

# 24-B Ball bearing pull-down and pull-out set



## DETAIL IMAGE



## DESCRIPTION

The ball bearing extractor and puller sets of series 24 are used for extracting bearings, gears, washers and for extracting internal bearings, bearing outer rings and bushes during repairs and maintenance in industry. The set includes internal extractors, counter supports, extractor chucks and external extractors. The multi-shell design of the internal extractors with their extra large gripping edges allows the safe extraction of internal parts, and together with the counter supports, internal parts can thus be safely removed. The extractor chuck makes it possible to extract parts that can be gripped. And the pullers of the 20 series are puller all-rounders that ensure particularly safe, non-destructive dismantling.

## RANGE OF APPLICATION

For extracting bearings, gears, washers as well as internal bearings, bearing outer rings and bushes during repairs and maintenance in industry.

## BENEFIT

- Application-oriented compilation for universal use
- Storage in the box makes it easy to keep track of the completeness of the set
- The 2-arm universal puller can loosen any component that is freely accessible from the outside and ensures slip-proof and precise removal
- The internal extractors, together with the counter-supports, are able to find a suitable answer in many different extraction situations

## OPERATION

**Pulling off from the outside:** Attach the puller hook to the part to be pulled off from the outside

- Slide the claws under the part
- Use a spanner to fix the hooks
- Apply pressure manually to the spindle to fix it
- Move the hexagon at the spindle head with a ratchet or a combination spanner until the component is released

**Pull out the inside:** Determine the inner 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, choose a counter-support, otherwise choose a slide hammer
- 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 clamping nut when pulling out

**Extraction chuck:** Insert the extractor chuck into the bore

- Use the silver clamping ring to tighten the three movable hooks with spring mechanism and pull off the bearing inner ring

## MASTER DATA

GTIN	4021176012891
Country of origin	DE
Material	
Series	24

Net weight [kg]	18 kg
Gross weight [kg]	
Package contents	1 set
Packaging Act	PAP 21

#### SPARE PARTS

- 21-1\_2-shell internal extractors
- 21-2\_2-shell internal extractors
- 21-3\_2-shell internal extractors
- 21-4\_2-shell internal extractors
- 21-5\_2-shell internal extractors
- 21-6\_2-shell internal extractors
- 21-7\_2-shell internal extractors
- 21-8\_2-shell internal extractors
- 22-1\_Counter support
- 22-2\_Counter support
- 43-1\_Handheld 2-arm small parts puller
- 20-1\_2-arm universal puller
- 20-2\_2-arm universal puller
- 23\_Removal chuck for deep groove ball bearing inner rings