

42-5-B 3-jaw universal puller with swiveling jaws, hydraulic spindle, up to 180 mm spread, 200 mm reach



APPLICATION IMAGE



DESCRIPTION

The 3-jaw universal puller with swiveling jaws and hydraulic spindle is used for pulling bearings, gears, and discs in all common sizes for crafts, workshops, and industry. The hydraulic spindle achieves an average pulling force of up to 10 tons. This allows any component that is mounted on a shaft and accessible from the outside to be loosened. The swiveling jaws also provide maximum freedom of movement for individual adjustment to the respective spread and depth, even in restricted surroundings. The 3-jaw design guarantees a uniform load distribution and therefore a particularly secure grip on the part to be removed. For pulling operations in confined spaces, the mechanical spindle can be used.

APPLICATION AREA

For pulling off bearings, gears and pulleys

BENEFIT

- Swiveling puller jaws allow for work in tight spaces while simultaneously providing individual adjustment for spread and reach.
- 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 features a rotatable spindle tip for secure placement on smooth surfaces and during centering.
- 3-jaw ensures an even force distribution and allows for greater pulling forces
- Anti-slip safety (spindle neck) at the spindle head for safe working with a wrench.
- Spindle outlet for thread protection

OPERATION

- Swivel the puller jaws from the outside onto the part to be removed
- Slide the claws under the component
- Operate the hexagon on the spindle head with a ratchet or a ring spanner
- Adjust the hydraulic spindle until the component is released

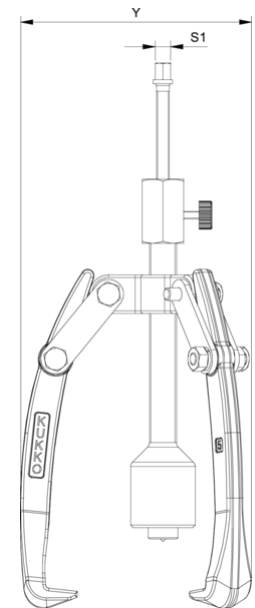
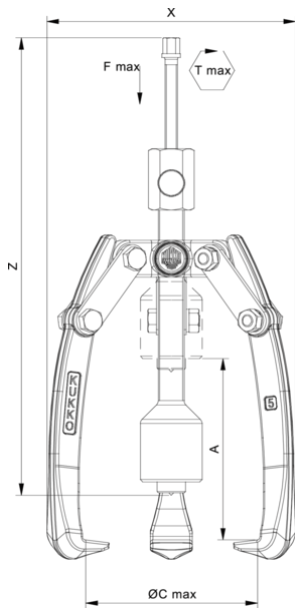
MASTER DATA

GTIN [EAN]	4021176887352
Country of origin	DE
Case material	Tool steel
Series	42-B
Net weight [kg]	5,695 kg
Package contents	1 piece
Packaging Act	PP 05
Global sales capability given	Yes (REACH, RoHS, POP, PROP65, TSCA)

SPARE PARTS

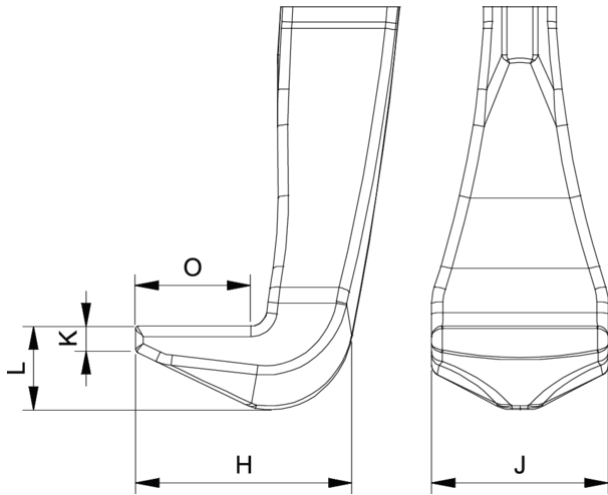
- 202-2-T_Crossbar
- 42-5-200-S_3 puller set
- 621300_Mechanical pressure spindle
- 8-0-621_hydraulic spindle
- Hydraulic spindle

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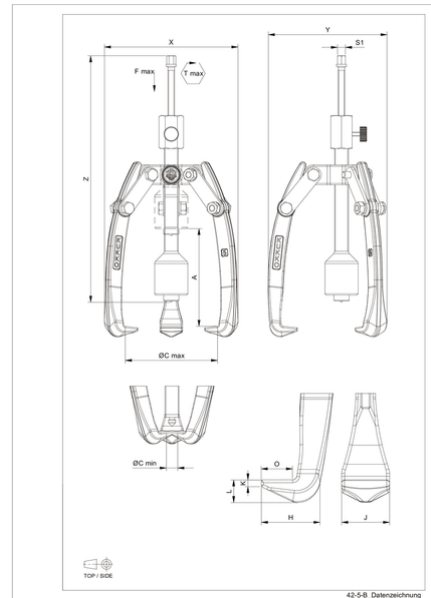


Abbreviation	Attribut	Wert
X	Total width [mm]	204 mm
Y	Total depth [mm]	204 mm
Z	Total height [mm]	420 mm
A	Clamping depth outside pull-off [mm]	200 mm
S1	Width across flats [mm]	12 mm
Cmin	Span outside pull-off (min.) [mm]	0 mm
Cmax	Span outside pull-off (max.) [mm]	180 mm
K	Hook root thickness at the tip (claw thickness K) [mm]	5 mm
J	Hook base width (claw width J) [mm]	34 mm
O	Hook base depth usable (claw depth usable O) [mm]	23 mm
H	Total hook root depth (total claw depth H) [mm]	35 mm
L	Total claw thickness (L+1mm) (claw distance to base surface) [mm]	15 mm
Tmax	Max. torque [Nm]	15 Nm
Fmax	Max. tractive force [t]	10 t
Fmax	Max. tensile force [kN]	100 kN

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