

87 KNIPEX-"Cobra..matic", Water Pump Pliers for one-hand operation

patented

DIN ISO 8976



87 11 250

Article-No.	EAN-Code	Head	Handles	Capacities		g
				for pipes	for nuts	
Length mm	Code 4003773-			⌀ Inch	⌀ mm (across flats)	
87 11 180	026921	polished	with non-slip plastic coating	1 1/4	30	170
250	022107			1 1/2	36	300
87 19 180	026938	spare spring				
250	022640					

- ▶ the proved "Cobra" with automatic adjustment
- ▶ the plier can be opened and adjusted directly at the workpiece with one hand

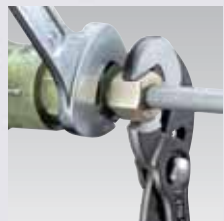
- ▶ the "Cobra..matic" closes when pushing a button
- ▶ the integrated spring of the automatic adjustment is shielded in the handles
- ▶ gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: low wear and secure gripping
- ▶ Chrome Vanadium electric steel, oil-hardened and tempered

87 Multiple Slip Joint Spanner

patented



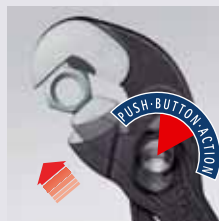
87 41 250



Multiple Slip Joint Spanner as the second spanner for tightening locknuts



Working on tight nuts with rounded edges



Fine adjustment by pushing a button: fast and comfortable



Self-locking: no slip on workpieces; less effort required

Article-No.	EAN-Code	Head	Handles	Capacities		g
				mm	Inch	
Length mm	Code 4003773-					
87 41 250	054566	polished	with non-slip plastic coating	10-32	7/16"-1 1/4"	315

- ▶ for hexagonal screws and nuts width across flats 10 - 32 mm (7/16" - 1 1/4"); self-locking in the range of 17 - 32 mm (11/16" - 1 1/4"); no slip on workpieces; less effort required
- ▶ replaces a complete set of spanners
- ▶ perfect fitting grip on bolt heads and nuts with metric or imperial sizes; no rounding of gripping surfaces
- ▶ the plier-type gripping movement of the jaws allows threaded connections to be tightened and released quickly using the ratchet principle
- ▶ ideal for tightening locknuts
- ▶ secure and tight grabbing of bolt heads with rounded edges, rusted nuts or heavily coated workpieces
- ▶ secure catch of the hinge bolt: no unintentional shifting
- ▶ box-joint design: high stability because of double guide
- ▶ guard prevents operators' fingers being pinched
- ▶ ergonomic handle design with non-slip plastic coating for comfortable grip particularly with large and tight nuts

KNIPEX special

The new KNIPEX Multiple Slip Joint Spanner is a combination tool that offers the convenience of the comfortable push-button adjustment on the workpiece and the function of an adjustable spanner. Zero backlash pressure of the jaws avoids slipping on the threaded connection or a rounding effect on the edges. Even rounded edges and heavily coated workpieces that do not offer a convenient gripping surface to conventional wrenches, can be loosened with the exceptionally powerful gripping jaws of the Multiple Slip Joint Spanner.

- ▶ one-hand fine adjustment by pushing a button with 15 adjustment positions directly on the workpiece for perfect grip on different sized workpieces and a favourable position of the hand
- ▶ Chrome Vanadium steel, oil-hardened and tempered