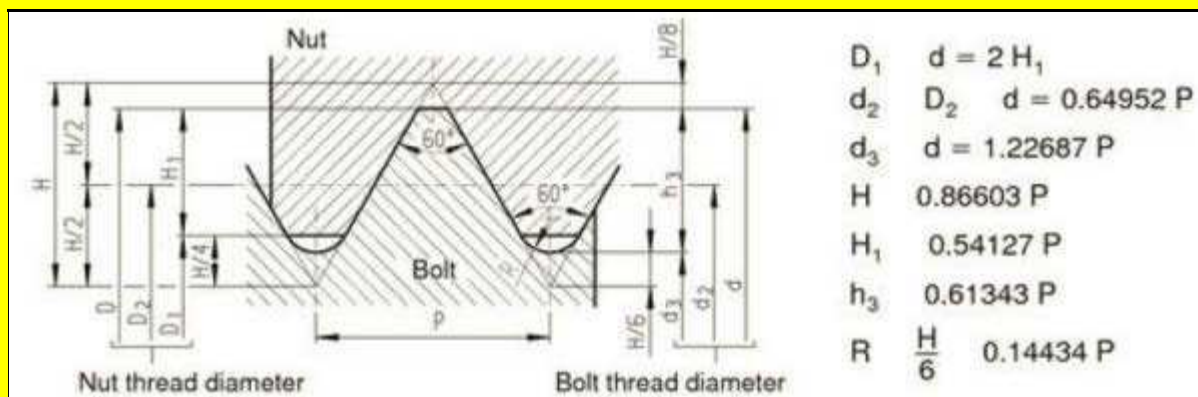


MARYLAND METRICS THREAD DATA CHARTS

METRIC THREAD -- EXTENDED THREAD SIZE RANGE (ISO)



Thread Height Male Thread = h_3 Thread Height Female Thread = H_1

Sorted by thread class

[Click here to return to the thread data chart page index.](#)

ISO Metric profile		External (bolt thread)							Internal (nut thread)						Basic mm			
Size mm	Thread Designation	Simple Thread Designation	Pitch mm	Class	Major Dia d=D		Pitch Dia d2=D2		Minor Dia d3		Class	Minor Dia D1		Pitch Dia d2=D2		Major Dia d=D		Tap Drill
					max.	min.	max.	min.	max.	min.		min.	max.	min.	max.	min.	max.	
0.25	M0.25x0.075	M0.25x0.075	0.075	6g	0.25	0.235	0.201	0.187	0.16	0.14	6H	0.172	0.208	0.201	0.215	0.255	0.276	0.175
0.3	M0.3x0.08	M0.3x0.08	0.08	6g	0.3	0.284	0.248	0.234	0.204	0.183	6H	0.217	0.254	0.248	0.262	0.306	0.327	0.22
0.3	M0.3x0.09	M0.3x0.09	0.09	6g	0.3	0.283	0.242	0.226	0.192	0.17	6H	0.206	0.247	0.242	0.257	0.306	0.33	0.21
0.35	M0.35x0.09	M0.35x0.09	0.09	6g	0.35	0.333	0.292	0.277	0.242	0.22	6H	0.256	0.297	0.292	0.307	0.356	0.38	0.26
0.4	M0.4x0.1	M0.4x0.1	0.1	6g	0.4	0.382	0.335	0.319	0.28	0.256	6H	0.296	0.34	0.335	0.351	0.407	0.432	0.3
0.45	M0.45x0.1	M0.45x0.1	0.1	6g	0.45	0.432	0.385	0.369	0.33	0.306	6H	0.346	0.39	0.385	0.401	0.457	0.482	0.35
0.5	M0.5x0.125	M0.5x0.125	0.125	6g	0.5	0.479	0.419	0.401	0.35	0.322	6H	0.37	0.422	0.419	0.437	0.509	0.538	0.375
0.55	M0.55x0.125	M0.55x0.125	0.125	6g	0.55	0.529	0.469	0.451	0.4	0.372	6H	0.42	0.472	0.469	0.487	0.559	0.588	0.425
0.6	M0.6x0.15	M0.6x0.15	0.15	6g	0.6	0.576	0.503	0.483	0.42	0.388	6H	0.444	0.504	0.503	0.523	0.611	0.644	0.45
0.7	M0.7x0.175	M0.7x0.175	0.175	6g	0.7	0.673	0.586	0.564	0.49	0.454	6H	0.518	0.586	0.586	0.608	0.713	0.75	0.525
0.8	M0.8x0.2	M0.8x0.2	0.2	6g	0.8	0.77	0.67	0.646	0.56	0.52	6H	0.592	0.668	0.67	0.694	0.814	0.856	0.6
0.9	M0.9x0.225	M0.9x0.225	0.225	6g	0.9	0.867	0.754	0.728	0.63	0.586	6H	0.666	0.75	0.754	0.78	0.916	0.962	0.675
1	M1x0.25	M1	0.25	6g	0.982	0.915	0.82	0.767	0.711	0.613	6H	0.729	0.809	0.838	0.909	1	1.107	0.75
1	M1x0.2	M1x0.2	0.2	6g	0.983	0.927	0.853	0.805	0.766	0.682	6H	0.783	0.858	0.87	0.933	1	1.092	0.8
1.1	M1.1x0.25	M1.1x0.25	0.25	6g	1.082	1.015	0.92	0.867	0.811	0.713	6H	0.829	0.909	0.938	1.009	1.1	1.207	0.85
1.1	M1.1x0.2	M1.1x0.2	0.2	6g	1.083	1.027	0.953	0.905	0.866	0.782	6H	0.883	0.958	0.97	1.033	1.1	1.192	0.9
1.2	M1.2x0.25	M1.2	0.25	6g	1.182	1.115	1.02	0.967	0.911	0.813	6H	0.929	1.009	1.038	1.109	1.2	1.307	0.95
1.2	M1.2x0.2	M1.2x0.2	0.2	6g	1.183	1.127	1.053	1.005	0.966	0.882	6H	0.983	1.058	1.07	1.133	1.2	1.292	1
1.4	M1.4x0.3	M1.4	0.3	6g	1.383	1.308	1.253	1.193	1.166	1.07	6H	1.075	1.258	1.27	1.35	1.4	1.509	1.1
1.4	M1.4x0.2	M1.4x0.2	0.2	6g	1.383	1.327	1.253	1.205	1.166	1.082	6H	1.183	1.258	1.27	1.333	1.4	1.492	1.2
1.6	M1.6x0.35	M1.6	0.35	6g	1.581	1.496	1.354	1.291	1.202	1.075	6H	1.221	1.321	1.373	1.458	1.6	1.736	1.25
1.6	M1.6x0.3	M1.6x0.3	0.3	6g	1.582	1.507	1.387	1.342	1.257	1.157	6H	1.275	1.36	1.405	1.465	1.6	1.703	1.3
1.6	M1.6x0.2	M1.6x0.2	0.2	6g	1.583	1.527	1.453	1.403	1.366	1.28	6H	1.383	1.458	1.47	1.537	1.6	1.696	1.4
1.7	M1.7x0.35	M1.7x0.35	0.35	6g	1.681	1.596	1.454	1.391	1.302	1.175	6H	1.321	1.421	1.473	1.558	1.7	1.836	1.35
1.8	M1.8x0.35	M1.8	0.35	6g	1.781	1.696	1.554	1.491	1.402	1.275	6H	1.421	1.521	1.573	1.658	1.8	1.936	1.45

METRIC THREAD -- EXTENDED THREAD SIZE RANGE

Table with 19 columns and 68 rows of metric thread specifications including size, pitch, and dimensions.

