

# 45-5 3-jaw industrial puller with force-amplifying, self-centering puller legs, up to 300 mm clamping range, 250 mm clamping depth



## DESCRIPTION

The handy, 3-jaw industrial puller with force-amplifying and self-centering puller legs is used for pulling bearings, gears, and discs in all common sizes for trade, workshop, and industry. This allows any component that sits on a shaft and is freely accessible from the outside to be loosened. When the spindle pressure is applied, the part to be pulled off is increasingly clamped by the interconnected puller legs. The 3-jaw design guarantees an even load distribution and thus a particularly secure grip on the part to be pulled off.

## RANGE OF APPLICATION

For pulling off bearings, gear wheels and discs

## BENEFIT

- Self-centering of the puller legs through manual tightening of the spindle (Autogrip Technology)
- Safe positioning of the spindle thanks to a rotatable spindle tip on both smooth surfaces and for centring (Switch Technology)
- 3-jaw ensures an even distribution of force and allows for greater pulling forces
- Anti-slip device on the spindle head for safe working with a wrench
- Spindle outlet to protect the thread

## OPERATION

- Place the puller leg on the part to be pulled from the outside
- Swing the claws under the component
- Manually pull the spindle to the fixing pressure
- Move the hex on the spindle head with a ratchet or ring spanner until the component is released

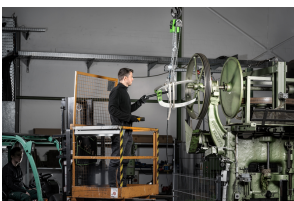
## MASTER DATA

GTIN [EAN]	4021176815393
Country of origin	DE
Case material	Tool steel
Series	45
Net weight [kg]	6,51 kg
Package contents	1 piece
Packaging Act	PAP 21
Global sales capability given	Yes (REACH, RoHS, POP, PROP65, TSCA)

## SPARE PARTS

- 44-5-206\_Press spindle
- 45-4-T\_Cross beam
- 45-5-250-S\_3 Hook (Set)

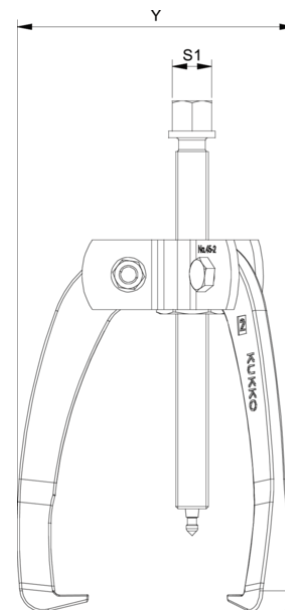
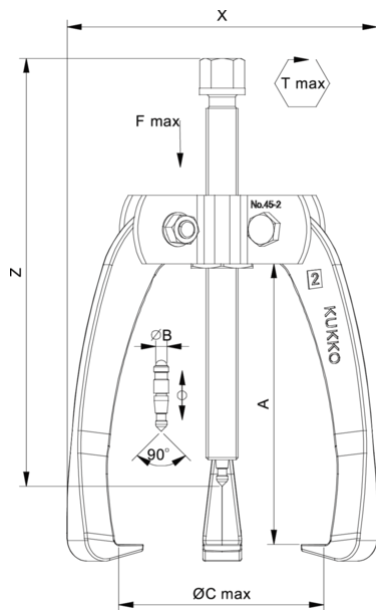
## APPLICATION IMAGE



## DETAIL IMAGE

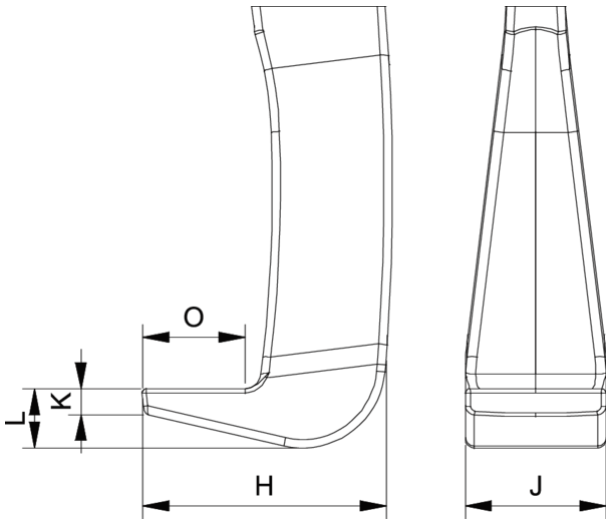


# 3-jaw industrial puller with force-amplifying, self-centering puller legs, up to 300 mm clamping range, 250 mm clamping depth



Abbreviation	Attribut	Wert
X	Total width [mm]	275 mm
Y	Total depth [mm]	275 mm
Z	Total height [mm]	380 mm
A	Clamping depth outside pull-off [mm]	250 mm
S1	Width across flats [mm]	27 mm
Cmin	Span outside pull-off (min.) [mm]	45 mm
Cmax	Span outside pull-off (max.) [mm]	300 mm
K	Hook root thickness at the tip (claw thickness K) [mm]	4 mm
J	Hook base width (claw width J) [mm]	28 mm
O	Hook base depth usable (claw depth usable O) [mm]	21 mm
H	Total hook root depth (total claw depth H) [mm]	45 mm
L	Total claw thickness (L+1mm) (claw distance to base surface) [mm]	18 mm
Tmax	Max. torque [Nm]	200 Nm
Fmax	Max. tractive force [t]	9.5 t
Fmax	Max. tensile force [kN]	95 kN

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