20-4-4-B 2-jaw universal puller with adjustable jaws, hydraulic spindle, up to 520 mm spread, 400 mm reach



DESCRIPTION

The 2-jaw universal puller with adjustable jaws and hydraulic spindle is used for the particularly safe removal of extremely tight bearings, gears, and discs in all common sizes for trades, workshops, and industry. The hydraulic spindle achieves an average pulling force of up to 15 t. This allows you to loosen any component that is seated on a shaft and is freely accessible from the outside. For pulling operations with a pulling force of up to 10 t and/or in confined spaces, the mechanical spindle can be used.

APPLICATION AREA

For particularly safe removal of extremely tight bearings, gears, and discs in all common sizes for crafts, workshops, and industry.

BENEFIT

- Screwed connection enables easy loosening and particularly tight fastening of the jaws with an allen key
- The hydraulic spindle guarantees easy and controlled removal of particularly tight-fitting parts with minimal effort.
- In limited spatial conditions that require direct access to the component, the mechanical spindle can be used.
- The mechanical spindle has a rotating spindle tip for secure placement on smooth surfaces and during centering.
- Application also for eccentric components through freely movable, sliding puller jaws on the crossbar.
- Hexagonal profile on the crossbar for secure counterholding
- Variable adjustment to any spread between 15 mm – 520 mm
- Anti-shear suspension of the claw in the sliding piece (Armlock Technology)
- Optional convertible from an external puller to an internal extractor by reversing the jaws.
- Anti-slip safety at the spindle neck for safe working with a wrench.
- Spindle outlet for thread protection
- Pullers are labeled with technical attributes and manufacturer information (label)

OPERATION

- Position the puller jaws from the outside onto the part to be removed
- Slide the claws under the component
- Use a wrench to secure the jaws
- Engage the hexagon on the spindle head with a ratchet or a box wrench
- Reposition the hydraulic spindle until the component is loosened

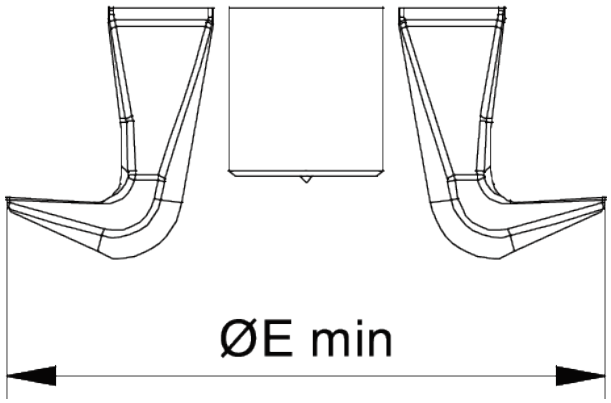
MASTER DATA

GTIN [GTIN]	4021176885969
Country of origin	DE
Material	Tool steel
Series	20-Classic-B
Gross weight [kg]	18,9 kg
Package contents	1 piece
Packaging Act	PAPPE PAP 21
Worldwide sales capability	Yes (REACH, RoHS, POP, PROP65, TSCA)

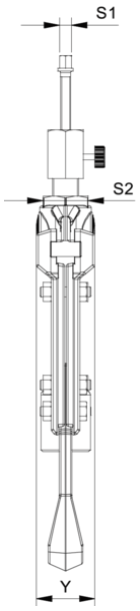
SPARE PARTS

- 20-4-T_crossbar for 20-4
- 3-400-P_standard jaws
- 633370_Double-sided spindle tip
- 633400_Mechanical pressure spindle
- 8-1-B_Long hydraulic spindle

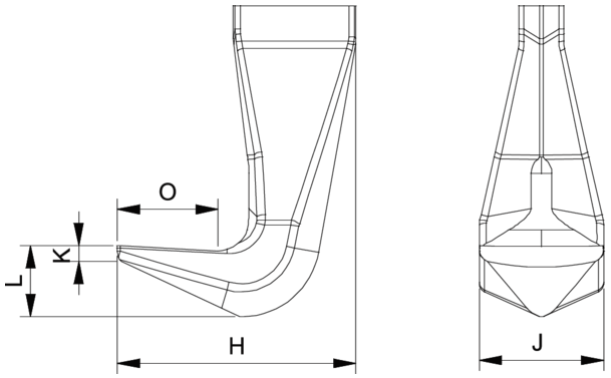
2-jaw universal puller with adjustable jaws, hydraulic spindle, up to 520 mm spread, 400 mm reach



Abbreviation	Attribut	Wert
X	Total width [mm]	600 mm
Z	Total height [mm]	451 mm
A	Clamping depth of external puller [mm]	400 mm
S1	Width across flats [mm]	36 mm
Cmin	Span outside pull-off (min.) [mm]	15 mm
Cmax	Span outside pull-off (max.) [mm]	520 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) [mm]: (claw distance to base surface)	20 mm
Emin	Span inside pull-out (min.) [mm]	200 mm
Emax	Span inside pull-out (max.) [mm]	590 mm
Tmax	Max. torque [Nm]	45 Nm
Fmax	Max. tractive force [t]	15 t
Fmax	Max. tensile force [kN]	150 kN

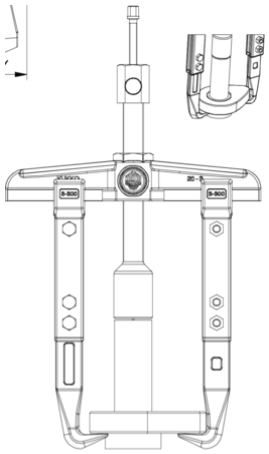


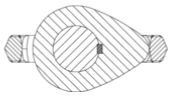
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