

METRIC THREAD SIZE CHART

EXTERNAL (BOLT THREAD)

ISO Metric Profile			External (Bolt Thread)							
Size mm	Thread Designation	Simple Thread Designation	Pitch mm	Class	Major Diameter		Pitch Diameter		Minor Diameter	
					d=D		d2=D2		d3	
					max.	min.	max.	min.	max.	min.
0.25	M0.25x0.075	M0.25x0.075	0.075	6g	0.25	0.235	0.201	0.187	0.16	0.14
0.3	M0.3x0.08	M0.3x0.08	0.08	6g	0.3	0.284	0.248	0.234	0.204	0.183
0.3	M0.3x0.09	M0.3x0.09	0.09	6g	0.3	0.283	0.242	0.226	0.192	0.17
0.35	M0.35x0.09	M0.35x0.09	0.09	6g	0.35	0.333	0.292	0.277	0.242	0.22
0.4	M0.4x0.1	M0.4x0.1	0.1	6g	0.4	0.382	0.335	0.319	0.28	0.256
0.45	M0.45x0.1	M0.45x0.1	0.1	6g	0.45	0.432	0.385	0.369	0.33	0.306
0.5	M0.5x0.125	M0.5x0.125	0.125	6g	0.5	0.479	0.419	0.401	0.35	0.322
0.55	M0.55x0.125	M0.55x0.125	0.125	6g	0.55	0.529	0.469	0.451	0.4	0.372
0.6	M0.6x0.15	M0.6x0.15	0.15	6g	0.6	0.576	0.503	0.483	0.42	0.388
0.7	M0.7x0.175	M0.7x0.175	0.175	6g	0.7	0.673	0.586	0.564	0.49	0.454
0.8	M0.8x0.2	M0.8x0.2	0.2	6g	0.8	0.77	0.67	0.646	0.56	0.52
0.9	M0.9x0.225	M0.9x0.225	0.225	6g	0.9	0.867	0.754	0.728	0.63	0.586
1	M1x0.25	M1	0.25	6g	0.982	0.915	0.82	0.767	0.711	0.613
1	M1x0.2	M1x0.2	0.2	6g	0.983	0.927	0.853	0.805	0.766	0.682
1.1	M1.1x0.25	M1.1x0.25	0.25	6g	1.082	1.015	0.92	0.867	0.811	0.713
1.1	M1.1x0.2	M1.1x0.2	0.2	6g	1.083	1.027	0.953	0.905	0.866	0.782
1.2	M1.2x0.25	M1.2	0.25	6g	1.182	1.115	1.02	0.967	0.911	0.813
1.2	M1.2x0.2	M1.2x0.2	0.2	6g	1.183	1.127	1.053	1.005	0.966	0.882
1.4	M1.4x0.3	M1.4	0.3	6g	1.383	1.308	1.253	1.193	1.166	1.07
1.4	M1.4x0.2	M1.4x0.2	0.2	6g	1.383	1.327	1.253	1.205	1.166	1.082
1.6	M1.6x0.35	M1.6	0.35	6g	1.581	1.496	1.354	1.291	1.202	1.075
1.6	M1.6x0.3	M1.6x0.3	0.3	6g	1.582	1.507	1.387	1.342	1.257	1.157
1.6	M1.6x0.2	M1.6x0.2	0.2	6g	1.583	1.527	1.453	1.403	1.366	1.28
1.7	M1.7x0.35	M1.7x0.35	0.35	6g	1.681	1.596	1.454	1.391	1.302	1.175
1.8	M1.8x0.35	M1.8	0.35	6g	1.781	1.696	1.554	1.491	1.402	1.275
1.8	M1.8x0.2	M1.8x0.2	0.2	6g	1.783	1.727	1.653	1.603	1.566	1.48
2	M2x0.4	M2	0.4	6g	1.981	1.886	1.721	1.654	1.548	1.408
2	M2x0.25	M2x0.25	0.25	6g	1.982	1.915	1.82	1.764	1.711	1.61
2.2	M2.2x0.45	M2.2	0.45	6g	2.18	2.08	1.888	1.817	1.693	1.54
2.2	M2.2x0.25	M2.2x0.25	0.25	6g	2.182	2.115	2.02	1.964	1.911	1.81
2.3	M2.3x0.45	M2.3x0.45	0.45	6g	2.28	2.18	1.988	1.917	1.793	1.64
2.3	M2.3x0.4	M2.3x0.4	0.4	6g	2.281	2.186	2.021	1.954	1.848	1.708
2.5	M2.5x0.45	M2.5	0.45	6g	2.48	2.38	2.188	2.117	1.993	1.84
2.5	M2.5x0.35	M2.5x0.35	0.35	6g	2.481	2.396	2.254	2.191	2.102	1.975
2.6	M2.6x0.45	M2.6x0.45	0.45	6g	2.58	2.48	2.288	2.217	2.093	1.94
3	M3x0.5	M3	0.5	6g	2.98	2.874	2.655	2.58	2.439	2.272
3	M3x0.35	M3x0.35	0.35	6g	2.981	2.896	2.754	2.687	2.602	2.471
3.5	M3.5x0.6	M3.5	0.6	6g	3.479	3.354	3.089	3.004	2.829	2.635
3.5	M3.5x0.35	M3.5x0.35	0.35	6g	3.481	3.396	3.254	3.187	3.102	2.971
4	M4x0.7	M4	0.7	6g	3.978	3.838	3.523	3.433	3.22	3.002
4	M4x0.5	M4x0.5	0.5	6g	3.98	3.874	3.655	3.58	3.439	3.272
4.5	M4.5x0.75	M4.5x0.75	0.75	6g	4.478	4.338	3.991	3.901	3.666	3.439
4.5	M4.5x0.5	M4.5x0.5	0.5	6g	4.48	4.374	4.155	4.08	3.939	3.772
5	M5x0.8	M5	0.8	6g	4.976	4.826	4.456	4.361	4.11	3.869
5	M5x0.5	M5x0.5	0.5	6g	4.98	4.874	4.655	4.58	4.439	4.272
5.5	M5.5x0.5	M5.5x0.5	0.5	6g	5.48	5.374	5.155	5.065	4.939	4.757
6	M6x1	M6	1	6g	5.974	5.794	5.324	5.212	4.891	4.596

METRIC THREAD SIZE CHART

EXTERNAL (BOLT THREAD)

ISO Metric Profile			External (Bolt Thread)							
Size mm	Thread Designation	Simple Thread Designation	Pitch mm	Class	Major Diameter		Pitch Diameter		Minor Diameter	
					d=D		d2=D2		d3	
					max.	min.	max.	min.	max.	min.
6	M6x0.8	M6x0.8	0.8	6g	5.976	5.826	5.456	5.376	5.11	4.884
6	M6x0.75	M6x0.75	0.75	6g	5.978	5.838	5.491	5.391	5.166	4.929
6	M6x0.7	M6x0.7	0.7	6g	5.978	5.838	5.523	5.428	5.22	4.997
6	M6x0.5	M6x0.5	0.5	6g	5.98	5.874	5.655	5.57	5.439	5.262
7	M7x1	M7	1	6g	6.974	6.794	6.324	6.212	5.891	5.596
7	M7x0.75	M7x0.75	0.75	6g	6.978	6.838	6.491	6.391	6.166	5.929
7	M7x0.5	M7x0.5	0.5	6g	6.98	6.874	6.655	6.57	6.439	6.262
8	M8x1.25	M8	1.25	6g	7.972	7.76	7.16	7.042	6.619	6.272
8	M8x1	M8x1	1	6g	7.974	7.794	7.324	7.212	6.891	6.596
8	M8x0.8	M8x0.8	0.8	6g	7.976	7.826	7.456	7.35	7.11	6.858
8	M8x0.75	M8x0.75	0.75	6g	7.978	7.838	7.491	7.391	7.166	6.929
8	M8x0.5	M8x0.5	0.5	6g	7.98	7.874	7.655	7.57	7.439	7.262
9	M9x1.25	M9x1.25	1.25	6g	8.972	8.76	8.16	8.042	7.619	7.272
9	M9x1	M9x1	1	6g	8.974	8.794	8.324	8.212	7.891	7.596
9	M9x0.75	M9x0.75	0.75	6g	8.978	8.838	8.491	8.391	8.166	7.929
9	M9x0.5	M9x0.5	0.5	6g	8.98	8.874	8.655	8.57	8.439	8.262
10	M10x1.5	M10	1.5	6g	9.968	9.732	8.994	8.862	8.344	7.938
10	M10x1.25	M10x1.25	1.25	6g	9.972	9.76	9.16	9.042	8.619	8.272
10	M10x1.12	M10x1.12	1.12	6g	9.973	9.783	9.246	9.128	8.761	8.438
10	M10x1	M10x1	1	6g	9.974	9.794	9.324	9.212	8.891	8.596
10	M10x0.75	M10x0.75	0.75	6g	9.978	9.838	9.491	9.391	9.166	8.929
10	M10x0.5	M10x0.5	0.5	6g	9.98	9.874	9.655	9.57	9.439	9.262
11	M11x1.5	M11x1.5	1.5	6g	10.97	10.73	9.994	9.862	9.344	8.938
11	M11x1	M11x1	1	6g	10.97	10.79	10.32	10.21	9.891	9.596
11	M11x0.75	M11x0.75	0.75	6g	10.98	10.84	10.49	10.39	10.166	9.929
11	M11x0.5	M11x0.5	0.5	6g	10.98	10.87	10.66	10.57	10.439	10.262
12	M12x1.75	M12	1.75	6g	11.97	11.7	10.83	10.68	10.072	9.601
12	M12x1.5	M12x1.5	1.5	6g	11.97	11.73	10.99	10.85	10.344	9.93
12	M12x1.25	M12x1.25	1.25	6g	11.97	11.76	11.16	11.03	10.619	10.258
12	M12x1	M12x1	1	6g	11.97	11.79	11.32	11.21	10.891	10.59
12	M12x0.75	M12x0.75	0.75	6g	11.98	11.84	11.49	11.39	11.166	10.923
12	M12x0.5	M12x0.5	0.5	6g	11.98	11.87	11.66	11.57	11.439	11.257
14	M14x2	M14	2	6g	13.96	13.68	12.66	12.5	11.797	11.271
14	M14x1.5	M14x1.5	1.5	6g	13.97	13.73	12.99	12.85	12.344	11.93
14	M14x1.25	M14x1.25	1.25	6g	13.97	13.76	13.16	13.03	12.619	12.258
14	M14x1	M14x1	1	6g	13.97	13.79	13.32	13.21	12.891	12.59
14	M14x0.75	M14x0.75	0.75	6g	13.98	13.84	13.49	13.39	13.166	12.923
14	M14x0.5	M14x0.5	0.5	6g	13.98	13.87	13.66	13.57	13.439	13.257
15	M15x1.5	M15x1.5	1.5	6g	14.97	14.73	13.99	13.85	13.344	12.93
15	M15x1	M15x1	1	6g	14.97	14.79	14.32	14.21	13.891	13.59
16	M16x2	M16	2	6g	15.96	15.68	14.66	14.5	13.797	13.271
16	M16x1.6	M16x1.6	1.6	6g	15.97	15.76	14.93	14.82	14.236	13.838
16	M16x1.5	M16x1.5	1.5	6g	15.97	15.73	14.99	14.85	14.344	13.93
16	M16x1.25	M16x1.25	1.25	6g	15.97	15.76	15.16	15.03	14.619	14.258
16	M16x1	M16x1	1	6g	15.97	15.79	15.32	15.21	14.891	14.59
16	M16x0.75	M16x0.75	0.75	6g	15.98	15.84	15.49	15.39	15.166	14.923
16	M16x0.5	M16x0.5	0.5	6g	15.98	15.87	15.66	15.57	15.439	15.257

METRIC THREAD SIZE CHART

EXTERNAL (BOLT THREAD)

