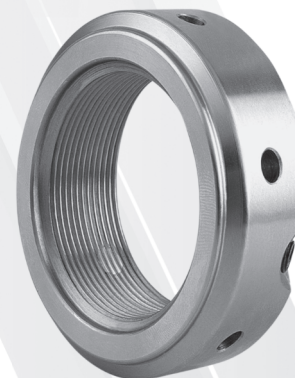


**NUT KMT 0 TO
KMT 15**



**NUT KMT 16 TO
KMT 68**



NUT KMTA

PRECISION NUTS **KMT, KMTA**

KMT and KMTA precision lock nuts are used to mount bearings to machinery and equipment requiring extreme precision, such as lathes, milling machines, engines, grinding wheels, blocking valves and devices such as spindles and ball screws.

These precision lock nuts have three locking pins equally distributed around their circumference, these pins are pressed against the shaft by scrub bolts. The end face of each pin is machined to match the shaft thread and avoid axial loads, enabling locking these nuts on the exact position required.

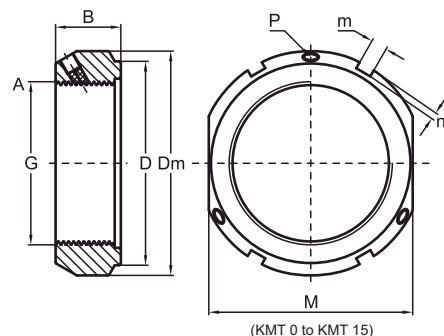
The main difference between KMT and KMTA is the form of nut tightening. The KMT can be mounted with a hook spanner or a fork wrench, while KMTA is assembled with a head wrench.

Material: Carbon steel.

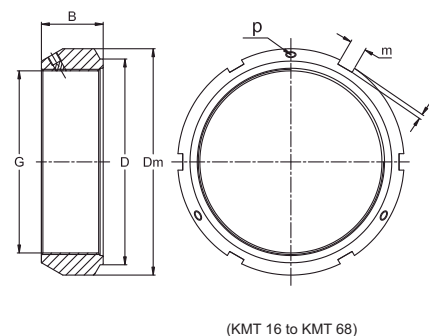
Surface treatment: Phosphate coating.

Optional: Stainless steel.

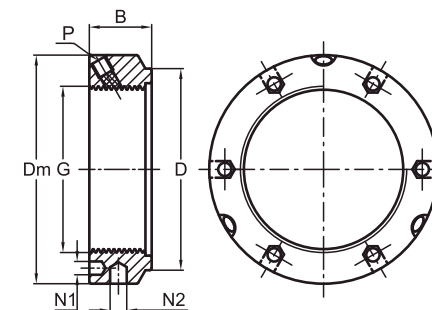
PRECISION NUTS



KMT



KMT



KMTA

Part Number	G*	Dm (mm)	D (mm)	B (mm)	m (mm)	n (mm)	M (mm)	N1 (mm)	N2 (mm)	P	Fixing Torque (Nm)	Weight (Kg)	Hook Spanner	Basic Axial Static Load Capacity (kN)
KMT 0	M10x0,75	28	23	14	4	2	24	-	-	M5	4,5	0.045	HN 3	35
KMT 1	M12x1	30	25	14	4	2	27	-	-	M5	4,5	0.055	HN 3	40
KMT 2	M15x1	33	28	16	4	2	30	-	-	M5	4,5	0.07	HN 4	60
KMT 3	M17x1	37	33	18	5	2	34	-	-	M6	8	0.1	HN 5	80
KMT 4	M20x1	40	35	18	5	2	36	-	-	M6	8	0.105	HN 5	90
KMT 5	M25x1,5	44	39	20	5	2	41	-	-	M6	8	0.135	HN 6	130
KMTA 5	M25x1,5	42	26	20	-	-	-	4.3	4	M6	8	0.125		130
KMT 6	M30x1,5	49	44	20	5	2	46	-	-	M6	8	0.15	HN 6	160
KMTA 6	M30x1,5	48	32	20	-	-	-	4.3	5	M6	8	0.15		160
KMTA 7	M35x1,5	53	38	20	-	-	-	4.3	5	M6	8	0.175		190
KMT 7	M35x1,5	54	49	22	5	2	50	-	-	M6	8	0.19	HN 7	190
KMT 8	M40x1,5	65	59	22	6	2.5	60	-	-	M8	18	0.27	HN 9	210
KMTA 8	M40x1,5	58	42	22	-	-	-	4.3	5	M6	8	0.2		210
KMT 9	M45x1,5	70	64	22	6	2.5	65	-	-	M8	18	0.29	HN 10	240
KMTA 9	M45x1,5	68	48	22	-	-	-	4.3	6	M6	8	0.285		240
KMTA 10	M50x1,5	70	52	24	-	-	-	4.3	6	M6	8	0.29		300
KMT 10	M50x1,5	75	68	25	7	3	70	-	-	M8	18	0.4	HN 11	300
KMTA 11	M55x1,5	75	58	24	-	-	-	4.3	6	M6	8	0.315		340
KMT 11	M55x2	85	78	25	7	3	80	-	-	M8	18	0.49	HN 13	340
KMTA 12	M60x1,5	84	62	24	-	-	-	5.3	6	M8	18	0.42		380
KMT 12	M60x2	90	82	26	8	3.5	85	-	-	M8	18	0.545	HN 13	380
KMTA 13	M65x1,5	88	68	25	-	-	-	5.3	6	M8	18	0.44		460
KMT 13	M65x2	95	87	28	8	3.5	90	-	-	M8	18	0.635	HN 14	460
KMTA 14	M70x1,5	95	72	26	-	-	-	5.3	8	M8	18	0.58		490
KMT 14	M70x2	100	92	28	8	3.5	95	-	-	M8	18	0.68	HN 15	490
KMTA 15	M75x1,5	100	77	26	-	-	-	6.4	8	M8	18	0.55		520
KMT 15	M75x2	105	97	28	8	3.5	100	-	-	M8	18	0.72	HN 16	520
KMTA 16	M80x1,5	110	83	30	-	-	-	6.4	8	M8	18	0.93		620
KMT 16	M80x2	110	100	32	8	3.5	-	-	-	M8	18	0.6	HN 17	620
KMT 17	M85x2	120	110	32	10	4	-	-	-	M10	35	1.1	HN 18	650
KMTA 17	M85x2	115	88	32	-	-	-	6.4	8	M10	35	1.05		650
KMT 18	M90x2	125	115	32	10	4	-	-	-	M10	35	1.265	HN 19	680
KMTA 18	M90x2	120	93	32	-	-	-	6.4	8	M10	35	1.125		680
KMT 19	M95x2	130	120	32	10	4	-	-	-	M10	35	1.205	HN 20	710
KMTA 19	M95x2	125	98	32	-	-	-	6.4	8	M10	35	1.07		710
KMT 20	M100x2	135	125	32	10	4	-	-	-	M10	35	1.26	HN 20	740
KMTA 20	M100x2	130	103	32	-	-	-	6.4	8	M10	35	1.13		740
KMT 22	M110x2	145	134	32	10	4	-	-	-	M10	35	1.505	HN 22	800
KMTA 22	M110x2	140	112	32	-	-	-	6.4	8	M10	35	1.28		800
KMT 24	M120x2	155	144	32	10	4	-	-	-	M10	35	1.625	HN 24	860

