

Application

The TMM series of pullers is available in three sizes to provide a withdrawal force of either three, five or eight tonnes. They are designed to extract mechanical components by gripping onto the circumference, a so called external pull. The width of grip varies from 36 mm (1.4 inch) to 250 mm (9.8 inch) depending on type.

The TMM 8 can also be used with the hydraulic spindle TMHS 8 or the hydraulic ram TMHR 8 connected to the TMJA 70E. This enables the maximum withdrawal force to be generated with less physical effort.

Description

The TMM series of pullers is unique to SKF. The arms and the spindle are made of high quality steel with a blackened finish. The arms are opened by simply squeezing the two ergonomically designed spring loaded red rings together.

The puller arms are then placed on the component to be dismantled and when the pressure on the springs is released, the arms self lock onto the component. Safety has been built into the puller by the use of a shear pin on one of the legs. If excessive force is used, then the shear pin breaks in a safe and controlled manner helping to ensure that the puller is not ejected with force. The shear pin also helps ensure that the arms are not damaged during use and every puller is supplied with three spare sets of shear pins.

The puller has three arms with replaceable claws and the spindle is delivered with two nose pieces with a centre nib to allow self centering on most shaft applications. The spindle shaft and the top of the puller are fitted with hexagonal heads to prevent the puller rotating during use.

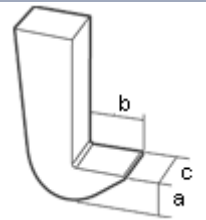
A tube of LGEV 2 grease for the spindle is included.



Technical data

Designation	No. of arms	Width of grip (D)		Effective arm length (L)		Maximum withdrawal force (F)		Maximum torque (T)		Weight	
		mm	inch	mm	inch	kN	lbf	Nm	lbf ft	kg	lb
TMM 3	3	36-150	1.4-5.9	150	5.9	30	6.750	50	37	4,0	8.8
TMM 5	3	52-200	2.0-7.9	200	7.9	50	11.250	125	92	5,4	11.9
TMM 8	3	75-250	3.0-9.8	250	9.8	80	18.000	215	158	10,9	24.0

Designation	Claw height (a)		Claw length (b)		Claw width (c)		Spindle hexagonal head (AF)	Adapter hexagonal head (AF)	Spindle thread	Adapter thread
	mm	inch	mm	inch	mm	inch				
TMM 3	5	0.2	10	0.4	20	0.8	17	24	Tr 16x2	-
TMM 5	6	0.2	13	0.5	28	1.1	22	27	Tr 20x2	UN 1,25 in 12 tpi
TMM 8	9	0.35	20	0.8	40	1.6	24	32	Tr 24x3	UN 1,50 in 16 tpi



Replacement parts

Designation	Description
TMM 3-1	Safety pin set (3x)
TMM 5-1	Safety pin set (3x)
TMM 8-1	Safety pin set (3x)
TMM ...-1K	Spindle assembly and nose piece big, two sizes nose piece
TMM ...-2K	Opening mechanism and turret
TMM ...-2	Arm assembly
TMM ...-3	Claw (3x)

