

# 30-5 3-jaw universal puller, up to 650 mm clamping range, 450 mm clamping depth



## DESCRIPTION

The 3-jaw universal puller is used for pulling bearings, gears, and discs in all common sizes for handicraft, workshop, and industry. This allows any component that sits on a shaft and is freely accessible from the outside to be loosened. Equipped with robust and adjustable standard jaws, the puller all-rounder ensures particularly safe, non-destructive dismantling for both external extraction and internal extraction. The 3-jaw design guarantees an even load distribution and thus a particularly secure hold on the part to be pulled.

## RANGE OF APPLICATION

For pulling off bearings, gear wheels and discs

## BENEFIT

- Screw connection enables easy loosening and particularly tight fastening of the pulling jaw with an allen key
- 3-jaw ensures an even distribution of force and allows for greater pulling forces
- Application also for eccentric components through freely movable pulling jaws sliding on the cross beam
- Hexagonal profile on the cross beam for secure counterholding
- Variable adjustment to any clamping range between 87 mm – 650 mm
- Shear-proof suspension of the claw in the sliding piece (Jaw lock Technology)
- Secure placement of the spindle through the rotatable spindle tip on both smooth surfaces and when centering (Switch Technology)
- Optionally convertible from an external puller to an internal extractor by reversing the pulling jaws
- Anti-slip device on the spindle head for safe working with a wrench
- Spindle runout to protect the thread

## OPERATION

- Place the pulling jaw on the part to be pulled from the outside
- Slide the jaws under the component
- Use a wrench to secure the jaws
- Manually pull the spindle under pressure to fix it
- Move the hexagon drive on the spindle head with a ratchet or an open-ended wrench until the component is released

## MASTER DATA

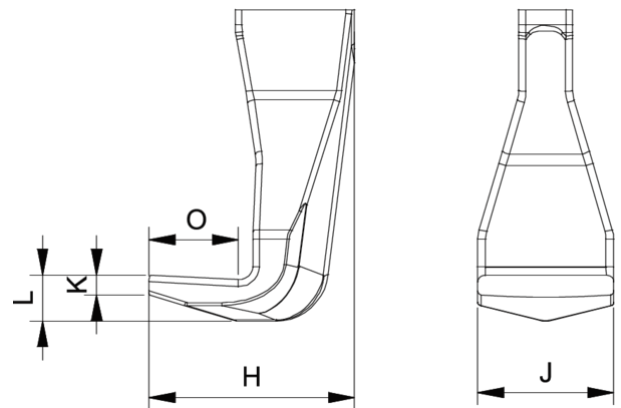
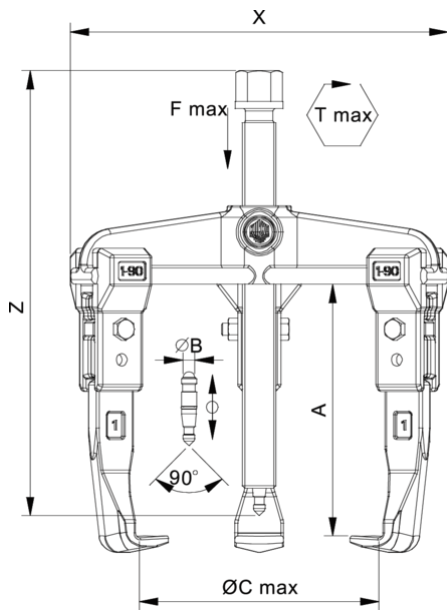
GTIN [EAN]	4021176303326
Country of origin	DE
Case material	Tool steel
Series	30-Classic
Net weight [kg]	31,71 kg
Package contents	1 piece
Packaging Act	PAP 21
Global sales capability given	Yes (REACH, RoHS, POP, PROP65, TSCA)

## SPARE PARTS

- 11-650\_3-jaw cross beam

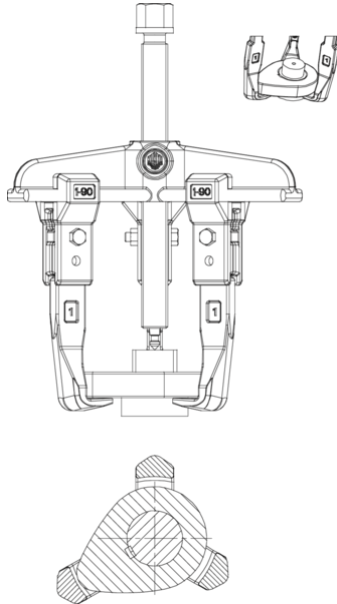
- 4-SP-S\_3 height-adjustable pulling jaws
- 633370\_Two-sided spindle tip
- 637350\_Mechanical spindle

