

21-90 3-jaw internal extractor with clamping range 100 mm - 200 mm, 175 mm insertion depth



APPLICATION IMAGE



DESCRIPTION

The internal extractors of series 21 are used for extracting internal bearings, bearing outer rings, and bushings in crafts, workshops, and industry. The multi-shell design of the internal extractors with their extra-large gripping edges allows for the safe extraction of internal parts. Series 21 impresses with its compatibility and variety of applications. Depending on the application, there are numerous variants of the optional 2-jaw or 3-jaw 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

- Due to the robust construction and an integrated spindle stop, not only strong but also safe work is guaranteed.
- Due to the exceptional tension force and the mechanical spindle, even bearings sitting close to the back wall are pulled out quickly and safely
- Formgebung sorgt bei Lagern oder Innenringen, die ein Sackloch bilden, für ein sicheres Greifen beim Aufsitzen und Ausschwenken
- 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 choose the appropriate internal extractor
- Insert the internal extractor into the bore and tighten the clamping nut
- If a support surface is available, select the counter stay, otherwise choose the slide hammer

Operation with counter stay:

- Support the counter stay on the housing and screw it onto the internal extractor's wedge spindle
- Hold the handle of the counter stay and safely pull out the bearing by tightening the nut
- Tighten the clamping nut again during extraction

Operation with slide hammer:

- Screw the slide hammer bar onto the internal extractor's wedge spindle
- Use the slide hammer with a striking motion to pull out the bearing

MASTER DATA

GTIN [EAN]	4021176012068
Country of origin	DE
Case material	Tool steel
Series	21
Net weight [kg]	6,58 kg
Package contents	1 piece
Packaging Act	PAP 21
Global sales capability given	Yes (REACH, RoHS, POP, PROP65, TSCA)

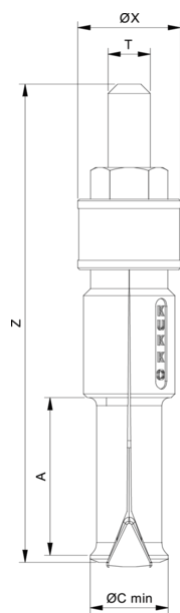
SUITABLE FOR

- 22-0-50_Slide hammer device with 5 kg impact weight
- 22-5_Counter stay

SPARE PARTS

- 021090_Set (3) Pull-out trays
- 21-90-33_2 spreader bodies (set)
- 21-90-6_spreading spindle
- GA12-34_adapter
- VM34-34_Connecting nut for thread inserts lg R3/4" / lg R3/4"

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Abbreviation	Attribut	Wert
Z	Total height [mm]	225 mm
S1	Width across flats [mm]	32 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 [nominal dimension]	G 1/2



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