
- Readjusting spring
- Twist-safe, tips are welded to the solid metal core
- Tips bent 90° (form B)
- For outside lockrings



HAZET No.	l mm	Ø mm	mm	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

### 1845 C Circlip pliers

#### • Made in Germany

- Safe and fast working
- Firm hold on the safety ring thanks to precise, conical and relief-ground jaws (phosphatized)
- Solid plastic body
  - Extremely resilient metal core extends far into the pliers' shanks
  - Light-weight – ergonomically shaped
- Readjusting spring
- Twist-safe, tips are welded to the solid metal core
- Straight design (form C)
- For inside lockrings
- DIN 5256



HAZET No.	l mm	Ø mm	mm	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





### 1845 D Circlip pliers

**Made in Germany**

- Safe and fast working
- Firm hold on the safety ring thanks to precise, conical and relief-ground jaws (phosphatized)
- Solid plastic body
  - Extremely resilient metal core extends far into the pliers' shanks
  - Light-weight – ergonomically shaped
- Readjusting spring
- Twist-safe, tips are welded to the solid metal core
- Tips bent 90° (form D)
- For inside lockrings

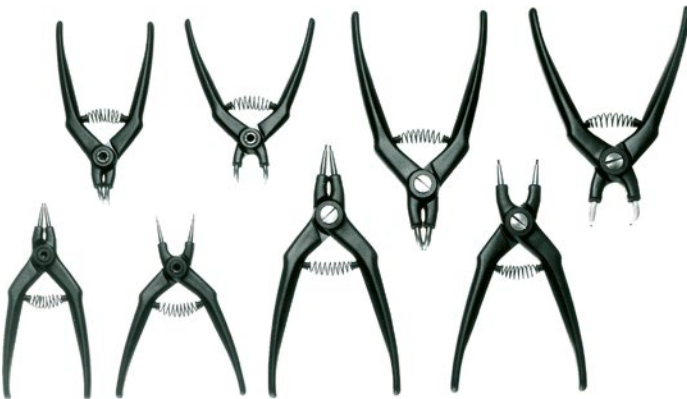


HAZET No.	l mm	Ø mm	mm	EAN-No. 4000896+
1845 D- 8	133	8–11	0.9	048755
1845 D-12	133	12–25	1.3	048762
1845 D-19	170	19–60	1.8	048779

### 1845 Circlip pliers set

**Made in Germany**

- Safe and fast working
- Firm hold on the safety ring thanks to precise, conical and relief-ground jaws (phosphatized)
- Solid plastic body
  - Extremely resilient metal core extends far into the pliers' shanks
  - Light-weight – ergonomically shaped
- Readjusting spring
- Twist-safe, tips are welded to the solid metal core
- DIN 5254



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

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

### 1845 Circlip pliers set

**Made in Germany**

- Safe and fast working
- Firm hold on the safety ring thanks to precise, conical and relief-ground jaws (phosphatized)
- Solid plastic body
  - Extremely resilient metal core extends far into the pliers' shanks
  - Light-weight – ergonomically shaped
- Readjusting spring
- Twist-safe, tips are welded to the solid metal core
- DIN 5254



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

HAZET No.	mm	EAN-No. 4000896+
1845/4	4	184132

**Made in Germany**

- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant
- DIN 5254

1/3			
-----	--	--	--



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

HAZET No.	L x W mm	mm	EAN-No. 4000896+
163-124/4	342x172	4	153602

### 1846 A Circlip pliers

**Made in Germany**

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



HAZET No.	l mm	Ø mm	mm	EAN-No. 4000896+
1846 a-0	139	8–13	0.9	006793
1846 a-1	140	12–25	1.3	006809
1846 a-2	180	19–60	1.8	006816
1846 a-3	225	40–100	2.3	006823
1846 a-4	310	85–140	3.2	006830



# Hand Tools

## Pliers



### 1846 A Circlip pliers

**Made in Germany**

• Quick-releasing locking mechanism for holding the respective removal or installation position

- Shanks made of sheet steel
- Tips tempered, screwed, replaceable
- Straight design (from C)
- For inside lockings
- Surface: powder coated



HAZET No.	l mm	⌀ mm	≡ mm	EAN-No. 4000896+
• Straight jaws for inside lockings (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				
1846 b-05/2	-	-	-	081318

### 1846 B Circlip pliers

**Made in Germany**

- Tips bent 90° (form D)
- For inside lockings
- Surface: chrome-plated, tip steel grey
- DIN 5256 form D

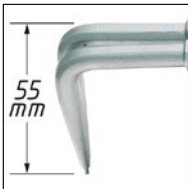


HAZET No.	l mm	⌀ mm	≡ mm	EAN-No. 4000896+
1846 b-0	139	8-13	0.9	006847
1846 b-1	140	10-25	1.3	006854
1846 b-2	180	19-60	1.8	006861
1846 b-3	225	40-100	2.3	006878
1846 b-4	310	85-165	3.2	006885

