12-1 3-jaw Puller “Alligator” with fixed jaws, anti-slip safety, up to 100 mm spread, 100 mm reach



DESCRIPTION

The 3-jaw puller “Alligator” with fixed jaws and anti-slip safety is used for pulling particularly stubborn bearings, gears, and discs in all common sizes for craft, workshop, and industry. This allows for loosening any component that is seated on a shaft and is freely accessible from the outside. By tightening the key, the puller jaws are forced to be centered and tightened securely. This prevents slipping or movement of the jaws.

APPLICATION AREA

For removing particularly stubborn bearings, gears, and discs in all common sizes for crafts, workshops, and industry.

BENEFIT

- The Alligator puller guarantees that the jaws can only be opened and closed by operating the tensioning key.
- The key ensures a force-strong fixing of the puller without dropping off or deviating of the jaws.
- Self-centering of the jaws by tightening the key
- Secure attachment of the spindle through a rotatable spindle tip on both smooth surfaces and during centering (Switch Technology)
- In models starting from size 12-4, there is a hook support on both the inside and outside, allowing the puller to be used for both external extraction and internal extraction (the use as a mobile press is also possible).
- Anti-slip safety (spindle neck) for safe working with wrench
- Spindle extension for the protection of the thread

OPERATION

- Center spindle on the axle
- Tighten the key until the jaws securely grip the part to be removed
- Manually pull the spindle to lock it
- Set the hexagon on the spindle head in motion with a ratchet or a ring spanner until the component is loosened

MASTER DATA

GTIN [GTIN]	4021176006616
Country of origin	DE
Material	Tool steel
Series	12
Gross weight [kg]	1,24 kg
Package contents	1 piece
Packaging Act	Rezykkat rHDPE 61
Worldwide sales capability	Yes (REACH, RoHS, POP, PROP65, TSCA)

SPARE PARTS

- 12-1-100-S_3 puller (set)
- 12-1-206_Crossbar's inner bushings with spindle
- 12-1-8_Key
- 12-1-T_crossbar
- 612140_Double-sided spindle tip
- 614135_Mechanical Drive Spindle

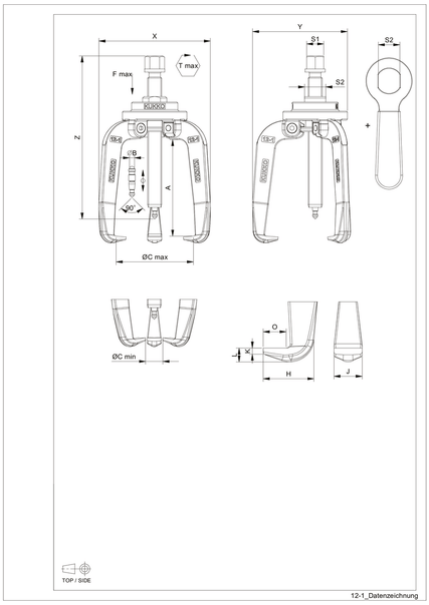
APPLICATION IMAGE



DETAIL IMAGE



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Abbreviation	Attribut	Wert
X	Total width [mm]	124 mm
Y	Total depth [mm]	124 mm
Z	Total height [mm]	155 mm
A	Clamping depth of external puller [mm]	100 mm
S1	Width across flats [mm]	17 mm
Cmin	Span outside pull-off (min.) [mm]	0 mm
Cmax	Span outside pull-off (max.) [mm]	100 mm
K	Hook root thickness at the tip (claw thickness K) [mm]	3 mm
J	Hook base width (claw width J) [mm]	14 mm
O	Hook base depth usable (claw depth usable O) [mm]	13 mm
H	Total hook root depth (total claw depth H) [mm]	25 mm
L	Total claw thickness (L+1mm) [mm]: (claw distance to base surface)	17 mm
Tmax	Max. torque [Nm]	180 Nm
Fmax	Max. tractive force [t]	8 t
Fmax	Max. tensile force [kN]	80 kN