

Blind housing puller kit TMBP 20E



Removes bearing without dismantling machinery

The TMBP 20E is an adapter type puller for dismantling deep groove ball bearings in blind housings (i.e. when accessing the ball bearing is not possible through the outer ring or through the bore) with shaft dimensions between 30 mm and 160 mm (1.18 in and 6.3 in). The use of extension rods allows a long reach of up to 583 mm (23 in).

- With 6 sets of adaptors, a wide range of deep groove ball bearings can be dismantled
- New ball adapters are more durable
- Spanner stop function on spindle for easy and safe handling
- Special nose piece helps in minimizing damage to shaft and improves puller stability
- Nosepiece with self-locking function

Operating instructions blind bearing puller kit TMBP 20E



1. Remove seal and open selected section of ball cage. Clean the swarf out.
2. Insert appropriate bearing adapter and rotate it 90° to achieve a firm grip within the bearing raceway
3. Insert the second adapter into prepared area diametrically opposed.

Technical data

Designation	Blind bearing puller TMBP 20E
Arm length	183 mm (7.2 in)
Extension piece length	200 mm (7.9 in)
Maximum arm length (incl. extension pieces)	583 mm (23.0 in) for adapter F
Maximum pulling force	55 kN (6.2 ton US)
Maximum torque	155 Nm (114 lbf ft)
Spindle head AF size	22 mm
Dimensions of case	395 × 300 × 105 mm (15,5 × 11,8 × 4,1 in)
Weight	7,5 kg (16.5 lb)

Set contents	Adapters size A to F (2 pcs each) 2 x main rods (with nut support rings and nuts) 4 x extension rods Spindle Nose piece for spindle Beam IFU card Carrying case
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Accessories	
TMBA G11W	Gloves
LGEV 2/0.0035	Spindle grease
TMMX 280	Puller protection blanket

Selection chart TMBP 20E						
Bearing adapter	A	B	C	D	E	F
Spanner size for mounting	9 mm	11 mm	14 mm	15 mm	17 mm	19 mm
Ball adapter size	16 mm	19 mm	23,5 mm	26,5 mm	28 mm	30 mm
Bearing series						
60..	6021 6022 6024	6026 6028 6030	6032			
62..	6213 6214 6215 6216	6217 6218	6219 6220	6221	6222 6224 6226 6228 6230 6232	
63..	6309	6310 6311 6312	6313 6314 6321	6315 6316	6317 6318	6319 6320
64..	6406	6407 6408 6409	6410	6411 6412	6413	6414 6415 6416 6417 6418
160..		16026 16028 16030 16032				

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