

# 12-1 3-armed "Alligator" puller with fixed puller legs and anti-slip protection



## APPLICATION IMAGE



## DESCRIPTION

The 3-armed "Alligator" puller with fixed puller legs and anti-slip protection is used to remove particularly tight bearings, gears and discs in all standard sizes for trades, workshops and industry. It can be used to loosen any component that sits on a shaft and is freely accessible from the outside. Tightening the spanner ensures that the puller legs are centred and firmly tightened. This prevents the legs from slipping or moving.

## RANGE OF APPLICATION

For pulling off particularly tight bearings, gearwheels and pulleys

## BENEFIT

- The alligator transmission guarantees that the puller legs can only be opened and closed by operating the adjusting spanner
- The spanner ensures that the puller is held securely in place without the legs jumping off or moving out of position
- Self-centring of the legs by tightening the spanner
- Secure positioning of the spindle thanks to the rotatable spindle tip, both on smooth surfaces and when centring (Switch Technology)
- For models from size 12-4 upwards, there is one hook support on the inside and one on the outside, so that the puller can be used for both external removal and internal extraction (it can also be used as a mobile press)
- Anti-slip guard on the spindle head for safe working with wrench
- Spindle riser protects the threading

## OPERATION

- Centre the spindle on the shaft
- Tighten the spanner until the legs clamp the part to be removed with a force fit
- Manually pressurise the spindle to fix it in place
- Use a ratchet or combination spanner to move the hexagon on the spindle head until the component is released

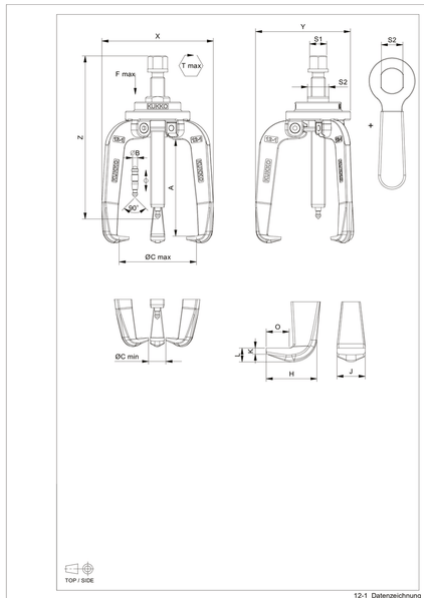
## MASTER DATA

GTIN [EAN]	4021176006616
Country of origin	DE
Material	Tool steel
Series	12
Net weight [kg]	1,24 kg
Package contents	1 piece
Packaging Act	PAP 21

## SPARE PARTS

- 12-1-T\_Traverse
- 12-1-100-S\_3 Pulling hooks (set)
- 12-1-206\_Druckspindel
- 614135\_Mechanical pressure spindle
- 12-1-8\_Key
- 612140\_Two-sided spindle tip

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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