METRIC THREAD -- EXTENDED THREAD SIZE RANGE

0.55	M0.55x0.125	M0.55x0.125	0.125	4g6g	0.550	0.529	0.469	0.458	0.400	0.389
0.6	M0.6x0.15	M0.6x0.15	0.15	4g6g	0.600	0.576	0.503	0.490	0.420	0.407
0.7	M0.7x0.175	M0.7x0.175	0.175	4g6g	0.700	0.673	0.586	0.572	0.490	0.476
0.8	M0.8x0.2	M0.8x0.2	0.2	4g6g	0.800	0.770	0.670	0.655	0.560	0.545
0.9	M0.9x0.225	M0.9x0.225	0.225	4g6g	0.900	0.867	0.754	0.738	0.630	0.614
1	M1x0.25	M1	0.25	4g6g	0.982	0.915	0.820	0.787	0.711	0.633
1	M1x0.2	M1x0.2	0.2	4g6g	0.983	0.927	0.853	0.823	0.766	0.700
1.1	M1.1x0.25	M1.1x0.25	0.25	4g6g	1.082	1.015	0.920	0.888	0.811	0.734
1.1	M1.1x0.2	M1.1x0.2	0.2	4g6g	1.083	1.027	0.953	0.923	0.866	0.800
1.2	M1.2x0.25	M1.2	0.25	4g6g	1.182	1.115	1.020	0.987	0.911	0.833
1.2	M1.2x0.2	M1.2x0.2	0.2	4g6g	1.183	1.127	1.053	1.023	0.966	0.900
1.4	M1.4x0.3	M1.4	0.3	4g6g	1.383	1.308	1.253	1.215	1.166	1.092
1.4	M1.4x0.2	M1.4x0.2	0.2	4g6g	1.383	1.327	1.253	1.223	1.166	1.100
1.6	M1.6x0.35	M1.6	0.35	4g6g	1.581	1.496	1.354	1.314	1.202	1.098
1.6	M1.6x0.3	M1.6x0.3	0.3	4g6g	1.582	1.507	1.387	1.359	1.257	1.174
1.6	M1.6x0.2	M1.6x0.2	0.2	4g6g	1.583	1.527	1.453	1.421	1.366	1.298
1.7	M1.7x0.35	M1.7x0.35	0.35	4g6g	1.681	1.596	1.454	1.414	1.302	1.198
1.8	M1.8x0.35	M1.8	0.35	4g6g	1.781	1.696	1.554	1.514	1.402	1.298
1.8	M1.8x0.2	M1.8x0.2	0.2	4g6g	1.783	1.727	1.653	1.621	1.566	1.498
2	M2x0.4	M2	0.4	4g6g	1.981	1.886	1.721	1.679	1.548	1.433
2	M2x0.25	M2x0.25	0.25	4g6g	1.982	1.915	1.820	1.784	1.711	1.630
2.2	M2.2x0.45	M2.2	0.45	4g6g	2.180	2.080	1.888	1.843	1.693	1.566
2.2	M2.2x0.25	M2.2x0.25	0.25	4g6g	2.182	2.115	2.020	1.984	1.911	1.830
2.3	M2.3x0.45	M2.3x0.45	0.45	4g6g	2.280	2.180	1.988	1.943	1.793	1.666
2.3	M2.3x0.4	M2.3x0.4	0.4	4g6g	2.281	2.186	2.021	1.979	1.848	1.733
2.5	M2.5x0.45	M2.5	0.45	4g6g	2.480	2.380	2.188	2.143	1.993	1.866
2.5	M2.5x0.35	M2.5x0.35	0.35	4g6g	2.481	2.396	2.254	2.214	2.102	1.998
2.6	M2.6x0.45	M2.6x0.45	0.45	4g6g	2.580	2.480	2.288	2.243	2.093	1.966
3	M3x0.5	M3	0.5	4g6g	2.980	2.874	2.655	2.607	2.439	2.299
3	M3x0.35	M3x0.35	0.35	4g6g	2.981	2.896	2.754	2.712	2.602	2.496
3.5	M3.5x0.6	M3.5	0.6	4g6g	3.479	3.354	3.089	3.036	2.829	2.667
3.5	M3.5x0.35	M3.5x0.35	0.35	4g6g	3.481	3.396	3.254	3.212	3.102	2.996
4	M4x0.7	M4	0.7	4g6g	3.978	3.838	3.523	3.467	3.220	3.036
4	M4x0.5	M4x0.5	0.5	4g6g	3.980	3.874	3.655	3.607	3.439	3.299
4.5	M4.5x0.75	M4.5x0.75	0.75	4g6g	4.478	4.338	3.991	3.935	3.666	3.473
4.5	M4.5x0.5	M4.5x0.5	0.5	4g6g	4.480	4.374	4.155	4.107	3.939	3.799
5	M5x0.8	M5	0.8	4g6g	4.976	4.826	4.456	4.396	4.110	3.904
5	M5x0.5	M5x0.5	0.5	4g6g	4.980	4.874	4.655	4.607	4.439	4.299
5.5	M5.5x0.5	M5.5x0.5	0.5	4g6g	5.480	5.374	5.155	5.099	4.939	4.791
6	M6x1	M6	1	4g6g	5.974	5.794	5.324	5.253	4.891	4.637
6	M6x0.8	M6x0.8	0.8	4g6g	5.976	5.826	5.456	5.406	5.110	4.914
6	M6x0.75	M6x0.75	0.75	4g6g	5.978	5.838	5.491	5.428	5.166	4.966
6	M6x0.7	M6x0.7	0.7	4g6g	5.978	5.838	5.523	5.463	5.220	5.032
6	M6x0.5	M6x0.5	0.5	4g6g	5.980	5.874	5.655	5.602	5.439	5.294
7	M7x1	M7	1	4g6g	6.974	6.794	6.324	6.253	5.891	5.637
7	M7x0.75	M7x0.75	0.75	4g6g	6.978	6.838	6.491	6.428	6.166	5.966
7	M7x0.5	M7x0.5	0.5	4g6g	6.980	6.874	6.655	6.602	6.439	6.294
8	M8x1.25	M8	1.25	4g6g	7.972	7.760	7.160	7.085	6.619	6.315
8	M8x1	M8x1	1	4g6g	7.974	7.794	7.324	7.253	6.891	6.637
8	M8x0.8	M8x0.8	0.8	4g6g	7.976	7.826	7.456	7.389	7.110	6.897
8	M8x0.75	M8x0.75	0.75	4g6g	7.978	7.838	7.491	7.428	7.166	6.966
8	M8x0.5	M8x0.5	0.5	4g6g	7.980	7.874	7.655	7.602	7.439	7.294
9	M9x1.25	M9x1.25	1.25	4g6g	8.972	8.760	8.160	8.085	7.619	7.315
9	M9x1	M9x1	1	4g6g	8.974	8.794	8.324	8.253	7.891	7.637

