

30-10-P3 3-jaw universal puller set, up to 130 mm clamping range, 350 mm clamping depth



DESCRIPTION

The 3-jaw universal puller with adjustable pulling jaws is used for particularly safe extraction of bearings, gears, and disks in all common sizes for craft, workshop, and industry. By being equipped with three pairs of pulling jaws in different lengths, pulling processes with various combinations and spatial depths are enabled. This makes it possible to loosen any component that sits on a shaft and is freely accessible from the outside. The 3-jaw feature guarantees an even load distribution, ensuring particularly secure hold on the part to be extracted.

RANGE OF APPLICATION

For particularly safe extraction of bearings, gear wheels and discs

BENEFIT

- Screw connection allows easy loosening and particularly tight fastening of the pulling jaws with a hex 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 adaptation to any clamping range between 0 mm – 130 mm
- Shear-resistant suspension of the hook foot (claw) in the sliding piece (jaw lock Technology)
- Secure mounting of the spindle through a rotating spindle tip on both smooth surfaces and during centring (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
- By combining the hooks, a maximum clamping depth of 350 mm can be achieved

OPERATION

- Set pulling jaw on the part to be pulled from the outside
- Slide claws under the component
- Use a wrench to secure the hooks
- Manually pull the spindle to fixate it under pressure
- Set the hexagon drive (male) on the spindle head in motion using a ratchet or a ring wrench until the component is released

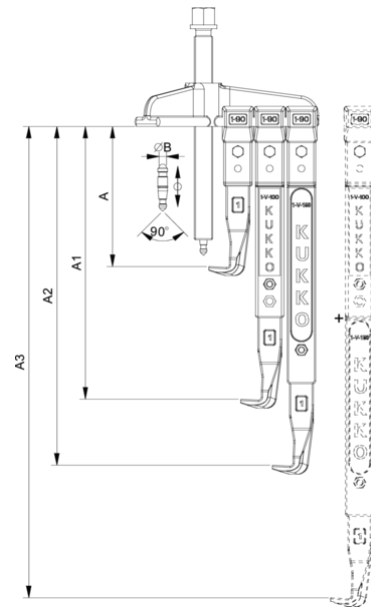
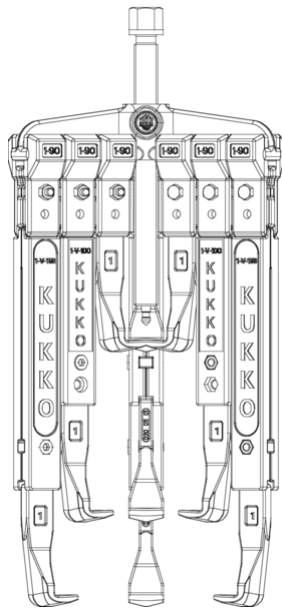
MASTER DATA

GTIN [EAN]	4021176111136
Country of origin	DE
Case material	Tool steel
Series	30-P
Net weight [kg]	5,335 kg
Package contents	1 set
Packaging Act	PAP 21
Global sales capability given	Yes (REACH, RoHS, POP, PROP65, TSCA)

SPARE PARTS

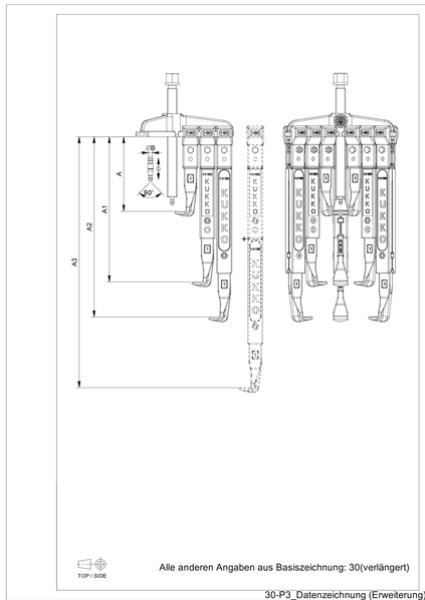
- 1-190-S_Standard jaws (set)
- 1-250-S_Standard pulling jaws (set)
- 1-90-S_Standard pulling jaw (set)
- 1-V-100-S_3 pulling jaw extensions (set)
- 1-V-150-S_3 Pulling jaw extensions (set)
- 30-10-T_Cross beam
- 612140_Two-sided spindle tip
- 614135_Mechanical spindle

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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 outside pull-off [mm]	350 mm
S1	Width across flats [mm]	17 mm
Cmin	Span outside pull-off (min.) [mm]	0 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]	20,5 mm
O	Hook base depth usable (claw depth usable O) [mm]	15,5 mm
H	Total hook root depth (total claw depth H) [mm]	31 mm
L	Total claw thickness (L+1mm) (claw distance to base surface) [mm]	10 mm
Emin	Span inside pull-out (min.) [mm]	70 mm
Emax	Span inside pull-out (max.) [mm]	180 mm
Tmax	Max. torque [Nm]	80 Nm
Fmax	Max. tractive force [t]	6 t
Fmax	Max. tensile force [kN]	60 kN

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