21-90 3-shell internal extractor with spread 100 mm - 200 mm, 175 mm insertion depth





APPLICATION IMAGE



DESCRIPTION

The internal extractors of series 21 are used to pull internal bearings, outer bearing rings and sockets in craft, workshop and industry. The multi-shell design of the internal extractors with their extra large gripping edges allows the safe pulling of internal parts. Series 21 convinces with its compatibility and range of applications. Depending on the application, there are numerous variants of the optionally 2- or 3-shell internal extractors. They are used either together with counter stays or with sliding hammers.

APPLICATION AREA

To extract inner bearings, outer bearing rings, and bushings in craft, workshop, and industry.

BENEFIT

- The robust construction and built-in spindle stop not only ensure strong but also safe work.
- Due to the extraordinary clamping force and the mechanical spindle, even bearings that are closely seated on the back wall are securely and quickly removed.
- The design of bearings or inner rings that form a blind hole ensures a secure grip during mounting and turning out.
- The thread adapters for internal extractors are included with the counter stays and sliding hammers.

OPERATION

- Determine the inner diameter of the ball bearing and select the appropriate internal puller
- Insert the internal puller into the hole and tighten the locking nut
- If a support surface is available, choose the counter stay; otherwise, select the sliding hammer

Operation with counter stay:

- Support the counter stay on the housing and screw it onto the wedge spindle of the internal puller
- Hold the handle of the counter stay and safely pull out the bearing by tightening the nut
- Retighten the locking nut while pulling out

Operation with sliding hammer:

- Screw the sliding hammer rod onto the wedge spindle of the internal puller
- Use the sliding hammer with a striking motion to pull out the bearing

MASTER DATA

GTIN [GTIN]	4021176012068
Country of origin	DE
Material	Tool steel
Series	21
Gross weight [kg]	6,58 kg
Package contents	1 piece
Packaging Act	PAPPE PAP 21
Worldwide sales capability	Yes (REACH, RoHS, POP, PROP65, TSCA)

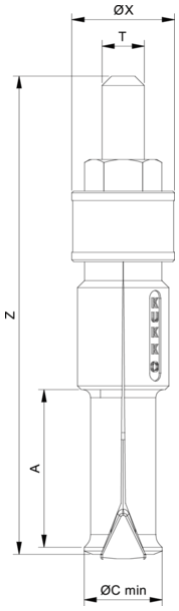
SUITABLE FOR

- 22-0-50_Sliding Hammer Device with 5 kg Impact Weight
- 22-5_Counter stay

SPARE PARTS

- 021090_Set (3) extractor sockets
- 21-90-33_2 spreader (set)
- 21-90-6_spindle
- 21-90-T
- GA12-34_adapter
- VM34-34_connecting nut for thread inserts lg R3/4" / lg R3/4"

3-shell internal extractor with spread 100 mm - 200 mm, 175 mm insertion depth



Abbreviation	Attribut	Wert
Z	Total height [mm]	225 mm
S1	Width across flats [mm]	41 mm
Emin	Span inside pull-out (min.) [mm]	100 mm
Emax	Span inside pull-out (max.) [mm]	200 mm
X	Diameter of the extractor [mm]	110 mm
T	Mounting thread [mm]	G 3/4



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