Part Number	G*	Dm (mm)	D (mm)	B (mm)	m (mm)	n (mm)	M (mm)	N1 (mm)	N2 (mm)	P	Fixing Torque (Nm)	Weight (Kg)	Hook Spanner	Basic Axial Static Load Capacity (kN)
KMTA 24	M120x2	155	122	32	-	-	-	6.4	8	M10	35	1.725	HN 26	860
KMTA 26	M130x3	165	132	30	-	-	-	6.4	8	M10	35	2	HN 27	920
KMT 26	M130x2	165	154	32	12	5	-	-	-	M10	35	1.57		920
KMT 28	M140x2	175	164	32	14	5	-	-	-	M10	35	1.85	HN 28	980
KMTA 28	M140x3	180	142	32	-	-	-	6.4	10	M10	35	2.125		980
KMT 30	M150x2	185	174	32	14	5	-	-	-	M10	35	1.795		1040
KMTA 30	M150x3	190	152	32	-	-	-	6.4	10	M10	35	2.6	HN 30	1040
KMTA 32	M160x3	205	162	30	-	-	-	8.4	10	M10	35	2.715	HN 31	1100
KMT 32	M160X3	195	184	32	14	5	-	-	-	M10	35	1.89		1100
KMT 34	M170x3	205	194	32	14	5	-	-	-	M10	35	2.035	HN 32-HN 33	1160
KMTA 34	M170x3	215	172	32	-	-	-	8.4	10	M10	35	3.21		1160
KMT 36	M180x3	215	204	32	16	5	-	-	-	M10	35	2.4	HN 34	1220
KMTA 36	M180x3	230	182	32	-	-	-	8.4	10	M10	35	3.44		1220
KMT 38	M190x3	225	214	32	16	5	-	-	-	M10	35	2.255	HN 36	1280
KMTA 38	M190x3	240	192	32	-	-	-	8.4	10	M10	35	4.1		1280
KMT 40	M200x3	235	224	32	18	5	-	-	-	M10	35	2.355	HN 40	1340
KMTA 40	M200x3	245	202	32	-	-	-	8.4	10	M10	35	3.85	HN 44	1340
KMT 44	Tr 220x4	265	254	36	20	10	-	-	-	M10	35	4.2		
KMT 48	Tr 240x4	290	279	38	20	10	-	-	-	M12	60	5.4		
KMT 52	Tr 260X4	310	299	38	20	10	-	-	-	M12	60	6		
KMT 56	Tr 280x4	330	319	40	24	12	-	-	-	M12	60	7.2		
KMT 60	Tr 300x4	360	349	42	24	12	-	-	-	M12	60	9.1		
KMT 64	Tr 320x5	390	379	45	24	12	-	-	-	M12	60	12.7		
KMT 68	Tr 340x5	410	399	48	24	12	-	-	-	M12	60	15.4		