

21-1 2-shell internal extractor



APPLICATION IMAGE



DESCRIPTION

Series 21 internal extractors are used for extracting internal bearings, bearing outer rings and bushes in trade, workshops and industry. The multi-shell design of the internal extractors with their extra-large gripping edges enables the safe extraction of internal parts. The 21 series impresses with its compatibility and variety of applications. Depending on the application, there are numerous variants of the 2 or 3-shell internal extractors. They are used either together with counter stays or with slide hammers.

RANGE OF APPLICATION

For extracting internal bearings, bearing outer rings and bushes

BENEFIT

- The powerful design and built-in spindle stop ensure not only strong but also safe work
- Thanks to the extraordinary clamping effect and the mechanical spindle, even bearings that are tightly seated on the rear wall are pulled out safely and quickly
- Shaping ensures a secure grip when mounting and swivelling out 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 stays and slide hammers

OPERATION

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

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

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

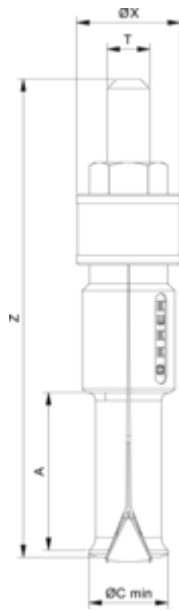
Operation with slide hammer: Screw the slide hammer rod onto the wedge spindle of the internal extractor

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

MASTER DATA

GTIN	4021176010811
Country of origin	DE
Material	Tool steel
Series	21
Net weight [kg]	0,11 kg
Gross weight [kg]	
Package contents	1 piece
Packaging Act	PAP 21

2-shell internal extractor



Abbreviation	Attribut	Wert
Z	Total height [mm]	96 mm
S1	Width across flats [mm]	13 mm
S2	Width across flats [mm]	
Emin	Span inside pull-out (min.) [mm]	12 mm
Emax	Span inside pull-out (max.) [mm]	16 mm
Fmax	Max. tractive force [t]	
Fmax	Max. tensile force [kN]	
X	Diameter of the extractor [mm]	17 mm
T	Mounting thread [nominal dimension]	M7
A	Insert depth [mm]	25 mm

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