

# 21-3-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

## MASTER DATA

GTIN	4021176931109
Country of origin	DE
Material	Tool steel
Series	21-E
Net weight [kg]	0,21 kg
Gross weight [kg]	
Package contents	1 piece
Packaging Act	PAP 21

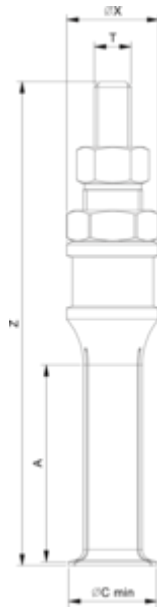
## APPLICATION IMAGE



## DETAIL IMAGE



# Segment inner extractor



Abbreviation	Attribut	Wert
Z	Total height [mm]	125 mm
S1	Width across flats [mm]	14 mm
S2	Width across flats [mm]	22 mm
Emin	Span inside pull-out (min.) [mm]	18 mm
Emax	Span inside pull-out (max.) [mm]	22 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]	45 mm

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