

20-1-S 2-arm universal puller with narrow trigger hooks



DESCRIPTION

The 2-arm universal puller with narrow puller hooks is used to safely pull off bearings, gears and washers in all common sizes for crafts, workshops and industry. It can be used to loosen any component that sits on a shaft and is freely accessible from the outside. The narrow puller hooks ensure that even narrow and poorly accessible gaps can be reached

RANGE OF APPLICATION

For the safe removal of bearings, gear wheels and discs

BENEFIT

- Narrow trigger hooks grip optimally in narrow and poorly accessible places
- Screw connection allows easy loosening and particularly tight tightening of the trigger hooks with a hexagonal spanner
- Application also with eccentric components due to free-moving trigger hooks sliding on the crosshead
- Hexagonal profile on the crossbar for safe counter-holding
- Variable adjustment to any span between 11 mm – 90 mm
- Shear-proof suspension of the claw in the slide (Armlock Technology)
- Safe positioning of the spindle due to rotatable spindle tip both on smooth surfaces and for centring (Switch Technology)
- Optionally convertible from an external extractor to an internal extractor by reversing the extractor hooks
- Anti-slip device on the spindle head for safe working with spanners
- Spindle run-out to protect the thread

OPERATION

- Attach the puller hook to the part to be pulled off from the outside
- Slide the claws under the part
- Use a spanner to fix the hooks
- Pull the spindle manually to fix it
- Move the hexagon on the spindle head with a ratchet or a combination spanner until the component is released

APPLICATION IMAGE



DETAIL IMAGE



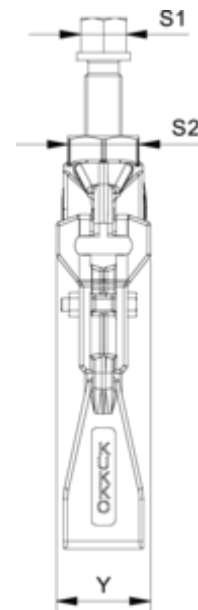
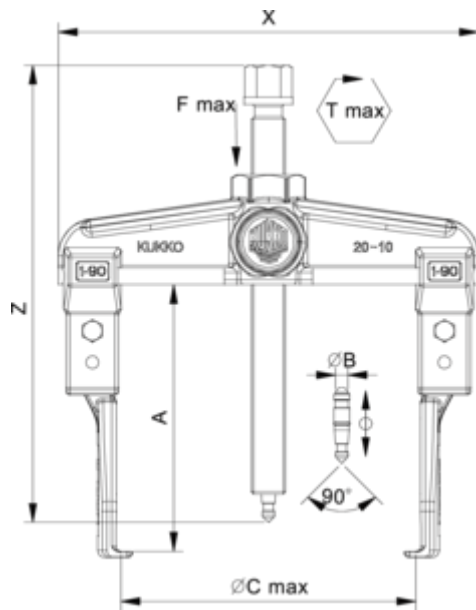
MASTER DATA

GTIN	4021176757396
Country of origin	DE
Material	Tool steel
Series	20-S
Net weight [kg]	1,245 kg
Gross weight [kg]	
Package contents	1 piece
Packaging Act	PAP 21

SPARE PARTS

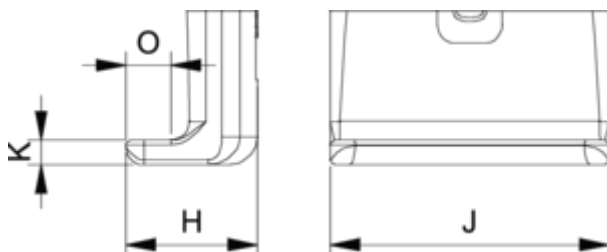
- 1-91-P_narrow trigger hooks
- 614160_Mechanical pressure spindle
- 20-1-T_Traverse for 20-1

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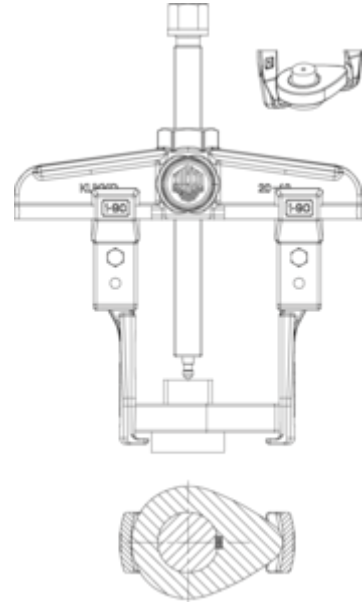


Abbreviation	Attribut	Wert
X	Total width [mm]	136 mm
Y	Total depth [mm]	37 mm
Z	Total height [mm]	182 mm
A	Clamping depth outside pull-off [mm]	100 mm
S1	Width across flats [mm]	17 mm
S2	Width across flats [mm]	27 mm
Cmin	Span outside pull-off (min.) [mm]	11 mm
Cmax	Span outside pull-off (max.) [mm]	90 mm
A1	Clamping depth of external pull-off A1 [mm]	
A2	Clamping depth outside pull-off A2 [mm]	
A3	Clamping depth external pull-off A3 [mm]	
A5	Clamping depth external peel-off A5 [mm]	
A4	Clamping depth outside pull-off A4 [mm]	
K	Hook root thickness at the tip (claw thickness K) [mm]	3 mm
J	Hook base width (claw width J) [mm]	30 mm
O	Hook base depth usable (claw depth usable O) [mm]	9,5 mm
H	Total hook root depth (total claw depth H) [mm]	13 mm
L	Total claw thickness (L+1mm) (claw distance to base) [mm]	2,6 mm
Emin	Span inside pull-out (min.) [mm]	70 mm
Emax	Span inside pull-out (max.) [mm]	140 mm
Tmax	Max. torque [Nm]	35 Nm
Fmax	Max. tractive force [t]	2.5 t
Fmax	Max. tensile force [kN]	25 kN

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