Metric thread pitch chart

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Metric coarse

THREAD	PITCH (MM)	TPI	PITCH Ø D2 (MM)	MINOR Ø, NUT D1 (MM)	MINOR Ø, BOLT D3 (MM)	STRESS AREA AS (MM²)	TAP DRILL (MM)
M1.6	0.35	72.6	1.373	1.221	1.171	1.3	1.25
M2	0.4	63.5	1.740	1.567	1.509	2.1	1.6
M2.5	0.45	56.4	2.208	2.013	1.948	3.4	2.05
M3	0.5	50.8	2.675	2.459	2.387	5.0	2.5
M4	0.7	36.3	3.545	3.242	3.141	8.8	3.3
M5	0.8	31.7	4.480	4.134	4.019	14.2	4.2
M6	1.0	25.4	5.350	4.917	4.773	20.1	5.0
M8	1.25	20.3	7.188	6.647	6.466	36.6	6.75
M10	1.5	16.9	9.026	8.376	8.160	58.0	8.5
M12	1.75	14.5	10.863	10.106	9.853	84.3	10.25
M14	2.0	12.7	12.701	11.835	11.546	115	12.0
M16	2.0	12.7	14.701	13.835	13.546	157	14.0
M18	2.5	10.2	16.376	15.294	14.933	192	15.5
M20	2.5	10.2	18.376	17.294	16.933	245	17.5
M22	2.5	10.2	20.376	19.294	18.933	303	19.5
M24	3.0	8.5	22.051	20.752	20.319	353	21.0
M27	3.0	8.5	25.051	23.752	23.319	459	24.0
M30	3.5	7.3	27.727	26.211	25.706	561	26.5
M36	4.0	6.3	33.402	31.670	31.093	817	32.0

Metric fine

THREAD	PITCH (MM)	TPI	PITCH Ø D2 (MM)	MINOR Ø, NUT D1 (MM)	MINOR Ø, BOLT D3 (MM)	STRESS AREA AS (MM²)	TAP DRILL (MM)
M8 x 1.0	1.0	25.4	7.350	6.917	6.773	39.2	7.0
M10 x 1.25	1.25	20.3	9.188	8.647	8.466	61.2	8.75
M10 x 1.0	1.0	25.4	9.350	8.917	8.773	64.5	9.0
M12 x 1.5	1.5	16.9	11.026	10.376	10.160	88.1	10.5
M12 x 1.25	1.25	20.3	11.188	10.647	10.466	92.1	10.75
M14 x 1.5	1.5	16.9	13.026	12.376	12.160	125	12.5
M16 x 1.5	1.5	16.9	15.026	14.376	14.160	167	14.5
M18 x 1.5	1.5	16.9	17.026	16.376	16.160	216	16.5
M20 x 1.5	1.5	16.9	19.026	18.376	18.160	272	18.5
M24 x 2.0	2.0	12.7	22.701	21.835	21.546	384	22.0

Basic dimensions to ISO 261, ISO 724 and ISO 898-1. Tap drill = major diameter minus pitch (ISO 2306).