

Multiple Slip Joint 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
- > Push the button for adjustment 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 for high stability due to double guide
- > Reliable catching of the hinge bolt: no unintentional shifting
- > Favourable lever action: optimum transmission of force
- > Pinch guard prevents operators' fingers being pinched
- > Replaces a set of wrenches, ideal for tightening locknuts
- > Chrome vanadium electric steel, forged, multi stage oil-hardened



87 41 250








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



In operation on rusted nut with rounded edges

The Raptor Pliers 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.



Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	 Inch	 mm	Adjustment positions	 g
87 41 250	054566	250		grey atramentized	polished	with non-slip plastic coating	10 - 32	15	328	328

KNIPEX SmartGrip®

Water Pump Pliers with automatic adjustment

- > 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 of 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: high wear resistance and stable gripping
- > Box-joint design for high stability due to double guide
- > Pinch guard prevents operators' fingers being pinched
- > Locking lever for space saving transport with reliable closed handles
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > 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!



Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	 Ø Inch	 Ø mm	 mm	 g
85 01 250	061304	250		grey atramentized	polished	with non-slip plastic coating	1 1/4	32	36	370