ISO Metric Profile			External (Bolt Thread)							
Size mm	Thread Designation	Simple Thread Designation	Pitch mm	Class	Major Diameter		Pitch Diameter		Minor Diameter	
					d=D		d2=D2		d3	
					max.	min.	max.	min.	max.	min.
17	M17x1.5	M17x1.5	1.5	6g	16.97	16.73	15.99	15.85	15.344	14.93
17	M17x1	M17x1	1	6g	16.97	16.79	16.32	16.21	15.891	15.59
18	M18x2.5	M18	2.5	6g	17.96	17.62	16.33	16.16	15.252	14.624
18	M18x2	M18x2	2	6g	17.96	17.68	16.66	16.5	15.797	15.271
18	M18x1.5	M18x1.5	1.5	6g	17.97	17.73	16.99	16.85	16.344	15.93
18	M18x1.25	M18x1.25	1.25	6g	17.97	17.76	17.16	17.03	16.619	16.258
18	M18x1	M18x1	1	6g	17.97	17.79	17.32	17.21	16.891	16.59
18	M18x0.75	M18x0.75	0.75	6g	17.98	17.84	17.49	17.39	17.166	16.923
18	M18x0.5	M18x0.5	0.5	6g	17.98	17.87	17.66	17.57	17.439	17.257
20	M20x2.5	M20	2.5	6g	19.96	19.62	18.33	18.16	17.252	16.624
20	M20x2	M20x2	2	6g	19.96	19.68	18.66	18.5	17.797	17.271
20	M20x1.5	M20x1.5	1.5	6g	19.97	19.73	18.99	18.85	18.344	17.93
20	M20x1	M20x1	1	6g	19.97	19.79	19.32	19.21	18.891	18.59
20	M20x0.75	M20x0.75	0.75	6g	19.98	19.84	19.49	19.39	19.166	18.923
20	M20x0.5	M20x0.5	0.5	6g	19.98	19.87	19.66	19.57	19.439	19.257
22	M22x3	M22x3	3	6g	21.95	21.58	20	19.82	18.704	17.97
22	M22x2.5	M22	2.5	6g	21.96	21.62	20.33	20.16	19.252	18.624
22	M22x2	M22x2	2	6g	21.96	21.68	20.66	20.5	19.797	19.271
22	M22x1.5	M22x1.5	1.5	6g	21.97	21.73	20.99	20.85	20.344	19.93
22	M22x1	M22x1	1	6g	21.97	21.79	21.32	21.21	20.891	20.59
22	M22x0.75	M22x0.75	0.75	6g	21.98	21.84	21.49	21.39	21.166	20.923
22	M22x0.5	M22x0.5	0.5	6g	21.98	21.87	21.66	21.57	21.439	21.257
24	M24x3	M24	3	6g	23.95	23.58	22	21.8	20.704	19.955
24	M24x2.5	M24x2.5	2.5	6g	23.96	23.62	22.33	22.14	21.252	20.604
24	M24x2	M24x2	2	6g	23.96	23.68	22.66	22.49	21.797	21.261
24	M24x1.5	M24x1.5	1.5	6g	23.97	23.73	22.99	22.84	22.344	21.92
24	M24x1	M24x1	1	6g	23.97	23.79	23.32	23.2	22.891	22.583
24	M24x0.75	M24x0.75	0.75	6g	23.98	23.84	23.49	23.38	23.166	22.917
25	M25x2	M25x2	2	6g	24.96	24.68	23.66	23.49	22.797	22.261
25	M25x1.5	M25x1.5	1.5	6g	24.97	24.73	23.99	23.84	23.344	22.92
25	M25x1	M25x1	1	6g	24.97	24.79	24.32	24.2	23.891	23.583
26	M26x1.5	M26x1.5	1.5	6g	25.97	25.73	24.99	24.84	24.344	23.92
27	M27x3	M27	3	6g	26.95	26.58	25	24.8	23.704	22.955
27	M27x2	M27x2	2	6g	26.96	26.68	25.66	25.49	24.797	24.261
27	M27x1.5	M27x1.5	1.5	6g	26.97	26.73	25.99	25.84	25.344	24.92
27	M27x1	M27x1	1	6g	26.97	26.79	26.32	26.2	25.891	25.583
27	M27x0.75	M27x0.75	0.75	6g	26.98	26.84	26.49	26.38	26.166	25.917
28	M28x2	M28x2	2	6g	27.96	27.68	26.66	26.49	25.797	25.261
28	M28x1.5	M28x1.5	1.5	6g	27.97	27.73	26.99	26.84	26.344	25.92
28	M28x1	M28x1	1	6g	27.97	27.79	27.32	27.2	26.891	26.583
30	M30x3.5	M30	3.5	6g	29.95	29.52	27.67	27.46	26.158	25.306
30	M30x3	M30x3	3	6g	29.95	29.58	28	27.8	26.704	25.955
30	M30x2.5	M30x2.5	2.5	6g	29.96	29.62	28.33	28.14	27.252	26.604
30	M30x2	M30x2	2	6g	29.96	29.68	28.66	28.49	27.797	27.261
30	M30x1.5	M30x1.5	1.5	6g	29.97	29.73	28.99	28.84	28.344	27.92
30	M30x1	M30x1	1	6g	29.97	29.79	29.32	29.2	28.891	28.583
30	M30x0.75	M30x0.75	0.75	6g	29.98	29.84	29.49	29.38	29.166	28.917

METRIC THREAD SIZE CHART

EXTERNAL (BOLT THREAD)

ISO Metric Profile			External (Bolt Thread)							
Size mm	Thread Designation	Simple Thread Designation	Pitch mm	Class	Major Diameter		Pitch Diameter		Minor Diameter	
					d=D		d2=D2		d3	
					max.	min.	max.	min.	max.	min.
32	M32x2	M32x2	2	6g	31.96	31.68	30.66	30.49	29.797	29.261
32	M32x1.5	M32x1.5	1.5	6g	31.97	31.73	30.99	30.84	30.344	29.92
33	M33x3.5	M33	3.5	6g	32.97	32.54	30.7	30.48	29.179	28.327
33	M33x3	M33x3	3	6g	32.95	32.58	31	30.8	29.704	28.955
33	M33x2	M33x2	2	6g	32.96	32.68	31.66	31.49	30.797	30.261
33	M33x1.5	M33x1.5	1.5	6g	32.97	32.73	31.99	31.84	31.344	30.92
33	M33x1	M33x1	1	6g	32.97	32.79	32.32	32.2	31.891	31.583
33	M33x0.75	M33x0.75	0.75	6g	32.98	32.84	32.49	32.38	32.166	31.917
35	M35x1.5	M35x1.5	1.5	6g	34.97	34.73	33.99	33.84	33.344	32.92
36	M36x4	M36	4	6g	35.94	35.47	33.34	33.12	31.61	30.654
36	M36x3	M36x3	3	6g	35.95	35.58	34	33.8	32.704	31.955
36	M36x2	M36x2	2	6g	35.96	35.68	34.66	34.49	33.797	33.261
36	M36x1.5	M36x1.5	1.5	6g	35.97	35.73	34.99	34.84	34.344	33.92
36	M36x1	M36x1	1	6g	35.97	35.79	35.32	35.2	34.891	34.583
38	M38x1.5	M38x1.5	1.5	6g	37.97	37.73	36.99	36.84	36.344	35.92
39	M39x4	M39	4	6g	38.94	38.47	36.34	36.12	34.61	33.654
39	M39x3	M39x3	3	6g	38.95	38.58	37	36.8	35.704	34.955
39	M39x2	M39x2	2	6g	38.96	38.68	37.66	37.49	36.797	36.261
39	M39x1.5	M39x1.5	1.5	6g	38.97	38.73	37.99	37.84	37.344	36.92
39	M39x1	M39x1	1	6g	38.97	38.79	38.32	38.2	37.891	37.583
40	M40x3	M40x3	3	6g	39.95	39.58	38	37.8	36.704	35.955
40	M40x2.5	M40x2.5	2.5	6g	39.96	39.62	38.33	38.14	37.252	36.604
40	M40x2	M40x2	2	6g	39.96	39.68	38.66	38.49	37.797	37.261
40	M40x1.5	M40x1.5	1.5	6g	39.97	39.73	38.99	38.84	38.344	37.92
42	M42x4.5	M42	4.5	6g	41.94	41.44	39.01	38.78	37.066	36.006
42	M42x4	M42x4	4	6g	41.94	41.47	39.34	39.12	37.61	36.654
42	M42x3	M42x3	3	6g	41.95	41.58	40	39.8	38.704	37.955
42	M42x2	M42x2	2	6g	41.96	41.68	40.66	40.49	39.797	39.261
42	M42x1.5	M42x1.5	1.5	6g	41.97	41.73	40.99	40.84	40.344	39.92
42	M42x1	M42x1	1	6g	41.97	41.79	41.32	41.2	40.891	40.583
45	M45x4.5	M45	4.5	6g	44.94	44.44	42.01	41.78	40.066	39.006
45	M45x4	M45x4	4	6g	44.94	44.47	42.34	42.12	40.61	39.654
45	M45x3	M45x3	3	6g	44.95	44.58	43	42.8	41.704	40.955
45	M45x2	M45x2	2	6g	44.96	44.68	43.66	43.49	42.797	42.261
45	M45x1.5	M45x1.5	1.5	6g	44.97	44.73	43.99	43.84	43.344	42.92
45	M45x1	M45x1	1	6g	44.97	44.79	44.32	44.2	43.891	43.583
48	M48x5	M48	5	6g	47.93	47.4	44.68	44.43	42.516	41.351
48	M48x4	M48x4	4	6g	47.94	47.47	45.34	45.11	43.61	42.642
48	M48x3	M48x3	3	6g	47.95	47.58	46	45.79	44.704	43.943
48	M48x2	M48x2	2	6g	47.96	47.68	46.66	46.48	45.797	45.251
48	M48x1.5	M48x1.5	1.5	6g	47.97	47.73	46.99	46.83	46.344	45.91
50	M50x4	M50x4	4	6g	49.94	49.47	47.34	47.11	45.61	44.642
50	M50x3	M50x3	3	6g	49.95	49.58	48	47.79	46.704	45.943
50	M50x2	M50x2	2	6g	49.96	49.68	48.66	48.48	47.797	47.251
50	M50x1.5	M50x1.5	1.5	6g	49.97	49.73	48.99	48.83	48.344	47.91
52	M52x5	M52	5	6g	51.93	51.4	48.68	48.45	46.516	45.365
52	M52x4	M52x4	4	6g	51.94	51.47	49.34	49.11	47.61	46.642

METRIC THREAD SIZE CHART

EXTERNAL (BOLT THREAD)

ISO Metric Profile			External (Bolt Thread)							
Size mm	Thread Designation	Simple Thread Designation	Pitch mm	Class	Major Diameter		Pitch Diameter		Minor Diameter	
					d=D		d2=D2		d3	
					max.	min.	max.	min.	max.	min.
52	M52x3	M52x3	3	6g	51.95	51.58	50	49.79	48.704	47.943
52	M52x2	M52x2	2	6g	51.96	51.68	50.66	50.48	49.797	49.251
52	M52x1.5	M52x1.5	1.5	6g	51.97	51.73	50.99	50.83	50.344	49.91
55	M55x4	M55x4	4	6g	54.94	54.47	52.34	52.11	50.61	49.642
55	M55x3	M55x3	3	6g	54.95	54.58	53	52.79	51.704	50.943
55	M55x2	M55x2	2	6g	54.96	54.68	53.66	53.48	52.797	52.251
55	M55x1.5	M55x1.5	1.5	6g	54.97	54.73	53.99	53.83	53.344	52.91
56	M56x5.5	M56	5.5	6g	55.93	55.37	52.35	52.09	49.971	48.7
56	M56x4	M56x4	4	6g	55.94	55.47	53.34	53.11	51.61	50.642
56	M56x3	M56x3	3	6g	55.95	55.58	54	53.79	52.704	51.943
56	M56x2	M56x2	2	6g	55.96	55.68	54.66	54.48	53.797	53.251
56	M56x1.5	M56x1.5	1.5	6g	55.97	55.73	54.99	54.83	54.344	53.91
56	M56x1	M56x1	1	6g	55.97	55.79	55.32	55.18	54.891	54.568
58	M58x4	M58x4	4	6g	57.94	57.47	55.34	55.11	53.61	52.642
58	M58x3	M58x3	3	6g	57.95	57.58	56	55.79	54.704	53.943
58	M58x2	M58x2	2	6g	57.96	57.68	56.66	56.48	55.797	55.251
58	M58x1.5	M58x1.5	1.5	6g	57.97	57.73	56.99	56.83	56.344	55.91
60	M60x5.5	M60	5.5	6g	59.93	59.37	56.35	56.09	53.971	52.7
60	M60x4	M60x4	4	6g	59.94	59.47	57.34	57.11	55.61	54.642
60	M60x3	M60x3	3	6g	59.95	59.58	58	57.79	56.704	55.943
60	M60x2	M60x2	2	6g	59.96	59.68	58.66	58.48	57.797	57.251
60	M60x1.5	M60x1.5	1.5	6g	59.97	59.73	58.99	58.83	58.344	57.91
60	M60x1	M60x1	1	6g	59.97	59.79	59.32	59.18	58.891	58.568
62	M62x4	M62x4	4	6g	61.94	61.47	59.34	59.11	57.61	56.642
62	M62x3	M62x3	3	6g	61.95	61.58	60	59.79	58.704	57.943
62	M62x2	M62x2	2	6g	61.96	61.68	60.66	60.48	59.797	59.251
62	M62x1.5	M62x1.5	1.5	6g	61.97	61.73	60.99	60.83	60.344	59.91
63	M63x1.5	M63x1.5	1.5	6g	62.97	62.73	61.99	61.83	61.344	60.91
64	M64x6	M64	6	6g	63.92	63.32	60.02	59.74	57.425	56.047
64	M64x5.5	M64x5.5	5.5	6g	63.93	63.37	60.35	60.09	57.971	56.7
64	M64x4	M64x4	4	6g	63.94	63.47	61.34	61.11	59.61	58.642
64	M64x3	M64x3	3	6g	63.95	63.58	62	61.79	60.704	59.943
64	M64x2	M64x2	2	6g	63.96	63.68	62.66	62.48	61.797	61.251
64	M64x1.5	M64x1.5	1.5	6g	63.97	63.73	62.99	62.83	62.344	61.91
64	M64x1	M64x1	1	6g	63.97	63.79	63.32	63.18	62.891	62.568
65	M65x4	M65x4	4	6g	64.94	64.47	62.34	62.11	60.61	59.642
65	M65x3	M65x3	3	6g	64.95	64.58	63	62.79	61.704	60.943
65	M65x2	M65x2	2	6g	64.96	64.68	63.66	63.48	62.797	62.251
65	M65x1.5	M65x1.5	1.5	6g	64.97	64.73	63.99	63.83	63.344	62.91
68	M68x6	M68x6	6	6g	67.92	67.32	64.02	63.74	61.425	60.047
68	M68x4	M68x4	4	6g	67.94	67.47	65.34	65.11	63.61	62.642
68	M68x3	M68x3	3	6g	67.95	67.58	66	65.79	64.704	63.943
68	M68x2	M68x2	2	6g	67.96	67.68	66.66	66.48	65.797	65.251
68	M68x1.5	M68x1.5	1.5	6g	67.97	67.73	66.99	66.83	66.344	65.91
68	M68x1	M68x1	1	6g	67.97	67.79	67.32	67.18	66.891	66.568
70	M70x6	M70x6	6	6g	69.92	69.32	66.02	65.74	63.425	62.047
70	M70x4	M70x4	4	6g	69.94	69.47	67.34	67.11	65.61	64.642

