113-3 3-jaw puller for rolling bearings (Swedish model) with cone knob, up to 185 mm spread, 165 mm reach

APPLICATION IMAGE

DESCRIPTION

The 3-jaw puller with cone knob has been developed for the proper extraction of rolling bearings in collaboration with a Scandinavian ball bearing manufacturer. Both the proportions of the puller and the consistently straight puller jaws are specifically tailored to the requirements for centric pulling of small and medium-sized bearings under limited environmental conditions. This prevents potential damage to the bearing and bearing seat during extraction. The springs guarantee a synchronous opening and closing of the puller jaws, enabling easier handling and even more efficient working. The combination of a tightened reach adjusting knob and spring element prevents the puller from slipping and ensures a particularly firm hold at all times. At the same time, the fixation of the jaws is accelerated and facilitated by the cone knob, making work easier when performing consistent pulling operations with an identical spread. The 3-jaw design guarantees an even load distribution and thus a particularly secure hold on the part to be pulled.

APPLICATION AREA

Suitable for 3-arm universal puller

BENEFIT

- Automatic self-centering of the jaws by tightening the tension ring
- The tension ring and spring ensure a force-fitting fixation of the puller without slipping or deflection of the jaws.
- Claw-shaped leg end grasps the bearing in a form-fit manner.
- The spread only needs to be set once for identical pull-off processes.
- Anti-slip safety (spindle neck) at the spindle head for safe working with wrench.
- Spindle outlet for thread protection
- 3-jaw ensures an even distribution of force and allows for greater pulling forces
- Safe setup of the spindle through a swivel spindle tip on both smooth surfaces and during centering (Switch Technology)

OPERATION

- Position the spindle in the center on the shaft
- Tighten the clamping ring until the arms securely clamp the bearing
- Manually pull the spindle to secure it
- Use a ratchet or a box wrench to move the hexagon on the spindle head until the bearing is loosened

MASTER DATA

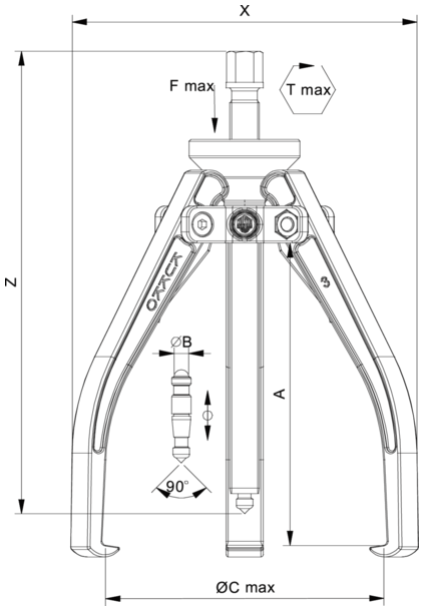
GTIN [EAN]	4021176422751
Country of origin	DE
Case material	Tool steel
Series	113
Net weight [kg]	2,94 kg
Package contents	1 piece
Packaging Act	PAP 21
Global sales capability given	Yes (REACH, RoHS, POP, PROP65, TSCA)

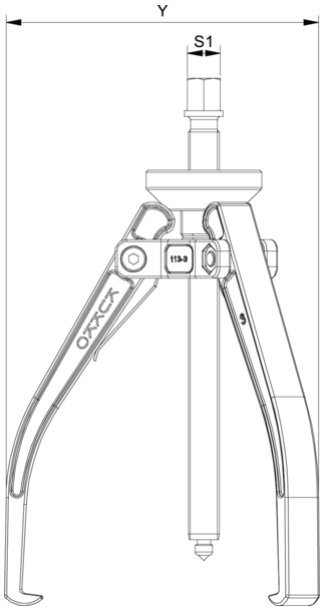
SPARE PARTS

- 113-117_replacement spindle
- 113-3-165-S_3 jaws (set)

- 113-3-T_Crossbar
- 616180_Double-sided spindle tip
- 616220_Mechanical clamping spindle

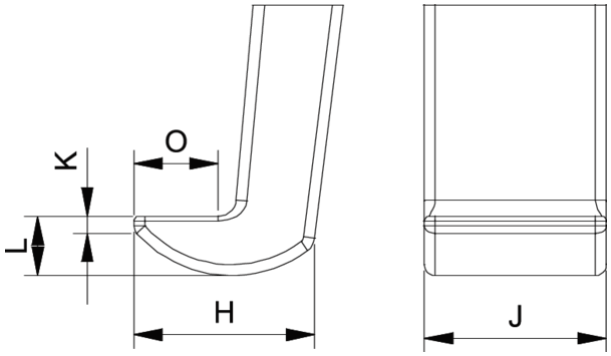
3-jaw puller for rolling bearings (Swedish model) with cone knob, up to 185 mm spread, 165 mm reach





