# 30-3-SP 3-jaw universal puller with narrow jaws in the set, up to 250 mm spread, 400 mm reach




## DESCRIPTION

The 3-jaw universal puller with narrow, adjustable jaws is used for safely pulling bearings, gears, and discs. The inclusion of three pairs of jaws in various lengths allows for pulling operations with different combinations and depths. This makes it possible to release 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. The 3-jaw design guarantees an even load distribution and thus a particularly secure grip on the part being pulled.

## APPLICATION AREA

To safely remove bearings, gears, and discs.

## BENEFIT

- The extremely slim design of the jaws optimally engages in extremely tight and hard-to-reach spots.
- 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 2 mm – 250 mm
- Anti-slip safety suspension of the claw in the sliding piece (Armlock Technology)
- Safe setup of the spindle through a swivel spindle tip on both smooth surfaces and during centering (Switch Technology)
- Optional convertible from an External Puller to an Internal Extractor by flipping the Jaws.
- Anti-slip safety (spindle neck) at the spindle head for safe work with wrench.
- Spindle outlet for thread protection
- By combining the hooks, a maximum reach of 350 mm can be achieved.

## OPERATION

- Position the jaws externally on the part to be pulled

- Slide the claws under the component

- Use a wrench to secure the hooks

- Manually pull the spindle to fix it under pressure

- Move the hexagon drive (male) on the spindle head with a ratchet or a ring spanner until the component is released

## MASTER DATA

| | |
|---|---|
| GTIN [GTIN] | 4021176728358 |
| Country of origin | DE |
| Material | Tool steel |
| Series | 30-SP |
| Gross weight [kg] | 23,67 kg |
| Package contents | 1 set |
| Packaging Act | PAPPE PAP 21 |
| Worldwide sales capability | Yes (REACH, RoHS, POP, PROP65, TSCA) |

## SPARE PARTS

- 3-201-S_Puller Strong Jaws Set
- 3-301-S_Jaws (set)
- 3-401-S_Narrow jaws (set)
- 30-3-T_Crossbar
- 626300_Mechanical spindle
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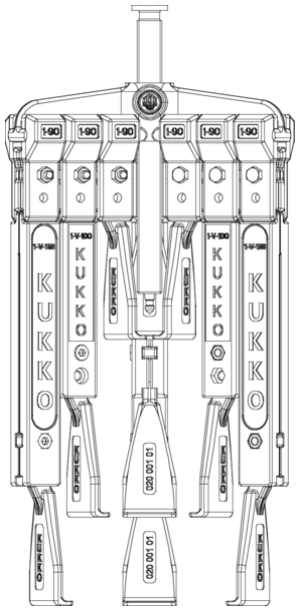

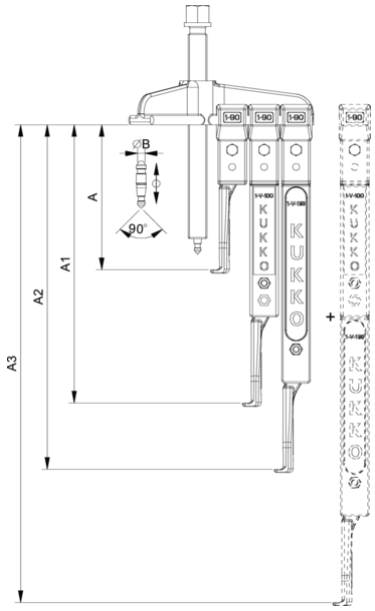


| Abbreviation | Attribut | Wert |
|---|---|---|
| X | Total width [mm] | 330 mm |
| Y | Total depth [mm] | 330 mm |
| Z | Total height [mm] | 337 mm |
| A | Clamping depth of external puller [mm] | 400 mm |
| S1 | Width across flats [mm] | 27 mm |
| Cmin | Span outside pull-off (min.) [mm] | 2 mm |
| Cmax | Span outside pull-off (max.) [mm] | 250 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] | 340 mm |
| Tmax | Max. torque [Nm] | 220 Nm |
| Fmax | Max. tractive force [t] | 7 t |
| Fmax | Max. tensile force [kN] | 70 kN |


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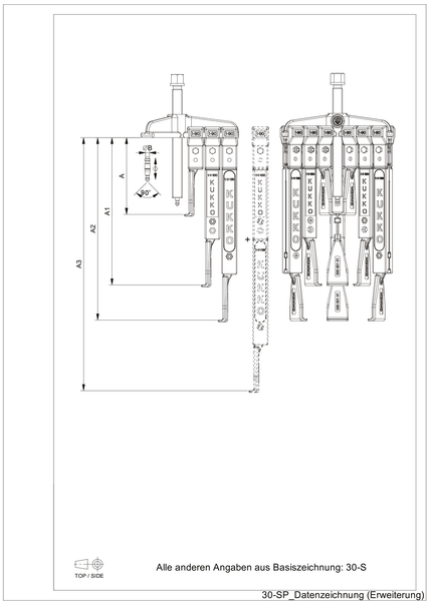

30-SP_Datenzeichnung (Erweiterung)

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