

21-0-E Internal extractor with clamping range 4,8 mm - 6,5 mm, 30 mm insertion depth



DESCRIPTION

The segment internal extractors of the 21-E series are used for extracting flush-mounted bearings, bearing outer rings, bushings, and seals in crafts, workshops, and industry. The segmented design with extra fine gripping edges allows safe extraction of flush-mounted parts. The 21 series impresses with its compatibility and application diversity. Depending on the application, there are numerous variants of the segment internal extractors. They are either used together with counter stays or with slide hammers.

RANGE OF APPLICATION

For extracting flat bearings, bearing outer rings and bushes

BENEFIT

- Due to their segmentation and fine spindle, the segment puller is ideal for precise and gentle work.
- Due to the mechanical spindle, even bearings sitting tightly on the back wall are pulled out safely and quickly.
- The shape ensures that bearings or inner rings that form a blind hole are securely gripped during seating and swinging out
- The thread adapters for internal extractors, which may be needed under certain circumstances, are included in the scope of delivery of the counter stays and slide hammers.

OPERATION

- Determine the internal diameter of the ball bearing and choose the appropriate internal extractor
- Insert the internal extractor into the bore and tighten the clamping nut
- Choose counter stay if a support surface is available, otherwise choose slide hammer

Operation with counter stay:

- Support the counter stay on the housing and screw it onto the internal extractor's mandrel
- Hold the handle of the counter stay and securely extract the bearing by tightening the nut
- Retighten the clamping nut during extraction

Operation with slide hammer:

- Screw the slide hammer rod onto the internal extractor's mandrel
- Use the slide hammer with a striking motion to extract the bearing

APPLICATION IMAGE



DETAIL IMAGE



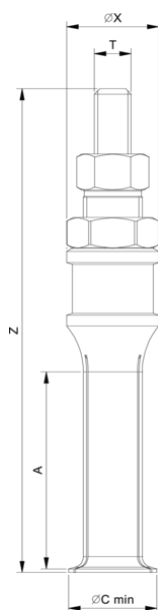
MASTER DATA

GTIN [EAN]	4021176909153
Country of origin	DE
Case material	Tool steel
Series	21-E
Net weight [kg]	0,5 kg
Package contents	1 piece
Packaging Act	PAP 21
Global sales capability given	Yes (REACH, RoHS, POP, PROP65, TSCA)

SUITABLE FOR

- 22-0-05_Slide hammer device with 0.5 kg impact weight
- 22-0-17_Slide hammer device with 1.7 kg impact weight
- 22-1_Counter stay
- 22-2_Counter stay

Internal extractor with clamping range 4,8 mm - 6,5 mm, 30 mm insertion depth



Abbreviation	Attribut	Wert
Z	Total height [mm]	92 mm
S1	Width across flats [mm]	10 mm
S2	Width across flats [mm]	13 mm
Emin	Span inside pull-out (min.) [mm]	4,8 mm
Emax	Span inside pull-out (max.) [mm]	6,5 mm
X	Diameter of the extractor [mm]	15 mm
T	Mounting thread [nominal dimension]	M10



Abbreviation	Attribut	Wert
Z	Total height [mm]	92 mm
S1	Width across flats [mm]	10 mm
S2	Width across flats [mm]	13 mm
Emin	Span inside pull-out (min.) [mm]	4,8 mm
Emax	Span inside pull-out (max.) [mm]	6,5 mm
X	Diameter of the extractor [mm]	15 mm
T	Mounting thread [nominal dimension]	M10