METRIC THREAD -- EXTENDED THREAD SIZE RANGE

9	M9x0.75	M9x0.75	0.75	4g6g	8.978	8.838	8.491	8.428	8.166	7.966
9	M9x0.5	M9x0.5	0.5	4g6g	8.980	8.874	8.655	8.602	8.439	8.294
10	M10x1.5	M10	1.5	4g6g	9.968	9.732	8.994	8.909	8.344	7.985
10	M10x1.25	M10x1.25	1.25	4g6g	9.972	9.760	9.160	9.085	8.619	8.315
10	M10x1.12	M10x1.12	1.12	4g6g	9.973	9.783	9.246	9.171	8.761	8.481
10	M10x1	M10x1	1	4g6g	9.974	9.794	9.324	9.253	8.891	8.637
10	M10x0.75	M10x0.75	0.75	4g6g	9.978	9.838	9.491	9.428	9.166	8.966
10	M10x0.5	M10x0.5	0.5	4g6g	9.980	9.874	9.655	9.602	9.439	9.294
11	M11x1.5	M11x1.5	1.5	4g6g	10.968	10.732	9.994	9.911	9.344	8.987
11	M11x1	M11x1	1	4g6g	10.974	10.794	10.324	10.253	9.891	9.637
11	M11x0.75	M11x0.75	0.75	4g6g	10.978	10.838	10.491	10.428	10.166	9.966
11	M11x0.5	M11x0.5	0.5	4g6g	10.980	10.874	10.655	10.602	10.439	10.294
12	M12x1.75	M12	1.75	4g6g	11.966	11.701	10.829	10.734	10.072	9.656
12	M12x1.25	M12x1.25	1.25	4g6g	11.972	11.760	11.160	11.075	10.619	10.305
12	M12x1	M12x1	1	4g6g	11.974	11.794	11.324	11.249	10.891	10.633
12	M12x0.75	M12x0.75	0.75	4g6g	11.978	11.838	11.491	11.424	11.166	10.962
12	M12x0.5	M12x0.5	0.5	4g6g	11.980	11.874	11.655	11.598	11.439	11.290
14	M14x2	M14	2	4g6g	13.962	13.682	12.663	12.563	11.797	11.331
14	M14x1.5	M14x1.5	1.5	4g6g	13.968	13.732	12.994	12.904	12.344	11.980
14	M14x1.25	M14x1.25	1.25	4g6g	13.972	13.760	13.160	13.075	12.619	12.305
14	M14x1	M14x1	1	4g6g	13.974	13.794	13.324	13.250	12.891	12.634
14	M14x0.75	M14x0.75	0.75	4g6g	13.978	13.838	13.491	13.424	13.166	12.962
14	M14x0.5	M14x0.5	0.5	4g6g	13.980	13.874	13.655	13.598	13.439	13.290
15	M15x1.5	M15x1.5	1.5	4g6g	14.968	14.732	13.994	13.904	13.344	12.980
15	M15x1	M15x1	1	4g6g	14.974	14.794	14.324	14.249	13.891	13.633
16	M16x2	M16	2	4g6g	15.962	15.682	14.663	14.563	13.797	13.331
16	M16x1.6	M16x1.6	1.6	4g6g	15.968	15.756	14.929	14.863	14.236	13.877
16	M16x1.5	M16x1.5	1.5	4g6g	15.968	15.732	14.994	14.904	14.344	13.980
16	M16x1.25	M16x1.25	1.25	4g6g	15.972	15.760	15.160	15.075	14.619	14.305
16	M16x1	M16x1	1	4g6g	15.974	15.794	15.324	15.249	14.891	14.633
16	M16x0.75	M16x0.75	0.75	4g6g	15.978	15.838	15.491	15.424	15.166	14.962
16	M16x0.5	M16x0.5	0.5	4g6g	15.980	15.874	15.655	15.599	15.439	15.291
17	M17x1.5	M17x1.5	1.5	4g6g	16.968	16.732	15.994	15.904	15.344	14.980
17	M17x1	M17x1	1	4g6g	16.974	16.794	16.324	16.249	15.891	15.633
18	M18x2.5	M18	2.5	4g6g	17.958	17.623	16.334	16.228	15.252	14.688
18	M18x2	M18x2	2	4g6g	17.962	17.682	16.663	16.563	15.797	15.331
18	M18x1.5	M18x1.5	1.5	4g6g	17.968	17.732	16.994	16.904	16.344	15.980
18	M18x1.25	M18x1.25	1.25	4g6g	17.972	17.760	17.160	17.075	16.619	16.305
18	M18x1	M18x1	1	4g6g	17.974	17.794	17.324	17.249	16.891	16.633
18	M18x0.75	M18x0.75	0.75	4g6g	17.978	17.838	17.491	17.424	17.166	16.962
18	M18x0.5	M18x0.5	0.5	4g6g	17.980	17.874	17.655	17.599	17.439	17.291
20	M20x2.5	M20	2.5	4g6g	19.958	19.623	18.334	18.228	17.252	16.688
20	M20x2	M20x2	2	4g6g	19.962	19.682	18.663	18.562	17.797	17.330
20	M20x1.5	M20x1.5	1.5	4g6g	19.968	19.732	18.994	18.904	18.344	17.980
20	M20x1	M20x1	1	4g6g	19.974	19.794	19.324	19.249	18.891	18.633
20	M20x0.75	M20x0.75	0.75	4g6g	19.978	19.838	19.491	19.424	19.166	18.962
20	M20x0.5	M20x0.5	0.5	4g6g	19.980	19.874	19.655	19.599	19.439	19.291
22	M22x3	M22x3	3	4g6g	21.952	21.577	20.003	19.885	18.704	18.037
22	M22x2.5	M22	2.5	4g6g	21.958	21.623	20.334	20.234	19.252	18.694
22	M22x2	M22x2	2	4g6g	21.962	21.682	20.663	20.563	19.797	19.331
22	M22x1.5	M22x1.5	1.5	4g6g	21.968	21.732	20.994	20.904	20.344	19.980
22	M22x1	M22x1	1	4g6g	21.974	21.794	21.324	21.249	20.891	20.633
22	M22x0.75	M22x0.75	0.75	4g6g	21.978	21.838	21.491	21.424	21.166	20.962
22	M22x0.5	M22x0.5	0.5	4g6g	21.980	21.874	21.655	21.598	21.439	21.290

