30-10-SP-T 3-jaw universal puller with extremely narrow jaws in a set, up to 130 mm spread, 350 mm reach



DESCRIPTION

The 3-jaw universal puller with extremely narrow, adjustable jaws and trapezoidal support surface on the claw is used for safely pulling gear wheels, bearings, pinions, synchronizer bodies, and similar components. Equipped with three pairs of jaws in different lengths, it enables pulling operations with various combinations and depths. This allows for the removal of any component that is on a shaft and freely accessible from the outside. The extremely narrow jaws ensure that even very tight and hard-to-reach spaces can be accessed. The 3-jaw design guarantees an even load distribution, providing a particularly secure grip on the part being pulled.

APPLICATION AREA

To safely pull gears, bearings, sprockets, synchronizers, and similar components.

BENEFIT

- The extremely slim design of the jaws is optimal for tight and hard-to-reach places.
- 3-jaw ensures an even distribution of force and allows for greater pulling forces.
- The screw connection allows for easy loosening and especially tight fastening of the jaws with an allen key
- Application also for eccentric components through freely movable, sliding jaws on the crossbar.
- Hexagonal profile on the crossbar for secure counter-holding
- Variable adjustment to any span between 13 mm – 130 mm
- Safety suspension of the claw in the sliding piece (Armlock Technology)
- Safe installation of the spindle through a rotating spindle tip on both smooth surfaces and in centrings (Switch Technology)
- Optional convertible from an external puller to an internal extractor by reversing the extraction jaws.
- Anti-slip safety (spindle neck) at the spindle head for safe work with wrench.
- Spindle discharge to protect the thread
- By combining the hooks, a maximum reach of 350 mm can be achieved.

OPERATION

- Position the puller jaws from the outside onto the component to be removed
- Slide the claws under the component
- Use a wrench to secure the jaws
- Manually pull the spindle for fixation
- Set the hexagon on the spindle head in motion with a ratchet or crowfoot wrench until the component is released

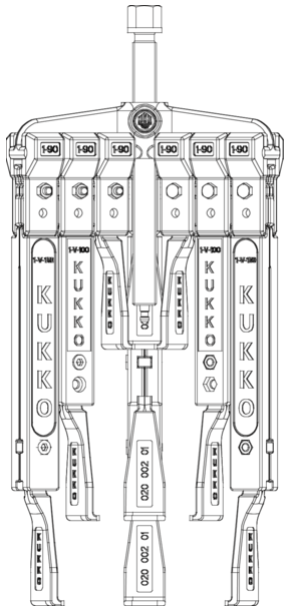
MASTER DATA

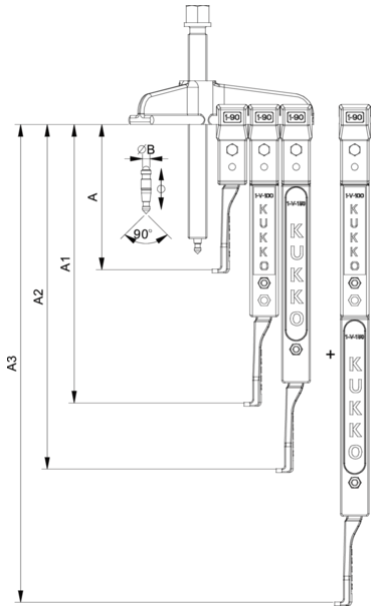
GTIN [GTIN]	4021176770272
Country of origin	DE
Material	Tool steel
Series	30-SP-T
Gross weight [kg]	5,55 kg
Package contents	1 set
Packaging Act	PAPPE PAP 21
Worldwide sales capability	Yes (REACH, RoHS, POP, PROP65, TSCA)

SPARE PARTS

- 1-194-S_3 extremely slim jaws (set)
- 1-254-S_3 extremely narrow puller jaws (set)
- 1-94-S_3 extremely narrow puller hooks (set)
- 1-V-100-S_3 puller extensions (set)
- 1-V-150-S_3 puller extensions (set)
- 30-10-T_Crossbar
- 614135_Mechanical Drive Spindle
- 614160_Mechanical pressure spindle

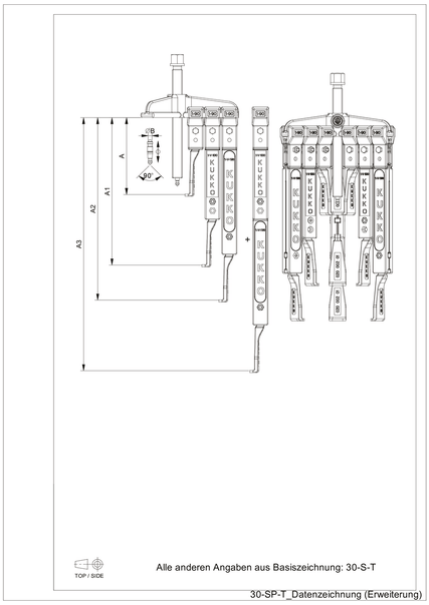
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Abbreviation	Attribut	Wert
X	Total width [mm]	174 mm
Y	Total depth [mm]	174 mm
Z	Total height [mm]	158 mm
A	Clamping depth of external puller [mm]	350 mm
S1	Width across flats [mm]	17 mm
Cmin	Span outside pull-off (min.) [mm]	13 mm
Cmax	Span outside pull-off (max.) [mm]	130 mm
A1	Clamping depth of external pull-off A1 [mm]	200 mm
A2	Clamping depth outside pull-off A2 [mm]	250 mm
A3	Clamping depth external pull-off A3 [mm]	350 mm
K	Hook root thickness at the tip (claw thickness K) [mm]	3 mm
J	Hook base width (claw width J) [mm]	24 mm
O	Hook base depth usable (claw depth usable O) [mm]	7 mm
H	Total hook root depth (total claw depth H) [mm]	14 mm
L	Total claw thickness (L+1mm) [mm]: (claw distance to base surface)	3 mm
Emin	Span inside pull-out (min.) [mm]	70 mm
Emax	Span inside pull-out (max.) [mm]	180 mm
Tmax	Max. torque [Nm]	40 Nm
Fmax	Max. tractive force [t]	3 t
Fmax	Max. tensile force [kN]	30 kN

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30-SP-T_Datenzeichnung (Erweiterung)

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