



MITTER FASTENERS



Products	Size				Equivalent Standards			A.N.S.I. / A.S.T.M. / A.S.M.E.	ISO
	mm		inch		IS	DIN	BS		
	Diameter	Length	Diameter	Length					
Hex Bolts & Nuts	M6 to M24	12 to 200	1/2 to 1	1/2 to 8	1363, 1364, 3138, 3757	601, 609, 610, 931, 933	916, 3692, 4190, 14399, 15048	B18.2.1, 18.2.2, A193, A325, A320, A490, F568	4014, 4016, 4017, 4018, 4032, 4034, 4775, 7411, 7412, 7413, 7414, 7417
Hex Nuts	M4 to M75	As per Standard / Drawing	1/4 to 3	As per Standard / Drawing	1363, 1364, 3138	555, 934, 6334	916, 1083, 1768, 3692, 4190	A194, A563	4030, 4034, 4775, 7413, 7414, 7417
Hex Lock Nuts / Thin Nuts	M4 to M75	As per Standard / Drawing	1/4 to 3	As per Standard / Drawing	1363	439	3692, 4185	A563	4035, 4036, 4775, 7413, 7414, 7417
Self Lock Nut -Non Metallic Insert (Hex Nylock Nuts)	M4 to M24	As per Standard / Drawing	1/4 to 1	As per Standard / Drawing	7002	982, 985	4929	B18.6.3	7040, 7041, 10511, 10512
Hex Slotted & Castle Nuts	M6 to M36	As per Standard / Drawing	1/4 to 1.5	As per Standard / Drawing	2232, 5368	935, 936, 937, 979	1083, 1768, 3692	A563	
All Metal Hex /Flange Prevailing Torque / Cleveloc Nuts	M4 to M22	As per Standard / Drawing	1/4 to 3/4	As per Standard / Drawing		980, 6924, 6925, 6926	4929 Part-1		7002 / 2320
Hex Weld Nuts	M4 to M18	As per Standard / Drawing	As per Standard / Drawing	As per Standard / Drawing	8856	929			
Square Weld Nuts	M4 to M16	As per Standard / Drawing	As per Standard / Drawing	As per Standard / Drawing	JIS B 1196	928			
Round Weld Nuts	M6 to M14	As per Standard / Drawing	As per Standard / Drawing	As per Standard / Drawing	As per Customer Specification				
Studs	M6 to M24	25 to 200	1/4 to 8	As per Standard / Drawing	1862	938, 939		A320L7 / L7M, A193 Gr B7 / B7M	
Punched / Flat Washers	M3 to M64	As per Standard / Drawing	1/8 to 2.5	As per Standard / Drawing	2016	125	3410, 4320	F436, B18.22	7089, 7090, 7091, 7092, 7093, 7094, 7415, 7415
Spring Washers	M2 to M36	As per Standard / Drawing	1/8 to 1	As per Standard / Drawing	3063, 6735	127	1802, 4464	B18.21.2	
Lock Washers	M3 to M30	As per Standard / Drawing	As per Standard / Drawing	As per Standard / Drawing	2057	2093			
Serrated Washers / Tooth Lock Washers	M3 to M24	As per Standard / Drawing	As per Standard / Drawing	As per Standard / Drawing	5731	6797, 6906, 6907			
Flange Nuts	M4 to M40	As per Standard / Drawing	As per Standard / Drawing	As per Standard / Drawing		6923	JIS B1190		4161