



## Internal Thread Dimensions for Metric Coarse Pitch Screw Threads

Diameter	Pitch	Thread Fit Class	Major Diameter		Pitch Diameter		Minor Diameter		Stress Area mm <sup>2</sup>	Tapping Drill Size Mm
			Max	Min	Max	Min	Max	Min		
M1.6	0.35	6h	1.736	1.600	1.458	1.373	1.321	1.221	1.27	1.25
M1.8	0.35	6h	1.800	1.800	1.658	1.573	1.521	1.421	1.70	1.45
M2	0.4	6h	2.148	2.000	1.830	1.740	1.679	1.567	2.07	1.60
M2.2	0.45	6h	2.361	2.200	2.003	1.908	1.838	1.713	2.48	1.75
M2.5	0.45	6h	2.660	2.500	2.303	2.208	2.138	2.013	3.39	2.05
M3	0.5	6h	3.172	3.000	2.775	2.675	2.599	2.459	5.03	2.50
M3.5	0.6	6h	3.699	3.500	3.222	3.110	3.010	2.850	6.78	2.90
M4	0.7	6h	4.219	4.000	3.663	3.545	3.422	3.242	8.78	3.30
M4.5	0.75	6h	4.727	4.500	4.131	4.013	3.078	3.688	11.30	3.70
M5	0.80	6h	5.240	5.000	4.605	4.480	4.334	4.134	14.20	4.20
M6	1.0	6h	6.294	6.000	5.500	5.350	5.153	4.917	20.10	5.00
M8	1.25	6h	8.340	8.000	7.348	7.188	6.912	6.647	36.60	6.80
M10	1.5	6h	10.396	10.000	9.206	9.026	8.676	8.376	58.00	8.50
M12	1.75	6h	12.000	12.453	11.063	10.863	10.441	10.106	84.3	10.20
M14	2.0	6h	14.501	14.000	12.913	12.701	12.210	11.835	115.0	12.00
M16	2.0	6h	16.501	16.000	14.913	14.701	14.210	13.835	157.0	14.00
M18	2.5	6h	18.641	18.000	16.656	16.376	15.854	15.294	192.0	15.50
M20	2.5	6h	20.585	20.000	18.600	18.376	17.744	17.294	245.0	17.50
M22	2.5	6h	22.585	22.000	20.600	20.376	19.744	19.294	303.0	19.50
M24	3.0	6h	24.698	24.000	22.316	22.051	21.252	20.752	353.0	21.00
M27	3.0	6h	27.698	27.000	25.316	25.051	24.252	23.752	459.0	24.00
M30	3.5	6h	30.785	30.000	28.007	27.727	26.771	26.211	561.0	26.50
M33	3.5	6h	33.786	33.000	31.007	30.727	29.771	29.211	694.0	29.50
M36	4.0	6h	36.877	36.000	33.702	33.402	32.270	31.670	817.0	32.00
M39	4.0	6h	39.878	39.000	36.702	35.402	35.270	34.670	976.00	35.00
M42	4.5	6h	42.965	42.000	39.392	39.077	37.799	37.129	1121.0	37.50
M45	4.5	6h	45.965	45.000	42.392	42.077	40.799	40.129	1306.0	40.50
M48	5.0	6h	49.057	48.000	45.087	44.752	43.297	42.587	1473.0	43.00
M52	5.0	6h	53.057	52.000	49.087	48.752	47.297	46.587	1758.0	47.00
M56	5.5	6h	57.149	56.000	52.783	52.428	50.796	50.046	2030.0	50.50
M64	6.0	6h	65.241	64.000	60.478	60.103	58.305	57.505	2676.0	58.00
M72	6.0	6h	73.241	72.000	68.478	68.103	66.305	65.505	3460.0	66.00
M80	6.0	6h	81.241	80.000	76.478	76.103	74.305	73.505	4340.0	74.00
M90	6.0	6h	91.241	90.000	86.478	86.103	84.305	83.505	5590.0	84.00
M100	6.0	6h	101.266	100.000	96.503	96.103	94.305	93.505	6990.0	94.00