METRIC THREAD SIZE CHART

EXTERNAL (BOLT THREAD)

ISO Metric Profile			External (Bolt Thread)							
Size mm	Thread Designation	Simple Thread Designation	Pitch mm	Class	Major Diameter		Pitch Diameter		Minor Diameter	
					d=D		d2=D2		d3	
					max.	min.	max.	min.	max.	min.
70	M70x3	M70x3	3	6g	69.95	69.58	68	67.79	66.704	65.943
70	M70x2	M70x2	2	6g	69.96	69.68	68.66	68.48	67.797	67.251
70	M70x1.5	M70x1.5	1.5	6g	69.97	69.73	68.99	68.83	68.344	67.91
72	M72x6	M72x6	6	6g	71.92	71.32	68.02	67.74	65.425	64.047
72	M72x4	M72x4	4	6g	71.94	71.47	69.34	69.11	67.61	66.642
72	M72x3	M72x3	3	6g	71.95	71.58	70	69.79	68.704	67.943
72	M72x2	M72x2	2	6g	71.96	71.68	70.66	70.48	69.797	69.251
72	M72x1.5	M72x1.5	1.5	6g	71.97	71.73	70.99	70.83	70.344	69.91
72	M72x1	M72x1	1	6g	71.97	71.79	71.32	71.18	70.891	70.568
75	M75x6	M75x6	6	6g	74.92	74.32	71.02	70.74	68.425	67.047
75	M75x4	M75x4	4	6g	74.94	74.47	72.34	72.11	70.61	69.642
75	M75x3	M75x3	3	6g	74.95	74.58	73	72.79	71.704	70.943
75	M75x2	M75x2	2	6g	74.96	74.68	73.66	73.48	72.797	72.251
75	M75x1.5	M75x1.5	1.5	6g	74.97	74.73	73.99	73.83	73.344	72.91
76	M76x6	M76x6	6	6g	75.92	75.32	72.02	71.74	69.425	68.047
76	M76x4	M76x4	4	6g	75.94	75.47	73.34	73.11	71.61	70.642
76	M76x3	M76x3	3	6g	75.95	75.58	74	73.79	72.704	71.943
76	M76x2	M76x2	2	6g	75.96	75.68	74.66	74.48	73.797	73.251
76	M76x1.5	M76x1.5	1.5	6g	75.97	75.73	74.99	74.83	74.344	73.91
76	M76x1	M76x1	1	6g	75.97	75.79	75.32	75.18	74.891	74.568
78	M78x2	M78x2	2	6g	77.96	77.68	76.66	76.48	75.797	75.251
80	M80x6	M80x6	6	6g	79.92	79.32	76.02	75.74	73.425	72.047
80	M80x4	M80x4	4	6g	79.94	79.34	77.34	77.11	75.61	74.642
80	M80x3	M80x3	3	6g	79.95	79.58	78	77.79	76.704	75.943
80	M80x2	M80x2	2	6g	79.96	79.68	78.66	78.48	77.797	77.251
80	M80x1.5	M80x1.5	1.5	6g	79.97	79.73	78.99	78.83	78.344	77.91
80	M80x1	M80x1	1	6g	79.97	79.79	79.32	79.18	78.891	78.568
82	M82x2	M82x2	2	6g	81.96	81.68	80.66	80.48	79.797	79.251
85	M85x6	M85x6	6	6g	84.92	84.32	81.02	80.74	78.425	77.047
85	M85x4	M85x4	4	6g	84.94	84.47	82.34	82.11	80.61	79.642
85	M85x3	M85x3	3	6g	84.95	84.58	83	82.79	81.704	80.943
85	M85x2	M85x2	2	6g	84.96	84.68	83.66	83.48	82.797	82.251
85	M85x1.5	M85x1.5	1.5	6g	84.97	84.73	83.99	83.83	83.344	82.91
90	M90x6	M90x6	6	6g	89.92	89.32	86.02	85.74	83.425	82.047
90	M90x4	M90x4	4	6g	89.94	89.47	87.34	87.11	85.61	84.642
90	M90x3	M90x3	3	6g	89.95	89.58	88	87.79	86.704	85.943
90	M90x2	M90x2	2	6g	89.96	89.68	88.66	88.48	87.797	87.251
90	M90x1.5	M90x1.5	1.5	6g	89.97	89.73	88.99	88.83	88.344	87.91
95	M95x6	M95x6	6	6g	94.92	94.32	91.02	90.72	88.425	87.027
95	M95x4	M95x4	4	6g	94.94	94.47	92.34	92.09	90.61	89.628
95	M95x3	M95x3	3	6g	94.95	94.58	93	92.78	91.704	90.931
95	M95x2	M95x2	2	6g	94.96	94.68	93.66	93.47	92.797	92.241
95	M95x1.5	M95x1.5	1.5	6g	94.97	94.73	93.99	93.81	93.344	92.89
100	M100x6	M100x6	6	6g	99.92	99.32	96.02	95.72	93.425	92.027
100	M100x4	M100x4	4	6g	99.94	99.47	97.34	97.09	95.61	94.628
100	M100x3	M100x3	3	6g	99.95	99.58	98	97.78	96.704	95.931
100	M100x2	M100x2	2	6g	99.96	99.68	98.66	98.47	97.797	97.241

METRIC THREAD SIZE CHART

EXTERNAL (BOLT THREAD)

ISO Metric Profile			External (Bolt Thread)							
Size mm	Thread Designation	Simple Thread Designation	Pitch mm	Class	Major Diameter		Pitch Diameter		Minor Diameter	
					d=D		d2=D2		d3	
					max.	min.	max.	min.	max.	min.
100	M100x1.5	M100x1.5	1.5	6g	99.97	99.73	98.99	98.81	98.344	97.89
105	M105x6	M105x6	6	6g	104.9	104.3	101	100.7	98.425	97.027
105	M105x4	M105x4	4	6g	104.9	104.5	102.3	102.1	100.61	99.628
105	M105x3	M105x3	3	6g	105	104.6	103	102.8	101.7	100.93
105	M105x2	M105x2	2	6g	105	104.7	103.7	103.5	102.8	102.24
105	M105x1.5	M105x1.5	1.5	6g	105	104.7	104	103.8	103.34	102.89
110	M110x6	M110x6	6	6g	109.9	109.3	106	105.7	103.43	102.03
110	M110x4	M110x4	4	6g	109.9	109.5	107.3	107.1	105.61	104.63
110	M110x3	M110x3	3	6g	110	109.6	108	107.8	106.7	105.93
110	M110x2	M110x2	2	6g	110	109.7	108.7	108.5	107.8	107.24
110	M110x1.5	M110x1.5	1.5	6g	110	109.7	109	108.8	108.34	107.89
115	M115x6	M115x6	6	6g	114.9	114.3	111	110.7	108.43	107.03
115	M115x4	M115x4	4	6g	114.9	114.5	112.3	112.1	110.61	109.63
115	M115x3	M115x3	3	6g	115	114.6	113	112.8	111.7	110.93
115	M115x2	M115x2	2	6g	115	114.7	113.7	113.5	112.8	112.24
115	M115x1.5	M115x1.5	1.5	6g	115	114.7	114	113.8	113.34	112.89
120	M120x6	M120x6	6	6g	119.9	119.3	116	115.7	113.43	112.03
120	M120x4	M120x4	4	6g	119.9	119.5	117.3	117.1	115.61	114.63
120	M120x3	M120x3	3	6g	120	119.6	118	117.8	116.7	115.93
120	M120x2	M120x2	2	6g	120	119.7	118.7	118.5	117.8	117.24
120	M120x1.5	M120x1.5	1.5	6g	120	119.7	119	118.8	118.34	117.89
125	M125x8	M125x8	8	6g	124.9	124.2	119.7	119.4	116.24	114.44
125	M125x6	M125x6	6	6g	124.9	124.3	121	120.7	118.43	117.03
125	M125x4	M125x4	4	6g	124.9	124.5	122.3	122.1	120.61	119.63
125	M125x3	M125x3	3	6g	125	124.6	123	122.8	121.7	120.93
125	M125x2	M125x2	2	6g	125	124.7	123.7	123.5	122.8	122.24
125	M125x1.5	M125x1.5	1.5	6g	125	124.7	124	123.8	123.34	122.89
130	M130x8	M130x8	8	6g	129.9	129.2	124.7	124.4	121.24	119.44
130	M130x6	M130x6	6	6g	129.9	129.3	126	125.7	123.43	122.03
130	M130x4	M130x4	4	6g	129.9	129.5	127.3	127.1	125.61	124.63
130	M130x3	M130x3	3	6g	130	129.6	128	127.8	126.7	125.93
130	M130x2	M130x2	2	6g	130	129.7	128.7	128.5	127.8	127.24
130	M130x1.5	M130x1.5	1.5	6g	130	129.7	129	128.8	128.34	127.89
135	M135x6	M135x6	6	6g	134.9	134.3	131	130.7	128.43	127.03
135	M135x4	M135x4	4	6g	134.9	134.5	132.3	132.1	130.61	129.63
135	M135x3	M135x3	3	6g	135	134.6	133	132.8	131.7	130.93
135	M135x2	M135x2	2	6g	135	134.7	133.7	133.5	132.8	132.24
135	M135x1.5	M135x1.5	1.5	6g	135	134.7	134	133.8	133.34	132.89
140	M140x8	M140x8	8	6g	139.9	139.2	134.7	134.4	131.24	129.44
140	M140x6	M140x6	6	6g	139.9	139.3	136	135.7	133.43	132.03
140	M140x4	M140x4	4	6g	139.9	139.5	137.3	137.1	135.61	134.63
140	M140x3	M140x3	3	6g	140	139.6	138	137.8	136.7	135.93
140	M140x2	M140x2	2	6g	140	139.7	138.7	138.5	137.8	137.24
140	M140x1.5	M140x1.5	1.5	6g	140	139.7	139	138.8	138.34	137.89
145	M145x6	M145x6	6	6g	144.9	144.3	141	140.7	138.43	137.03
145	M145x4	M145x4	4	6g	144.9	144.5	142.3	142.1	140.61	139.63
145	M145x3	M145x3	3	6g	145	144.6	143	142.8	141.7	140.93

METRIC THREAD SIZE CHART

EXTERNAL (BOLT THREAD)

ISO Metric Profile			External (Bolt Thread)							
Size mm	Thread Designation	Simple Thread Designation	Pitch mm	Class	Major Diameter		Pitch Diameter		Minor Diameter	
					d=D		d2=D2		d3	
					max.	min.	max.	min.	max.	min.
145	M145x2	M145x2	2	6g	145	144.7	143.7	143.5	142.8	142.24
145	M145x1.5	M145x1.5	1.5	6g	145	144.7	144	143.8	143.34	142.89
150	M150x8	M150x8	8	6g	149.9	149.2	144.7	144.4	141.24	139.44
150	M150x6	M150x6	6	6g	149.9	149.3	146	145.7	143.43	142.03
150	M150x4	M150x4	4	6g	149.9	149.5	147.3	147.1	145.61	144.63
150	M150x3	M150x3	3	6g	150	149.6	148	147.8	146.7	145.93
150	M150x2	M150x2	2	6g	150	149.7	148.7	148.5	147.8	147.24
150	M150x1.5	M150x1.5	1.5	6g	150	149.7	149	148.8	148.34	147.89
155	M155x6	M155x6	6	6g	154.9	154.3	151	150.7	148.43	147.03
155	M155x4	M155x4	4	6g	154.9	154.5	152.3	152.1	150.61	149.63
155	M155x3	M155x3	3	6g	155	154.6	153	152.8	151.7	150.93
155	M155x2	M155x2	2	6g	155	154.7	153.7	153.5	152.8	152.24
160	M160x8	M160x8	8	6g	159.9	159.2	154.7	154.4	151.24	149.44
160	M160x6	M160x6	6	6g	159.9	159.3	156	155.7	153.43	152.03
160	M160x4	M160x4	4	6g	159.9	159.5	157.3	157.1	155.61	154.63
160	M160x3	M160x3	3	6g	160	159.6	158	157.8	156.7	155.93
160	M160x2	M160x2	2	6g	160	159.7	158.7	158.5	157.8	157.24
165	M165x6	M165x6	6	6g	164.9	164.3	161	160.7	158.43	157.03
165	M165x4	M165x4	4	6g	164.9	164.5	162.3	162.1	160.61	159.63
165	M165x3	M165x3	3	6g	165	164.6	163	162.8	161.7	160.93
165	M165x2	M165x2	2	6g	165	164.7	163.7	163.5	162.8	162.24
170	M170x8	M170x8	8	6g	169.9	169.2	164.7	164.4	161.24	159.44
170	M170x6	M170x6	6	6g	169.9	169.3	166	165.7	163.43	162.03
170	M170x4	M170x4	4	6g	169.9	169.5	167.3	167.1	165.61	164.63
170	M170x3	M170x3	3	6g	170	169.6	168	167.8	166.7	165.93
170	M170x2	M170x2	2	6g	170	169.7	168.7	168.5	167.8	167.24
175	M175x6	M175x6	6	6g	174.9	174.3	171	170.7	168.43	167.03
175	M175x4	M175x4	4	6g	174.9	174.5	172.3	172.1	170.61	169.63
175	M175x3	M175x3	3	6g	175	174.6	173	172.8	171.7	170.93
175	M175x2	M175x2	2	6g	175	174.7	173.7	173.5	172.8	172.24
180	M180x8	M180x8	8	6g	179.9	179.2	174.7	174.4	171.24	169.44
180	M180x6	M180x6	6	6g	179.9	179.3	176	175.7	173.43	172.03
180	M180x4	M180x4	4	6g	179.9	179.5	177.3	177.1	175.61	174.63
180	M180x3	M180x3	3	6g	180	179.6	178	177.8	176.7	175.93
180	M180x2	M180x2	2	6g	180	179.7	178.7	178.5	177.8	177.24
185	M185x6	M185x6	6	6g	184.9	184.3	181	180.7	178.43	177.01
185	M185x4	M185x4	4	6g	184.9	184.5	182.3	182.1	180.61	179.6
185	M185x3	M185x3	3	6g	185	184.6	183	182.8	181.7	180.91
185	M185x2	M185x2	2	6g	185	184.7	183.7	183.5	182.8	182.22
190	M190x8	M190x8	8	6g	189.9	189.2	184.7	184.3	181.24	179.42
190	M190x6	M190x6	6	6g	189.9	189.3	186	185.7	183.43	182.01
190	M190x4	M190x4	4	6g	189.9	189.5	187.3	187.1	185.61	184.6
190	M190x3	M190x3	3	6g	190	189.6	188	187.8	186.7	185.91
190	M190x2	M190x2	2	6g	190	189.7	188.7	188.5	187.8	187.22
195	M195x6	M195x6	6	6g	194.9	194.3	191	190.7	188.43	187.01
195	M195x4	M195x4	4	6g	194.9	194.5	192.3	192.1	190.61	189.6
195	M195x3	M195x3	3	6g	195	194.6	193	192.8	191.7	190.91

