

42-4 3-arm universal puller with swivelling puller legs



DESCRIPTION

The 3-arm universal puller with swivelling puller legs is used to remove bearings, gears and discs in all standard 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 swivelling puller arms ensure maximum freedom of movement for individual adjustment to the respective clamping width and depth, even in confined spaces. The 3-arm design guarantees even load distribution and therefore a particularly secure grip on the part to be pulled. There are different versions of the puller within the 42 series. Up to model 41-2, the puller is equipped with a T-handle and a flat Thrust piece for working in confined spaces. From model 42-3 onwards, the puller has a hexagonal drive and a dual spindle tip. This enables the greatest pulling forces to be achieved (3 to 7 tonnes).

RANGE OF APPLICATION

For pulling off bearings, gear wheels and discs

BENEFIT

- Oscillating pulling arms enable work in the tightest of spaces with simultaneous individual adjustment to the clamping width and depth
- 3-jaw design ensures even force distribution and enables greater pulling power
- Anti-slip guard on the spindle head for safe working with wrench
- Spindle riser protects the threading
- Secure positioning of the spindle thanks to the rotatable spindle tip both on smooth surfaces and when centring (Switch Technology) (applies from size 42-3)
- Integrated, free-moving T-handle guarantees manual spindle drive in the tightest of spaces (applies up to size 41-2)

OPERATION

- Swivel the puller leg from the outside to the part to be removed
- Push the claws under the component
- Manually pressurise the spindle for fixing
- Manually actuate the T-handle or use a ratchet or combination spanner to move the hexagon on the spindle head until the component is released

MASTER DATA

GTIN	4021176836428
Country of origin	DE
Material	Tool steel
Series	42
Net weight [kg]	2,08 kg
Package contents	1 piece
Packaging Act	PAP 21

SPARE PARTS

- 202-1-T_Traverse
- 42-4-160-S_3 Puller hook (set)
- 614200_Mechanical pressure spindle

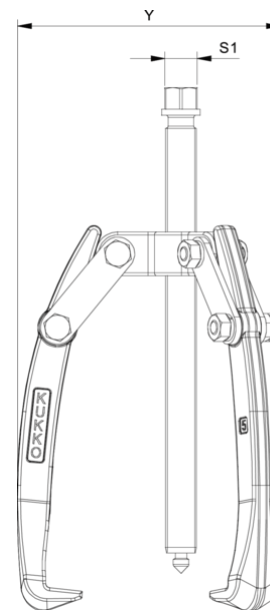
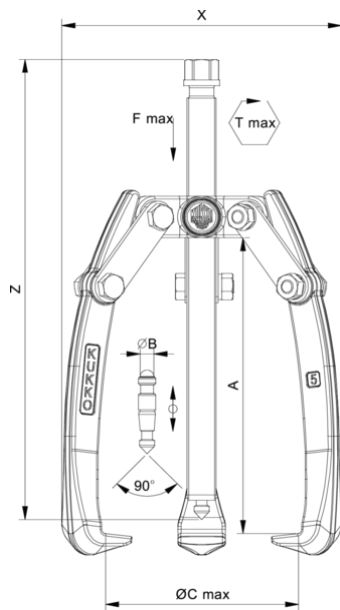
APPLICATION IMAGE



DETAIL IMAGE

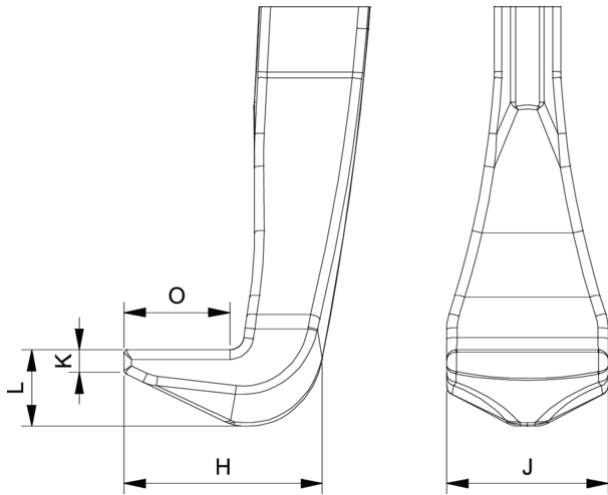


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Abbreviation	Attribut	Wert
X	Total width [mm]	164 mm
Y	Total depth [mm]	164 mm
Z	Total height [mm]	220 mm
A	Clamping depth outside pull-off [mm]	160 mm
S1	Width across flats [mm]	17 mm
Cmin	Span outside pull-off (min.) [mm]	0 mm
Cmax	Span outside pull-off (max.) [mm]	130 mm
K	Hook root thickness at the tip (claw thickness K) [mm]	4 mm
J	Hook base width (claw width J) [mm]	24 mm
O	Hook base depth usable (claw depth usable O) [mm]	18 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]	9 mm
Tmax	Max. torque [Nm]	85 Nm
Fmax	Max. tractive force [t]	5 t
Fmax	Max. tensile force [kN]	50 kN

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