

Application

Axial lock nut sockets are used to mount bearings on tapered journals or adapter sleeves and for dismounting bearings on withdrawal sleeves. In both cases this is done with the aid of a lock nut. The lock nut sockets are available in 21 different sizes suitable for bearings with a bore diameter between 10 and 100 mm.

Description

The axial lock nut sockets are deep forged out of hardened steel and fit a particular nut size as per the table below (KM, KMK nuts). They offer an alternative to the [hookspanners](#) and make the use of power tools or torque wrenches possible. Sockets for larger lock nuts and deeper sockets are available on request.

Note

For improved connection to power tools use suitable locking pins and retaining rings.



Technical data

Designation	Dimensions						Connection	Weight		Suitable for nuts of series KM, KMK	
	d		D		h			C	kg		lb
	mm	inch	mm	inch	mm	inch					
TMFS 0	18	0.7	22,0	0.9	45	1.8	3/8	0,10	0.22	0	
TMFS 1	22	0.9	28,0	1.1	45	1.8	3/8	0,10	0.22	1	
TMFS 2	25	1.0	33,0	1.3	61	2.4	1/2	0,20	0.44	2	
TMFS 3	28	1.1	36,0	1.4	61	2.4	1/2	0,24	0.53	3	
TMFS 4	32	1.3	38,0	1.5	58	2.3	1/2	0,28	0.62	4	
TMFS 5	38	1.5	46,0	1.8	58	2.3	1/2	0,38	0.84	5	
TMFS 6	45	1.8	53,0	2.1	58	2.3	1/2	0,42	0.93	6	
TMFS 7	52	2.0	60,0	2.4	58	2.3	1/2	0,45	1.00	7	
TMFS 8	58	2.3	68,0	2.7	58	2.3	1/2	0,61	1.35	8	
TMFS 9	65	2.6	73,5	2.9	63	2.5	3/4	0,80	1.76	9	
TMFS 10	70	2.8	78,5	3.1	63	2.5	3/4	0,85	1.87	10	
TMFS 11	75	3.0	83,5	3.3	63	2.5	3/4	0,90	1.98	11	
TMFS 12	80	3.1	88,5	3.5	63	2.5	3/4	1,00	2.21	12	
TMFS 13	85	3.3	94,0	3.7	63	2.5	3/4	1,10	2.43	13	
TMFS 14	92	3.6	103,0	4.1	80	3.2	1	2,20	4.85	14	
TMFS 15	98	3.9	109,0	4.3	80	3.2	1	2,30	5.07	15	
TMFS 16	105	4.1	116,0	4.6	80	3.2	1	2,45	5.39	16	
TMFS 17	110	4.3	121,0	4.8	80	3.2	1	2,60	5.73	17	
TMFS 18	120	4.7	131,0	5.2	80	3.2	1	2,90	6.39	18	
TMFS 19	125	4.9	137,0	5.5	80	3.2	1	3,05	6.73	19	
TMFS 20	130	5.1	143,0	5.7	80	3.2	1	3,30	7.28	20	

The technical drawing illustrates the dimensions of the TMFS nut. The side view shows the overall height h and the outer diameter D. The top view shows the inner diameter d and the width of the nut body C. The drawing is a line drawing with dashed lines indicating hidden internal features.