METRIC THREAD SIZE CHART

EXTERNAL (BOLT THREAD)

ISO Metric Profile			External (Bolt Thread)							
Size mm	Thread Designation	Simple Thread Designation	Pitch mm	Class	Major Diameter		Pitch Diameter		Minor Diameter	
					d=D		d2=D2		d3	
					max.	min.	max.	min.	max.	min.
195	M195x2	M195x2	2	6g	195	194.7	193.7	193.5	192.8	192.22
200	M200x8	M200x8	8	6g	199.9	199.2	194.7	194.3	191.24	189.42
200	M200x6	M200x6	6	6g	199.9	199.3	196	195.7	193.43	192.01
200	M200x4	M200x4	4	6g	199.9	199.5	197.3	197.1	195.61	194.6
200	M200x3	M200x3	3	6g	200	199.6	198	197.8	196.7	195.91
200	M200x2	M200x2	2	6g	200	199.7	198.7	198.5	197.8	197.22
205	M205x6	M205x6	6	6g	204.9	204.3	201	200.7	198.43	197.01
205	M205x4	M205x4	4	6g	204.9	204.5	202.3	202.1	200.61	199.6
205	M205x3	M205x3	3	6g	205	204.6	203	202.8	201.7	200.91
205	M205x2	M205x2	2	6g	205	204.7	203.7	203.5	202.8	202.22
210	M210x8	M210x8	8	6g	209.9	209.2	204.7	204.3	201.24	199.42
210	M210x6	M210x6	6	6g	209.9	209.3	206	205.7	203.43	202.01
210	M210x4	M210x4	4	6g	209.9	209.5	207.3	207.1	205.61	204.6
210	M210x3	M210x3	3	6g	210	209.6	208	207.8	206.7	205.91
210	M210x2	M210x2	2	6g	210	209.7	208.7	208.5	207.8	207.22
215	M215x6	M215x6	6	6g	214.9	214.3	211	210.7	208.43	207.01
215	M215x4	M215x4	4	6g	214.9	214.5	212.3	212.1	210.61	209.6
215	M215x3	M215x3	3	6g	215	214.6	213	212.8	211.7	210.91
220	M220x8	M220x8	8	6g	219.9	219.2	214.7	214.3	211.24	209.42
220	M220x6	M220x6	6	6g	219.9	219.3	216	215.7	213.43	212.01
220	M220x4	M220x4	4	6g	219.9	219.5	217.3	217.1	215.61	214.6
220	M220x3	M220x3	3	6g	220	219.6	218	217.8	216.7	215.91
220	M220x2	M220x2	2	6g	220	219.7	218.7	218.5	217.8	217.22
225	M225x6	M225x6	6	6g	224.9	224.5	221	220.7	218.43	217.01
225	M225x4	M225x4	4	6g	224.9	224.5	222.3	222.1	220.61	219.6
225	M225x3	M225x3	3	6g	225	224.6	223	222.8	221.7	220.91
225	M225x2	M225x2	2	6g	225	224.7	223.7	223.5	222.8	222.22
230	M230x6	M230x6	6	6g	229.9	229.3	226	225.7	223.43	222.01
230	M230x4	M230x4	4	6g	229.9	229.5	227.3	227.1	225.61	224.6
230	M230x3	M230x3	3	6g	230	229.6	228	227.8	226.7	225.91
230	M230x2	M230x2	2	6g	230	229.7	228.7	228.5	227.8	227.22
235	M235x6	M235x6	6	6g	234.9	234.3	231	230.7	228.43	226.97
235	M235x4	M235x4	4	6g	234.9	234.5	232.3	232.1	230.61	229.6
235	M235x3	M235x3	3	6g	235	234.6	233	232.8	231.7	230.91
240	M240x8	M240x8	8	6g	239.9	239.2	234.7	234.3	231.24	229.42
240	M240x6	M240x6	6	6g	239.9	239.3	236	235.7	233.43	232.01
240	M240x4	M240x4	4	6g	239.9	239.5	237.3	237.1	235.61	234.6
240	M240x3	M240x3	3	6g	240	239.6	238	237.8	236.7	235.91
240	M240x2	M240x2	2	6g	240	239.7	238.7	238.5	237.8	237.22
245	M245x6	M245x6	6	6g	244.9	244.3	241	240.7	238.43	237.01
245	M245x4	M245x4	4	6g	244.9	244.5	242.3	242.1	240.61	239.6
245	M245x3	M245x3	3	6g	245	244.6	243	242.8	241.7	240.91
245	M245x2	M245x2	2	6g	245	244.7	243.7	243.5	242.8	242.22
250	M250x8	M250x8	8	6g	249.9	249.2	244.7	244.3	241.24	239.42
250	M250x6	M250x6	6	6g	249.9	249.3	246	245.7	243.43	242.01
250	M250x4	M250x4	4	6g	249.9	249.5	247.3	247.1	245.61	244.6
250	M250x3	M250x3	3	6g	250	249.6	248	247.8	246.7	245.91

METRIC THREAD SIZE CHART

EXTERNAL (BOLT THREAD)



ISO Metric Profile			External (Bolt Thread)							
Size mm	Thread Designation	Simple Thread Designation	Pitch mm	Class	Major Diameter		Pitch Diameter		Minor Diameter	
					d=D		d2=D2		d3	
					max.	min.	max.	min.	max.	min.
250	M250x2	M250x2	2	6g	250	249.7	248.7	248.5	247.8	247.22
255	M255x6	M255x6	6	6g	254.9	254.3	251	250.7	248.43	246.97
255	M255x4	M255x4	4	6g	254.9	254.5	252.3	252.1	250.61	249.6
255	M255x3	M255x3	3	6g	255	254.6	253	252.8	251.7	250.91
260	M260x8	M260x8	8	6g	259.9	259.2	254.7	254.3	251.24	249.42
260	M260x6	M260x6	6	6g	259.9	259.3	256	255.7	253.43	252.01
260	M260x4	M260x4	4	6g	259.9	259.5	257.3	257.1	255.61	254.6
260	M260x3	M260x3	3	6g	260	259.6	258	257.8	256.7	255.91
265	M265x6	M265x6	6	6g	264.9	264.3	261	260.7	258.43	257.01
265	M265x4	M265x4	4	6g	264.9	264.5	262.3	262.1	260.61	259.6
265	M265x3	M265x3	3	6g	265	264.6	263	262.8	261.7	260.91
270	M270x6	M270x6	6	6g	269.9	269.3	266	265.7	263.43	262.01
270	M270x4	M270x4	4	6g	269.9	269.5	267.3	267.1	265.61	264.6
270	M270x3	M270x3	3	6g	270	269.6	268	267.8	266.7	265.91
275	M275x6	M275x6	6	6g	274.9	274.3	271	270.7	268.43	267.01
275	M275x4	M275x4	4	6g	274.9	274.5	272.3	272.1	270.61	269.6
275	M275x3	M275x3	3	6g	275	274.6	273	272.8	271.7	270.91
280	M280x8	M280x8	8	6g	279.9	279.2	274.7	274.3	271.24	269.42
280	M280x6	M280x6	6	6g	279.9	279.3	276	275.7	273.43	272.01
280	M280x4	M280x4	4	6g	279.9	279.5	277.3	277.1	275.61	274.6
280	M280x3	M280x3	3	6g	280	279.6	278	277.8	276.7	275.91
285	M285x6	M285x6	6	6g	284.9	284.3	281	280.7	278.43	277.01
285	M285x4	M285x4	4	6g	284.9	284.5	282.3	282.1	280.61	279.6
285	M285x3	M285x3	3	6g	285	284.6	283	282.8	281.7	280.91
290	M290x6	M290x6	6	6g	289.9	289.3	286	285.7	283.43	282.01
290	M290x4	M290x4	4	6g	289.9	289.5	287.3	287.1	285.61	284.6
290	M290x3	M290x3	3	6g	290	289.6	288	287.8	286.7	285.91
295	M295x6	M295x6	6	6g	294.9	294.3	291	290.7	288.43	287.01
295	M295x4	M295x4	4	6g	294.9	294.5	292.3	292.1	290.61	289.6
295	M295x3	M295x3	3	6g	295	294.6	293	292.8	291.7	290.91
300	M300x8	M300x8	8	6g	299.9	299.2	294.7	294.3	291.24	289.42
300	M300x6	M300x6	6	6g	299.9	299.3	296	295.7	293.43	292.01
300	M300x4	M300x4	4	6g	299.9	299.5	297.3	297.1	295.61	294.6
300	M300x3	M300x3	3	6g	300	299.6	298	297.8	296.7	295.91
310	M310x6	M310x6	6	6g	309.9	309.3	306	305.7	303.43	302.01
310	M310x4	M310x4	4	6g	309.9	309.5	307.3	307.1	305.61	304.6
320	M320x6	M320x6	6	6g	319.9	319.3	316	315.7	313.43	312.01
320	M320x4	M320x4	4	6g	319.9	319.5	317.3	317.1	315.61	314.6
330	M330x6	M330x6	6	6g	329.9	329.3	326	325.7	323.43	322.01
330	M330x4	M330x4	4	6g	329.9	329.5	327.3	327.1	325.61	324.6
340	M340x6	M340x6	6	6g	339.9	339.3	336	335.7	333.43	332.01
340	M340x4	M340x4	4	6g	339.9	339.5	337.3	337.1	335.61	334.6
350	M350x6	M350x6	6	6g	349.9	349.3	346	345.7	343.43	342.01
350	M350x4	M350x4	4	6g	349.9	349.5	347.3	347.1	345.61	344.6
360	M360x6	M360x6	6	6g	359.9	359.3	356	355.7	353.43	351.97
360	M360x4	M360x4	4	6g	359.9	359.5	357.3	357	355.61	354.58
370	M370x6	M370x6	6	6g	369.9	369.3	366	365.7	363.43	361.97

METRIC THREAD SIZE CHART

EXTERNAL (BOLT THREAD)

ISO Metric Profile			External (Bolt Thread)							
Size mm	Thread Designation	Simple Thread Designation	Pitch mm	Class	Major Diameter		Pitch Diameter		Minor Diameter	
					d=D		d2=D2		d3	
					max.	min.	max.	min.	max.	min.
370	M370x4	M370x4	4	6g	369.9	369.5	367.3	367	365.61	364.58
380	M380x6	M380x6	6	6g	379.9	379.3	376	375.7	373.43	371.97
380	M380x4	M380x4	4	6g	379.9	379.5	377.3	377	375.61	374.58
390	M390x6	M390x6	6	6g	389.9	389.3	386	385.7	383.43	381.97
390	M390x4	M390x4	4	6g	389.9	389.5	387.3	387	385.61	384.58
400	M400x6	M400x6	6	6g	399.9	399.3	396	395.7	393.43	391.97
400	M400x4	M400x4	4	6g	399.9	399.5	397.3	397	395.61	394.58
410	M410x6	M410x6	6	6g	409.9	409.3	406	405.7	403.43	401.97
420	M420x6	M420x6	6	6g	419.9	419.3	416	415.7	413.43	411.97
430	M430x6	M430x6	6	6g	429.9	429.3	426	425.7	423.43	421.97
440	M440x6	M440x6	6	6g	439.9	439.3	436	435.7	433.43	431.97
450	M450x6	M450x6	6	6g	449.9	449.3	446	445.7	443.43	441.97
460	M460x6	M460x6	6	6g	459.9	459.3	456	455.7	453.43	451.97
470	M470x6	M470x6	6	6g	469.9	469.3	466	465.7	463.43	461.97
480	M480x6	M480x6	6	6g	479.9	479.3	476	475.7	473.43	471.97
490	M490x6	M490x6	6	6g	489.9	489.3	486	485.7	483.43	481.97
500	M500x6	M500x6	6	6g	499.9	499.3	496	495.7	493.43	491.97
510	M510x6	M510x6	6	6g	509.9	509.3	506	505.7	503.43	501.97
520	M520x6	M520x6	6	6g	519.9	519.3	516	515.7	513.43	511.97
530	M530x6	M530x6	6	6g	529.9	529.3	526	525.7	523.43	521.97
540	M540x6	M540x6	6	6g	539.9	539.3	536	535.7	533.43	531.97
550	M550x6	M550x6	6	6g	549.9	549.3	546	545.7	543.43	541.97
560	M560x6	M560x6	6	6g	559.9	559.3	556	555.7	553.43	551.97
570	M570x6	M570x6	6	6g	569.9	569.3	566	565.7	563.43	561.97
580	M580x6	M580x6	6	6g	579.9	579.3	576	575.7	573.43	571.97
590	M590x6	M590x6	6	6g	589.9	589.3	586	585.7	583.43	581.97
600	M600x6	M600x6	6	6g	599.9	599.3	596	595.7	593.43	591.97

