

# 20-2+S 2-jaw universal puller with narrow, quickly adjustable pulling jaws



## DESCRIPTION

The 2-jaw universal puller with narrow adjustable pulling jaws is used for the safe and user-friendly pulling of bearings, gears and discs in all common sizes for trades, workshops and industry. It can be used to remove any component that sits on a shaft and is freely accessible from the outside. The narrow pulling jaws ensure that even narrow and difficult to access spaces can be reached.

## RANGE OF APPLICATION

For safe and user-friendly extraction of bearings, gears and pulleys

## BENEFIT

- Narrow pulling jaws grip optimally in narrow and poorly accessible spaces
- Easy, manual release of the pulling jaws by means of turning the manually adjustable wheel (Quick Adjust Technology)
- Easy application also with eccentric components due to free-moving pulling jaws sliding off the crossbar
- Hexagon drive on the crossbeam, for safe counter holding
- Quick-adjustable Pulling hooks guarantee immediate adjustment to any span between 16 mm - 160 mm
- Shear-resistant suspension of the claw in the slide piece (Armlock Technology)
- Secure positioning of the Spindle thanks to the rotatable spindle tip, both on smooth surfaces and when centring (Switch Technology)
- Optionally convertible from an external extractor to an internal extractor by reversing the pulling jaws
- Anti-slip guard on the spindle head for safe working with wrench
- Spindle riser protects the threading

## OPERATION

- Place the Pulling jaws on the part to be extracted from the outside
- Slide the claws under the component
- Use the hand knurl to manually fasten the hooks
- Manually pull the Spindle to apply pressure for fixing
- Move the hexagon on the spindle head with a ratchet or combination spanner until the component is released

## MASTER DATA

GTIN [EAN]	4021176756481
Country of origin	DE
Case material	Tool steel
Series	20+S
Gross weight [kg]	3,4 kg
Package contents	1 piece
Packaging Act	PAP 21
Global sales capability given	Yes

## SPARE PARTS

- 2-153-P\_Slim, quickly adjustable pulling jaws (pair)
- 621220\_Mechanical pressure spindle
- 20-2-T\_Traverse for 20-2
- 620260\_Two-sided spindle tip

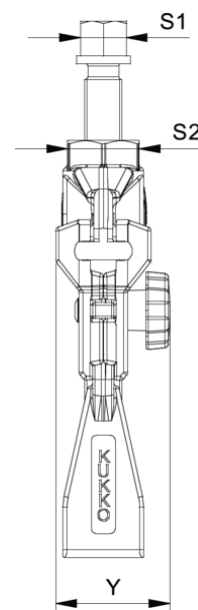
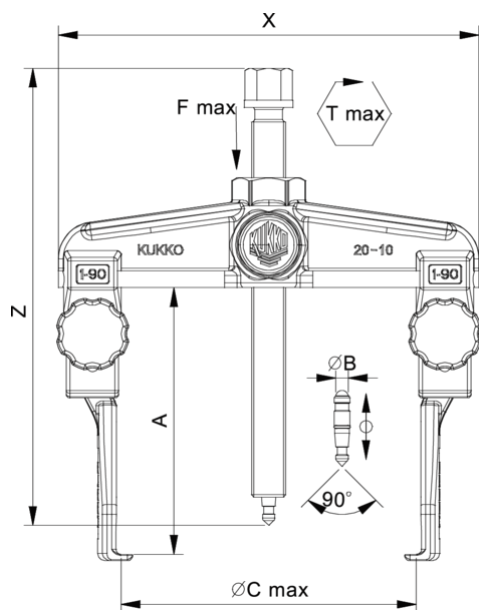
APPLICATION IMAGE



DETAIL IMAGE

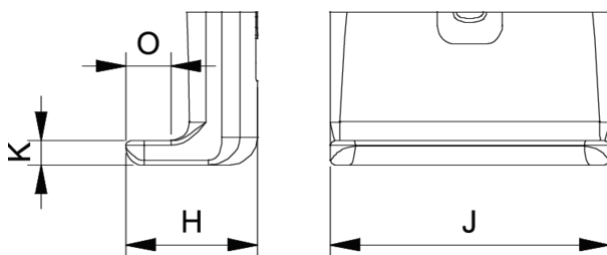


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Abbreviation	Attribut	Wert
X	Total width [mm]	216 mm
Y	Total depth [mm]	50 mm
Z	Total height [mm]	254 mm
A	Clamping depth outside pull-off [mm]	150 mm
S1	Width across flats [mm]	22 mm
S2	Width across flats [mm]	36 mm
Cmin	Span outside pull-off (min.) [mm]	16 mm
Cmax	Span outside pull-off (max.) [mm]	160 mm
K	Hook root thickness at the tip (claw thickness K) [mm]	4 mm
J	Hook base width (claw width J) [mm]	32 mm
O	Hook base depth usable (claw depth usable O) [mm]	12 mm
H	Total hook root depth (total claw depth H) [mm]	20 mm
L	Total claw thickness (L+1mm) (claw distance to base surface) [mm]	4 mm
Emin	Span inside pull-out (min.) [mm]	100 mm
Emax	Span inside pull-out (max.) [mm]	220 mm
Tmax	Max. torque [Nm]	120 Nm
Fmax	Max. tractive force [t]	5 t
Fmax	Max. tensile force [kN]	50 kN

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