

20-1-S 2-jaw universal puller with narrow jaws, up to 90 mm spread, 100 mm reach



APPLICATION IMAGE



DETAIL IMAGE



DESCRIPTION

The 2-jaw universal puller with narrow jaws is used for safely removing bearings, gears, and discs in all common sizes for crafts, workshops, and industry. It allows for the release of any component that is mounted on a shaft and is freely accessible from the outside. The narrow jaws ensure that even tight and poorly accessible spaces can be reached.

APPLICATION AREA

For the safe extraction of bearings, gears and pulleys

BENEFIT

- Narrow jaws grip optimally in tight and hard-to-reach places.
- The screw connection allows for easy loosening and particularly tight fastening of the jaws with an allen key.
- Application also for eccentric components through freely movable, sliding puller jaws on the crossbar.
- Hexagonal profile on the crossbar for secure counterholding
- Variable adjustment for any span between 11 mm – 90 mm
- Anti-slip safety (spindle neck) suspension of the claw in the sliding piece (Armlock Technology)
- Secure mounting of the spindle through the rotating spindle tip both on smooth surfaces and during centering (Switch Technology)
- Optional convertible from an external puller to an internal puller by reversing the jaws.
- Anti-slip safety (spindle neck) at spindle head for safe work with wrench.
- Spindle outlet to protect the thread

OPERATION

- Position the puller jaws externally on the part to be removed
- Slide the jaws under the component
- Use a wrench to secure the jaws
- Manually pull the spindle for fixation
- Turn the hexagon at the spindle head with a ratchet or a claw wrench until the component is loosened

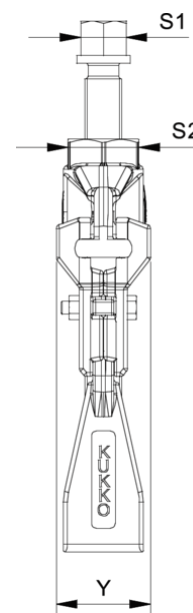
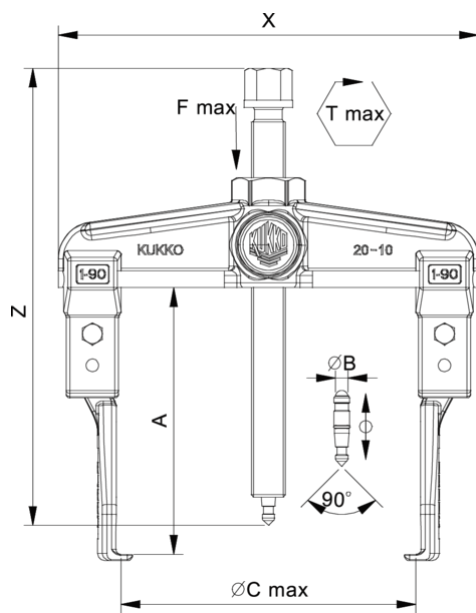
MASTER DATA

GTIN [EAN]	4021176757396
Country of origin	DE
Case material	Tool steel
Series	20-S
Net weight [kg]	1,245 kg
Package contents	1 piece
Packaging Act	PAP 21
Global sales capability given	Yes (REACH, RoHS, POP, PROP65, TSCA)

SPARE PARTS

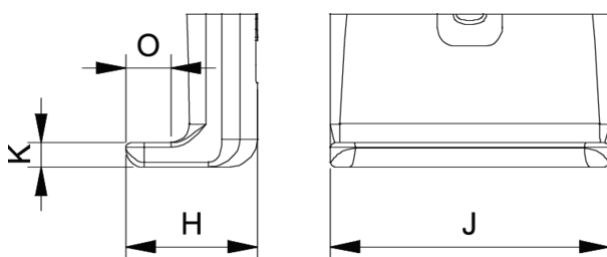
- 1-91-P_schmale jaws
- 20-1-T_Crossbar for 20-1
- 614160_Mechanical pressure spindle

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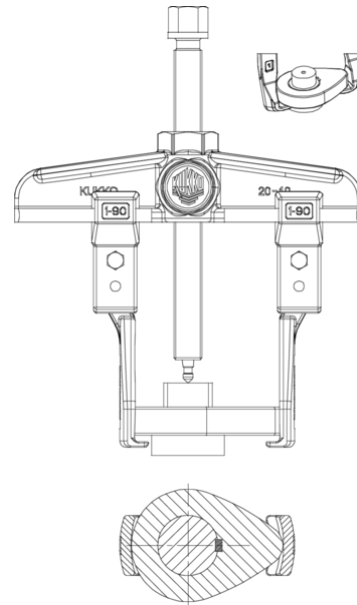
Abbreviation	Attribut	Wert
X	Total width [mm]	136 mm
Y	Total depth [mm]	37 mm
Z	Total height [mm]	182 mm
A	Clamping depth outside pull-off [mm]	100 mm
S1	Width across flats [mm]	17 mm
S2	Width across flats [mm]	27 mm
Cmin	Span outside pull-off (min.) [mm]	11 mm
Cmax	Span outside pull-off (max.) [mm]	90 mm
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 surface) [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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