METRIC THREAD -- EXTENDED THREAD SIZE RANGE

24	M24x3	M24	3	4g6g	23.952	23.557	22.003	21.878	20.704	20.030
24	M24x2.5	M24x2.5	2.5	4g6g	23.958	23.623	22.334	22.214	21.252	20.674
24	M24x2	M24x2	2	4g6g	23.962	23.682	22.663	22.557	21.797	21.325
24	M24x1.5	M24x1.5	1.5	4g6g	23.968	23.732	22.994	22.899	22.344	21.975
24	M24x1	M24x1	1	4g6g	23.974	23.794	23.324	23.244	22.891	22.628
24	M24x0.75	M24x0.75	0.75	4g6g	23.978	23.838	23.491	23.420	23.166	22.958
25	M25x2	M25x2	2	4g6g	24.962	24.682	23.663	23.557	22.797	22.325
25	M25x1.5	M25x1.5	1.5	4g6g	24.968	24.732	23.994	23.899	23.344	22.975
25	M25x1	M25x1	1	4g6g	24.974	24.794	24.324	24.244	23.891	23.628
26	M26x1.5	M26x1.5	1.5	4g6g	25.968	25.732	24.994	24.899	24.344	23.975
27	M27x3	M27	3	4g6g	26.952	26.577	25.003	24.878	23.704	23.030
27	M27x2	M27x2	2	4g6g	26.962	26.682	25.663	25.557	24.797	24.325
27	M27x1.5	M27x1.5	1.5	4g6g	26.968	26.732	25.994	25.899	25.344	24.975
27	M27x1	M27x1	1	4g6g	26.974	26.794	26.324	26.244	25.891	25.628
27	M27x0.75	M27x0.75	0.75	4g6g	26.978	26.838	26.491	26.420	26.166	25.958
28	M28x2	M28x2	2	4g6g	27.962	27.682	26.663	26.557	25.797	25.325
28	M28x1.5	M28x1.5	1.5	4g6g	27.968	27.732	26.994	26.899	26.344	25.975
28	M28x1	M28x1	1	4g6g	27.974	27.794	27.324	27.244	26.891	26.628
30	M30x3.5	M30	3.5	4g6g	29.947	29.522	27.674	27.542	26.158	25.386
30	M30x3	M30x3	3	4g6g	29.952	29.577	28.003	27.878	26.704	26.030
30	M30x2.5	M30x2.5	2.5	4g6g	29.958	29.623	28.334	28.214	27.252	26.674
30	M30x2	M30x2	2	4g6g	29.962	29.682	28.663	28.557	27.797	27.325
30	M30x1.5	M30x1.5	1.5	4g6g	29.968	29.732	28.994	28.899	28.344	27.975
30	M30x1	M30x1	1	4g6g	29.974	29.794	29.324	29.244	28.891	28.628
30	M30x0.75	M30x0.75	0.75	4g6g	29.978	29.838	29.491	29.420	29.166	28.958
32	M32x2	M32x2	2	4g6g	31.962	31.682	30.663	30.557	29.797	29.325
32	M32x1.5	M32x1.5	1.5	4g6g	31.968	31.732	30.994	30.899	30.344	29.975
33	M33x3.5	M33	3.5	4g6g	32.968	32.543	30.695	30.563	29.179	28.407
33	M33x3	M33x3	3	4g6g	32.952	32.577	31.003	30.878	29.704	29.030
33	M33x2	M33x2	2	4g6g	32.962	32.682	31.663	31.557	30.797	30.325
33	M33x1.5	M33x1.5	1.5	4g6g	32.968	32.732	31.994	31.899	31.344	30.975
33	M33x1	M33x1	1	4g6g	32.974	32.794	32.324	32.244	31.891	31.628
33	M33x0.75	M33x0.75	0.75	4g6g	32.978	32.838	32.491	32.420	32.166	31.958
35	M35x1.5	M35x1.5	1.5	4g6g	34.968	34.732	33.994	33.899	33.344	32.975
36	M36x4	M36	4	4g6g	35.940	35.465	33.342	33.202	31.610	30.738
36	M36x3	M36x3	3	4g6g	35.952	35.577	34.003	33.878	32.704	32.030
36	M36x2	M36x2	2	4g6g	35.962	35.682	34.663	34.557	33.797	33.325
36	M36x1.5	M36x1.5	1.5	4g6g	35.968	35.732	34.994	34.899	34.344	33.975
36	M36x1	M36x1	1	4g6g	35.974	35.794	35.324	35.244	34.891	34.628
38	M38x1.5	M38x1.5	1.5	4g6g	37.968	37.732	36.994	36.899	36.344	35.975
39	M39x4	M39	4	4g6g	38.940	38.465	36.342	36.202	34.610	33.738
39	M39x3	M39x3	3	4g6g	38.952	38.577	37.003	36.878	35.704	35.030
39	M39x2	M39x2	2	4g6g	38.962	38.682	37.663	37.557	36.797	36.325
39	M39x1.5	M39x1.5	1.5	4g6g	38.968	38.732	37.994	37.899	37.344	36.975
39	M39x1	M39x1	1	4g6g	38.974	38.794	38.324	38.244	37.891	37.628
40	M40x3	M40x3	3	4g6g	39.952	39.577	38.003	37.878	36.704	36.030
40	M40x2.5	M40x2.5	2.5	4g6g	39.958	39.623	38.334	38.215	37.252	36.674
40	M40x2	M40x2	2	4g6g	39.962	39.682	38.663	38.557	37.797	37.325
40	M40x1.5	M40x1.5	1.5	4g6g	39.968	39.732	38.994	38.899	38.344	37.975
42	M42x4.5	M42	4.5	4g6g	41.937	41.437	39.014	38.864	37.066	36.092
42	M42x4	M42x4	4	4g6g	41.940	41.465	39.342	39.202	37.610	36.738
42	M42x3	M42x3	3	4g6g	41.952	41.577	40.003	39.878	38.704	38.030
42	M42x2	M42x2	2	4g6g	41.962	41.682	40.663	40.557	39.797	39.325
42	M42x1.5	M42x1.5	1.5	4g6g	41.968	41.732	40.994	40.899	40.344	39.975

METRIC THREAD -- EXTENDED THREAD SIZE RANGE

42	M42x1	M42x1	1	4g6g	41.974	41.794	41.324	41.244	40.891	40.628
45	M45x4.5	M45	4.5	4g6g	44.937	44.437	42.014	41.864	40.066	39.092
45	M45x4	M45x4	4	4g6g	44.940	44.465	42.342	42.202	40.610	39.738
45	M45x3	M45x3	3	4g6g	44.952	44.577	43.003	42.878	41.704	41.030
45	M45x2	M45x2	2	4g6g	44.962	44.682	43.663	43.557	42.797	42.325
45	M45x1.5	M45x1.5	1.5	4g6g	44.968	44.732	43.994	43.899	43.344	42.975
45	M45x1	M45x1	1	4g6g	44.974	44.794	44.324	44.244	43.891	43.628
48	M48x5	M48	5	4g6g	47.929	47.399	44.681	44.521	42.516	41.441
48	M48x4	M48x4	4	4g6g	47.940	47.465	45.342	45.192	43.610	42.728
48	M48x3	M48x3	3	4g6g	47.952	47.577	46.003	45.871	44.704	44.023
48	M48x2	M48x2	2	4g6g	47.962	47.682	46.663	46.551	45.797	45.319
48	M48x1.5	M48x1.5	1.5	4g6g	47.968	47.732	46.994	46.894	46.344	45.970
50	M50x4	M50x4	4	4g6g	49.940	49.465	47.342	47.192	45.610	44.728
50	M50x3	M50x3	3	4g6g	49.952	49.577	48.003	47.871	46.704	46.023
50	M50x2	M50x2	2	4g6g	49.962	49.682	48.663	48.551	47.797	47.319
50	M50x1.5	M50x1.5	1.5	4g6g	49.968	49.732	48.994	48.894	48.344	47.970
52	M52x5	M52	5	4g6g	51.929	51.399	48.681	48.531	46.516	45.451
52	M52x4	M52x4	4	4g6g	51.940	51.465	49.342	49.192	47.610	46.728
52	M52x3	M52x3	3	4g6g	51.952	51.577	50.003	49.871	48.704	48.023
52	M52x2	M52x2	2	4g6g	51.962	51.682	50.663	50.551	49.797	49.319
52	M52x1.5	M52x1.5	1.5	4g6g	51.968	51.732	50.994	50.894	50.344	49.970
55	M55x4	M55x4	4	4g6g	54.940	54.465	52.342	52.192	50.610	49.728
55	M55x3	M55x3	3	4g6g	54.952	54.577	53.003	52.871	51.704	51.023
55	M55x2	M55x2	2	4g6g	54.962	54.682	53.663	53.551	52.797	52.319
55	M55x1.5	M55x1.5	1.5	4g6g	54.968	54.732	53.994	53.894	53.344	52.970
56	M56x5.5	M56	5.5	4g6g	55.925	55.365	52.353	52.183	49.971	48.795
56	M56x4	M56x4	4	4g6g	55.940	55.465	53.342	53.192	51.610	50.728
56	M56x3	M56x3	3	4g6g	55.952	55.577	54.003	53.871	52.704	52.023
56	M56x2	M56x2	2	4g6g	55.962	55.682	54.663	54.551	53.797	53.319
56	M56x1.5	M56x1.5	1.5	4g6g	55.968	55.732	54.994	54.894	54.344	53.970
56	M56x1	M56x1	1	4g6g	55.974	55.794	55.324	55.234	54.891	54.618
58	M58x4	M58x4	4	4g6g	57.940	57.465	55.342	55.192	53.610	52.728
58	M58x3	M58x3	3	4g6g	57.952	57.577	56.003	55.871	54.704	54.023
58	M58x2	M58x2	2	4g6g	57.962	57.682	56.663	56.551	55.797	55.319
58	M58x1.5	M58x1.5	1.5	4g6g	57.968	57.732	56.994	56.894	56.344	55.970
60	M60x5.5	M60	5.5	4g6g	59.925	59.365	56.353	56.183	53.971	52.795
60	M60x4	M60x4	4	4g6g	59.940	59.465	57.342	57.192	55.610	54.728
60	M60x3	M60x3	3	4g6g	59.952	59.577	58.003	57.871	56.704	56.023
60	M60x2	M60x2	2	4g6g	59.962	59.682	58.663	58.551	57.797	57.319
60	M60x1.5	M60x1.5	1.5	4g6g	59.968	59.732	58.994	58.894	58.344	57.970
60	M60x1	M60x1	1	4g6g	59.974	59.794	59.324	59.234	58.891	58.618
62	M62x4	M62x4	4	4g6g	61.940	61.465	59.342	59.192	57.610	56.728
62	M62x3	M62x3	3	4g6g	61.952	61.577	60.003	59.871	58.704	58.023
62	M62x2	M62x2	2	4g6g	61.962	61.682	60.663	60.551	59.797	59.319
62	M62x1.5	M62x1.5	1.5	4g6g	61.968	61.732	60.994	60.894	60.344	59.970
63	M63x1.5	M63x1.5	1.5	4g6g	62.968	62.732	61.994	61.894	61.344	60.970
64	M64x6	M64	6	4g6g	63.920	63.320	60.023	59.843	57.425	56.147
64	M64x5.5	M64x5.5	5.5	4g6g	63.925	63.365	60.353	60.183	57.971	56.795
64	M64x4	M64x4	4	4g6g	63.940	63.465	61.342	61.192	59.610	58.728
64	M64x3	M64x3	3	4g6g	63.952	63.577	62.003	61.871	60.704	60.023
64	M64x2	M64x2	2	4g6g	63.962	63.682	62.663	62.551	61.797	61.319
64	M64x1.5	M64x1.5	1.5	4g6g	63.968	63.732	62.994	62.894	62.344	61.970
64	M64x1	M64x1	1	4g6g	63.974	63.794	63.324	63.234	62.891	62.618
65	M65x4	M65x4	4	4g6g	64.940	64.465	62.342	62.192	60.610	59.728

