

# 20-30-P3 2-arm universal puller with adjustable trigger hooks in set



APPLICATION IMAGE



DETAIL IMAGE



## DESCRIPTION

The 2-arm universal puller with adjustable puller hooks is used for particularly safe pulling off of bearings, gears and discs in all common sizes for handicraft, workshop and industry. Due to the equipment with 2 pairs of pullers in different lengths, pulling processes with various combinations and depths are possible. This makes it possible to loosen any component that sits on a shaft and is freely accessible from the outside

## RANGE OF APPLICATION

For particularly safe extraction of bearings, gear wheels and discs

## BENEFIT

- Screw connection allows easy loosening and particularly tight tightening of the trigger hooks with a hexagonal spanner
- Application also with eccentric components due to free-moving trigger hooks sliding on the crosshead
- Hexagonal profile on the crossbar for safe counter-holding
- Variable adjustment to any span between 0 mm – 350 mm
- Shear-proof suspension of the claw in the slide (Armlock Technology)
- By combining the hooks, a maximum clamping depth of 350 mm can be achieved
- Safe positioning of the spindle due to rotatable spindle tip both on smooth surfaces and for centring (Switch Technology)
- Optionally convertible from an external extractor to an internal extractor by reversing the extractor hooks
- Nothing
- - By combining the hooks, a maximum clamping depth of 350 mm can be achieved

## OPERATION

- Attach the puller hook to the part to be pulled off from the outside
- Slide the claws under the part
- Use a spanner to fix the hooks
- Pull the spindle manually to fix it
- Move the hexagon on the spindle head with a ratchet or a combination spanner until the component is released

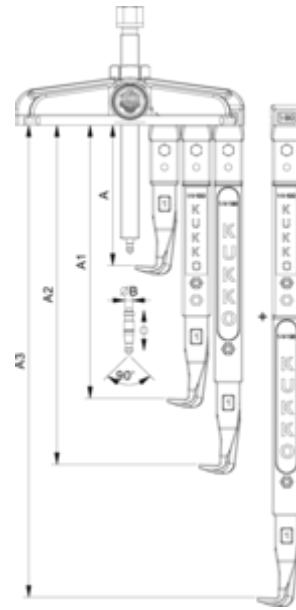
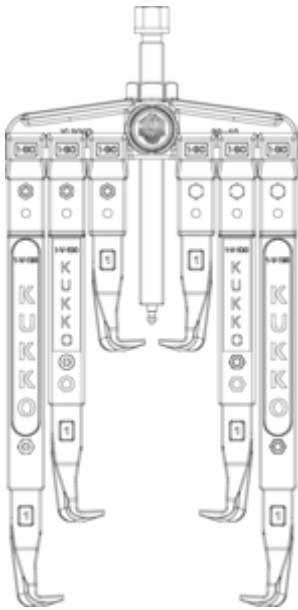
## MASTER DATA

GTIN	4021176003011
Country of origin	DE
Material	Tool steel
Series	20-P
Net weight [kg]	17,1 kg
Gross weight [kg]	
Package contents	1 piece
Packaging Act	PAP 21

## SPARE PARTS

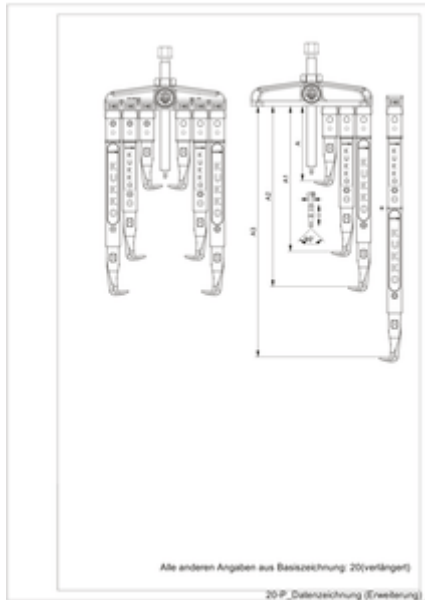
- 3-200-P\_Standard trigger hooks
- 3-300-P\_Standard trigger hooks
- 3-400-P\_Standard trigger hooks
- 626300\_Mechanical pressure spindle
- 20-30-T\_Traverse for 20-30

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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 outside pull-off [mm]	200 mm
S1	Width across flats [mm]	27 mm
S2	Width across flats [mm]	46 mm
Cmin	Span outside pull-off (min.) [mm]	0 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
A3	Clamping depth external pull-off A3 [mm]	
A5	Clamping depth external peel-off A5 [mm]	
A4	Clamping depth outside pull-off A4 [mm]	
K	Hook root thickness at the tip (claw thickness K) [mm]	4 mm
J	Hook base width (claw width J) [mm]	35 mm
O	Hook base depth usable (claw depth usable O) [mm]	32,5 mm
H	Total hook root depth (total claw depth H) [mm]	67 mm
L	Total claw thickness (L+1mm) (claw distance to base) [mm]	20 mm
Emin	Span inside pull-out (min.) [mm]	180 mm
Emax	Span inside pull-out (max.) [mm]	440 mm
Tmax	Max. torque [Nm]	300 Nm
Fmax	Max. tractive force [t]	8.5 t
Fmax	Max. tensile force [kN]	85 kN

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