METRIC THREAD SIZE CHART

INTERNAL (NUT THREAD)

ISO Metric Profile			Internal (Nut Thread)							
Size mm	Thread Designation	Simple Thread Designation	Pitch mm	Class	Major Diameter		Pitch Diameter		Minor Diameter	
					d=D		d2=D2		d3	
					max.	min.	max.	min.	max.	min.
0.25	M0.25x0.075	M0.25x0.075	0.075	6H	0.172	0.208	0.201	0.215	0.255	0.276
0.3	M0.3x0.08	M0.3x0.08	0.08	6H	0.217	0.254	0.248	0.262	0.306	0.327
0.3	M0.3x0.09	M0.3x0.09	0.09	6H	0.206	0.247	0.242	0.257	0.306	0.33
0.35	M0.35x0.09	M0.35x0.09	0.09	6H	0.256	0.297	0.292	0.307	0.356	0.38
0.4	M0.4x0.1	M0.4x0.1	0.1	6H	0.296	0.34	0.335	0.351	0.407	0.432
0.45	M0.45x0.1	M0.45x0.1	0.1	6H	0.346	0.39	0.385	0.401	0.457	0.482
0.5	M0.5x0.125	M0.5x0.125	0.125	6H	0.37	0.422	0.419	0.437	0.509	0.538
0.55	M0.55x0.125	M0.55x0.125	0.125	6H	0.42	0.472	0.469	0.487	0.559	0.588
0.6	M0.6x0.15	M0.6x0.15	0.15	6H	0.444	0.504	0.503	0.523	0.611	0.644
0.7	M0.7x0.175	M0.7x0.175	0.175	6H	0.518	0.586	0.586	0.608	0.713	0.75
0.8	M0.8x0.2	M0.8x0.2	0.2	6H	0.592	0.668	0.67	0.694	0.814	0.856
0.9	M0.9x0.225	M0.9x0.225	0.225	6H	0.666	0.75	0.754	0.78	0.916	0.962
1	M1x0.25	M1	0.25	6H	0.729	0.809	0.838	0.909	1	1.107
1	M1x0.2	M1x0.2	0.2	6H	0.783	0.858	0.87	0.933	1	1.092
1.1	M1.1x0.25	M1.1x0.25	0.25	6H	0.829	0.909	0.938	1.009	1.1	1.207
1.1	M1.1x0.2	M1.1x0.2	0.2	6H	0.883	0.958	0.97	1.033	1.1	1.192
1.2	M1.2x0.25	M1.2	0.25	6H	0.929	1.009	1.038	1.109	1.2	1.307
1.2	M1.2x0.2	M1.2x0.2	0.2	6H	0.983	1.058	1.07	1.133	1.2	1.292
1.4	M1.4x0.3	M1.4	0.3	6H	1.075	1.258	1.27	1.35	1.4	1.509
1.4	M1.4x0.2	M1.4x0.2	0.2	6H	1.183	1.258	1.27	1.333	1.4	1.492
1.6	M1.6x0.35	M1.6	0.35	6H	1.221	1.321	1.373	1.458	1.6	1.736
1.6	M1.6x0.3	M1.6x0.3	0.3	6H	1.275	1.36	1.405	1.465	1.6	1.703
1.6	M1.6x0.2	M1.6x0.2	0.2	6H	1.383	1.458	1.47	1.537	1.6	1.696
1.7	M1.7x0.35	M1.7x0.35	0.35	6H	1.321	1.421	1.473	1.558	1.7	1.836
1.8	M1.8x0.35	M1.8	0.35	6H	1.421	1.521	1.573	1.658	1.8	1.936
1.8	M1.8x0.2	M1.8x0.2	0.2	6H	1.583	1.658	1.67	1.737	1.8	1.896
2	M2x0.4	M2	0.4	6H	1.567	1.679	1.74	1.83	2	2.148
2	M2x0.25	M2x0.25	0.25	6H	1.729	1.809	1.838	1.913	2	2.111
2.2	M2.2x0.45	M2.2	0.45	6H	1.713	1.838	1.908	2.003	2.2	2.36
2.2	M2.2x0.25	M2.2x0.25	0.25	6H	1.929	2.009	2.038	2.113	2.2	2.311
2.3	M2.3x0.45	M2.3x0.45	0.45	6H	1.813	1.938	2.008	2.103	2.3	2.46
2.3	M2.3x0.4	M2.3x0.4	0.4	6H	1.867	1.979	2.04	2.13	2.3	2.448
2.5	M2.5x0.45	M2.5	0.45	6H	2.013	2.138	2.208	2.303	2.5	2.66
2.5	M2.5x0.35	M2.5x0.35	0.35	6H	2.121	2.221	2.273	2.358	2.5	2.636
2.6	M2.6x0.45	M2.6x0.45	0.45	6H	2.113	2.238	2.308	2.393	2.6	2.75
3	M3x0.5	M3	0.5	6H	2.459	2.599	2.675	2.775	3	3.172
3	M3x0.35	M3x0.35	0.35	6H	2.621	2.721	2.773	2.863	3	3.141
3.5	M3.5x0.6	M3.5	0.6	6H	2.85	3.01	3.11	3.222	3.5	3.699
3.5	M3.5x0.35	M3.5x0.35	0.35	6H	3.121	3.221	3.273	3.363	3.5	3.641
4	M4x0.7	M4	0.7	6H	3.242	3.422	3.545	3.663	4	4.219
4	M4x0.5	M4x0.5	0.5	6H	3.459	3.599	3.675	3.775	4	4.172
4.5	M4.5x0.75	M4.5x0.75	0.75	6H	3.688	3.878	4.013	4.131	4.5	4.726
4.5	M4.5x0.5	M4.5x0.5	0.5	6H	3.959	4.099	4.175	4.275	4.5	4.672
5	M5x0.8	M5	0.8	6H	4.134	4.334	4.48	4.605	5	5.24
5	M5x0.5	M5x0.5	0.5	6H	4.459	4.599	4.675	4.775	5	5.172
5.5	M5.5x0.5	M5.5x0.5	0.5	6H	4.959	5.099	5.175	5.295	5.5	5.692
6	M6x1	M6	1	6H	4.917	5.153	5.35	5.5	6	6.294

METRIC THREAD SIZE CHART

INTERNAL (NUT THREAD)

ISO Metric Profile			Internal (Nut Thread)							
Size mm	Thread Designation	Simple Thread Designation	Pitch mm	Class	Major Diameter		Pitch Diameter		Minor Diameter	
					d=D		d2=D2		d3	
					max.	min.	max.	min.	max.	min.
6	M6x0.8	M6x0.8	0.8	6H	5.134	5.334	5.48	5.586	6	6.221
6	M6x0.75	M6x0.75	0.75	6H	5.188	5.378	5.513	5.645	6	6.24
6	M6x0.7	M6x0.7	0.7	6H	5.242	5.422	5.545	5.671	6	6.226
6	M6x0.5	M6x0.5	0.5	6H	5.459	5.599	5.675	5.787	6	6.184
7	M7x1	M7	1	6H	5.917	6.153	6.35	6.5	7	7.294
7	M7x0.75	M7x0.75	0.75	6H	6.188	6.378	6.513	6.645	7	7.24
7	M7x0.5	M7x0.5	0.5	6H	6.459	6.599	6.675	6.787	7	7.184
8	M8x1.25	M8	1.25	6H	6.647	6.912	7.188	7.348	8	8.34
8	M8x1	M8x1	1	6H	6.917	7.153	7.35	7.5	8	8.294
8	M8x0.8	M8x0.8	0.8	6H	7.134	7.334	7.48	7.62	8	8.255
8	M8x0.75	M8x0.75	0.75	6H	7.188	7.378	7.513	7.645	8	8.24
8	M8x0.5	M8x0.5	0.5	6H	7.459	7.599	7.675	7.787	8	8.184
9	M9x1.25	M9x1.25	1.25	6H	7.647	7.912	8.188	8.348	9	9.34
9	M9x1	M9x1	1	6H	7.917	8.153	8.35	8.498	9	9.292
9	M9x0.75	M9x0.75	0.75	6H	8.188	8.378	8.513	8.645	9	9.24
9	M9x0.5	M9x0.5	0.5	6H	8.459	8.599	8.675	8.787	9	9.184
10	M10x1.5	M10	1.5	6H	8.376	8.676	9.026	9.206	10	10.396
10	M10x1.25	M10x1.25	1.25	6H	8.647	8.912	9.188	9.348	10	10.34
10	M10x1.12	M10x1.12	1.12	6H	8.788	9.038	9.273	9.433	10	10.322
10	M10x1	M10x1	1	6H	8.917	9.153	9.35	9.5	10	10.294
10	M10x0.75	M10x0.75	0.75	6H	9.188	9.378	9.513	9.645	10	10.24
10	M10x0.5	M10x0.5	0.5	6H	9.459	9.599	9.675	9.787	10	10.184
11	M11x1.5	M11x1.5	1.5	6H	9.376	9.676	10.026	10.196	11	11.387
11	M11x1	M11x1	1	6H	9.917	10.153	10.35	10.5	11	11.294
11	M11x0.75	M11x0.75	0.75	6H	10.188	10.378	10.513	10.645	11	11.24
11	M11x0.5	M11x0.5	0.5	6H	10.459	10.599	10.675	10.787	11	11.184
12	M12x1.75	M12	1.75	6H	10.106	10.441	10.863	11.063	12	12.453
12	M12x1.5	M12x1.5	1.5	6H	10.376	10.676	11.026	11.216	12	12.406
12	M12x1.25	M12x1.25	1.25	6H	10.647	10.912	11.188	11.368	12	12.36
12	M12x1	M12x1	1	6H	10.917	11.153	11.35	11.51	12	12.304
12	M12x0.75	M12x0.75	0.75	6H	11.188	11.378	11.513	11.653	12	12.248
12	M12x0.5	M12x0.5	0.5	6H	11.459	11.599	11.675	11.795	12	12.192
14	M14x2	M14	2	6H	11.835	12.21	12.701	12.913	14	14.501
14	M14x1.5	M14x1.5	1.5	6H	12.376	12.676	13.026	13.216	14	14.406
14	M14x1.25	M14x1.25	1.25	6H	12.647	12.912	13.188	13.358	14	14.35
14	M14x1	M14x1	1	6H	12.917	13.153	13.35	13.51	14	14.304
14	M14x0.75	M14x0.75	0.75	6H	13.188	13.378	13.513	13.653	14	14.248
14	M14x0.5	M14x0.5	0.5	6H	13.459	13.599	13.675	13.795	14	14.192
15	M15x1.5	M15x1.5	1.5	6H	13.376	13.676	14.026	14.216	15	15.407
15	M15x1	M15x1	1	6H	13.917	14.153	14.35	14.51	15	15.304
16	M16x2	M16	2	6H	13.835	14.21	14.701	14.913	16	16.501
16	M16x1.6	M16x1.6	1.6	6H	14.268	14.568	14.961	15.101	16	16.371
16	M16x1.5	M16x1.5	1.5	6H	14.376	14.676	15.026	15.216	16	16.406
16	M16x1.25	M16x1.25	1.25	6H	14.647	14.912	15.188	15.358	16	16.35
16	M16x1	M16x1	1	6H	14.917	15.153	15.35	15.51	16	16.304
16	M16x0.75	M16x0.75	0.75	6H	15.188	15.378	15.513	15.653	16	16.248
16	M16x0.5	M16x0.5	0.5	6H	15.459	15.599	15.675	15.795	16	16.192

METRIC THREAD SIZE CHART

INTERNAL (NUT THREAD)

