120-10 2-jaw universal puller "VARIO" with spring-loaded fall protection, up to 150 mm spread, 100 mm reach



DESCRIPTION

The 2-jaw and 3-jaw Universal Pullers "VARIO" with spring-loaded hook safety are used for pulling bearings, gears, and discs in all common sizes for crafts, workshops, and industries. This allows for the removal of any component that sits on a shaft and is easily accessible from the outside. Equipped with robust, always parallel puller jaws, the pullers ensure a particularly safe, damage-free disassembly during both external extraction and internal pulling. The hook safety prevents the puller jaws from slipping off the crossbar.

APPLICATION AREA

To detach bearings, gears, and discs in all common sizes for crafts, workshops, and industry.

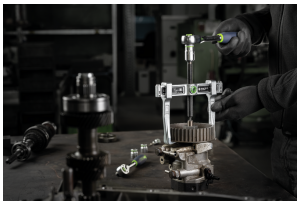
BENEFIT

- Fall protection protects against the jaws sliding off the crossbar.
- By pressing the safety lock, a particularly fast inversion of the jaws is guaranteed.
- Application also for eccentric components through free-moving, sliding puller jaws on the crossbar.
- Adjustment to any span between 20 mm – 150 mm
- Safe mounting of the spindle with a movable spindle tip on both smooth surfaces and for centering (Switch Technology)
- Optional convertible from an external puller to an internal extractor by flipping the jaws.
- Anti-slip safety at the spindle neck for safe working with a wrench.

OPERATION

- Place the puller jaws from the outside onto the part to be removed
- Slide the claws under the component
- Manually pull the spindle for fixation
- Set the hexagon on the spindle head into motion with a ratchet or an open-end wrench until the component is detached

APPLICATION IMAGE



DETAIL IMAGE



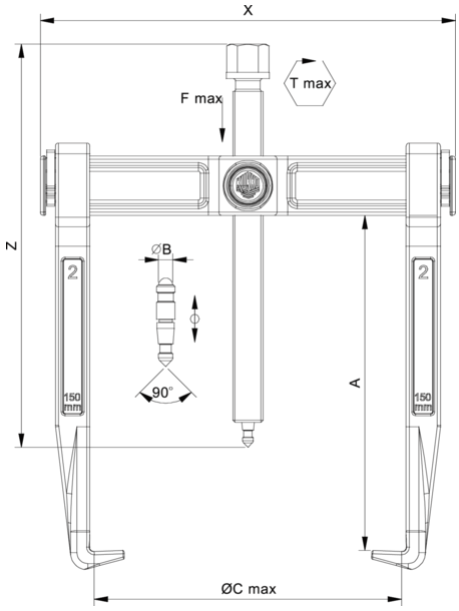
MASTER DATA

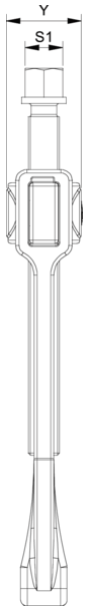
GTIN [GTIN]	4021176918599
Country of origin	DE
Material	Tool steel
Series	120
Gross weight [kg]	1,16 kg
Package contents	1 piece
Packaging Act	PAPPE PAP 21
Worldwide sales capability	Yes (REACH, RoHS, POP, PROP65, TSCA)

SPARE PARTS

- 0-100-P_2 jaws (pair)
- 120-10-T_Crossbar
- 612140_Double-sided spindle tip
- 614135_Mechanical Drive Spindle

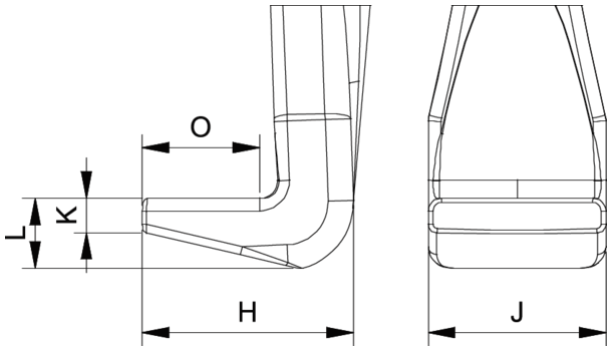
2-jaw universal puller "VARIO" with spring-loaded fall protection, up to 150 mm spread, 100 mm reach





Abbreviation	Attribut	Wert
X	Total width [mm]	195 mm
Y	Total depth [mm]	35 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]	20 mm
Cmax	Span outside pull-off (max.) [mm]	150 mm
K	Hook root thickness at the tip (claw thickness K) [mm]	4,5 mm
J	Hook base width (claw width J) [mm]	21 mm
O	Hook base depth usable (claw depth usable O) [mm]	15 mm
H	Total hook root depth (total claw depth H) [mm]	30 mm
L	Total claw thickness (L+1mm) [mm]: (claw distance to base surface)	9 mm
Emin	Span inside pull-out (min.) [mm]	100 mm
Emax	Span inside pull-out (max.) [mm]	180 mm
Tmax	Max. torque [Nm]	80 Nm
Fmax	Max. tractive force [t]	3 t
Fmax	Max. tensile force [kN]	30 kN

Abbreviation	Attribut	Wert
X	Total width [mm]	195 mm
Y	Total depth [mm]	35 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]	20 mm
Cmax	Span outside pull-off (max.) [mm]	150 mm
K	Hook root thickness at the tip (claw thickness K) [mm]	4,5 mm
J	Hook base width (claw width J) [mm]	21 mm
O	Hook base depth usable (claw depth usable O) [mm]	15 mm
H	Total hook root depth (total claw depth H) [mm]	30 mm
L	Total claw thickness (L+1mm) [mm]: (claw distance to base surface)	9 mm
Emin	Span inside pull-out (min.) [mm]	100 mm
Emax	Span inside pull-out (max.) [mm]	180 mm
Tmax	Max. torque [Nm]	80 Nm
Fmax	Max. tractive force [t]	3 t
Fmax	Max. tensile force [kN]	30 kN



Abbreviation	Attribut	Wert
X	Total width [mm]	195 mm
Y	Total depth [mm]	35 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]	20 mm
Cmax	Span outside pull-off (max.) [mm]	150 mm

K	Hook root thickness at the tip (claw thickness K) [mm]	4,5 mm
J	Hook base width (claw width J) [mm]	21 mm
O	Hook base depth usable (claw depth usable O) [mm]	15 mm
H	Total hook root depth (total claw depth H) [mm]	30 mm
L	Total claw thickness (L+1mm) [mm]: (claw distance to base surface)	9 mm
Emin	Span inside pull-out (min.) [mm]	100 mm
Emax	Span inside pull-out (max.) [mm]	180 mm
Tmax	Max. torque [Nm]	80 Nm
Fmax	Max. tractive force [t]	3 t
Fmax	Max. tensile force [kN]	30 kN