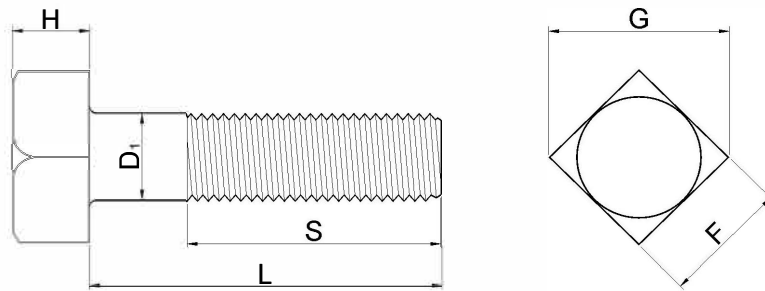


SQUARE BOLT



METRIC (KS B1004, JIS B1182)

(UNIT : mm)

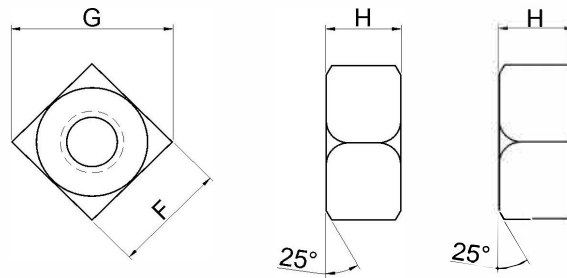
Diameter	Pitch	D ₁		G	F	H	S		L
		Basic	Tol				L≤125	L≤130	
M3	0.5	3	0 -0.1	7.8	5.5	2	12	-	5-32
M4	0.7	4		9.9	7	2.8	14	-	6-40
M5	0.8	5		11.3	8	3.5	16	-	7-50
M6	1	6		14.1	10	4	18	-	7-70
M8	1.25	8	0 -0.15	18.4	13	5.5	22	-	11-100
M10	1.5	10		24	17	7	26	-	14-100
M12	1.75	12	0 -0.2	26.9	19	8	30	36	18-140
M14	2	14		31.1	22	9	34	40	20-140
M16	2	16		33.9	24	10	38	33	22-140
M18	2.5	18		38.2	27	12	42	48	25-200
M20	2.5	20		42.4	30	13	46	52	28-200
M22	2.5	22		45.3	32	14	50	56	28-200
M24	3	24	50.9	36	15	54	60	30-200	

UNIFIED (ANSI B18.2.1)

(UNIT : Inch)

Diameter	D ₁	F		G		H		S	
		Max	Min	Max	Min	Max	Min	L≤6"	L>6"
1/2	0.515	0.750	0.725	1.061	0.995	0.348	0.308	1.250	1.500
5/8	0.642	0.938	0.906	1.326	1.244	0.444	0.400	1.500	1.750
3/4	0.768	1.125	1.088	1.591	1.494	0.524	0.476	1.750	2.000
7/8	0.895	1.312	1.269	1.856	1.742	0.620	0.568	2.000	2.250
1	1.022	1.500	1.450	2.121	1.991	0.684	0.628	2.250	2.500
1.1/8	1.149	1.688	1.631	2.386	2.239	0.780	0.720	2.500	2.750
1.1/4	1.277	1.875	1.812	2.652	2.489	0.876	0.812	2.750	3.000
1.3/8	1.404	2.062	1.994	2.917	2.738	0.940	0.872	3.000	3.250
1.1/2	1.531	2.250	2.175	3.182	2.986	1.036	0.964	3.250	3.500

SQUARE NUT



METRIC (KS B1013, JIS B1163)

(UNIT : mm)

Diameter	D	H	F	G
M12x1.75	12	10	19	26.9
M14x2	14	11	22	34.4
M16x2	16	13	24	33.9
M18x2.5	18	15	27	38.2
M20x2.5	20	16	30	42.4
M22x2.5	22	18	32	45.3
M24x3	24	19	36	50.9

UNIFIED (ANSI B18.2.2)

(UNIT : Inch)

Diameter	F		G		H	
	Max	Min	Max	Min	Max	Min
1/2	0.812	0.788	1.149	1.052	0.458	0.418
5/8	1.000	0.969	1.414	1.300	0.569	0.525
3/4	1.125	1.088	1.591	1.464	0.680	0.632
7/8	1.312	1.269	1.856	1.712	0.792	0.740
1	1.500	1.450	2.121	1.961	0.903	0.847
1.1/8	1.688	1.631	2.386	2.209	1.030	0.970
1.1/4	1.875	1.812	2.652	2.458	1.126	1.062
1.3/8	2.062	1.994	2.917	2.708	1.237	1.169
1.1/2	2.250	2.175	3.182	2.956	1.348	1.276

HEAVY SQUARE NUT (ANSI B18.2.2)

(UNIT : Inch)

Diameter	F		G		H	
	Max	Min	Max	Min	Max	Min
1/2	0.875	0.850	1.237	1.137	0.520	0.464
5/8	1.062	1.031	1.503	1.386	0.647	0.587
3/4	1.250	1.212	1.768	1.635	0.774	0.710
7/8	1.438	1.394	2.033	1.884	0.901	0.833
1	1.625	1.575	2.298	2.132	1.028	0.956
1.1/8	1.812	1.756	2.563	2.381	1.155	1.079
1.1/4	2.000	1.938	2.828	2.631	1.282	1.187
1.3/8	2.188	2.119	3.094	2.879	1.409	1.310
1.1/2	2.375	2.300	3.359	3.128	1.536	1.433