METRIC THREAD -- EXTENDED THREAD SIZE RANGE

65	M65x3	M65x3	3	4g6g	64.952	64.577	63.003	62.871	61.704	61.023
65	M65x2	M65x2	2	4g6g	64.962	64.682	63.663	63.551	62.797	62.319
65	M65x1.5	M65x1.5	1.5	4g6g	64.968	64.732	63.994	63.894	63.344	62.970
68	M68x6	M68x6	6	4g6g	67.920	67.320	64.023	63.843	61.425	60.147
68	M68x4	M68x4	4	4g6g	67.940	67.465	65.342	65.192	63.610	62.728
68	M68x3	M68x3	3	4g6g	67.952	67.577	66.003	65.871	64.704	64.023
68	M68x2	M68x2	2	4g6g	67.962	67.682	66.663	66.551	65.797	65.319
68	M68x1.5	M68x1.5	1.5	4g6g	67.968	67.732	66.994	66.894	66.344	65.970
68	M68x1	M68x1	1	4g6g	67.974	67.794	67.324	67.234	66.891	66.618
70	M70x6	M70x6	6	4g6g	69.920	69.320	66.023	65.843	63.425	62.147
70	M70x4	M70x4	4	4g6g	69.940	69.465	67.342	67.192	65.610	64.728
70	M70x3	M70x3	3	4g6g	69.952	69.577	68.003	67.871	66.704	66.023
70	M70x2	M70x2	2	4g6g	69.962	69.682	68.663	68.551	67.797	67.319
70	M70x1.5	M70x1.5	1.5	4g6g	69.968	69.732	68.994	68.894	68.344	67.970
72	M72x6	M72x6	6	4g6g	71.920	71.320	68.023	67.843	65.425	64.147
72	M72x4	M72x4	4	4g6g	71.940	71.465	69.342	69.192	67.610	66.728
72	M72x3	M72x3	3	4g6g	71.952	71.577	70.003	69.871	68.704	68.023
72	M72x2	M72x2	2	4g6g	71.962	71.682	70.663	70.551	69.797	69.319
72	M72x1.5	M72x1.5	1.5	4g6g	71.968	71.732	70.994	70.894	70.344	69.970
72	M72x1	M72x1	1	4g6g	71.974	71.794	71.324	71.234	70.891	70.618
75	M75x6	M75x6	6	4g6g	74.920	74.320	71.023	70.843	68.425	67.147
75	M75x4	M75x4	4	4g6g	74.940	74.465	72.342	72.192	70.610	69.728
75	M75x3	M75x3	3	4g6g	74.952	74.577	73.003	72.871	71.704	71.023
75	M75x2	M75x2	2	4g6g	74.962	74.682	73.663	73.551	72.797	72.319
75	M75x1.5	M75x1.5	1.5	4g6g	74.968	74.732	73.994	73.894	73.344	72.970
76	M76x6	M76x6	6	4g6g	75.920	75.320	72.023	71.843	69.425	68.147
76	M76x4	M76x4	4	4g6g	75.940	75.465	73.342	73.192	71.610	70.728
76	M76x3	M76x3	3	4g6g	75.952	75.577	74.003	73.871	72.704	72.023
76	M76x2	M76x2	2	4g6g	75.962	75.682	74.663	74.551	73.797	73.319
76	M76x1.5	M76x1.5	1.5	4g6g	75.968	75.732	74.994	74.894	74.344	73.970
76	M76x1	M76x1	1	4g6g	75.974	75.794	75.324	75.234	74.891	74.618
78	M78x2	M78x2	2	4g6g	77.962	77.682	76.663	76.551	75.797	75.319
80	M80x6	M80x6	6	4g6g	79.920	79.320	76.023	75.843	73.425	72.147
80	M80x4	M80x4	4	4g6g	79.940	79.340	77.342	77.192	75.610	74.728
80	M80x3	M80x3	3	4g6g	79.952	79.577	78.003	77.871	76.704	76.023
80	M80x2	M80x2	2	4g6g	79.962	79.682	78.663	78.551	77.797	77.319
80	M80x1.5	M80x1.5	1.5	4g6g	79.968	79.732	78.994	78.894	78.334	77.970
80	M80x1	M80x1	1	4g6g	79.974	79.794	79.324	79.234	78.891	78.618
82	M82x2	M82x2	2	4g6g	81.962	81.682	80.663	80.551	79.797	79.319
85	M85x6	M85x6	6	4g6g	84.920	84.320	81.023	80.843	78.425	77.147
85	M85x4	M85x4	4	4g6g	84.940	84.465	82.342	82.192	80.610	79.728
85	M85x3	M85x3	3	4g6g	84.952	84.577	83.003	82.871	81.704	81.023
85	M85x2	M85x2	2	4g6g	84.962	84.682	83.663	83.551	82.797	82.319
85	M85x1.5	M85x1.5	1.5	4g6g	84.968	84.732	83.994	83.894	83.344	82.970
90	M90x6	M90x6	6	4g6g	89.920	89.320	86.023	85.843	83.425	82.147
90	M90x4	M90x4	4	4g6g	89.940	89.465	87.342	87.192	85.610	84.728
90	M90x3	M90x3	3	4g6g	89.952	89.577	88.003	87.871	86.704	86.023
90	M90x2	M90x2	2	4g6g	89.962	89.682	88.663	88.551	87.797	87.319
90	M90x1.5	M90x1.5	1.5	4g6g	89.968	89.732	88.994	88.894	88.344	87.970
95	M95x6	M95x6	6	4g6g	94.920	94.320	91.023	90.833	88.425	87.137
95	M95x4	M95x4	4	4g6g	94.940	94.465	92.342	92.182	90.610	89.718
95	M95x3	M95x3	3	4g6g	94.952	94.577	93.003	92.863	91.704	91.015
95	M95x2	M95x2	2	4g6g	94.962	94.682	93.663	93.545	92.797	92.313
95	M95x1.5	M95x1.5	1.5	4g6g	94.968	94.732	93.994	93.882	93.344	92.958

