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Reversible jaw pullers

Versatile and robust pullers for internal and external pulling jobs

The multi-purpose SKF Reversible Jaw Pullers are suitable for internal and external pulling of bearings and other components, such as gears and pulleys. The standard range of eight pullers can accommodate a wide range of bearing and component sizes. Adding extra versatility to the TMMR..F puller programme, the four largest sizes are also available with extra long arms as a standard option (TMMRXL). The extra long arms help to dismount bearings and components placed far from the shaft end. For more versatility, the extra long arms can be further extended by adding extension pieces.

- An essential and versatile tool for every workshop allows for external and internal pulling applications
- Self-locking arms for easy adjustment of width of grip
- Hexagonal head on beam enables rotation of puller and bearing during dismounting, improving ease of use
- Wide gripping range from 23 mm (0.9 in.) internal to 350 mm (13.8 in.) external, enables many bearings and components to be dismounted
- Unlike many similar pullers, the pullers can be used up to their full rated load capacity without permanently deforming the puller arms
- Arms and beam are chrome plated for enhanced corrosion resistance and easy cleaning
- The extra long arm extension pieces, designed to be easy to fit and remove, can be used to further increase the effective arm length. Using extension pieces does not compromise the overall puller strength
- The SKF Reversible Jaw Pullers are also available as a complete set of eight standard pullers on a workshop stand

External pull fig 1)

Internal pull (fig 2)

Reversible jaw puller TMMR.. F series (fig 3)

Reversible jaw puller TMMR.. XL series (fig 4)

Complete kit of eight standard arm TMMR F pullers on a puller stand (TMMR 8F) (fig 5)

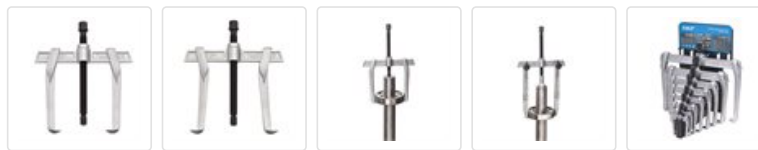


fig 1

fig 2

fig 3

fig 4

fig 5

Hexagonal head on beam enables rotation of puller and bearing during dismounting, improving ease of use. (fig 6)

Unlike many similar pullers, the spindle tip cone rotates. This helps reduce the risk of shaft damage, enhances stability and helps reduce the applied torque to reach the required pulling force. (fig 7)

Hexagonal head on spindle with a flange, helps prevent the spanner from slipping during operation. (fig 8)

Extra long arm pullers have fixing screws to aid the initial positioning of the arms. When a pulling effort is applied, a self locking feature secures the arm position on the beam. (fig 9)

A unique retractable spring-loaded nose piece is supplied with the extra long arm pullers, which enhances the overall puller stability and safety. (fig 10)

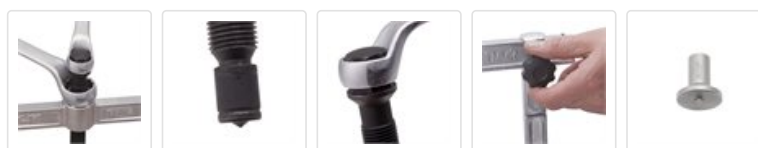


fig 6

fig 7

fig 8

fig 9

fig 10

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Product data sheet
Reversible jaw puller ...
(443 KB)

Instructions for use TMMR F
and XL series (4.9 MB)

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Dimensions						
Designation	Width of grip External pull (D)		Width of grip Internal pull (d)		Effective arm length (L)	
	mm	in.	mm	in.	mm	in.
TMMR 40F	23-48	0.9-1.9	59-67	2.3-2.6	67	2.6
TMMR 60F	23-68	0.9-2.7	62-87	2.4-3.4	82	3.2
TMMR 80F	41-83	1.6-3.3	95-97	3.7-3.8	98	3.9
TMMR 120F	41-124	1.6-4.9	95-139	3.7-5.5	124	4.9
TMMR 160F	68-164	2.7-6.5	114-163	4.5-6.4	143	5.6
TMMR 200F	65-204	2.6-8.0	114-204	4.5-8.0	169	6.7
TMMR 250F	74-254	2.9-10.0	132-254	5.2-10.0	183	7.2
TMMR 350F	74-354	2.9-13.9	135-354	5.3-13.9	238	9.4
TMMR 160XL	42-140	1.7-5.5	121-188	4.8-7.4	221	8.7
TMMR 200XL	42-180	1.7-7.1	121-228	4.8-9.0	221	8.7
TMMR 250XL	44-236	1.7-9.3	123-284	4.8-11.2	221	8.7
TMMR 350XL	44-336	1.7-13.2	123-384	4.8-15.1	221	8.7

Accessories	
Designation	Description
TMMR 16/35XL-4	Extension arms set for the TMMR.. XL
TMMR 16/20XL-1	Extra long arm set to convert TMMR 160F and TMMR 200F to XL version
TMMR 25/35XL-1	Extra long arm set to convert TMMR 250F and TMMR 350F to XL version

Technical data (metric)			
Designation	Max. withdrawal force	Max. torque	Weight
	kn	Nm	kg
TMMR 40F	17	22	0,3
TMMR 60F	17	22	0,4
TMMR 80F	40	75	1,0
TMMR 120F	40	75	1,2
TMMR 160F	50	115	2,3
TMMR 200F	50	115	2,6

TMMR 250F	60	160	4,4
TMMR 350F	60	160	5,2
TMMR 160XL	50	115	3,5
TMMR 200XL	50	115	3,7
TMMR 250XL	60	160	4,7
TMMR 350XL	60	160	5,2

Technical data (imperial)			
Designation	Max. withdrawal force	Max. torque	Weight
	ton (US).	lbf.	lb
TMMR 40F	1.9	16.2	0.7
TMMR 60F	1.9	16.2	0.8
TMMR 80F	4.5	55.3	2.2
TMMR 120F	4.5	55.3	2.6
TMMR 160F	5.6	84.8	5.2
TMMR 200F	5.6	84.8	5.8
TMMR 250F	6.7	118.0	11.4
TMMR 350F	6.7	118.0	7.7
TMMR 160XL	5.6	84.8	8.2
TMMR 200XL	5.6	84.8	10.4
TMMR 250XL	6.7	118.0	11.5
TMMR 350XL	6.7	118.0	5,2

Claw dimensions						
Designation	Claw width		Claw length		Claw height	
	mm	in.	mm	in.	mm	in.
TMMR 40F	13	0.51	6	0.24	4	0.16
TMMR 60F	13	0.51	6	0.24	4	0.16
TMMR 80F	19	0.75	14	0.55	7	0.28
TMMR 120F	19	0.75	14	0.55	7	0.28
TMMR 160F	22	0.87	18	0.71	9	0.35
TMMR 200F	22	0.87	18	0.71	9	0.35
TMMR 250F	28	1.10	22	0.87	10	0.39
TMMR 350F	28	1.10	22	0.87	10	0.39
TMMR 160XL	25	0.98	16	0.63	8,5	0.33
TMMR 200XL	25	0.98	16	0.63	8,5	0.33
TMMR 250XL	25	0.98	16	0.63	8,5	0.33
TMMR 350XL	25	0.98	16	0.63	8,5	0.33

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