

# 112-1 2-jaw puller for rolling bearings (Swedish model) with conical knurl, up to 55 mm clamping range, 45 mm clamping depth



APPLICATION IMAGE



## DESCRIPTION

The 2-jaw puller with conical knurl has been developed in collaboration with a Scandinavian ball bearing manufacturer for the proper extraction of rolling bearings. Both the proportions of the puller and the consistently straight puller legs are specifically tailored to the requirements for central pulling of small and medium-sized bearings in confined environments. This counteracts possible damage to the bearing and bearing seat during disassembly. The springs guarantee synchronous opening and closing of the puller legs, enabling easier handling and even more efficient operation. The combination of the clamping ring (knurled cone) and spring element prevents the puller from slipping, ensuring a particularly firm grip at all times. At the same time, fixing the legs with the conical knurl speeds up and facilitates work during consistent extraction processes with identical clamping range.

## RANGE OF APPLICATION

For the proper dismounting of rolling bearings

## BENEFIT

- Automatic self-centering of the puller legs by tightening the clamping ring
- The clamping ring and suspension ensure a force-fitting fixation of the Puller without the legs slipping off or deflecting
- Claw-shaped leg end encircles the bearing form-fittingly
- For identical pulling processes, the clamping range only needs to be set once.
- Anti-slip device on the spindle head for safe working with a wrench
- Safe mounting of the spindle through a rotatable spindle tip both on smooth surfaces and during centring (Switch Technology)
- Spindle outlet to protect the thread

## OPERATION

- Place the spindle centrally on the shaft
- Tighten the conical knurl until the legs grip the bearing securely
- Pull the spindle manually under pressure to fix it in place
- Move the hexagon on the spindle head with a ratchet or a ring spanner until the bearing is released

## MASTER DATA

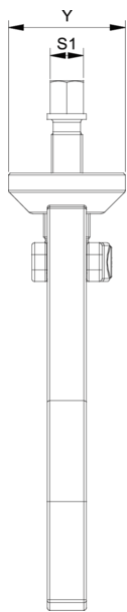
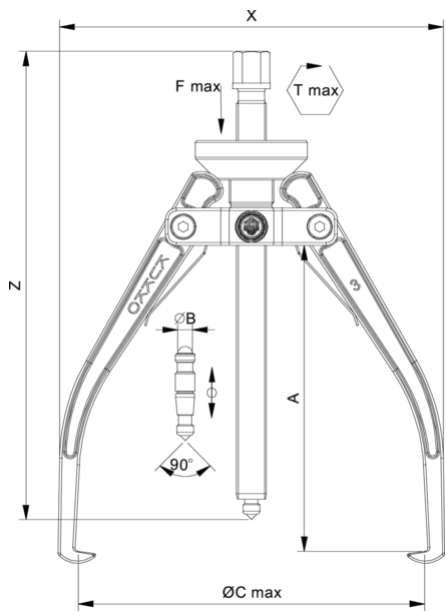
GTIN [EAN]	4021176418143
Country of origin	DE
Case material	Tool steel
Series	112
Net weight [kg]	0,45 kg
Package contents	1 piece
Packaging Act	PAP 21
Global sales capability given	Yes (REACH, RoHS, POP, PROP65, TSCA)

## SPARE PARTS

- 112-1-33\_Clamping ring
- 112-1-45-P\_2 pulling jaws with tension pins (pair)
- 112-1-T\_Cross Beam
- 610110\_Mechanical spindle

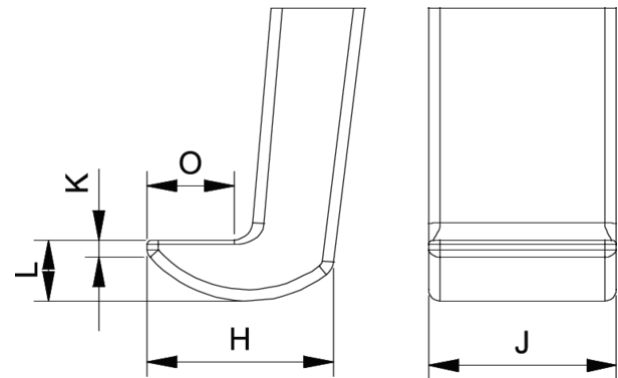


2-jaw puller for rolling bearings (Swedish model) with conical knurl, up to 55 mm clamping range, 45 mm clamping depth



Abbreviation	Attribut	Wert
X	Total width [mm]	65 mm
Y	Total depth [mm]	40 mm
Z	Total height [mm]	75 mm
A	Clamping depth outside pull-off [mm]	45 mm
S1	Width across flats [mm]	13 mm
Cmin	Span outside pull-off (min.) [mm]	0 mm
Cmax	Span outside pull-off (max.) [mm]	55 mm
K	Hook root thickness at the tip (claw thickness K) [mm]	3 mm
J	Hook base width (claw width J) [mm]	10 mm
O	Hook base depth usable (claw depth usable O) [mm]	7 mm
H	Total hook root depth (total claw depth H) [mm]	12 mm
L	Total claw thickness (L+1mm) (claw distance to base surface) [mm]	5 mm
Tmax	Max. torque [Nm]	25 Nm
Fmax	Max. tractive force [t]	1.5 t
Fmax	Max. tensile force [kN]	15 kN

Abbreviation	Attribut	Wert
X	Total width [mm]	65 mm
Y	Total depth [mm]	40 mm
Z	Total height [mm]	75 mm
A	Clamping depth outside pull-off [mm]	45 mm
S1	Width across flats [mm]	13 mm
Cmin	Span outside pull-off (min.) [mm]	0 mm
Cmax	Span outside pull-off (max.) [mm]	55 mm
K	Hook root thickness at the tip (claw thickness K) [mm]	3 mm
J	Hook base width (claw width J) [mm]	10 mm
O	Hook base depth usable (claw depth usable O) [mm]	7 mm
H	Total hook root depth (total claw depth H) [mm]	12 mm
L	Total claw thickness (L+1mm) (claw distance to base surface) [mm]	5 mm
Tmax	Max. torque [Nm]	25 Nm
Fmax	Max. tractive force [t]	1.5 t
Fmax	Max. tensile force [kN]	15 kN



Abbreviation	Attribut	Wert
X	Total width [mm]	65 mm
Y	Total depth [mm]	40 mm

Z	Total height [mm]	75 mm
A	Clamping depth outside pull-off [mm]	45 mm
S1	Width across flats [mm]	13 mm
Cmin	Span outside pull-off (min.) [mm]	0 mm
Cmax	Span outside pull-off (max.) [mm]	55 mm
K	Hook root thickness at the tip (claw thickness K) [mm]	3 mm
J	Hook base width (claw width J) [mm]	10 mm
O	Hook base depth usable (claw depth usable O) [mm]	7 mm
H	Total hook root depth (total claw depth H) [mm]	12 mm
L	Total claw thickness (L+1mm) (claw distance to base surface) [mm]	5 mm
Tmax	Max. torque [Nm]	25 Nm
Fmax	Max. tractive force [t]	1.5 t
Fmax	Max. tensile force [kN]	15 kN