47-1-A 3-jaw universal puller with swiveling jaws, combo crossbar, up to 300 mm spread, 300 mm reach



DESCRIPTION

The heavy 3-jaw universal puller with pivoting puller jaws and combination crossbar is used to pull large bearings, gears, and discs in all common sizes for craft, workshop, and industry. It can release any component that sits on a shaft and is freely accessible from the outside. The pivoting puller jaws provide maximum freedom of movement for individual adaptation to the respective spread and depth, even in restricted environmental conditions. The 3-jaw design guarantees an even load distribution, ensuring particularly secure grip on the part being pulled. Thanks to the combination crossbar, the puller can also be used as a 2-jaw model.

APPLICATION AREA

For the removal of large bearings, gears, and discs in all common sizes for crafts, workshops, and industry.

BENEFIT

- Swiveling jaws allow for operation in the tightest spaces while simultaneously providing individual adjustment to the spread and depth.
- The crossbar can be used as both a 2-jaw and a 3-jaw.
- 3-jaw ensures an even force distribution and allows for greater pulling forces.
- Anti-slip safety (spindle neck) for safe working with wrench
- Spindle outlet for protecting the thread

OPERATION

- Swing the jaws from the outside to the part to be extracted
- Slide the jaws under the component
- Pull the spindle manually to fix it by applying pressure
- Move the hexagon drive (male) on the spindle head with a ratchet or a ring wrench until the part is released

MASTER DATA

GTIN [GTIN]	4021176017681
Country of origin	DE
Material	Tool steel
Series	47
Gross weight [kg]	12,205 kg
Package contents	1 piece
Packaging Act	PAPPE PAP 21
Worldwide sales capability	Yes (REACH, RoHS, POP, PROP65, TSCA)

SPARE PARTS

- 46-300_Puller jaws for series 46/47
- 46-47-T_Crossbar for puller 46/47
- 633370_Double-sided spindle tip
- 633400_Mechanical pressure spindle

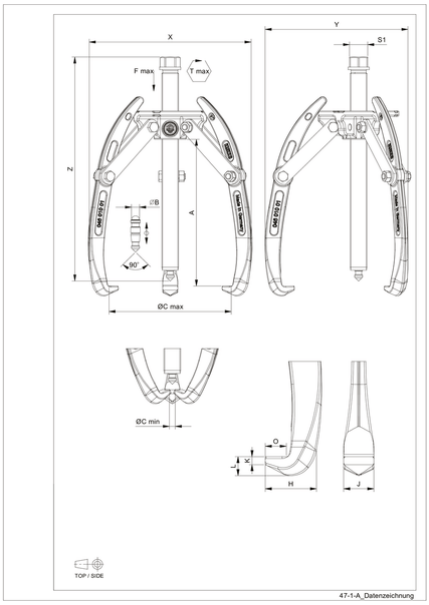
APPLICATION IMAGE



DETAIL IMAGE



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Abbreviation	Attribut	Wert
X	Total width [mm]	350 mm
Y	Total depth [mm]	350 mm
Z	Total height [mm]	435 mm
A	Clamping depth of external puller [mm]	300 mm
S1	Width across flats [mm]	36 mm
Cmin	Span outside pull-off (min.) [mm]	0 mm
Cmax	Span outside pull-off (max.) [mm]	300 mm
K	Hook root thickness at the tip (claw thickness K) [mm]	6 mm
J	Hook base width (claw width J) [mm]	30 mm
O	Hook base depth usable (claw depth usable O) [mm]	25 mm
H	Total hook root depth (total claw depth H) [mm]	50 mm
L	Total claw thickness (L+1mm) [mm]: (claw distance to base surface)	22 mm
Tmax	Max. torque [Nm]	450 Nm
Fmax	Max. tractive force [t]	12 t
Fmax	Max. tensile force [kN]	120 kN