ISO Metric Profile			Internal (Nut Thread)							
Size mm	Thread Designation	Simple Thread Designation	Pitch mm	Class	Major Diameter		Pitch Diameter		Minor Diameter	
					d=D		d2=D2		d3	
					max.	min.	max.	min.	max.	min.
17	M17x1.5	M17x1.5	1.5	6H	15.376	15.676	16.026	16.216	17	17.407
17	M17x1	M17x1	1	6H	15.917	16.153	16.35	16.51	17	17.304
18	M18x2.5	M18	2.5	6H	15.294	15.744	16.376	16.601	18	18.585
18	M18x2	M18x2	2	6H	15.835	16.21	16.701	16.913	18	18.501
18	M18x1.5	M18x1.5	1.5	6H	16.376	16.676	17.026	17.216	18	18.406
18	M18x1.25	M18x1.25	1.25	6H	16.647	16.912	17.188	17.358	18	18.35
18	M18x1	M18x1	1	6H	16.917	17.153	17.35	17.51	18	18.304
18	M18x0.75	M18x0.75	0.75	6H	17.188	17.378	17.513	17.653	18	18.248
18	M18x0.5	M18x0.5	0.5	6H	17.459	17.599	17.675	17.795	18	18.192
20	M20x2.5	M20	2.5	6H	17.294	17.744	18.376	18.6	20	20.585
20	M20x2	M20x2	2	6H	17.835	18.21	18.701	18.913	20	20.501
20	M20x1.5	M20x1.5	1.5	6H	18.376	18.676	19.026	19.216	20	20.406
20	M20x1	M20x1	1	6H	18.917	19.153	19.35	19.51	20	20.304
20	M20x0.75	M20x0.75	0.75	6H	19.188	19.378	19.513	19.653	20	20.248
20	M20x0.5	M20x0.5	0.5	6H	19.459	19.599	19.675	19.795	20	20.192
22	M22x3	M22x3	3	6H	18.752	19.252	20.051	20.296	22	22.677
22	M22x2.5	M22	2.5	6H	19.294	19.744	20.376	20.6	22	22.585
22	M22x2	M22x2	2	6H	19.835	20.21	20.701	20.913	22	22.501
22	M22x1.5	M22x1.5	1.5	6H	20.376	20.676	21.026	21.216	22	22.406
22	M22x1	M22x1	1	6H	20.917	21.153	21.35	21.51	22	22.304
22	M22x0.75	M22x0.75	0.75	6H	21.188	21.378	21.513	21.653	22	22.248
22	M22x0.5	M22x0.5	0.5	6H	21.459	21.599	21.675	21.795	22	22.192
24	M24x3	M24	3	6H	20.752	21.252	22.051	22.316	24	24.698
24	M24x2.5	M24x2.5	2.5	6H	21.294	21.744	22.376	22.626	24	24.611
24	M24x2	M24x2	2	6H	21.835	22.21	22.701	22.925	24	24.513
24	M24x1.5	M24x1.5	1.5	6H	22.376	22.676	23.026	23.226	24	24.417
24	M24x1	M24x1	1	6H	22.917	23.153	23.35	23.52	24	24.314
24	M24x0.75	M24x0.75	0.75	6H	23.188	23.378	23.513	23.663	24	24.258
25	M25x2	M25x2	2	6H	22.835	23.21	23.701	23.925	25	25.513
25	M25x1.5	M25x1.5	1.5	6H	23.376	23.676	24.026	24.226	25	25.416
25	M25x1	M25x1	1	6H	23.917	24.153	24.35	24.52	25	25.314
26	M26x1.5	M26x1.5	1.5	6H	24.376	24.676	25.026	25.226	26	26.417
27	M27x3	M27	3	6H	23.752	24.252	25.051	25.316	27	27.698
27	M27x2	M27x2	2	6H	24.835	25.21	25.701	25.925	27	27.513
27	M27x1.5	M27x1.5	1.5	6H	25.376	25.676	26.026	26.226	27	27.417
27	M27x1	M27x1	1	6H	25.917	26.153	26.35	26.52	27	27.314
27	M27x0.75	M27x0.75	0.75	6H	26.188	26.378	26.513	26.663	27	27.258
28	M28x2	M28x2	2	6H	25.835	26.21	26.701	26.925	28	28.513
28	M28x1.5	M28x1.5	1.5	6H	26.376	26.676	27.026	27.226	28	28.417
28	M28x1	M28x1	1	6H	26.917	27.153	27.35	27.52	28	28.314
30	M30x3.5	M30	3.5	6H	26.211	26.771	27.727	28.007	30	30.785
30	M30x3	M30x3	3	6H	26.752	27.252	28.051	28.316	30	30.698
30	M30x2.5	M30x2.5	2.5	6H	27.294	27.744	28.376	28.626	30	30.611
30	M30x2	M30x2	2	6H	27.835	28.21	28.701	28.925	30	30.513
30	M30x1.5	M30x1.5	1.5	6H	28.376	28.676	29.026	29.226	30	30.416
30	M30x1	M30x1	1	6H	28.917	29.153	29.35	29.52	30	30.314
30	M30x0.75	M30x0.75	0.75	6H	29.188	29.378	29.513	29.663	30	30.258

METRIC THREAD SIZE CHART

INTERNAL (NUT THREAD)

ISO Metric Profile			Internal (Nut Thread)							
Size mm	Thread Designation	Simple Thread Designation	Pitch mm	Class	Major Diameter		Pitch Diameter		Minor Diameter	
					d=D		d2=D2		d3	
					max.	min.	max.	min.	max.	min.
32	M32x2	M32x2	2	6H	29.835	30.21	30.701	30.925	32	32.513
32	M32x1.5	M32x1.5	1.5	6H	30.376	30.676	31.026	31.226	32	32.417
33	M33x3.5	M33	3.5	6H	29.211	29.771	30.727	31.007	33	33.785
33	M33x3	M33x3	3	6H	29.752	30.252	31.051	31.316	33	33.698
33	M33x2	M33x2	2	6H	30.835	31.21	31.701	31.925	33	33.513
33	M33x1.5	M33x1.5	1.5	6H	31.376	31.676	32.026	32.226	33	33.417
33	M33x1	M33x1	1	6H	31.917	32.153	32.35	32.52	33	33.314
33	M33x0.75	M33x0.75	0.75	6H	32.188	32.378	32.513	32.663	33	33.258
35	M35x1.5	M35x1.5	1.5	6H	33.376	33.676	34.026	34.226	35	35.416
36	M36x4	M36	4	6H	31.67	32.27	33.402	33.702	36	36.877
36	M36x3	M36x3	3	6H	32.752	33.252	34.051	34.316	36	36.698
36	M36x2	M36x2	2	6H	33.835	34.21	34.701	34.925	36	36.513
36	M36x1.5	M36x1.5	1.5	6H	34.376	34.676	35.026	35.226	36	36.417
36	M36x1	M36x1	1	6H	34.917	35.153	35.35	35.52	36	36.314
38	M38x1.5	M38x1.5	1.5	6H	36.376	36.676	37.026	37.226	38	38.417
39	M39x4	M39	4	6H	34.67	35.27	36.402	36.702	39	39.877
39	M39x3	M39x3	3	6H	35.752	36.252	37.051	37.316	39	39.698
39	M39x2	M39x2	2	6H	36.835	37.21	37.701	37.925	39	39.513
39	M39x1.5	M39x1.5	1.5	6H	37.376	37.676	38.026	38.226	39	39.417
39	M39x1	M39x1	1	6H	37.917	38.153	38.35	38.52	39	39.314
40	M40x3	M40x3	3	6H	36.752	37.252	38.051	38.316	40	40.698
40	M40x2.5	M40x2.5	2.5	6H	37.294	37.744	38.376	38.626	40	40.611
40	M40x2	M40x2	2	6H	37.835	38.21	38.701	38.925	40	40.513
40	M40x1.5	M40x1.5	1.5	6H	38.376	38.676	39.026	39.226	40	40.416
42	M42x4.5	M42	4.5	6H	37.129	37.799	39.077	39.392	42	42.965
42	M42x4	M42x4	4	6H	37.67	38.27	39.402	39.702	42	42.877
42	M42x3	M42x3	3	6H	38.752	39.252	40.051	40.316	42	42.698
42	M42x2	M42x2	2	6H	39.835	40.21	40.701	40.925	42	42.513
42	M42x1.5	M42x1.5	1.5	6H	40.376	40.676	41.026	41.226	42	42.417
42	M42x1	M42x1	1	6H	40.917	41.153	41.35	41.52	42	42.314
45	M45x4.5	M45	4.5	6H	40.129	40.799	42.077	42.392	45	45.965
45	M45x4	M45x4	4	6H	40.67	41.27	42.402	42.702	45	45.877
45	M45x3	M45x3	3	6H	41.752	42.252	43.051	43.316	45	45.698
45	M45x2	M45x2	2	6H	42.835	43.21	43.701	43.925	45	45.513
45	M45x1.5	M45x1.5	1.5	6H	43.376	43.676	44.026	44.226	45	45.416
45	M45x1	M45x1	1	6H	43.917	44.153	44.35	44.52	45	45.314
48	M48x5	M48	5	6H	42.587	43.297	44.752	45.087	48	49.057
48	M48x4	M48x4	4	6H	43.67	44.27	45.402	45.717	48	48.892
48	M48x3	M48x3	3	6H	44.752	45.252	46.051	46.331	48	48.713
48	M48x2	M48x2	2	6H	45.835	46.21	46.701	46.937	48	48.525
48	M48x1.5	M48x1.5	1.5	6H	46.376	46.676	47.026	47.238	48	48.429
50	M50x4	M50x4	4	6H	45.67	46.27	47.402	47.717	50	50.892
50	M50x3	M50x3	3	6H	46.752	47.252	48.051	48.331	50	50.713
50	M50x2	M50x2	2	6H	47.835	48.21	48.701	48.937	50	50.525
50	M50x1.5	M50x1.5	1.5	6H	48.376	48.676	49.026	49.238	50	50.428
52	M52x5	M52	5	6H	46.587	47.297	48.752	49.067	52	53.037
52	M52x4	M52x4	4	6H	47.67	48.27	49.402	49.717	52	52.892

METRIC THREAD SIZE CHART

INTERNAL (NUT THREAD)

ISO Metric Profile			Internal (Nut Thread)							
Size mm	Thread Designation	Simple Thread Designation	Pitch mm	Class	Major Diameter		Pitch Diameter		Minor Diameter	
					d=D		d2=D2		d3	
					max.	min.	max.	min.	max.	min.
52	M52x3	M52x3	3	6H	48.752	49.252	50.051	50.331	52	52.713
52	M52x2	M52x2	2	6H	49.835	50.21	50.701	50.937	52	52.525
52	M52x1.5	M52x1.5	1.5	6H	50.376	50.676	51.026	51.238	52	52.429
55	M55x4	M55x4	4	6H	50.67	51.27	52.402	52.717	55	55.892
55	M55x3	M55x3	3	6H	51.752	52.252	53.051	53.331	55	55.713
55	M55x2	M55x2	2	6H	52.835	53.21	53.701	53.937	55	55.525
55	M55x1.5	M55x1.5	1.5	6H	53.376	53.676	54.026	54.238	55	55.428
56	M56x5.5	M56	5.5	6H	50.046	50.796	52.428	52.783	56	57.149
56	M56x4	M56x4	4	6H	51.67	52.27	53.402	53.717	56	56.892
56	M56x3	M56x3	3	6H	52.752	53.252	54.051	54.331	56	56.713
56	M56x2	M56x2	2	6H	53.835	54.21	54.701	54.937	56	56.525
56	M56x1.5	M56x1.5	1.5	6H	54.376	54.676	55.026	55.238	56	56.429
56	M56x1	M56x1	1	6H	54.917	55.153	55.35	55.54	56	56.334
58	M58x4	M58x4	4	6H	53.67	54.27	55.402	55.717	58	58.892
58	M58x3	M58x3	3	6H	54.752	55.252	56.051	56.331	58	58.713
58	M58x2	M58x2	2	6H	55.835	56.21	56.701	56.937	58	58.525
58	M58x1.5	M58x1.5	1.5	6H	56.376	56.676	57.026	57.238	58	58.429
60	M60x5.5	M60	5.5	6H	54.046	54.796	56.428	56.783	60	61.149
60	M60x4	M60x4	4	6H	55.67	56.27	57.402	57.717	60	60.892
60	M60x3	M60x3	3	6H	56.752	57.252	58.051	58.331	60	60.713
60	M60x2	M60x2	2	6H	57.835	58.21	58.701	58.937	60	60.525
60	M60x1.5	M60x1.5	1.5	6H	58.376	58.676	59.026	59.238	60	60.428
60	M60x1	M60x1	1	6H	58.917	59.153	59.35	59.54	60	60.334
62	M62x4	M62x4	4	6H	57.67	58.27	59.402	59.717	62	62.892
62	M62x3	M62x3	3	6H	58.752	59.252	60.051	60.331	62	62.713
62	M62x2	M62x2	2	6H	59.835	60.21	60.701	60.937	62	62.525
62	M62x1.5	M62x1.5	1.5	6H	60.376	60.676	61.026	61.238	62	62.429
63	M63x1.5	M63x1.5	1.5	6H	61.376	61.676	62.026	62.238	63	63.429
64	M64x6	M64	6	6H	57.505	58.305	60.103	60.478	64	65.241
64	M64x5.5	M64x5.5	5.5	6H	58.046	58.796	60.428	60.783	64	65.149
64	M64x4	M64x4	4	6H	59.67	60.27	61.402	61.717	64	64.892
64	M64x3	M64x3	3	6H	60.752	61.252	62.051	62.331	64	64.713
64	M64x2	M64x2	2	6H	61.835	62.21	62.701	62.937	64	64.525
64	M64x1.5	M64x1.5	1.5	6H	62.376	62.676	63.026	63.238	64	64.429
64	M64x1	M64x1	1	6H	62.917	63.153	63.35	63.54	64	64.334
65	M65x4	M65x4	4	6H	60.67	61.27	62.402	62.717	65	65.892
65	M65x3	M65x3	3	6H	61.752	62.252	63.051	63.331	65	65.713
65	M65x2	M65x2	2	6H	62.835	63.21	63.701	63.937	65	65.525
65	M65x1.5	M65x1.5	1.5	6H	63.376	63.676	64.026	64.238	65	65.428
68	M68x6	M68x6	6	6H	61.505	62.305	64.103	64.478	68	69.241
68	M68x4	M68x4	4	6H	63.67	64.27	65.402	65.717	68	68.892
68	M68x3	M68x3	3	6H	64.752	65.252	66.051	66.331	68	68.713
68	M68x2	M68x2	2	6H	65.835	66.21	66.701	66.937	68	68.525
68	M68x1.5	M68x1.5	1.5	6H	66.376	66.676	67.026	67.238	68	68.429
68	M68x1	M68x1	1	6H	66.917	67.153	67.35	67.54	68	68.334
70	M70x6	M70x6	6	6H	63.505	64.305	66.103	66.478	70	71.241
70	M70x4	M70x4	4	6H	65.67	66.27	67.402	67.717	70	70.892

METRIC THREAD SIZE CHART

INTERNAL (NUT THREAD)

