

Application

Use to dismount deep groove ball bearings in so called blind housings, i.e. when access is denied to grip on the outer ring or through the bore.

Description

The TMBP 20 is connected to the bearing by special adapters which are inserted between the balls and rotated 90° to provide a sturdy grip. To do this, a section on the ball cage has to be opened. The adapters are then connected through rods to the beam to which the centre spindle is attached. This kit is supplied in a sturdy carrying case.



Technical data

Designation	TMBP 20
Suitable bearings	6021-6032 / 6213-6230 / 6309-6321 / 6406-6417
Effective length of arms (L)	600 mm (24 in)
Overall puller spread	60-210 mm (2.4-8.3 in)
Adapter diameters	16-32 mm (0.6-1.3 in)
Total weight	9 kg (20 lb)
Dimensions of case	410 x 320 x 125 mm (16 x 13 x 5 in)

Operating instructions

1. Remove seal and open a section of the ball cage. Clean the swarf out.
2. Insert the appropriate bearing adapter and rotate it 90° to achieve a positive grip within the bearing race.
3. Prepare the opposite cage area in the same manner. Insert the second adapter. Connect both adapters to the main rod. Assemble beam and spindle. Start extracting.



Part Identification

No.	Designation	Description
1	TMBP 20-1K	Beam
2		Spindle (incl. thrust nut and nose piece)
3		Main rods (2) incl. nuts and washers
4, 5	TMBP 20-2K	Extension rods - 195 mm (7.7 in) (2) / Extension rods - 295 mm (11.6 in) (2)
6, 7, 8	TMBP 20-3K	Bearing adapters no. 7 (2) / Bearing adapters no. 8 (2) / Bearing adapters no. 9 (2)
9, 10, 11	TMBP 20-4K	Bearing adapters no. 10 (2) / Bearing adapters no. 11 (2) / Bearing adapters no. 12 (2)

