

# 20-40 2-jaw universal puller, up to 650 mm clamping range, 300 mm clamping depth



APPLICATION IMAGE



DETAIL IMAGE



## DESCRIPTION

The 2-jaw universal puller is used for pulling bearings, gears, and discs in all common sizes for crafts, workshops, and industry. This allows any component seated on a shaft and accessible from the outside to be removed. Equipped with robust and adjustable standard jaws, the puller all-rounder ensures especially secure, non-destructive disassembly both in external extraction and internal extraction.

## RANGE OF APPLICATION

For pulling off bearings, gear wheels and discs

## BENEFIT

- The screw connection allows easy loosening and particularly tight fastening of the pulling jaws with a hex key
- Application also with eccentric components due to freely movable, cross beam-sliding pulling jaws
- Nothing
- - Variable adjustment to any span width between xx - xxx mm as well as clamping depth xx - xxx mm
- Nothing
- Secure placement of the spindle through a rotating spindle tip on both smooth surfaces and centring (SWITCH Technology)
- Optionally convertible from an external puller to an internal extractor by reversing the pulling jaws
- Anti-slip device on the spindle head for safe working with a spanner
- Spindle outlet for thread protection

## OPERATION

- Position the pulling jaw from the outside on the part to be pulled off
- Slide the pulling jaw under the component
- Use a wrench to secure the hooks
- Manually apply pressure to the spindle to fix it in place
- Move the hexagon drive (male) on the spindle head with a ratchet or ring wrench until the component is released

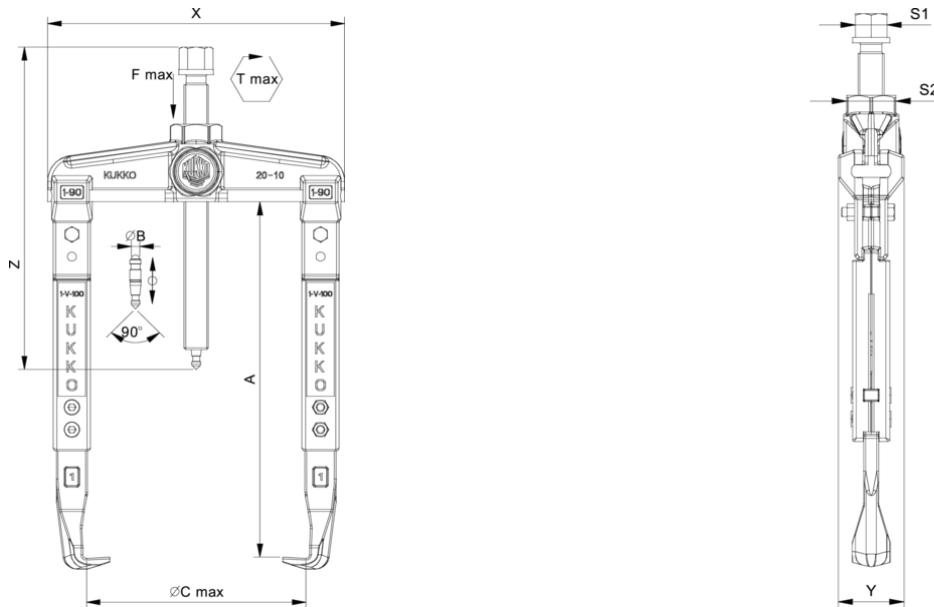
## MASTER DATA

GTIN [EAN]	4021176411861
Country of origin	DE
Case material	Tool steel
Series	20-Classic
Net weight [kg]	16,36 kg
Package contents	1 piece
Packaging Act	PAP 21
Global sales capability given	Yes (REACH, RoHS, POP, PROP65, TSCA)

## SPARE PARTS

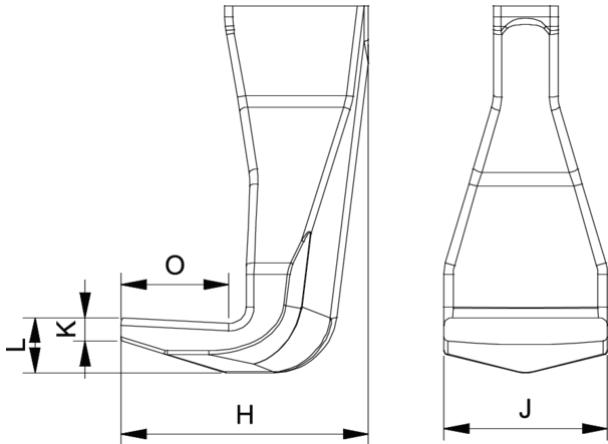
- 20-40-T\_Cross beam for 20-40
- 3-200-P\_Standard pulling jaw
- 3-300-P\_Standard Pulling Jaws
- 633370\_Two-sided spindle tip
- 633400\_Mechanical spindle

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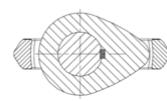
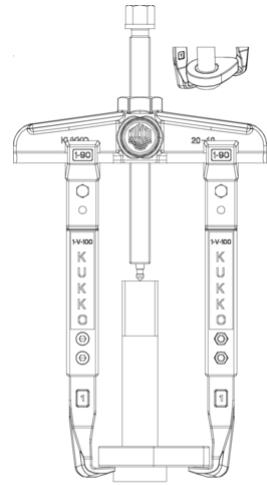


Attribut	Wert
X	Total width [mm]
Y	Total depth [mm]
Z	Total height [mm]
A	Clamping depth outside pull-off [mm]
S1	Width across flats [mm]
Cmin	Span outside pull-off (min.) [mm]
Cmax	Span outside pull-off (max.) [mm]
K	Hook root thickness at the tip (claw thickness K) [mm]
J	Hook base width (claw width J) [mm]
O	Hook base depth usable (claw depth usable O) [mm]
H	Total hook root depth (total claw depth H) [mm]
L	Total claw thickness (L+1mm) (claw distance to base surface) [mm]
Emin	Span inside pull-out (min.) [mm]
Emax	Span inside pull-out (max.) [mm]
Tmax	Max. torque [Nm]
Fmax	Max. tractive force [t]
Fmax	Max. tensile force [kN]

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Abbreveiation	Attribut	Wert
X	Total width [mm]	740 mm
Y	Total depth [mm]	85 mm
Z	Total height [mm]	451 mm
A	Clamping depth outside pull-off [mm]	300 mm
S1	Width across flats [mm]	36 mm
Cmin	Span outside pull-off (min.) [mm]	15 mm
Cmax	Span outside pull-off (max.) [mm]	650 mm
K	Hook root thickness at the tip (claw thickness K) [mm]	4 mm
J	Hook base width (claw width J) [mm]	35 mm
O	Hook base depth usable (claw depth usable O) [mm]	32,5 mm
H	Total hook root depth (total claw depth H) [mm]	67 mm
L	Total claw thickness (L+1mm) (claw distance to base surface) [mm]	20 mm
Emin	Span inside pull-out (min.) [mm]	200 mm
Emax	Span inside pull-out (max.) [mm]	710 mm
Tmax	Max. torque [Nm]	400 Nm
Fmax	Max. tractive force [t]	12 t
Fmax	Max. tensile force [kN]	120 kN



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