

Application

The blind housing puller TMMD 61 is a special puller for dismounting of deep groove ball bearings with an interference on both rings.

Description

The kit comprises two centre screws, six sets of three puller arms each made of high-tensile alloy steel and a puller handle. The centre screws and the arms are hardened and blackened. For easy identification the arms are provided with colour codes. All parts are clearly arranged in a practical case. A selection chart and instructing pictures are included with each unit.



The TMMD 61 suits the following bearing series and sizes:

Bearing designation	Shaft diameter	
	mm	inch
6000 - 6020	10-100	0.4-3.9
6200 - 6217	10-85	0.4-3.3
6300 - 6313	10-65	0.4-2.6
6403 - 6410	17-50	0.7-2.0

Technical data

Designation	TMMD 61
Effective arm length (L)	A1 - 140 mm (5.5 in) A2 - 140 mm (5.5 in) A3 - 140 mm (5.5 in) A4 - 170 mm (6.7 in) A5 - 170 mm (6.7 in) A6 - 170 mm (6.7 in)
Spindle hexagon heads (AF)	TMMD M12 - 19 mm / TMMD M16 - 24 mm
Weight	3,2 kg (7 lb)
Dimensions	315 x 250 x 70 mm (12.4 x 9.8 x 2.8 in)

Replacement parts

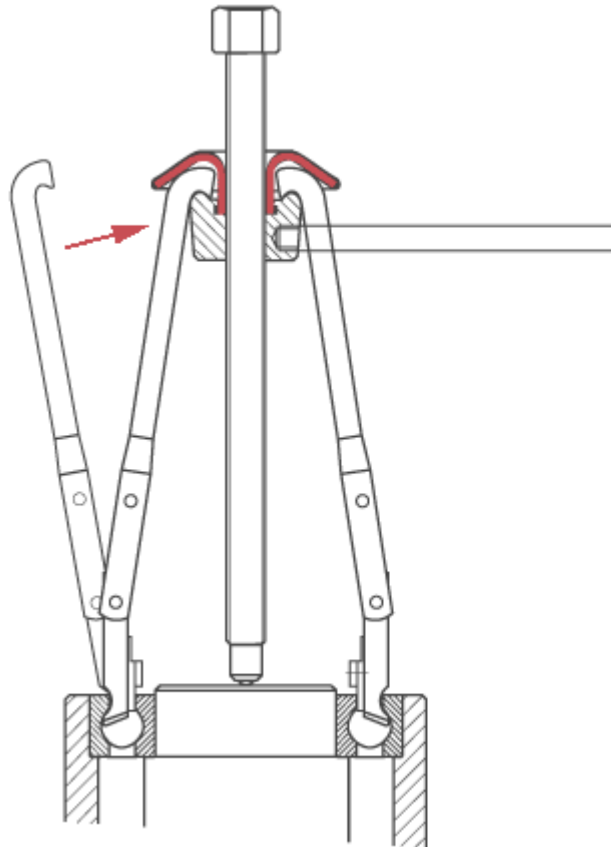
TMMD A1	Puller arm
TMMD A2	Puller arm
TMMD A3	Puller arm
TMMD A4	Puller arm
TMMD A5	Puller arm
TMMD A6	Puller arm
TMMD M12	Centre screw, nut, handle
TMMD M16	Centre screw, nut, handle

Operating instructions

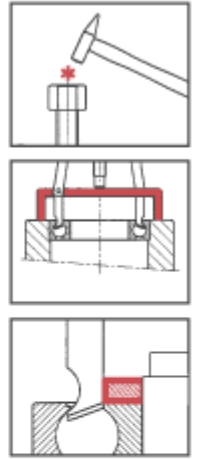
1. Select arms and spindle with the aid of the selection chart.
2. Make sure arms are spread over the bearing as per chart below.
3. Attach the arms to the spindle nut. For easy assembly the spindle nut is provided with an elastic locking ring that keeps the arms in correct position during installation.
4. After inserting the handle in the spindle nut the bearing can easily be dismounted with a spanner (AF19 or AF 24)
5. The two largest arm sets are provided with locking plates which rest against the inner ring of the bearing preventing the arm tip from slipping out of the raceway.

60..	62..	63..	64..		
6000 6001 6002 6003	6200			TMMD A1	TMMD M12
6004 6005 6006	6201 6202 6203			TMMD A2	
6007 6008 6009 6010	6204 6205	6300 6301 6302		TMMD A3	
6011 6012 6013	6206	6303 6304		TMMD A4	TMMD M16
6014 6015 6016 6017	6207 6208 6209 6210 6211	6305 6306 6307	6403	TMMD A5	
6018 6019 6020	6212 6213 6214 6215 6216 6217	6308 6309 6310 6311 6312 6313	6404 6405 6406 6407 6408 6409 6410	TMMD A6	

Balls	X	Y		X	Y	Balls
6	2	2		4	4	12
7	3	1		5	3	13
8	3	2		5	4	14
9	3	3		5	5	15
10	4	2		6	4	16
11	4	3				



Trouble shooting



TMMD A6

