20-1 2-jaw universal puller, up to 90 mm spread, 100 mm reach





APPLICATION IMAGE



DETAIL IMAGE



DESCRIPTION

The 2-jaw universal puller is used for extracting bearings, gears, and discs in all common sizes for crafts, workshops, and industry. It can loosen any component that sits on a shaft and is freely accessible from the outside. Equipped with robust and adjustable standard jaws, the puller all-rounder ensures particularly safe, non-destructive disassembly when performing external extraction as well as internal extraction.

APPLICATION AREA

For pulling off bearings, gears and pulleys

BENEFIT

- The 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 jaws on the crossbar.
- Hexagonal profile on the crossbar for secure counter-holding
- Variable adjustment to any spread between 0 mm 90 mm
- Shear-safe suspension of the claw in the sliding piece (ARMLOCK Technology)
- Safe positioning of the spindle through a rotatable spindle tip on both smooth surfaces and during centering (SWITCH Technology)
- Optional convertible from an external puller to an internal extractor by reversing the jaws.
- Anti-slip safety (spindle neck) at the spindle head for safe working with socket wrench.
- Spindle run-out to protect the thread
- Optional extensions (additional hooks, hook extensions, etc.) allow for diverse extraction solutions for:

OPERATION

- Place the puller jaws from the outside onto the part to be pulled off
- Slide the claws under the component
- Use a wrench to secure the jaws
- Manually pull the spindle for fixation
- Set the hexagon at the spindle head in motion with a ratchet or a box wrench until the component is released

MASTER DATA

GTIN [EAN] 4021176009433

 Country of origin
 DE

 Case material
 Tool steel

 Series
 20-Classic

 Net weight [kg]
 1,35 kg

 Package contents
 1 piece

 Packaging Act
 PAP 21

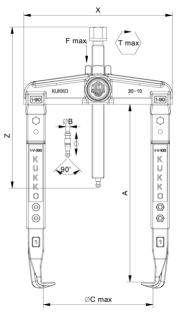
Yes (REACH, RoHS, POP, PROP65,

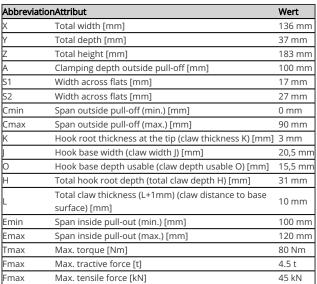
Global sales capability given

SPARE PARTS

- 1-90-P_standard jaws
- 20-1-T_Crossbar for 20-1
- 612140_Double-sided spindle tip
- 614160_Mechanical pressure spindle

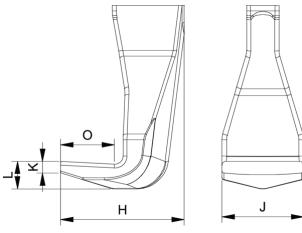
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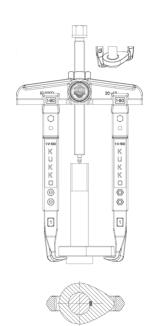




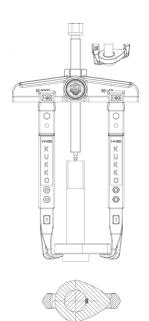
AbbreviationAttribut		Wert
X	Total width [mm]	136 mm
Y	Total depth [mm]	37 mm
Z	Total height [mm]	183 mm
A	Clamping depth outside pull-off [mm]	100 mm
S1	Width across flats [mm]	17 mm
S2	Width across flats [mm]	27 mm
Cmin	Span outside pull-off (min.) [mm]	0 mm
Cmax	Span outside pull-off (max.) [mm]	90 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
0	Hook base depth usable (claw depth usable O) [mm]	15,5 mm
Н	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]	100 mm
Emax	Span inside pull-out (max.) [mm]	120 mm
Tmax	Max. torque [Nm]	80 Nm
Fmax	Max. tractive force [t]	4.5 t
Fmax	Max. tensile force [kN]	45 kN

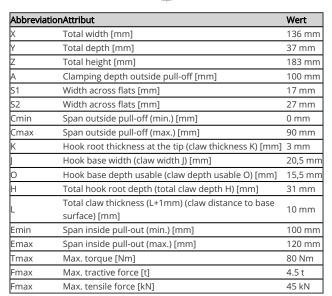


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