

# K-20-15 12-piece universal puller and separator set



## DETAIL IMAGE



## DESCRIPTION

The 12-piece universal puller and separator set from series K-20-15 is used for the hydraulic pulling and separation of ball bearings, roller bearings, inner rings, and other flush-mounted parts in craftsmanship, industry, and workshops. The kit enables the assembly of 7 different puller models by combining pulling jaws and extensions. Together with the separators from series 15 and the hydraulic spindle, a variety of construction possibilities arise for optimal use in varying pulling situations.

## RANGE OF APPLICATION

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

## BENEFIT

- Application-focused compilation for universal use
- By storing them in the box, the completeness of the set can be easily viewed.
- Depending on the present pulling situation, simply adjustable and configurable for a variety of applications
- The hydraulic spindle enables force-amplifying and safe pulling
- The sharp cutting edges of series 15 allow for pulling, where other types of pullers are unapplicable.
- If the separating jaws of the separator are screwed the other way around into the tightening device, the contact surface is enlarged and pulled off more gently

## OPERATION

**External extraction:** Attach the pulling jaw from the outside to the part to be pulled

- Slide the claws under the component
- Use a wrench to secure the jaws
- 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 released

**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 sits firmly under the part to be pulled
- Screw the side screws of the puller into the threaded holes of the separator until they reach the end stop
- Hold the separator firmly and carefully pull off the part by tightening the lock nut securely

## 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 pulling jaw (single)
- 1-190-P\_Standard pulling jaw
- 1-192-P\_Quick-adjusting standard jaws (Pair)
- 1-90-E\_1 pulling jaw (single)
- 1-90-P\_Standard pulling jaw
- 15-2\_Separator
- 18-2\_Puller
- 2-150-E\_1 pulling jaw (single)
- 2-150-P\_Standard pulling jaw
- 2-300-E\_1 Pulling jaw (single)
- 2-300-P\_Standard pulling jaw
- 2-302-P\_Quick adjustment standard jaws (pair)
- 20-1\_2-jaw universal puller
- 20-1-T\_Cross beam for 20-1
- 20-1+\_2-jaw universal puller with quick adjustment pulling jaws
- 20-2\_2-jaw universal puller
- 20-2-T\_Cross beam for 20-2
- 20-2+\_2-jaw universal puller with quick adjustment pulling jaws
- 600-17\_Universal pressure piece set (3-piece)
- 614160\_Mechanical spindle
- 621220\_Mechanical spindle
- 8-0-621\_Hydraulic spindle
- 9-2\_Hydraulic additional press
- 9-2-ERS\_Wear part kit