ISO Metric Profile			Internal (Nut Thread)							
Size mm	Thread Designation	Simple Thread Designation	Pitch mm	Class	Major Diameter		Pitch Diameter		Minor Diameter	
					d=D		d2=D2		d3	
					max.	min.	max.	min.	max.	min.
70	M70x3	M70x3	3	6H	66.752	67.252	68.051	68.331	70	70.713
70	M70x2	M70x2	2	6H	67.835	68.21	68.701	68.937	70	70.525
70	M70x1.5	M70x1.5	1.5	6H	68.376	68.676	69.026	69.238	70	70.428
72	M72x6	M72x6	6	6H	65.505	66.305	68.103	68.478	72	73.241
72	M72x4	M72x4	4	6H	67.67	68.27	69.402	69.717	72	72.892
72	M72x3	M72x3	3	6H	68.752	69.252	70.051	70.331	72	72.713
72	M72x2	M72x2	2	6H	69.835	70.21	70.701	70.937	72	72.525
72	M72x1.5	M72x1.5	1.5	6H	70.376	70.676	71.026	71.238	72	72.429
72	M72x1	M72x1	1	6H	70.917	71.153	71.35	71.54	72	72.334
75	M75x6	M75x6	6	6H	68.505	69.305	71.103	71.478	75	76.241
75	M75x4	M75x4	4	6H	70.67	71.27	72.402	72.717	75	75.892
75	M75x3	M75x3	3	6H	71.752	72.252	73.051	73.331	75	75.713
75	M75x2	M75x2	2	6H	72.835	73.21	73.701	73.937	75	75.525
75	M75x1.5	M75x1.5	1.5	6H	73.376	73.676	74.026	74.238	75	75.428
76	M76x6	M76x6	6	6H	69.505	70.305	72.103	72.478	76	77.241
76	M76x4	M76x4	4	6H	71.67	72.27	73.402	73.717	76	76.892
76	M76x3	M76x3	3	6H	72.752	73.252	74.051	74.331	76	76.713
76	M76x2	M76x2	2	6H	73.835	74.21	74.701	74.937	76	76.525
76	M76x1.5	M76x1.5	1.5	6H	74.376	74.676	75.026	75.238	76	76.429
76	M76x1	M76x1	1	6H	74.917	75.153	75.35	75.54	76	76.334
78	M78x2	M78x2	2	6H	75.835	76.21	76.701	76.937	78	78.525
80	M80x6	M80x6	6	6H	73.505	74.305	76.103	76.478	80	81.241
80	M80x4	M80x4	4	6H	75.67	76.27	77.402	77.717	80	80.892
80	M80x3	M80x3	3	6H	76.752	77.252	78.051	78.331	80	80.713
80	M80x2	M80x2	2	6H	77.835	78.21	78.701	78.937	80	80.525
80	M80x1.5	M80x1.5	1.5	6H	78.376	78.676	79.026	79.238	80	80.428
80	M80x1	M80x1	1	6H	78.917	79.153	79.35	79.54	80	80.334
82	M82x2	M82x2	2	6H	79.835	80.21	80.701	80.937	82	82.525
85	M85x6	M85x6	6	6H	78.505	79.305	81.103	81.478	85	86.241
85	M85x4	M85x4	4	6H	80.67	81.27	82.402	82.717	85	85.892
85	M85x3	M85x3	3	6H	81.752	82.252	83.051	83.331	85	85.713
85	M85x2	M85x2	2	6H	82.835	83.21	83.701	83.937	85	85.525
85	M85x1.5	M85x1.5	1.5	6H	83.376	83.676	84.026	84.238	85	85.429
90	M90x6	M90x6	6	6H	83.505	84.305	86.103	86.478	90	91.241
90	M90x4	M90x4	4	6H	85.67	86.27	87.402	87.717	90	90.892
90	M90x3	M90x3	3	6H	86.752	87.252	88.051	88.331	90	90.713
90	M90x2	M90x2	2	6H	87.835	88.21	88.701	88.937	90	90.525
90	M90x1.5	M90x1.5	1.5	6H	88.376	88.676	89.026	89.238	90	90.429
95	M95x6	M95x6	6	6H	88.505	89.305	91.103	91.503	95	96.266
95	M95x4	M95x4	4	6H	90.67	91.27	92.402	92.737	95	95.912
95	M95x3	M95x3	3	6H	91.752	92.252	93.051	93.351	95	95.733
95	M95x2	M95x2	2	6H	92.835	93.21	93.701	93.951	95	95.539
95	M95x1.5	M95x1.5	1.5	6H	93.376	93.676	94.026	94.262	95	95.453
100	M100x6	M100x6	6	6H	93.505	94.305	96.103	96.503	100	101.27
100	M100x4	M100x4	4	6H	95.67	96.27	97.402	97.737	100	100.91
100	M100x3	M100x3	3	6H	96.752	97.252	98.051	98.351	100	100.73
100	M100x2	M100x2	2	6H	97.835	98.21	98.701	98.951	100	100.54

METRIC THREAD SIZE CHART

INTERNAL (NUT THREAD)

ISO Metric Profile			Internal (Nut Thread)							
Size mm	Thread Designation	Simple Thread Designation	Pitch mm	Class	Major Diameter		Pitch Diameter		Minor Diameter	
					d=D		d2=D2		d3	
					max.	min.	max.	min.	max.	min.
100	M100x1.5	M100x1.5	1.5	6H	98.376	98.676	99.026	99.262	100	100.45
105	M105x6	M105x6	6	6H	98.505	99.305	101.1	101.5	105	106.27
105	M105x4	M105x4	4	6H	100.67	101.27	102.4	102.74	105	105.91
105	M105x3	M105x3	3	6H	101.75	102.25	103.05	103.35	105	105.73
105	M105x2	M105x2	2	6H	102.84	103.21	103.7	103.95	105	105.54
105	M105x1.5	M105x1.5	1.5	6H	103.38	103.68	104.03	104.26	105	105.45
110	M110x6	M110x6	6	6H	103.51	104.31	106.1	106.5	110	111.27
110	M110x4	M110x4	4	6H	105.67	106.27	107.4	107.74	110	110.91
110	M110x3	M110x3	3	6H	106.75	107.25	108.05	108.35	110	110.73
110	M110x2	M110x2	2	6H	107.84	108.21	108.7	108.95	110	110.54
110	M110x1.5	M110x1.5	1.5	6H	108.38	108.68	109.03	109.26	110	110.45
115	M115x6	M115x6	6	6H	108.51	109.31	111.1	111.5	115	116.27
115	M115x4	M115x4	4	6H	110.67	111.27	112.4	112.74	115	115.91
115	M115x3	M115x3	3	6H	111.75	112.25	113.05	113.35	115	115.73
115	M115x2	M115x2	2	6H	112.84	113.21	113.7	113.95	115	115.54
115	M115x1.5	M115x1.5	1.5	6H	113.38	113.68	114.03	114.26	115	115.45
120	M120x6	M120x6	6	6H	113.51	114.31	116.1	116.5	120	121.27
120	M120x4	M120x4	4	6H	115.67	116.27	117.4	117.74	120	120.91
120	M120x3	M120x3	3	6H	116.75	117.25	118.05	118.35	120	120.73
120	M120x2	M120x2	2	6H	117.84	118.21	118.7	118.95	120	120.54
120	M120x1.5	M120x1.5	1.5	6H	118.38	118.68	119.03	119.26	120	120.45
125	M125x8	M125x8	8	6H	116.34	117.34	119.8	120.25	125	126.61
125	M125x6	M125x6	6	6H	118.51	119.31	121.1	121.5	125	126.27
125	M125x4	M125x4	4	6H	120.67	121.27	122.4	122.74	125	125.91
125	M125x3	M125x3	3	6H	121.75	122.25	123.05	123.35	125	125.73
125	M125x2	M125x2	2	6H	122.84	123.21	123.7	123.95	125	125.54
125	M125x1.5	M125x1.5	1.5	6H	123.38	123.68	124.03	124.26	125	125.45
130	M130x8	M130x8	8	6H	121.34	122.34	124.8	125.25	130	131.61
130	M130x6	M130x6	6	6H	123.51	124.31	126.1	126.5	130	131.27
130	M130x4	M130x4	4	6H	125.67	126.27	127.4	127.74	130	130.91
130	M130x3	M130x3	3	6H	126.75	127.25	128.05	128.35	130	130.73
130	M130x2	M130x2	2	6H	127.84	128.21	128.7	128.95	130	130.54
130	M130x1.5	M130x1.5	1.5	6H	128.38	128.68	129.03	129.26	130	130.45
135	M135x6	M135x6	6	6H	128.51	129.31	131.1	131.5	135	136.27
135	M135x4	M135x4	4	6H	130.67	131.27	132.4	132.74	135	135.91
135	M135x3	M135x3	3	6H	131.75	132.25	133.05	133.35	135	135.73
135	M135x2	M135x2	2	6H	132.84	133.21	133.7	133.95	135	135.54
135	M135x1.5	M135x1.5	1.5	6H	133.38	133.68	134.03	134.26	135	135.45
140	M140x8	M140x8	8	6H	131.34	132.34	134.8	135.25	140	141.61
140	M140x6	M140x6	6	6H	133.51	134.31	136.1	136.5	140	141.27
140	M140x4	M140x4	4	6H	135.67	136.27	137.4	137.74	140	140.91
140	M140x3	M140x3	3	6H	136.75	137.25	138.05	138.35	140	140.73
140	M140x2	M140x2	2	6H	137.84	138.21	138.7	138.95	140	140.54
140	M140x1.5	M140x1.5	1.5	6H	138.38	138.68	139.03	139.26	140	140.45
145	M145x6	M145x6	6	6H	138.51	139.31	141.1	141.5	145	146.27
145	M145x4	M145x4	4	6H	140.67	141.27	142.4	142.74	145	145.91
145	M145x3	M145x3	3	6H	141.75	142.25	143.05	143.35	145	145.73

METRIC THREAD SIZE CHART

INTERNAL (NUT THREAD)

ISO Metric Profile			Internal (Nut Thread)							
Size mm	Thread Designation	Simple Thread Designation	Pitch mm	Class	Major Diameter		Pitch Diameter		Minor Diameter	
					d=D		d2=D2		d3	
					max.	min.	max.	min.	max.	min.
145	M145x2	M145x2	2	6H	142.84	143.21	143.7	143.95	145	145.54
145	M145x1.5	M145x1.5	1.5	6H	143.38	143.68	144.03	144.26	145	145.45
150	M150x8	M150x8	8	6H	141.34	142.34	144.8	145.25	150	151.61
150	M150x6	M150x6	6	6H	143.51	144.31	146.1	146.5	150	151.27
150	M150x4	M150x4	4	6H	145.67	146.27	147.4	147.74	150	150.91
150	M150x3	M150x3	3	6H	146.75	147.25	148.05	148.35	150	150.73
150	M150x2	M150x2	2	6H	147.84	148.21	148.7	148.95	150	150.54
150	M150x1.5	M150x1.5	1.5	6H	148.38	148.68	149.03	149.26	150	150.45
155	M155x6	M155x6	6	6H	148.51	149.31	151.1	151.5	155	156.27
155	M155x4	M155x4	4	6H	150.67	151.27	152.4	152.74	155	155.91
155	M155x3	M155x3	3	6H	151.75	152.25	153.05	153.35	155	155.73
155	M155x2	M155x2	2	6H	152.84	153.21	153.7	153.95	155	155.54
160	M160x8	M160x8	8	6H	151.34	152.34	154.8	155.25	160	161.61
160	M160x6	M160x6	6	6H	153.51	154.31	156.1	156.5	160	161.27
160	M160x4	M160x4	4	6H	155.67	156.27	157.4	157.74	160	160.91
160	M160x3	M160x3	3	6H	156.75	157.25	158.05	158.35	160	160.73
160	M160x2	M160x2	2	6H	157.84	158.21	158.7	158.95	160	160.54
165	M165x6	M165x6	6	6H	158.51	159.31	161.1	161.5	165	166.27
165	M165x4	M165x4	4	6H	160.67	161.27	162.4	162.74	165	165.91
165	M165x3	M165x3	3	6H	161.75	162.25	163.05	163.35	165	165.73
165	M165x2	M165x2	2	6H	162.84	163.21	163.7	163.95	165	165.54
170	M170x8	M170x8	8	6H	161.34	162.34	164.8	165.25	170	171.61
170	M170x6	M170x6	6	6H	163.51	164.31	166.1	166.5	170	171.27
170	M170x4	M170x4	4	6H	165.67	166.27	167.4	167.74	170	170.91
170	M170x3	M170x3	3	6H	166.75	167.25	168.05	168.35	170	170.73
170	M170x2	M170x2	2	6H	167.84	168.21	168.7	168.95	170	170.54
175	M175x6	M175x6	6	6H	168.51	169.31	171.1	171.5	175	176.27
175	M175x4	M175x4	4	6H	170.67	171.27	172.4	172.74	175	175.91
175	M175x3	M175x3	3	6H	171.75	172.25	173.05	173.35	175	175.73
175	M175x2	M175x2	2	6H	172.84	173.21	173.7	173.95	175	175.54
180	M180x8	M180x8	8	6H	171.34	172.34	174.8	175.25	180	181.61
180	M180x6	M180x6	6	6H	173.51	174.31	176.1	176.5	180	181.27
180	M180x4	M180x4	4	6H	175.67	176.27	177.4	177.74	180	180.91
180	M180x3	M180x3	3	6H	176.75	177.25	178.05	178.35	180	180.73
180	M180x2	M180x2	2	6H	177.84	178.21	178.7	178.95	180	180.54
185	M185x6	M185x6	6	6H	178.51	179.31	181.1	181.53	185	186.29
185	M185x4	M185x4	4	6H	180.67	181.27	182.4	182.78	185	185.95
185	M185x3	M185x3	3	6H	181.75	182.25	183.05	183.39	185	185.77
185	M185x2	M185x2	2	6H	182.84	183.21	183.7	183.98	185	185.57
190	M190x8	M190x8	8	6H	181.34	182.34	184.8	185.28	190	191.63
190	M190x6	M190x6	6	6H	183.51	184.31	186.1	186.53	190	191.29
190	M190x4	M190x4	4	6H	185.67	186.27	187.4	187.78	190	190.95
190	M190x3	M190x3	3	6H	186.75	187.25	188.05	188.39	190	190.77
190	M190x2	M190x2	2	6H	187.84	188.21	188.7	188.98	190	190.57
195	M195x6	M195x6	6	6H	188.51	189.31	191.1	191.53	195	196.29
195	M195x4	M195x4	4	6H	190.67	191.27	192.4	192.78	195	195.95
195	M195x3	M195x3	3	6H	191.75	192.25	193.05	193.39	195	195.77

