

81

## Pipe Gripping Pliers

for tube fittings and connectors

DIN ISO 5743



81 03 230



81 13 230

- ideal for tightening and releasing plastic pipe joints, round union nuts, etc. from 25 up to 65 mm dia.
- with serrated gripping jaws
- 4-position adjustable slip joint
- Chrome vanadium electric steel, forged, oil-hardened



81 13 230

with plastic jaws for careful installation up to 60 mm dia.

Article No.	EAN 4003773-	↔ mm		Pliers	Handles	Working Capacity Ø mm	⚖ g	
81 03 230	018957	230		chrome plated	plastic coated	25 - 65	294	
81 13 230	050117	230		chrome plated	plastic coated	25 - 60	288	
81 19 230	050124	2 pairs of plastic jaws for 81 13 230						

84

## Cycle Pliers

DIN ISO 5743



84 11 200



- for very narrow screw connections
- Special tool steel, forged, oil-hardened

84 11 200  
straight head

84 21 200  
20° angled head

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Recess Ø mm	Head thickness mm	⚖ g
84 11 200	051923	200		black atramentized	polished	plastic coated	6 / 10	3.5	177
84 21 200	051930	200		black atramentized	polished	plastic coated	6 / 10	3.5	182