**Made in Germany**

• Long, 90° angled tips

- Jaws curved 90°
- Ergonomically shaped HAZET 2-component plastic handle covers (blue/black)
- Surface: chrome-plated



HAZET No.	l mm	⌀ mm	≡ mm	EAN-No. 4000896+
1846 b-1.6	195	12-30	1.5	061457

### 1846 C Circlip pliers

**Made in Germany**

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



### 1846 C Circlip pliers

HAZET No.	l mm	⌀ mm	≡ mm	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	85-140	3.2	006939

**Made in Germany**

- Shanks made of sheet steel
- Tips tempered, screwed, replaceable
- Straight design (form A)
- For outside lockings
- Surface: powder coated



HAZET No.	l mm	⌀ mm	≡ mm	EAN-No. 4000896+
• Straight jaws for outside lockings (shafts)				
1846 c-5	538	122-300	3.5	081332
• Replacement tips · straight For 1846 c-5				
1846 c-05/2	-	-	-	081349
• Conversion tips · bent at 90° To convert the pliers 1846 c-5				
1846 d-05/2	-	-	-	081370

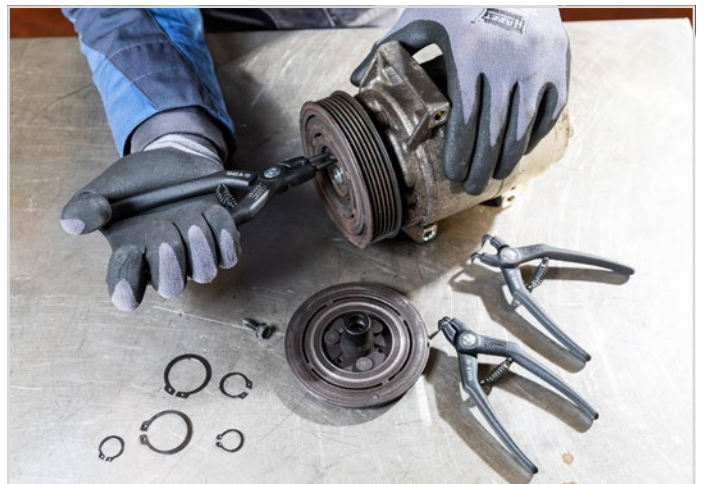
### 1846 D Circlip pliers

**Made in Germany**

- Tips bent 90° (form B)
- For outside lockings
- Surface: chrome-plated, tip steel grey
- DIN 5254 form B



HAZET No.	l mm	⌀ mm	≡ mm	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	85-140	3.2	006984





### 1847 Circlip pliers

**Made in Germany**

- Jaws bent 90°, tips chequered
- For outside lockrings
- Surface: chrome-plated



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

**Made in Germany**

- For homocinetic joint or drive shaft
- Jaws bent 10°, tips chequered
- For outside lockrings
- Surface: chrome-plated



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

**Made in Germany**

- Jaws bent 30°
- Surface: chrome-plated



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

**Made in Germany**

- Jaws bent 30°
- Surface: chrome-plated



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

### 1847 Circlip pliers set

**Made in Germany**

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



- Easy fixing of the locking pliers with the circlip
- The pliers automatically slip down when striking the joint
- Safe work without damage to the bellows
- For drive shafts from all manufacturers
- One-hand operation of the pliers
- No other tools needed

#### Application tip:

- Insert appropriate half shells (shaft diameter) in pliers
- Place pliers on serration with pre-assembled circlip and clamp
- Pre-positioning of the joint due to conical shape of the pliers makes it easier to introduce the serration without damage
- Suitable for almost all vehicles commonly registered in Europe
- Plastic box 165-L (1/3)
- Safety-Insert-System, 2-component soft foam insert. Insert also suitable for HAZET Assistant



1847-12	1847-123/2	1847-126/2
1847-121/2	1847-124/2	
1847-122/2	1847-125/2	1847-127/2



YouTube Clip

HAZET No.	L x W x H mm	□	EAN-No. 4000896+
1847-12/15	355x235x65	15	221288

### 1847 Components

**Made in Germany**



HAZET No.	EAN-No. 4000896+
• Circlip pliers	
1847-12	222117
• Half shell pair (∅ 19 mm)	
1847-121/2	221295
• Half shell pair (∅ 21.4 mm)	
1847-122/2	221301
• Half shell pair (∅ 22.3 – 23 mm)	
1847-123/2	221318
• Half shell pair (∅ 23.8 – 24.6 mm)	
1847-124/2	221325
• Half shell pair (∅ 26.2 – 26.9 mm)	
1847-125/2	221332
• Half shell pair (∅ 28.5 – 29.2 mm)	
1847-126/2	221349
• Half shell pair (∅ 30 mm)	
1847-127/2	221356