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Multiple Slip Joint Spanner

PATENTED

DIN ISO 5743



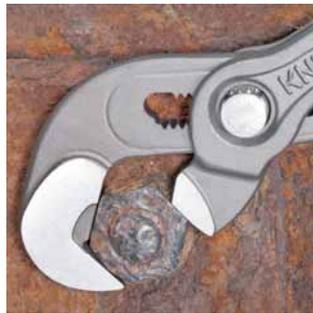
87 41 250



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



Fine adjustment by pushing a button: fast and comfortable



In operation on rusted nut with rounded edges

The Multiple Slip Joint Spanner combines the convenience of the comfortable push-button adjustment on the workpiece and the function of an all-purpose tightening tool. Jaw gripping with zero backlash prevents slipping on the bolt head or rounding edges. Even rusty or thick coated bolted connections which have no surfaces capable of being gripped reliably by a conventional spanner can be managed by the exceptionally powerful closing gripping jaws of this spanner.

- for metric and imperial nuts and screws with widths across flats from 10 to 32 mm (3/8" up to 1 1/4"); self-locking from 17 mm: no slipping on the workpiece
- zero-backlash gripping of metric or imperial hexagonal headed screws, no rounding of bolt heads
- reliable and tight gripping of rounded, rusty, or thick coated bolts and screws
- ideal for work on vehicle brake systems
- quick tightening of bolted connections using ratchet action
- adjustment at the touch of a button directly on the workpiece, also possible with one hand only
- fine adjustment for optimum adaptation to different sizes of workpieces and a comfortable handle width
- box-joint design: high stability because of the double guide
- reliable catching of the hinge bolt: no unintentional shifting
- favourable lever action: optimum transmission of force
- guard prevents operators' fingers being pinched
- replaces a set of wrenches, ideal for tightening locknuts
- Chrome vanadium electric steel, forged, oil-hardened

Article No.	EAN	↔ mm		Pliers	Head	Handles	Hexagon Inch	Hexagon mm	Adjustment positions	Weight g
87 41 250	054566	250		grey atramentized	polished	with non-slip plastic coating	3/8 - 1 1/4	10 - 32	15	328

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KNIPEX SmartGrip®

PATENTED

Water Pump Pliers with automatic adjustment

DIN ISO 8976



85 01 250



Adjustment to suit the workpiece is automatic with the KNIPEX SmartGrip®! Place the outer jaw on the workpiece, squeeze the handles - turn!

- ideal for frequent changeovers to workpieces of different sizes
- automatic adjustment per one-hand operation both for right-handed and left-handed use
- good access to the workpiece thanks to the slim dimensions in the head and joint area and flush joint bolt
- self-locking on pipes and nuts: no slipping on the workpiece and low handforce required
- gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: low wear and stable gripping
- box-joint design: high stability because of the double guide
- guard prevents operators' fingers being pinched
- locking lever for space saving transport with reliable closed handles
- Chrome vanadium electric steel, forged, oil-hardened

Article No.	EAN	↔ mm		Pliers	Head	Handles	Ø Inch	Ø mm	Hexagon mm	Weight g
85 01 250	061304	250		grey atramentized	polished	with non-slip plastic coating	1 1/4	32	36	370