

# Circlip Pliers with 45° bending



Comfortable working  
in confined areas



44 31 J22



46 31 A22



- ▶ unhindered view to the operating zone of the tips
- ▶ good access to overbuilt circlips
- ▶ range of application up to 140 mm diameter

**KNIPEX** Quality – Made in Germany

**NEW**

# Circlip Pliers

- ▶ good access to widely overbuilt circlips, also if other components are in the way
- ▶ solid style, forged
- ▶ non-slip, solid tips
- ▶ Chrome Vanadium electric steel, oil-hardened and tempered
- ▶ polished head, plastic coated handles



## Internal Circlip Pliers (bore holes)



- on the basis of DIN 5256 D, but bent 45°
- for fitting internal circlips in bore holes from 8 - 140 mm diameter



Article-No.	EAN 4003773-	Size of bore hole ø mm	↔ mm	⚖ g
44 31 J02	066941	8-13	140	95
44 31 J12	066958	12-25	140	95
44 31 J22	066965	19-60	180	145
44 31 J32	066972	40-100	225	200
44 31 J42	066989	85-140	310	465

## External Circlip Pliers (shafts)



- on the basis of DIN 5254 B, but bent 45°
- for fitting external circlips on shafts from 3 - 140 mm diameter



Article-No.	EAN 4003773-	Size of shaft ø mm	↔ mm	⚖ g
46 31 A02	066996	3-10	130	80
46 31 A12	067009	10-25	130	80
46 31 A22	067016	19-60	185	135
46 31 A32	067023	40-100	210	215
46 31 A42	067030	85-140	310	510

MM with opening spring

Your distributor



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