METRIC THREAD -- EXTENDED THREAD SIZE RANGE

100	M100x6	M100x6	6	4g6g	99.920	99.320	96.023	95.833	93.425	92.137
100	M100x4	M100x4	4	4g6g	99.940	99.465	97.342	97.182	95.610	94.718
100	M100x3	M100x3	3	4g6g	99.952	99.577	98.003	97.863	96.704	96.015
100	M100x2	M100x2	2	4g6g	99.962	99.682	98.663	98.545	97.797	97.313
100	M100x1.5	M100x1.5	1.5	4g6g	99.968	99.732	98.994	98.882	98.344	97.958
105	M105x6	M105x6	6	4g6g	104.920	104.320	101.023	100.833	98.425	97.137
105	M105x4	M105x4	4	4g6g	104.940	104.465	102.342	102.182	100.610	99.718
105	M105x3	M105x3	3	4g6g	104.952	104.577	103.003	102.863	101.704	101.015
105	M105x2	M105x2	2	4g6g	104.962	104.682	103.663	103.545	102.797	102.313
105	M105x1.5	M105x1.5	1.5	4g6g	104.968	104.732	103.994	103.882	103.344	102.958
110	M110x6	M110x6	6	4g6g	109.920	109.320	106.023	105.833	103.425	102.137
110	M110x4	M110x4	4	4g6g	109.940	109.465	107.342	107.182	105.610	104.718
110	M110x3	M110x3	3	4g6g	109.952	109.577	108.003	107.863	106.704	106.015
110	M110x2	M110x2	2	4g6g	109.962	109.682	108.663	108.545	107.797	107.313
110	M110x1.5	M110x1.5	1.5	4g6g	109.968	109.732	108.994	108.882	108.344	107.958
115	M115x6	M115x6	6	4g6g	114.920	114.320	111.023	110.833	108.425	107.137
115	M115x4	M115x4	4	4g6g	114.940	114.465	112.342	112.182	110.610	109.718
115	M115x3	M115x3	3	4g6g	114.952	114.577	113.003	112.863	111.704	111.015
115	M115x2	M115x2	2	4g6g	114.962	114.682	113.663	113.543	112.797	112.311
115	M115x1.5	M115x1.5	1.5	4g6g	114.968	114.732	113.994	113.882	113.344	112.958
120	M120x6	M120x6	6	4g6g	119.920	119.320	116.023	115.833	113.425	112.137
120	M120x4	M120x4	4	4g6g	119.940	119.465	117.342	117.182	115.610	114.718
120	M120x3	M120x3	3	4g6g	119.952	119.577	118.003	117.863	116.704	116.015
120	M120x2	M120x2	2	4g6g	119.962	119.682	118.663	118.545	117.797	117.313
120	M120x1.5	M120x1.5	1.5	4g6g	119.968	119.732	118.994	118.882	118.344	117.958
125	M125x8	M125x8	8	4g6g	124.900	124.190	119.704	119.492	116.240	114.564
125	M125x6	M125x6	6	4g6g	124.920	124.320	121.023	120.833	118.425	117.137
125	M125x4	M125x4	4	4g6g	124.940	124.465	122.342	122.182	120.610	119.718
125	M125x3	M125x3	3	4g6g	124.952	124.577	123.003	122.863	121.704	121.015
125	M125x2	M125x2	2	4g6g	124.962	124.682	123.663	123.543	122.797	122.311
125	M125x1.5	M125x1.5	1.5	4g6g	124.968	124.732	123.994	123.882	123.344	122.958
130	M130x8	M130x8	8	4g6g	129.900	129.190	124.704	124.492	121.240	119.564
130	M130x6	M130x6	6	4g6g	129.920	129.320	126.023	125.833	123.425	122.137
130	M130x4	M130x4	4	4g6g	129.940	129.465	127.342	127.182	125.610	124.718
130	M130x3	M130x3	3	4g6g	129.952	129.577	128.003	127.863	126.704	126.015
130	M130x2	M130x2	2	4g6g	129.962	129.682	128.663	128.545	127.797	127.313
130	M130x1.5	M130x1.5	1.5	4g6g	129.968	129.732	128.994	128.882	128.344	127.958
135	M135x6	M135x6	6	4g6g	134.920	134.320	131.023	130.833	128.425	127.137
135	M135x4	M135x4	4	4g6g	134.940	134.465	132.342	132.182	130.610	129.718
135	M135x3	M135x3	3	4g6g	134.952	134.577	133.003	132.863	131.704	131.015
135	M135x2	M135x2	2	4g6g	134.962	134.682	133.663	133.543	132.797	132.311
135	M135x1.5	M135x1.5	1.5	4g6g	134.968	134.732	133.994	133.882	133.344	132.958
140	M140x8	M140x8	8	4g6g	139.900	139.190	134.704	134.492	131.240	129.564
140	M140x6	M140x6	6	4g6g	139.920	139.320	136.023	135.833	133.425	132.137
140	M140x4	M140x4	4	4g6g	139.940	139.465	137.342	137.182	135.610	134.718
140	M140x3	M140x3	3	4g6g	139.952	139.577	138.003	137.863	136.704	136.015
140	M140x2	M140x2	2	4g6g	139.962	139.682	138.663	138.545	137.797	137.313
140	M140x1.5	M140x1.5	1.5	4g6g	139.968	139.732	138.994	138.882	138.344	137.958
145	M145x6	M145x6	6	4g6g	144.920	144.320	141.023	140.833	138.425	137.137
145	M145x4	M145x4	4	4g6g	144.940	144.465	142.342	142.182	140.610	139.718
145	M145x3	M145x3	3	4g6g	144.952	144.577	143.003	142.863	141.704	141.015
145	M145x2	M145x2	2	4g6g	144.962	144.682	143.663	143.543	142.797	142.311
145	M145x1.5	M145x1.5	1.5	4g6g	144.968	144.732	143.994	143.882	143.344	142.958
150	M150x8	M150x8	8	4g6g	149.900	149.190	144.704	144.492	141.240	139.564

