

# Limits for Metric (Standard) Coarse Threads (bolts)



Bolts tolerance class: 6g \*

Thread	Normal Engagement Length		Major Diameter		Pitch Diameter		Minor Diameter**	
	from	to	max.	min.	max.	min.	max.	min.
M 1	0.6	1.7	1.000	0.933	0.838	0.785	0.693	0.630
M 1.2	0.6	1.7	1.200	1.133	1.038	0.985	0.893	0.830
M 1.4	0.7	2	1.400	1.325	1.205	1.149	1.032	0.964
M 1.6	0.8	2.6	1.581	1.496	1.354	1.291	1.151	1.075
M 1.8	0.8	2.6	1.781	1.696	1.554	1.491	1.352	1.275
M 2	1	3	1.981	1.886	1.721	1.654	1.490	1.407
M 2.5	1.3	3.8	2.480	2.380	2.188	2.117	1.928	1.840
M 3	1.5	4.5	2.980	2.874	2.655	2.580	2.367	2.273
M 3.5	1.7	5	3.479	3.354	3.089	3.004	2.743	2.635
M 4	2	6	3.978	3.838	3.523	3.433	3.119	3.002
M 5	2.5	7.5	4.976	4.826	4.456	4.361	3.995	3.869
M 6	3	9	5.974	5.794	5.324	5.212	4.747	4.596
M 7	3	9	6.974	6.794	6.324	6.212	5.747	5.596
M 8	4	12	7.972	7.760	7.160	7.042	6.438	6.672
M 10	5	15	9.968	8.732	8.994	8.862	8.128	7.938
M 12	6	18	11.966	11.701	10.829	10.679	9.819	9.602
M 14	8	24	13.962	13.682	12.663	12.503	11.508	11.271
M 16	8	24	15.962	15.682	14.663	14.503	13.508	13.271
M 18	10	30	17.958	17.623	16.334	16.164	14.891	14.625
M 20	10	30	19.580	19.623	18.334	18.164	16.891	16.625
M 22	10	30	21.958	21.623	20.334	20.164	18.891	18.625
M 24	12	36	23.952	23.577	22.003	21.803	20.271	19.955
M 27	12	36	26.952	26.577	25.003	24.803	23.271	22.955
M 30	15	45	29.974	29.522	27.674	27.462	25.658	25.306
M 33	15	45	32.974	32.522	30.674	30.462	28.653	28.306
M 36	18	53	39.940	35.465	33.342	33.118	31.033	30.655
M 39	18	53	38.940	38.465	36.342	36.118	34.033	33.655

\*Note: M 1 - M 1.4 are given tolerance class 6H

\*\*Max. minor diameter with R = 0.144, P = H/6; Min. minor diameter with R = 0.125, P = H/7