# 3-jaw universal puller, up to 650 mm clamping range, 450 mm clamping depth

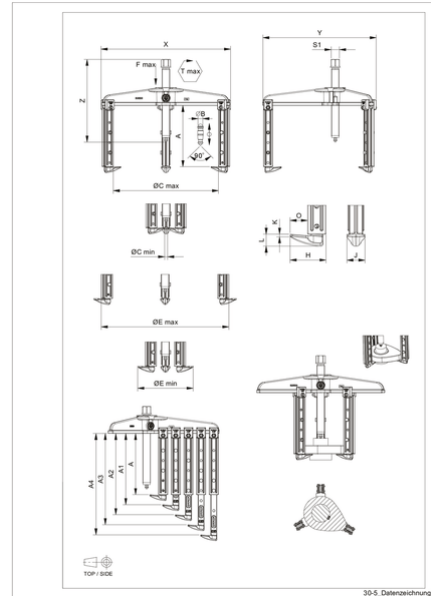


Abbreviation	Attribut	Wert
X	Total width [mm]	720 mm
Y	Total depth [mm]	720 mm
Z	Total height [mm]	405 mm
A	Clamping depth outside pull-off [mm]	300 mm
S1	Width across flats [mm]	41 mm
Cmin	Span outside pull-off (min.) [mm]	87 mm
Cmax	Span outside pull-off (max.) [mm]	650 mm
A1	Clamping depth of external pull-off A1 [mm]	350 mm
A2	Clamping depth outside pull-off A2 [mm]	400 mm
A3	Clamping depth external pull-off A3 [mm]	450 mm
K	Hook root thickness at the tip (claw thickness K) [mm]	9,5 mm
J	Hook base width (claw width J) [mm]	45 mm
O	Hook base depth usable (claw depth usable O) [mm]	66,5 mm
H	Total hook root depth (total claw depth H) [mm]	82 mm
L	Total claw thickness (L+1mm) (claw distance to base surface) [mm]	25 mm
Emin	Span inside pull-out (min.) [mm]	290 mm
Emax	Span inside pull-out (max.) [mm]	740 mm
Tmax	Max. torque [Nm]	650 Nm
Fmax	Max. tractive force [t]	20 t
Fmax	Max. tensile force [kN]	200 kN

Abbreviation	Attribut	Wert
X	Total width [mm]	720 mm
Y	Total depth [mm]	720 mm
Z	Total height [mm]	405 mm
A	Clamping depth outside pull-off [mm]	300 mm
S1	Width across flats [mm]	41 mm
Cmin	Span outside pull-off (min.) [mm]	87 mm
Cmax	Span outside pull-off (max.) [mm]	650 mm
A1	Clamping depth of external pull-off A1 [mm]	350 mm
A2	Clamping depth outside pull-off A2 [mm]	400 mm
A3	Clamping depth external pull-off A3 [mm]	450 mm
K	Hook root thickness at the tip (claw thickness K) [mm]	9,5 mm
J	Hook base width (claw width J) [mm]	45 mm
O	Hook base depth usable (claw depth usable O) [mm]	66,5 mm
H	Total hook root depth (total claw depth H) [mm]	82 mm
L	Total claw thickness (L+1mm) (claw distance to base surface) [mm]	25 mm
Emin	Span inside pull-out (min.) [mm]	290 mm
Emax	Span inside pull-out (max.) [mm]	740 mm
Tmax	Max. torque [Nm]	650 Nm
Fmax	Max. tractive force [t]	20 t
Fmax	Max. tensile force [kN]	200 kN



Abbreviation	Attribut	Wert
X	Total width [mm]	720 mm
Y	Total depth [mm]	720 mm
Z	Total height [mm]	405 mm
A	Clamping depth outside pull-off [mm]	300 mm
S1	Width across flats [mm]	41 mm
Cmin	Span outside pull-off (min.) [mm]	87 mm
Cmax	Span outside pull-off (max.) [mm]	650 mm
A1	Clamping depth of external pull-off A1 [mm]	350 mm
A2	Clamping depth outside pull-off A2 [mm]	400 mm
A3	Clamping depth external pull-off A3 [mm]	450 mm
K	Hook root thickness at the tip (claw thickness K) [mm]	9,5 mm
J	Hook base width (claw width J) [mm]	45 mm
O	Hook base depth usable (claw depth usable O) [mm]	66,5 mm
H	Total hook root depth (total claw depth H) [mm]	82 mm
L	Total claw thickness (L+1mm) (claw distance to base surface) [mm]	25 mm
Emin	Span inside pull-out (min.) [mm]	290 mm
Emax	Span inside pull-out (max.) [mm]	740 mm
Tmax	Max. torque [Nm]	650 Nm
Fmax	Max. tractive force [t]	20 t
Fmax	Max. tensile force [kN]	200 kN



Abbreviation	Attribut	Wert
X	Total width [mm]	720 mm
Y	Total depth [mm]	720 mm
Z	Total height [mm]	405 mm
A	Clamping depth outside pull-off [mm]	300 mm
S1	Width across flats [mm]	41 mm
Cmin	Span outside pull-off (min.) [mm]	87 mm
Cmax	Span outside pull-off (max.) [mm]	650 mm
A1	Clamping depth of external pull-off A1 [mm]	350 mm
A2	Clamping depth outside pull-off A2 [mm]	400 mm
A3	Clamping depth external pull-off A3 [mm]	450 mm
K	Hook root thickness at the tip (claw thickness K) [mm]	9,5 mm
J	Hook base width (claw width J) [mm]	45 mm
O	Hook base depth usable (claw depth usable O) [mm]	66,5 mm
H	Total hook root depth (total claw depth H) [mm]	82 mm
L	Total claw thickness (L+1mm) (claw distance to base surface) [mm]	25 mm
Emin	Span inside pull-out (min.) [mm]	290 mm
Emax	Span inside pull-out (max.) [mm]	740 mm
Tmax	Max. torque [Nm]	650 Nm
Fmax	Max. tractive force [t]	20 t
Fmax	Max. tensile force [kN]	200 kN