METRIC THREAD -- EXTENDED THREAD SIZE RANGE

150	M150x6	M150x6	6	4g6g	149.920	149.320	146.023	145.833	143.425	142.137
150	M150x4	M150x4	4	4g6g	149.940	149.465	147.342	147.182	145.610	144.718
150	M150x3	M150x3	3	4g6g	149.952	149.577	148.003	147.863	146.704	146.015
150	M150x2	M150x2	2	4g6g	149.962	149.682	148.663	148.545	147.797	147.313
150	M150x1.5	M150x1.5	1.5	4g6g	149.968	149.732	148.994	148.882	148.344	147.958
155	M155x6	M155x6	6	4g6g	154.920	154.320	151.023	150.833	148.425	147.137
155	M155x4	M155x4	4	4g6g	154.940	154.465	152.342	152.182	150.610	149.718
155	M155x3	M155x3	3	4g6g	154.952	154.577	153.003	152.863	151.704	151.015
155	M155x2	M155x2	2	4g6g	154.962	154.682	153.663	153.543	152.797	152.311
160	M160x8	M160x8	8	4g6g	159.900	159.190	154.704	154.492	151.240	149.564
160	M160x6	M160x6	6	4g6g	159.920	159.320	156.023	155.833	153.425	152.137
160	M160x4	M160x4	4	4g6g	159.940	159.465	157.342	157.182	155.610	154.718
160	M160x3	M160x3	3	4g6g	159.952	159.577	158.003	157.863	156.704	156.015
160	M160x2	M160x2	2	4g6g	159.962	159.682	158.663	158.543	157.797	157.311
165	M165x6	M165x6	6	4g6g	164.920	164.320	161.023	160.833	158.425	157.137
165	M165x4	M165x4	4	4g6g	164.940	164.465	162.342	162.182	160.610	159.718
165	M165x3	M165x3	3	4g6g	164.952	164.577	163.003	162.863	161.704	161.015
165	M165x2	M165x2	2	4g6g	164.962	164.682	163.663	163.543	162.797	162.311
170	M170x8	M170x8	8	4g6g	169.900	169.190	164.704	164.492	161.240	159.564
170	M170x6	M170x6	6	4g6g	169.920	169.320	166.023	165.833	163.425	162.137
170	M170x4	M170x4	4	4g6g	169.940	169.465	167.342	167.182	165.610	164.718
170	M170x3	M170x3	3	4g6g	169.952	169.577	168.003	167.863	166.704	166.015
170	M170x2	M170x2	2	4g6g	169.962	169.682	168.663	168.543	167.797	167.311
175	M175x6	M175x6	6	4g6g	174.920	174.320	171.023	170.833	168.425	167.137
175	M175x4	M175x4	4	4g6g	174.940	174.465	172.342	172.182	170.610	169.718
175	M175x3	M175x3	3	4g6g	174.952	174.577	173.003	172.862	171.704	171.014
175	M175x2	M175x2	2	4g6g	174.962	174.682	173.663	173.543	172.797	172.311
180	M180x8	M180x8	8	4g6g	179.900	179.190	174.704	174.492	171.240	169.564
180	M180x6	M180x6	6	4g6g	179.920	179.320	176.023	175.833	173.425	172.137
180	M180x4	M180x4	4	4g6g	179.940	179.465	177.342	177.182	175.610	174.718
180	M180x3	M180x3	3	4g6g	179.952	179.577	178.003	177.863	176.704	176.015
180	M180x2	M180x2	2	4g6g	179.962	179.682	178.663	178.543	177.797	177.311
185	M185x6	M185x6	6	4g6g	184.920	184.320	181.023	180.823	178.425	177.127
185	M185x4	M185x4	4	4g6g	184.940	184.465	182.342	182.162	180.610	179.698
185	M185x3	M185x3	3	4g6g	184.952	184.577	183.003	182.843	181.704	180.995
185	M185x2	M185x2	2	4g6g	184.962	184.682	183.663	183.531	182.797	182.299
190	M190x8	M190x8	8	4g6g	189.900	189.190	184.704	184.480	181.240	179.552
190	M190x6	M190x6	6	4g6g	189.920	189.320	186.023	185.823	183.425	182.127
190	M190x4	M190x4	4	4g6g	189.940	189.465	187.342	187.162	185.610	184.698
190	M190x3	M190x3	3	4g6g	189.952	189.577	188.003	187.843	186.704	185.995
190	M190x2	M190x2	2	4g6g	189.962	189.682	188.663	188.531	187.797	187.299
195	M195x6	M195x6	6	4g6g	194.920	194.320	191.023	190.823	188.425	187.127
195	M195x4	M195x4	4	4g6g	194.940	194.465	192.342	192.162	190.610	189.698
195	M195x3	M195x3	3	4g6g	194.952	194.577	193.003	192.843	191.704	190.995
195	M195x2	M195x2	2	4g6g	194.962	194.682	193.663	193.531	192.797	192.299
200	M200x8	M200x8	8	4g6g	199.900	199.190	194.704	194.480	191.240	189.552
200	M200x6	M200x6	6	4g6g	199.920	199.320	196.023	195.823	193.425	192.127
200	M200x4	M200x4	4	4g6g	199.940	199.465	197.342	197.162	195.610	194.698
200	M200x3	M200x3	3	4g6g	199.952	199.577	198.003	197.843	196.704	195.995
200	M200x2	M200x2	2	4g6g	199.962	199.682	198.663	198.531	197.797	197.299
205	M205x6	M205x6	6	4g6g	204.920	204.320	201.023	200.823	198.425	197.127
205	M205x4	M205x4	4	4g6g	204.940	204.465	202.342	202.162	200.610	199.698
205	M205x3	M205x3	3	4g6g	204.952	204.577	203.003	202.843	201.704	200.995
205	M205x2	M205x2	2	4g6g	204.962	204.682	203.663	203.531	202.797	202.299

METRIC THREAD -- EXTENDED THREAD SIZE RANGE

210	M210x8	M210x8	8	4g6g	209.900	209.190	204.704	204.480	201.240	199.552
210	M210x6	M210x6	6	4g6g	209.920	209.320	206.023	205.823	203.425	202.127
210	M210x4	M210x4	4	4g6g	209.940	209.465	207.342	207.162	205.610	204.698
210	M210x3	M210x3	3	4g6g	209.952	209.577	208.003	207.843	206.704	205.995
210	M210x2	M210x2	2	4g6g	209.962	209.682	208.663	208.531	207.797	207.299
215	M215x6	M215x6	6	4g6g	214.920	214.320	211.023	210.823	208.425	207.127
215	M215x4	M215x4	4	4g6g	214.940	214.465	212.342	212.162	210.610	209.698
215	M215x3	M215x3	3	4g6g	214.952	214.577	213.003	212.843	211.704	210.995
220	M220x8	M220x8	8	4g6g	219.900	219.190	214.704	214.480	211.240	209.552
220	M220x6	M220x6	6	4g6g	219.920	219.320	216.023	215.823	213.425	212.127
220	M220x4	M220x4	4	4g6g	219.940	219.465	217.342	217.162	215.610	214.698
220	M220x3	M220x3	3	4g6g	219.952	219.577	218.003	217.843	216.704	215.995
220	M220x2	M220x2	2	4g6g	219.962	219.682	218.663	218.531	217.797	217.299
225	M225x6	M225x6	6	4g6g	224.920	224.545	221.023	220.823	218.425	217.127
225	M225x4	M225x4	4	4g6g	224.940	224.465	222.342	222.162	220.610	219.698
225	M225x3	M225x3	3	4g6g	224.952	224.577	223.003	222.843	221.704	220.995
225	M225x2	M225x2	2	4g6g	224.962	224.682	223.663	223.531	222.797	222.299
230	M230x6	M230x6	6	4g6g	229.920	229.320	226.023	225.823	223.425	222.127
230	M230x4	M230x4	4	4g6g	229.940	229.465	227.342	227.162	225.610	224.698
230	M230x3	M230x3	3	4g6g	229.952	229.577	228.003	227.843	226.704	225.995
230	M230x2	M230x2	2	4g6g	229.962	229.682	228.663	228.531	227.797	227.299
235	M235x6	M235x6	6	4g6g	234.920	234.320	231.023	230.799	228.425	227.103
235	M235x4	M235x4	4	4g6g	234.940	234.465	232.342	232.162	230.610	229.698
235	M235x3	M235x3	3	4g6g	234.952	234.577	233.003	232.843	231.704	230.995
240	M240x8	M240x8	8	4g6g	239.900	239.190	234.704	234.480	231.240	229.552
240	M240x6	M240x6	6	4g6g	239.920	239.320	236.023	235.823	233.425	232.127
240	M240x4	M240x4	4	4g6g	239.940	239.465	237.342	237.162	235.610	234.698
240	M240x3	M240x3	3	4g6g	239.952	239.577	238.003	237.843	236.704	235.995
240	M240x2	M240x2	2	4g6g	239.962	239.682	238.663	238.531	237.797	237.299
245	M245x6	M245x6	6	4g6g	244.920	244.320	241.023	240.823	238.425	237.127
245	M245x4	M245x4	4	4g6g	244.940	244.465	242.342	242.162	240.610	239.698
245	M245x3	M245x3	3	4g6g	244.952	244.577	243.003	242.843	241.704	240.995
245	M245x2	M245x2	2	4g6g	244.962	244.682	243.663	243.531	242.797	242.299
250	M250x8	M250x8	8	4g6g	249.900	249.190	244.704	244.480	241.240	239.552
250	M250x6	M250x6	6	4g6g	249.920	249.320	246.023	245.823	243.425	242.127
250	M250x4	M250x4	4	4g6g	249.940	249.465	247.342	247.162	245.610	244.698
250	M250x3	M250x3	3	4g6g	249.952	249.577	248.003	247.843	246.704	245.995
250	M250x2	M250x2	2	4g6g	249.962	249.682	248.663	248.531	247.797	247.299
255	M255x6	M255x6	6	4g6g	254.920	254.320	251.023	250.799	248.425	247.103
255	M255x4	M255x4	4	4g6g	254.940	254.465	252.342	252.162	250.610	249.698
255	M255x3	M255x3	3	4g6g	254.952	254.577	253.003	252.843	251.704	250.995
260	M260x8	M260x8	8	4g6g	259.900	259.190	254.704	254.480	251.240	249.552
260	M260x6	M260x6	6	4g6g	259.920	259.320	256.023	255.823	253.425	252.127
260	M260x4	M260x4	4	4g6g	259.940	259.465	257.342	257.162	255.610	254.698
260	M260x3	M260x3	3	4g6g	259.952	259.577	258.003	257.843	256.704	255.995
265	M265x6	M265x6	6	4g6g	264.920	264.320	261.023	260.823	258.425	257.127
265	M265x4	M265x4	4	4g6g	264.940	264.465	262.342	262.162	260.610	259.698
265	M265x3	M265x3	3	4g6g	264.952	264.577	263.003	262.843	261.704	260.995
270	M270x6	M270x6	6	4g6g	269.920	269.320	266.023	265.823	263.425	262.127
270	M270x4	M270x4	4	4g6g	269.940	269.465	267.342	267.162	265.610	264.698
270	M270x3	M270x3	3	4g6g	269.952	269.577	268.003	267.843	266.704	265.995
275	M275x6	M275x6	6	4g6g	274.920	274.320	271.023	270.823	268.425	267.127
275	M275x4	M275x4	4	4g6g	274.940	274.465	272.342	272.162	270.610	269.698
275	M275x3	M275x3	3	4g6g	274.952	274.577	273.003	272.843	271.704	270.995

