

Puller for Cylinder Pin

(German Utility Model)

KL-0181-90

Removing pins from engine blocks (Aluminium or Steel), Crankshafts, Flywheels, etc. is a real problem for the Mechanic, and even impossible if the pin is hardened. The newly-developed KLANN Puller **KL-0181-90** is the solution to this well-known problem. By using the appropriate Chuck both hardened and unhardened pins can be removed within a few seconds.

Scope of Delivery:

KL-0181-90 Puller for Cylinder Pin

Part No.	Description	Qty.
KL-0181-900	Puller for Cylinder Pin Basic Tool	1
KL-0181-9915	Plastic distance plate 5 mm	1
KL-0181-9916	Plastic distance plate 10 mm	1
KL-0181-9917	Plastic distance plate 20 mm	1
KL-0181-9918	Plastic Support Ring	1
KL-0181-901	Chuck Set Ø6/8/10 mm for unhardened pins	1
KL-0181-911	Chuck Set Ø6/8/10 mm for hardened pins	1

Scope of Delivery:

KL-0181-920 Extension Set for Crankshaft Pins

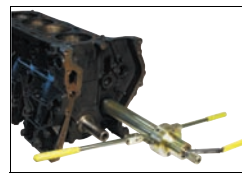
Part No.	Description	Qty.
KL-0181-9201	Support Ring	1
KL-0181-9208	Chuck Ø8 mm for unhardened pins	1



KL-0181-90



KL-0181-920



Support ring / Chucks

KL-0181-...

- KL-0181-9203 Support ring 18 mm
- KL-0181-9204 Chuck Ø4 for unhardened pins (6 mm enlarged)
- KL-0181-9209 Chuck Ø9 for unhardened pins (5 mm enlarged)
- KL-0181-9214 Chuck Ø14 for oil injection nozzles MB



KL-0181-9203



KL-0181-9204

KL-0181-9209

KL-0181-9214

Puller for Oil Injection Nozzles with Support Frame (German Utility Model)

KL-0181-93

Mercedes CDI engines OM611, OM612, OM613.

Designed for pulling the oil injection nozzle out of the crankcase. By using the appropriate Chuck both hardened and unhardened pins can be removed within a few seconds.



oil injection nozzle

Guide Sleeve Puller

(German Utility Model)

KL-0181-80

Guide sleeves can be pulled out and knocked in without incurring any damage. The puller works on the principle of an internal collet chuck.

In engine and gearbox engineering, so-called guide sleeves are used for accurate fixing of the housing halves. These guide sleeves should therefore not be installed or removed with tongs or a hammer.

Scope of Delivery:

KL-0181-80 Guide Sleeve Puller

Part No.	Description
KL-0181-800	Slide hammer
KL-0181-8005	Internal collet chuck Ø 5 mm
KL-0181-8006	Internal collet chuck Ø 6 mm
KL-0181-8007	Internal collet chuck Ø 7 mm
KL-0181-8008	Internal collet chuck Ø 8 mm
KL-0181-8009	Internal collet chuck Ø 9 mm
KL-0181-8010	Internal collet chuck Ø 10 mm

