

21-4-E Segment inner extractor



DESCRIPTION

The segment internal extractors of the 21-E series are used for extracting flat bearings, bearing outer rings, bushes and seals in trade, workshop and industry. The segmented design with extra fine gripping edges allows the safe extraction of flat lying parts. Series 21 convinces with its compatibility and variety of applications. Depending on the application, there are numerous variants of the segment internal extractors. They are used either together with counter supports or with slide hammers.

RANGE OF APPLICATION

For extracting flat bearings, bearing outer rings and bushes

BENEFIT

- Due to its segmentation and fine spindle, the segment extractor is ideal for precise and gentle work
- Due to the mechanical spindle, even bearings that are seated tightly on the rear wall are extracted safely and quickly
- Shaping ensures a secure grip when mounting and swinging out with bearings or inner rings that form a blind hole
- The thread adapters for internal extractors that may be required are included in the scope of delivery of the counter supports and slide hammers

OPERATION

- Determine the inner diameter of the ball bearing and select a suitable inner extractor
- Insert the inner extractor into the bore and tighten the clamping nut
- If a support surface is available, choose a counter-support, otherwise choose a slide hammer

Operation with counter-support: Support the counter-support on the housing and screw it onto the wedge spindle of the internal extractor

- Hold the handle of the counter-support and pull the bearing out safely by tightening the nut
- Retighten the tensioning nut when pulling out

Operation with slide hammer: Screw the slide hammer rod onto the wedge spindle of the internal extractor

- Use the slide hammer with a hammering motion to pull out the bearing

APPLICATION IMAGE



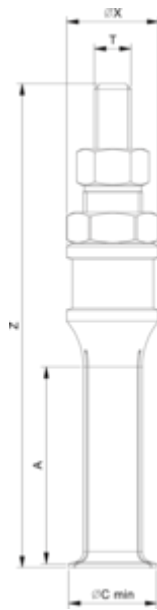
DETAIL IMAGE



MASTER DATA

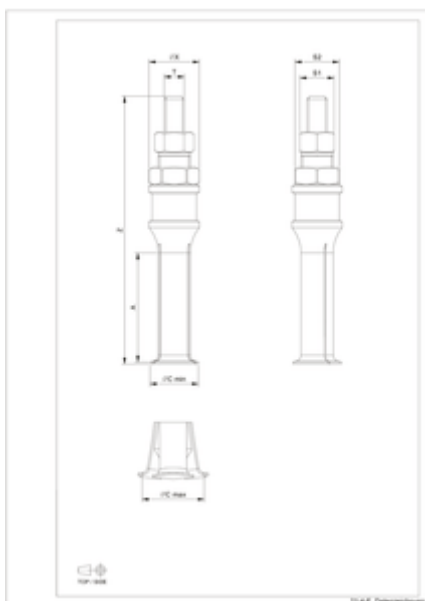
| | |
|-------------------|---------------|
| GTIN | 4021176909191 |
| Country of origin | DE |
| Material | Tool steel |
| Series | 21-E |
| Net weight [kg] | 0,25 kg |
| Gross weight [kg] | |
| Package contents | 1 piece |
| Packaging Act | PAP 21 |

Segment inner extractor



| Abbreviation | Attribut | Wert |
|--------------|-------------------------------------|--------|
| Z | Total height [mm] | 135 mm |
| S1 | Width across flats [mm] | 17 mm |
| S2 | Width across flats [mm] | 22 mm |
| Emin | Span inside pull-out (min.) [mm] | 24 mm |
| Emax | Span inside pull-out (max.) [mm] | 30 mm |
| Fmax | Max. tractive force [t] | |
| Fmax | Max. tensile force [kN] | |
| X | Diameter of the extractor [mm] | 25 mm |
| T | Mounting thread [nominal dimension] | M10 |
| A | Insert depth [mm] | 55 mm |

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