METRIC THREAD SIZE CHART

INTERNAL (NUT THREAD)

ISO Metric Profile			Internal (Nut Thread)							
Size mm	Thread Designation	Simple Thread Designation	Pitch mm	Class	Major Diameter		Pitch Diameter		Minor Diameter	
					d=D		d2=D2		d3	
					max.	min.	max.	min.	max.	min.
195	M195x2	M195x2	2	6H	192.84	193.21	193.7	193.98	195	195.57
200	M200x8	M200x8	8	6H	191.34	192.34	194.8	195.28	200	201.63
200	M200x6	M200x6	6	6H	193.51	194.31	196.1	196.53	200	201.29
200	M200x4	M200x4	4	6H	195.67	196.27	197.4	197.78	200	200.95
200	M200x3	M200x3	3	6H	196.75	197.25	198.05	198.39	200	200.77
200	M200x2	M200x2	2	6H	197.84	198.21	198.7	198.98	200	200.57
205	M205x6	M205x6	6	6H	198.51	199.31	201.1	201.53	205	206.29
205	M205x4	M205x4	4	6H	200.67	201.27	202.4	202.78	205	205.95
205	M205x3	M205x3	3	6H	201.75	202.25	203.05	203.39	205	205.77
205	M205x2	M205x2	2	6H	202.84	203.21	203.7	203.98	205	205.57
210	M210x8	M210x8	8	6H	201.34	202.34	204.8	205.28	210	211.63
210	M210x6	M210x6	6	6H	203.51	204.31	206.1	206.53	210	211.29
210	M210x4	M210x4	4	6H	205.67	206.27	207.4	207.78	210	210.95
210	M210x3	M210x3	3	6H	206.75	207.25	208.05	208.39	210	210.77
210	M210x2	M210x2	2	6H	207.84	208.21	208.7	208.98	210	210.57
215	M215x6	M215x6	6	6H	208.51	209.31	211.1	211.53	215	216.29
215	M215x4	M215x4	4	6H	210.67	211.27	212.4	212.78	215	215.95
215	M215x3	M215x3	3	6H	211.75	212.25	213.05	213.39	215	215.77
220	M220x8	M220x8	8	6H	211.34	212.34	214.8	215.28	220	221.63
220	M220x6	M220x6	6	6H	213.51	214.31	216.1	216.53	220	221.29
220	M220x4	M220x4	4	6H	215.67	216.27	217.4	217.78	220	220.95
220	M220x3	M220x3	3	6H	216.75	217.25	218.05	218.39	220	220.77
220	M220x2	M220x2	2	6H	217.84	218.21	218.7	218.98	220	220.57
225	M225x6	M225x6	6	6H	218.51	219.31	221.1	221.53	225	226.29
225	M225x4	M225x4	4	6H	220.67	221.27	222.4	222.78	225	225.95
225	M225x3	M225x3	3	6H	221.75	222.25	223.05	223.39	225	225.77
225	M225x2	M225x2	2	6H	222.84	223.21	223.7	223.98	225	225.57
230	M230x6	M230x6	6	6H	223.51	224.31	226.1	226.53	230	231.29
230	M230x4	M230x4	4	6H	225.67	226.27	227.4	227.78	230	230.95
230	M230x3	M230x3	3	6H	226.75	227.25	228.05	228.39	230	230.77
230	M230x2	M230x2	2	6H	227.84	228.21	228.7	228.98	230	230.57
235	M235x6	M235x6	6	6H	228.51	229.31	231.1	231.58	235	236.34
235	M235x4	M235x4	4	6H	230.67	231.27	232.4	232.78	235	235.95
235	M235x3	M235x3	3	6H	231.75	232.25	233.05	233.39	235	235.77
240	M240x8	M240x8	8	6H	231.34	232.34	234.8	235.28	240	241.63
240	M240x6	M240x6	6	6H	233.51	234.31	236.1	236.53	240	241.29
240	M240x4	M240x4	4	6H	235.67	236.27	237.4	237.78	240	240.95
240	M240x3	M240x3	3	6H	236.75	237.25	238.05	238.39	240	240.77
240	M240x2	M240x2	2	6H	237.84	238.21	238.7	238.98	240	240.57
245	M245x6	M245x6	6	6H	238.51	239.31	241.1	241.53	245	246.29
245	M245x4	M245x4	4	6H	240.67	241.27	242.4	242.78	245	245.95
245	M245x3	M245x3	3	6H	241.75	242.25	243.05	243.39	245	245.77
245	M245x2	M245x2	2	6H	242.84	243.21	243.7	243.98	245	245.57
250	M250x8	M250x8	8	6H	241.34	242.34	244.8	245.28	250	251.63
250	M250x6	M250x6	6	6H	243.51	244.31	246.1	246.53	250	251.29
250	M250x4	M250x4	4	6H	245.67	246.27	247.4	247.78	250	250.95
250	M250x3	M250x3	3	6H	246.75	247.25	248.05	248.39	250	250.77

METRIC THREAD SIZE CHART

INTERNAL (NUT THREAD)

ISO Metric Profile			Internal (Nut Thread)							
Size mm	Thread Designation	Simple Thread Designation	Pitch mm	Class	Major Diameter		Pitch Diameter		Minor Diameter	
					d=D		d2=D2		d3	
					max.	min.	max.	min.	max.	min.
250	M250x2	M250x2	2	6H	247.84	248.21	248.7	248.98	250	250.57
255	M255x6	M255x6	6	6H	248.51	249.31	251.1	251.58	255	256.34
255	M255x4	M255x4	4	6H	250.67	251.27	252.4	252.78	255	255.95
255	M255x3	M255x3	3	6H	251.75	252.25	253.05	253.39	255	255.77
260	M260x8	M260x8	8	6H	251.34	252.34	254.8	255.28	260	261.63
260	M260x6	M260x6	6	6H	253.51	254.31	256.1	256.53	260	261.29
260	M260x4	M260x4	4	6H	255.67	256.27	257.4	257.78	260	260.95
260	M260x3	M260x3	3	6H	256.75	257.25	258.05	258.39	260	260.77
265	M265x6	M265x6	6	6H	258.51	259.31	261.1	261.53	265	266.29
265	M265x4	M265x4	4	6H	260.67	261.27	262.4	262.78	265	265.95
265	M265x3	M265x3	3	6H	261.75	262.25	263.05	263.39	265	265.77
270	M270x6	M270x6	6	6H	263.51	264.31	266.1	266.53	270	271.29
270	M270x4	M270x4	4	6H	265.67	266.27	267.4	267.78	270	270.95
270	M270x3	M270x3	3	6H	266.75	267.25	268.05	268.39	270	270.77
275	M275x6	M275x6	6	6H	268.51	269.31	271.1	271.53	275	276.29
275	M275x4	M275x4	4	6H	270.67	271.27	272.4	272.78	275	275.95
275	M275x3	M275x3	3	6H	271.75	272.25	273.05	273.39	275	275.77
280	M280x8	M280x8	8	6H	271.34	272.34	274.8	275.28	280	281.63
280	M280x6	M280x6	6	6H	273.51	274.31	276.1	276.53	280	281.29
280	M280x4	M280x4	4	6H	275.67	276.27	277.4	277.78	280	280.95
280	M280x3	M280x3	3	6H	276.75	277.25	278.05	278.39	280	280.77
285	M285x6	M285x6	6	6H	278.51	279.31	281.1	281.53	285	286.29
285	M285x4	M285x4	4	6H	280.67	281.27	282.4	282.78	285	285.95
285	M285x3	M285x3	3	6H	281.75	282.25	283.05	283.39	285	285.77
290	M290x6	M290x6	6	6H	283.51	284.31	286.1	286.53	290	291.29
290	M290x4	M290x4	4	6H	285.67	286.27	287.4	287.78	290	290.95
290	M290x3	M290x3	3	6H	286.75	287.25	288.05	288.39	290	290.77
295	M295x6	M295x6	6	6H	288.51	289.31	291.1	291.53	295	296.29
295	M295x4	M295x4	4	6H	290.67	291.27	292.4	292.78	295	295.95
295	M295x3	M295x3	3	6H	291.75	292.25	293.05	293.39	295	295.77
300	M300x8	M300x8	8	6H	291.34	292.34	294.8	295.28	300	301.63
300	M300x6	M300x6	6	6H	293.51	294.31	296.1	296.53	300	301.29
300	M300x4	M300x4	4	6H	295.67	296.27	297.4	297.78	300	300.95
300	M300x3	M300x3	3	6H	296.75	297.25	298.05	298.39	300	300.77
310	M310x6	M310x6	6	6H	303.51	304.31	306.1	306.53	310	311.29
310	M310x4	M310x4	4	6H	305.67	306.27	307.4	307.78	310	310.95
320	M320x6	M320x6	6	6H	313.51	314.31	316.1	316.53	320	321.29
320	M320x4	M320x4	4	6H	315.67	316.27	317.4	317.78	320	320.95
330	M330x6	M330x6	6	6H	323.51	324.31	326.1	326.53	330	331.29
330	M330x4	M330x4	4	6H	325.67	326.27	327.4	327.78	330	330.95
340	M340x6	M340x6	6	6H	333.51	334.31	336.1	336.53	340	341.29
340	M340x4	M340x4	4	6H	335.67	336.27	337.4	337.78	340	340.95
350	M350x6	M350x6	6	6H	343.51	344.31	346.1	346.53	350	351.29
350	M350x4	M350x4	4	6H	345.67	346.27	347.4	347.78	350	350.95
360	M360x6	M360x6	6	6H	353.51	354.31	356.1	356.58	360	361.34
360	M360x4	M360x4	4	6H	355.67	356.27	357.4	357.8	360	360.98
370	M370x6	M370x6	6	6H	363.51	364.31	366.1	366.58	370	371.34

METRIC THREAD SIZE CHART

INTERNAL (NUT THREAD)

ISO Metric Profile			Internal (Nut Thread)							
Size mm	Thread Designation	Simple Thread Designation	Pitch mm	Class	Major Diameter		Pitch Diameter		Minor Diameter	
					d=D		d2=D2		d3	
					max.	min.	max.	min.	max.	min.
370	M370x4	M370x4	4	6H	365.67	366.27	367.4	367.8	370	370.98
380	M380x6	M380x6	6	6H	373.51	374.31	376.1	376.58	380	381.34
380	M380x4	M380x4	4	6H	375.67	376.27	377.4	377.8	380	380.98
390	M390x6	M390x6	6	6H	383.51	384.31	386.1	386.58	390	391.34
390	M390x4	M390x4	4	6H	385.67	386.27	387.4	387.8	390	390.98
400	M400x6	M400x6	6	6H	393.51	394.31	396.1	396.58	400	401.34
400	M400x4	M400x4	4	6H	395.67	396.27	397.4	397.8	400	400.98
410	M410x6	M410x6	6	6H	403.51	404.31	406.1	406.58	410	411.34
420	M420x6	M420x6	6	6H	413.51	414.31	416.1	416.58	420	421.34
430	M430x6	M430x6	6	6H	423.51	424.31	426.1	426.58	430	431.34
440	M440x6	M440x6	6	6H	433.51	434.31	436.1	436.58	440	441.34
450	M450x6	M450x6	6	6H	443.51	444.31	446.1	446.58	450	451.34
460	M460x6	M460x6	6	6H	453.51	454.31	456.1	456.58	460	461.34
470	M470x6	M470x6	6	6H	463.51	464.31	466.1	466.58	470	471.34
480	M480x6	M480x6	6	6H	473.51	474.31	476.1	476.58	480	481.34
490	M490x6	M490x6	6	6H	483.51	484.31	486.1	486.58	490	491.34
500	M500x6	M500x6	6	6H	493.51	494.31	496.1	496.58	500	501.34
510	M510x6	M510x6	6	6H	503.51	504.31	506.1	506.58	510	511.34
520	M520x6	M520x6	6	6H	513.51	514.31	516.1	516.58	520	521.34
530	M530x6	M530x6	6	6H	523.51	524.31	526.1	526.58	530	531.34
540	M540x6	M540x6	6	6H	533.51	534.31	536.1	536.58	540	541.34
550	M550x6	M550x6	6	6H	543.51	544.31	546.1	546.58	550	551.34
560	M560x6	M560x6	6	6H	553.51	554.31	556.1	556.58	560	561.34
570	M570x6	M570x6	6	6H	563.51	564.31	566.1	566.58	570	571.34
580	M580x6	M580x6	6	6H	573.51	574.31	576.1	576.58	580	581.34
590	M590x6	M590x6	6	6H	583.51	584.31	586.1	586.58	590	591.34
600	M600x6	M600x6	6	6H	593.51	594.31	596.1	596.58	600	601.34