

# CIRCLIP PLIERS

45

## Special Retaining Ring Pliers

for retaining rings on shafts

DIN ISO 5743



- for fitting horseshoe-shaped spring retaining rings and circlips without grip holes
- for shaft retaining devices
- with opening spring
- Chrome vanadium electric steel, forged, oil-hardened



45 10 170



45 10 170



45 21 200



45 21 200



45 21 200

**45 10 170**  
 for retaining rings with a minimum ring split gap of 3.6 mm

**45 21 200**  
 angled jaws with centering hole; for snap rings larger than 12.0 mm dia., e.g. for securing cardan shafts in a motor vehicle; minimum ring split gap of the rings 2.2 mm

Article No.	EAN 4003773-	↔ mm		Pliers	Handles	g
45 10 170	017370	170		burnished		156
45 21 200	031208	200		burnished	plastic coated	186

**45 10 170**  
 for retaining rings with a minimum ring split gap of 3.6 mm

**45 21 200**  
 angled jaws with centering hole; for snap rings larger than 12.0 mm dia., e.g. for securing cardan shafts in a motor vehicle; minimum ring split gap of the rings 2.2 mm

46

## Circlip Pliers

for grip rings on shafts

DIN ISO 5743



- for fitting grip rings on shafts from 1.5 - 30 mm dia.
- with opening spring
- solid style, forged
- non-slip, solid tips
- Pliers body and tips: chrome vanadium steel, forged, oil-hardened



46 11 G0



46 11 G2

**46 11 G0**  
 for rings of 1.5 - 4.0 mm dia., with adjustable stop screw to prevent overstretching

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Size of shaft Ø mm	Tips Ø mm	g
46 11 G0	047896	140		black atramentized	polished	plastic coated	1.5 - 4.0	0.9	87
46 11 G1	031062	140		black atramentized	polished	plastic coated	4.0 - 7.0	1.3	85
46 11 G2	031079	140					5.0 - 13.0	1.8	85
46 11 G3	031086	140					14.0 - 18.0	2.3	86
46 11 G4	031093	180					20.0 - 30.0	3.2	134