

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



## DETAIL IMAGE



## DESCRIPTION

The 16-part ball bearing puller and extractor set 24-C is used for extracting bearings, gears, discs and internal bearings, bearing outer rings and bushes during repairs and maintenance in industry. The set includes internal extractors, counter stays, 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. In combination with the counter stays, internal parts can be safely removed.

## RANGE OF APPLICATION

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

## BENEFIT

- Application-orientated 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 remove any component that is freely accessible from the outside and ensures non-slip and precise removal
- Together with the counter stays, the internal extractors are able to find a suitable answer in a wide range of extraction situations

## OPERATION

- External removal:
- Attach the Pulling hook to the part to be extracted from the outside
  - Slide the claws under the component
  - Use a spanner to fasten the hooks
  - Manually pressurise the spindle for fixing
  - Use a ratchet or combination spanner to move the hexagon on the spindle head until the component is released

- Pull out internally:
- 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
  - 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

- Extraction chuck:
- Insert the extractor chuck into the hole
  - Use the silver clamping ring to tension the three movable hooks with spring mechanism and pull off the bearing inner ring

## MASTER DATA

GTIN [EAN]	4021176012976
Country of origin	DE
Case material	Tool steel
Series	24
Net weight [kg]	23,98 kg
Package contents	1 set
Packaging Act	PAP 21

#### SPARE PARTS

- 20-1\_2-arm universal puller
- 20-2\_2-arm universal puller
- 43-1\_Manual, 2-armed small parts puller
- 22-1\_Counter stay
- 22-2\_Counter support
- 22-4\_Counter support
- 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
- 21-89\_3-shell internal extractors
- 23\_Pull-off chuck for deep groove ball bearing inner rings
- 671519\_Powernut