

# K-20-15 12-piece Universal Puller and Separator Set



## DETAIL IMAGE



## DESCRIPTION

The 12-piece universal puller and separator set of the K-20-15 series is used for hydraulic pulling and separating of ball bearings, roller bearings, inner rings, and other flush-mounted parts in crafts, industry, and workshops. The kit allows for the assembly of 7 different puller models by combining puller jaws and extensions. Together with the separator devices of series 15 and the hydraulic spindle, various construction possibilities arise for optimal use in changing pulling situations.

## APPLICATION AREA

For hydraulic pulling and separating of ball bearings, roller bearings, inner rings, and other flush-mounted parts in craft, industry, and workshop.

## BENEFIT

- Application-oriented assembly for universal use
- By storing it in the box, the completeness of the set can be easily overviewed.
- Depending on the existing extraction situation, it can be easily adjusted and configured for a variety of applications.
- The hydraulic spindle enables gentle and safe extraction.
- The sharp edges of the series 15 enable a pulling action where other pulling methods are inapplicable.
- If the separator jaws of the separator device are screwed into the tensioning device in the opposite direction, the contact surface is enlarged and removed more gently.

## OPERATION

External extraction:

- Attach the jaws to the part to be pulled from the outside
- Slide the claws under the component
- Use a wrench to secure the hooks
- Manually pull the spindle to fix it under pressure
- Move the hexagon drive (male) on the spindle head with a ratchet or a ring spanner until the component is loosened

Separation:

- Press the sharp edges of the separator behind the part
- Tighten the separating jaws by operating the pressure spindle and ensure that the separating knife is fully seated under the part to be pulled
- Screw the side screw of the extractor device fully into the threaded holes of the separator
- Hold the separating device and carefully pull off the relevant part by tightening the lock nut

## MASTER DATA

GTIN [EAN]	4021176367311
Country of origin	DE
Case material	Tool steel
Series	K-20-15
Net weight [kg]	21,61 kg
Package contents	1 set
Packaging Act	PAP 21

Global sales capability given

Yes (REACH, RoHS, POP, PROP65, TSCA)

#### SPARE PARTS

- 015210\_Side bolt with nut
- 1-190-E\_1 jaws (single)
- 1-190-P\_Standard-jaws
- 1-192-P\_Quick adjustable standard jaws (pair)
- 1-90-E\_1 puller (single)
- 1-90-P\_standard jaws
- 15-2\_separator
- 18-2\_extracting device
- 2-150-E\_1 jaws (single)
- 2-150-P\_standard jaws
- 2-300-E\_1 jaws (single)
- 2-300-P\_standard jaws
- 2-302-P\_Quick adjustment standard jaws (pair)
- 20-1\_2-jaw universal puller
- 20-1-T\_Crossbar for 20-1
- 20-1+\_2-jaw universal puller with quick-adjustable puller jaws
- 20-2\_jaw universal puller
- 20-2-T\_Crossbar for 20-2
- 20-2+\_2-jaw universal puller with quickly adjustable puller jaws
- 600-17\_Universal pressure piece set (3-piece)
- 614160\_Mechanical pressure spindle
- 621220\_Mechanical pressure spindle
- 8-0-621\_hydraulic spindle
- 9-2\_Hydraulic additional press
- 9-2-ERS\_Wear part set