20-30-SP 2-jaw universal puller with narrow jaws in set, up to 350 mm spread, 400 mm reach



DESCRIPTION

The 2-jaw universal puller with narrow, adjustable jaws is used for safely pulling bearings, gears, and discs in all common sizes for crafts, workshops, and industry. By being equipped with 3 pairs of jaws in different lengths, pulling operations with various combinations and depths are enabled. This allows for the loosening of any component that sits on a shaft and is freely accessible from the outside. The narrow jaws ensure that even tight and hard-to-reach spaces are accessible.

APPLICATION AREA

For safe removal of bearings, gears, and discs in all common sizes for craft, workshop, and industry.

BENEFIT

- Narrow puller jaws grip optimally in tight and hard-to-reach areas.
- Screw connection allows easy loosening and particularly tight fastening of the jaws with an Allen key
- Application also for eccentric components through freely movable, sliding puller jaws on the crossbar.
- Hexagonal profile on the crossbar for secure counterholding
- - Quick-adjustable trigger hooks guarantee instant adjustment to any span between xx - xxx mm
- Safety hook suspension of the claw in the sliding piece (Armlock Technology)
- Secure mounting of the spindle through the rotating spindle tip both on smooth surfaces and during centering (Switch Technology)
- By combining the hooks, a maximum reach of 350 mm can be achieved.
- 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 socket wrenches
- - By combining the hooks, a maximum clamping depth of 350 mm can be achieved

OPERATION

- Position the puller jaws from the outside onto the part to be removed
- Push the claws under the component
- Use a wrench to secure the jaws
- Manually apply pressure to the spindle for fixation
- Set the hexagon on the spindle head in motion with a ratchet or open-end wrench until the component is released

MASTER DATA

GTIN [GTIN]	4021176701931
Country of origin	DE
Material	Tool steel
Series	20-SP
Gross weight [kg]	16,68 kg
Package contents	1 set
Packaging Act	PAPPE PAP 21
Worldwide sales capability	Yes (REACH, RoHS, POP, PROP65, TSCA)

SPARE PARTS

- 20-30-T crossbar for 20-30
- 3-201-P_small puller
- 3-301-P_narrow jaws
- 3-401-P_narrow puller
- 626300_Mechanical spindle

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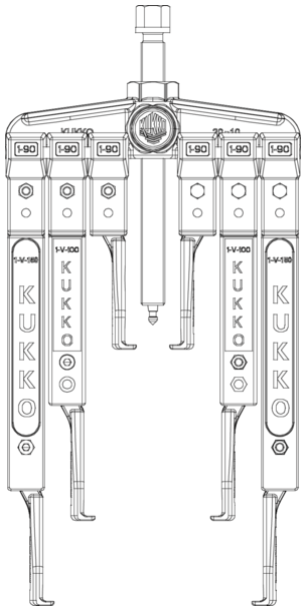

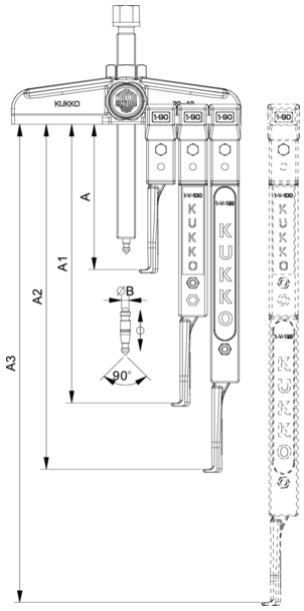

Abbreviation	Attribut	Wert
X	Total width [mm]	420 mm
Y	Total depth [mm]	60 mm
Z	Total height [mm]	337 mm
A	Clamping depth of external puller [mm]	400 mm
S1	Width across flats [mm]	27 mm
S2	Width across flats [mm]	46 mm
Cmin	Span outside pull-off (min.) [mm]	21 mm
Cmax	Span outside pull-off (max.) [mm]	350 mm
A1	Clamping depth of external pull-off A1 [mm]	300 mm
A2	Clamping depth outside pull-off A2 [mm]	400 mm
K	Hook root thickness at the tip (claw thickness K) [mm]	6,5 mm
J	Hook base width (claw width J) [mm]	35 mm
O	Hook base depth usable (claw depth usable O) [mm]	22 mm
H	Total hook root depth (total claw depth H) [mm]	52 mm
L	Total claw thickness (L+1mm) [mm]: (claw distance to base surface)	6,5 mm
Emin	Span inside pull-out (min.) [mm]	180 mm
Emax	Span inside pull-out (max.) [mm]	440 mm
Tmax	Max. torque [Nm]	250 Nm
Fmax	Max. tractive force [t]	7 t
Fmax	Max. tensile force [kN]	70 kN

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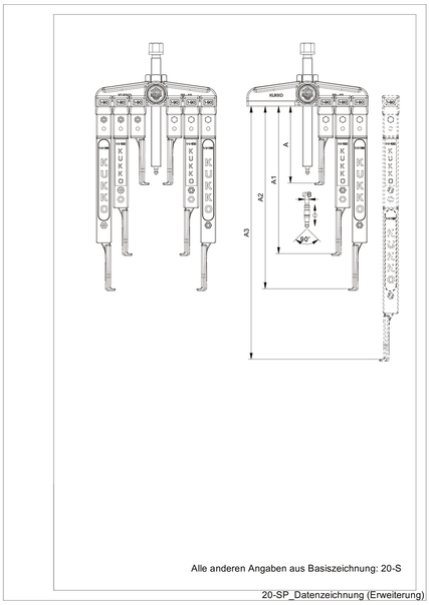

20-SP_Datenzeichnung (Erweiterung)

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