20-10-4 2-jaw universal puller, up to 120 mm spread, 400 mm reach with extended jaws



APPLICATION IMAGE



DESCRIPTION

The 2-jaw universal puller with extended jaws is used for pulling deeply seated bearings, gears and washers in all common sizes for craftsmen, workshops and industry. This makes it possible to loosen any component that sits on a shaft and is freely accessible from the outside. Equipped with robust and adjustable standard jaws, the puller all-rounder ensures particularly safe, non-destructive Removing for both external extraction and internal extraction.

APPLICATION AREA

To remove bearings, gears, and discs in all common sizes for craft, workshop, and industry.

BENEFIT

- The screw connection allows easy loosening and particularly tight fastening of the jaws with an allen key
- Application also for eccentric components through freely movable, sliding jaws on the crossbar.
- Hexagonal profile on the crossbar for secure counter-holding
- Variable adjustment to any spread between 0 mm – 120 mm
- Shear-safe suspension of the claw in the sliding piece (ARMLOCK Technology)
- Safe positioning of the spindle through a rotatable spindle tip on both smooth surfaces and during centering (SWITCH Technology)
- Optional convertible from an external puller to an internal extractor by reversing the jaws.
- Anti-slip safety (spindle neck) at the spindle head for safe working with socket wrench.
- Spindle run-out to protect the thread
- Jaws, spindle, and crossbar have a spare part number for easy reordering.
- Pullers are labeled with technical attributes and manufacturer information (label)

OPERATION

- Place the puller jaws from the outside onto the part to be pulled off
- Slide the claws under the component
- Use a wrench to secure the jaws
- Manually pull the spindle for fixation
- Set the hexagon at the spindle head in motion with a ratchet or a box wrench until the component is released

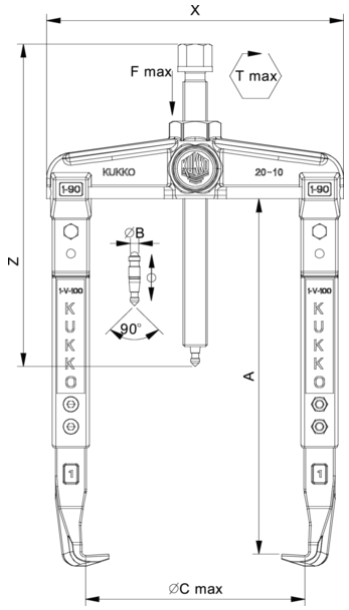
MASTER DATA

GTIN [GTIN]	4021176989650
Country of origin	DE
Material	Tool steel
Series	20-Classic
Gross weight [kg]	3,435 kg
Package contents	1 piece
Packaging Act	PAPPE PAP 21
Worldwide sales capability	Yes (REACH, RoHS, POP, PROP65, TSCA)

SPARE PARTS

- 1-400-P_Standard-jaws
- 1-V-150-P_2 puller extensions (pair)
- 20-10-T crossbar für 20-10
- 614160_Mechanical pressure spindle
- K-2030-A-KIT

2-jaw universal puller, up to 120 mm spread, 400 mm reach with extended jaws





Abbreviation	Attribut	Wert
X	Total width [mm]	172 mm
Z	Total height [mm]	183 mm
A	Clamping depth of external puller [mm]	400 mm
S1	Width across flats [mm]	17 mm
S2	Width across flats [mm]	27 mm
Cmin	Span outside pull-off (min.) [mm]	0 mm
Cmax	Span outside pull-off (max.) [mm]	120 mm
K	Hook root thickness at the tip (claw thickness K) [mm]	3 mm
J	Hook base width (claw width J) [mm]	20,5 mm
O	Hook base depth usable (claw depth usable O) [mm]	15,5 mm
H	Total hook root depth (total claw depth H) [mm]	31 mm
L	Total claw thickness (L+1mm) [mm]: (claw distance to base surface)	10 mm
Emin	Span inside pull-out (min.) [mm]	70 mm
Emax	Span inside pull-out (max.) [mm]	180 mm
Tmax	Max. torque [Nm]	80 Nm
Fmax	Max. tractive force [t]	4.5 t
Fmax	Max. tensile force [kN]	45 kN

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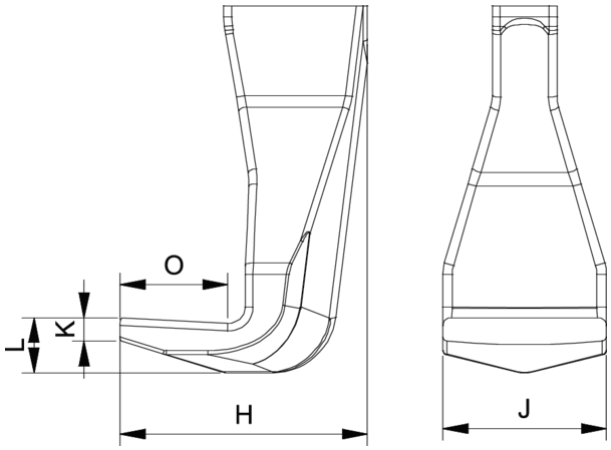

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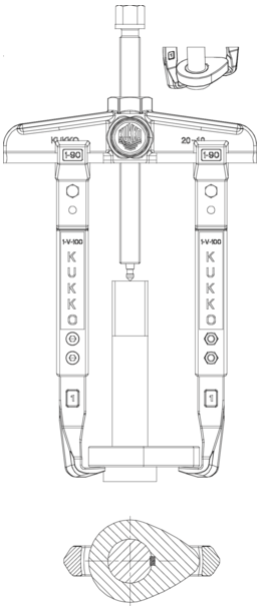

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