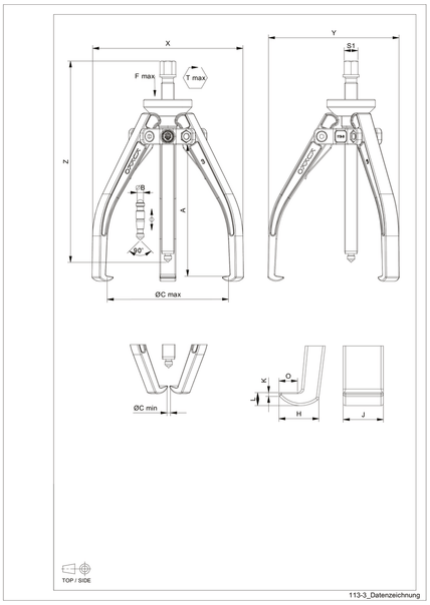
Abbreviation	Attribut	Wert
X	Total width [mm]	203 mm
Y	Total depth [mm]	203 mm
Z	Total height [mm]	245 mm
A	Clamping depth outside pull-off [mm]	165 mm
S1	Width across flats [mm]	17 mm
Cmin	Span outside pull-off (min.) [mm]	3 mm
Cmax	Span outside pull-off (max.) [mm]	185 mm
K	Hook root thickness at the tip (claw thickness K) [mm]	1,5 mm
J	Hook base width (claw width J) [mm]	20 mm
O	Hook base depth usable (claw depth usable O) [mm]	11 mm
H	Total hook root depth (total claw depth H) [mm]	20 mm
L	Total claw thickness (L+1mm) (claw distance to base surface) [mm]	6,5 mm
Tmax	Max. torque [Nm]	60 Nm
Fmax	Max. tractive force [t]	4 t
Fmax	Max. tensile force [kN]	40 kN

Abbreviation	Attribut	Wert
X	Total width [mm]	203 mm
Y	Total depth [mm]	203 mm
Z	Total height [mm]	245 mm
A	Clamping depth outside pull-off [mm]	165 mm
S1	Width across flats [mm]	17 mm
Cmin	Span outside pull-off (min.) [mm]	3 mm
Cmax	Span outside pull-off (max.) [mm]	185 mm
K	Hook root thickness at the tip (claw thickness K) [mm]	1,5 mm
J	Hook base width (claw width J) [mm]	20 mm
O	Hook base depth usable (claw depth usable O) [mm]	11 mm
H	Total hook root depth (total claw depth H) [mm]	20 mm
L	Total claw thickness (L+1mm) (claw distance to base surface) [mm]	6,5 mm
Tmax	Max. torque [Nm]	60 Nm
Fmax	Max. tractive force [t]	4 t
Fmax	Max. tensile force [kN]	40 kN



Abbreviation	Attribut	Wert
X	Total width [mm]	203 mm
Y	Total depth [mm]	203 mm
Z	Total height [mm]	245 mm

A	Clamping depth outside pull-off [mm]	165 mm
S1	Width across flats [mm]	17 mm
Cmin	Span outside pull-off (min.) [mm]	3 mm
Cmax	Span outside pull-off (max.) [mm]	185 mm
K	Hook root thickness at the tip (claw thickness K) [mm]	1,5 mm
J	Hook base width (claw width J) [mm]	20 mm
O	Hook base depth usable (claw depth usable O) [mm]	11 mm
H	Total hook root depth (total claw depth H) [mm]	20 mm
L	Total claw thickness (L+1mm) (claw distance to base surface) [mm]	6,5 mm
Tmax	Max. torque [Nm]	60 Nm
Fmax	Max. tractive force [t]	4 t
Fmax	Max. tensile force [kN]	40 kN



Abbreviation	Attribut	Wert
X	Total width [mm]	203 mm
Y	Total depth [mm]	203 mm
Z	Total height [mm]	245 mm
A	Clamping depth outside pull-off [mm]	165 mm
S1	Width across flats [mm]	17 mm
Cmin	Span outside pull-off (min.) [mm]	3 mm
Cmax	Span outside pull-off (max.) [mm]	185 mm
K	Hook root thickness at the tip (claw thickness K) [mm]	1,5 mm
J	Hook base width (claw width J) [mm]	20 mm
O	Hook base depth usable (claw depth usable O) [mm]	11 mm
H	Total hook root depth (total claw depth H) [mm]	20 mm
L	Total claw thickness (L+1mm) (claw distance to base surface) [mm]	6,5 mm
Tmax	Max. torque [Nm]	60 Nm
Fmax	Max. tractive force [t]	4 t
Fmax	Max. tensile force [kN]	40 kN