METRIC THREAD -- EXTENDED THREAD SIZE RANGE

280	M280x8	M280x8	8	4g6g	279.900	279.190	274.704	274.480	271.240	269.552
280	M280x6	M280x6	6	4g6g	279.920	279.320	276.023	275.823	273.425	272.127
280	M280x4	M280x4	4	4g6g	279.940	279.465	277.342	277.162	275.610	274.698
280	M280x3	M280x3	3	4g6g	279.952	279.577	278.003	277.843	276.704	275.995
285	M285x6	M285x6	6	4g6g	284.920	284.320	281.023	280.823	278.425	277.127
285	M285x4	M285x4	4	4g6g	284.940	284.465	282.342	282.162	280.610	279.698
285	M285x3	M285x3	3	4g6g	284.952	284.577	283.003	282.843	281.704	280.995
290	M290x6	M290x6	6	4g6g	289.920	289.320	286.023	285.823	283.425	282.127
290	M290x4	M290x4	4	4g6g	289.940	289.465	287.342	287.162	285.610	284.698
290	M290x3	M290x3	3	4g6g	289.952	289.577	288.003	287.843	286.704	285.995
295	M295x6	M295x6	6	4g6g	294.920	294.320	291.023	290.823	288.425	287.127
295	M295x4	M295x4	4	4g6g	294.940	294.465	292.342	292.162	290.610	289.698
295	M295x3	M295x3	3	4g6g	294.952	294.577	293.003	292.843	291.704	290.995
300	M300x8	M300x8	8	4g6g	299.900	299.190	294.704	294.480	291.240	289.552
300	M300x6	M300x6	6	4g6g	299.920	299.320	296.023	295.823	293.425	292.127
300	M300x4	M300x4	4	4g6g	299.940	299.465	297.342	297.162	295.610	294.698
300	M300x3	M300x3	3	4g6g	299.952	299.577	298.003	297.843	296.704	295.995
310	M310x6	M310x6	6	4g6g	309.920	309.320	306.023	305.823	303.425	302.127
310	M310x4	M310x4	4	4g6g	309.940	309.465	307.342	307.162	305.610	304.698
320	M320x6	M320x6	6	4g6g	319.920	319.320	316.023	315.823	313.425	312.127
320	M320x4	M320x4	4	4g6g	319.940	319.465	317.342	317.162	315.610	314.698
330	M330x6	M330x6	6	4g6g	329.920	329.320	326.023	325.823	323.425	322.127
330	M330x4	M330x4	4	4g6g	329.940	329.465	327.342	327.162	325.610	324.698
340	M340x6	M340x6	6	4g6g	339.920	339.320	336.023	335.823	333.425	332.127
340	M340x4	M340x4	4	4g6g	339.940	339.465	337.342	337.162	335.610	334.698
350	M350x6	M350x6	6	4g6g	349.920	349.320	346.023	345.823	343.425	342.127
350	M350x4	M350x4	4	4g6g	349.940	349.465	347.342	347.162	345.610	344.698
360	M360x6	M360x6	6	4g6g	359.920	359.320	356.023	355.799	353.425	352.103
360	M360x4	M360x4	4	4g6g	359.940	359.465	357.342	357.152	355.610	354.688
370	M370x6	M370x6	6	4g6g	369.920	369.320	366.023	365.799	363.425	362.103
370	M370x4	M370x4	4	4g6g	369.940	369.465	367.342	367.152	365.610	364.688
380	M380x6	M380x6	6	4g6g	379.920	379.320	376.023	375.799	373.425	372.103
380	M380x4	M380x4	4	4g6g	379.940	379.465	377.342	377.152	375.610	374.688
390	M390x6	M390x6	6	4g6g	389.920	389.320	386.023	385.799	383.425	382.103
390	M390x4	M390x4	4	4g6g	389.940	389.465	387.342	387.152	385.610	384.688
400	M400x6	M400x6	6	4g6g	399.920	399.320	396.023	395.799	393.425	392.103
400	M400x4	M400x4	4	4g6g	399.940	399.465	397.342	397.152	395.610	394.688
410	M410x6	M410x6	6	4g6g	409.920	409.320	406.023	405.799	403.425	402.103
420	M420x6	M420x6	6	4g6g	419.920	419.320	416.023	415.799	413.425	412.103
430	M430x6	M430x6	6	4g6g	429.920	429.320	426.023	425.799	423.425	422.103
440	M440x6	M440x6	6	4g6g	439.920	439.320	436.023	435.799	433.425	432.103
450	M450x6	M450x6	6	4g6g	449.920	449.320	446.023	445.799	443.425	442.103
460	M460x6	M460x6	6	4g6g	459.920	459.320	456.023	455.799	453.425	452.103
470	M470x6	M470x6	6	4g6g	469.920	469.320	466.023	465.799	463.425	462.103
480	M480x6	M480x6	6	4g6g	479.920	479.320	476.023	475.799	473.425	472.103
490	M490x6	M490x6	6	4g6g	489.920	489.320	486.023	485.799	483.425	482.103
500	M500x6	M500x6	6	4g6g	499.920	499.320	496.023	495.799	493.425	492.103
510	M510x6	M510x6	6	4g6g	509.920	509.320	506.023	505.799	503.425	502.103
520	M520x6	M520x6	6	4g6g	519.920	519.320	516.023	515.799	513.425	512.103
530	M530x6	M530x6	6	4g6g	529.920	529.320	526.023	525.799	523.425	522.103
540	M540x6	M540x6	6	4g6g	539.920	539.320	536.023	535.799	533.425	532.103
550	M550x6	M550x6	6	4g6g	549.920	549.320	546.023	545.799	543.425	542.103
560	M560x6	M560x6	6	4g6g	559.920	559.320	556.023	555.799	553.425	552.103
570	M570x6	M570x6	6	4g6g	569.920	569.320	566.023	565.799	563.425	562.103

580	M580x6	M580x6	6	4g6g	579.920	579.320	576.023	575.799	573.425	572.103
590	M590x6	M590x6	6	4g6g	589.920	589.320	586.023	585.799	583.425	582.103
600	M600x6	M600x6	6	4g6g	599.920	599.320	596.023	595.799	593.425	592.103

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