

# METRIC COARSE THREAD CHART

Version 1.0 10/6/19

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M - METRIC COARSE																
Thread	Outside dia.		Thread pitch		Tapping drill size			Thread data			Bolt/Nut/Washer sizes					
	inch	MM	Pitch (inch)	Pitch (MM)	inch	MM	Let/Num Fraction	Root dia (MM)	Depth (MM)	Angle deg.	Hex AF ISO (MM)	Hex AF DIN (MM)	Head Depth (MM)	Std. Nut Depth (MM)	Lock Nut Depth (MM)	Washer Face Dia (MM)
M1	0.039	1.00	0.039	0.25	0.029	0.75	69	0.69	0.15	60		2.50				
M1.1	0.043	1.10	0.043	0.25	0.034	0.85	65	0.79	0.15	60						
M1.2	0.047	1.20	0.047	0.25	0.037	0.95	62	0.89	0.15	60		3.00				
M1.4	0.055	1.40	0.055	0.30	0.043	1.10	57	1.03	0.18	60		3.00				
M1.6	0.063	1.60	0.063	0.35	0.049	1.25	3/64"	1.17	0.22	60	3.20	3.20				
M1.8	0.071	1.80	0.071	0.35	0.057	1.45	54	1.37	0.22	60						
M2	0.079	2.00	0.079	0.40	0.063	1.60	1/16"	1.51	0.25	60	4.00	4.00	1.50			
M2.2	0.087	2.20	0.087	0.45	0.689	1.75	51	1.65	0.28	60						
M2.3	0.091	2.30	0.091	0.45	0.073	1.85	49	1.75	0.28	60						
M2.5	0.098	2.50	0.098	0.45	0.081	2.05	46	1.95	0.28	60	5.00	5.00				
M2.6	0.102	2.60	0.102	0.45	0.087	2.20	44	2.05	0.28	60	5.00	5.00				
M3	0.118	3.00	0.118	0.50	0.098	2.50	40	2.39	0.31	60	5.50	5.50	2.13			
M3.5	0.138	3.50	0.138	0.60	0.114	2.90	33	2.76	0.37	60	6.00	6.00				
M4	0.157	4.00	0.157	0.70	0.130	3.30	30	3.14	0.43	60	7.00	7.00	2.93			
M4.5	0.177	4.50	0.177	0.75	0.150	3.80	24	3.58	0.46	60						
M5	0.197	5.00	0.197	0.80	0.165	4.20	19	4.02	0.49	60	8.00	8.00	3.65			
M5.5	0.217	5.50	0.217	0.90	0.177	4.50	16	4.33	0.58	60						
M6	0.236	6.00	0.236	1.00	0.197	5.00	9	4.77	0.61	60	10.00	10.00	4.15			
M7	0.276	7.00	0.276	1.00	0.236	6.00	B	5.77	0.61	60	11.00	11.00				
M8	0.315	8.00	0.315	1.25	0.272	6.90	I	6.47	0.77	60	13.00	13.00	5.65			
M9	0.354	9.00	0.354	1.25	0.307	7.80	N	7.47	0.77	60	13.00	13.00				
M10	0.394	10.00	0.394	1.50	0.335	8.50	Q	8.16	0.92	60	16.00	17.00	7.18			
M11	0.433	11.00	0.433	1.50	0.374	9.50	3/8"	9.16	0.92	60						
M12	0.472	12.00	0.472	1.75	0.402	10.20	Y	9.85	1.07	60	18.00	19.00	8.18			
M14	0.551	14.00	0.551	2.00	0.472	12.00	15/32"	11.55	1.23	60	21.00	22.00				
M16	0.630	16.00	0.630	2.00	0.551	14.00	35/64"	13.55	1.23	60	24.00	24.00	10.18			
M18	0.709	18.00	0.709	2.50	0.610	15.50	39/64"	14.93	1.53	60	27.00	27.00				
M20	0.787	20.00	0.787	2.50	0.689	17.50	11/16"	16.93	1.53	60	30.00	30.00	13.22			
M22	0.866	22.00	0.866	2.50	0.768	19.50	49/64"	18.93	1.53	60	34.00	32.00				
M24	0.945	24.00	0.945	3.00	0.827	21.00	53/64"	20.32	1.84	60	36.00	36.00	15.22			
M26	1.024	26.00	1.024	3.00	0.906	23.00	29/32"	22.32	1.84	60						
M27	1.063	27.00	1.063	3.00	0.945	24.00	15/16"	23.32	1.84	60	41.00	41.00				
M28	1.102	28.00	1.102	3.00	0.992	25.20	63/64"	24.32	1.84	60						
M30	1.181	30.00	1.181	3.50	1.043	26.50	1-3/64"	25.71	2.15	60	46.00	46.00	19.26			

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	inch	MM	Pitch (inch)	Pitch (MM)	inch	MM	Let/Num Fraction	Root dia (MM)	Depth (MM)	Angle deg.	Hex AF ISO (MM)	Hex AF DIN (MM)	Head Depth (MM)	Std. Nut Depth (MM)	Lock Nut Depth (MM)	Washer Face Dia (MM)
M32	1.260	32.00	1.260	3.50	1.122	28.50	1-1/8"	27.71	2.15	60						
M33	1.299	33.00	1.299	3.50	1.161	29.50	1-5/32"	28.71	2.15	60	50.00	50.00				
M34	1.339	34.00	1.339	3.50	1.210	30.70	1-13/64"	29.71	2.15	60						
M36	1.417	36.00	1.417	4.00	1.260	32.00	1-1/4"	31.09	2.45	60	55.00	55.00	23.26			
M38	1.496	38.00	1.496	4.00	1.340	34.00	1-11/32"	33.09	2.45	60						
M39	1.535	39.00	1.535	4.00	1.377	35.00	1-3/8"	34.09	2.45	60	60.00	60.00				
M40	1.575	40.00	1.575	4.00	1.425	36.20	1-29/64"	35.10	2.45	60						
M42	1.654	42.00	1.654	4.50	1.476	37.50	1-15/32"	36.48	2.76	60	65.00	65.00				
M44	1.732	44.00	1.732	4.50	1.551	39.40	1-35/64"	38.48	2.76	60						
M45	1.772	45.00	1.772	4.50	1.594	40.50	1-19/32"	39.48	2.76	60	70.00	70.00				
M46	1.811	46.00	1.811	4.50	1.653	42.00	1-21/32"	40.48	2.76	60						
M48	1.890	48.00	1.890	5.00	1.692	43.00	1-23/32"	41.87	3.07	60	75.00	75.00				
M50	1.969	50.00	1.969	5.00	1.772	45.00	1-25/32"	43.87	3.07	60						
M52	2.047	52.00	2.047	5.00	1.850	47.00	1-55/64"	45.87	3.07	60	80.00	80.00				
M56	2.205	56.00	2.205	5.50	1.988	50.50	2"	49.25	3.37	60	85.00	85.00				
M60	2.362	60.00	2.362	5.50	2.146	54.50	2-5/32"	53.25	3.37	60	90.00	90.00				
M64	2.520	64.00	2.520	6.00	2.283	58.00	2-9/32"	56.64	3.68	60	95.00	95.00				
M68	2.677	68.00	2.677	6.00	2.441	62.00	2-29/64"	60.64	3.68	60						
M72	2.835	72.00	2.835	6.00	2.598	66.00	2-19/32"	64.64	3.68	60						
M76	2.992	76.00	2.992	6.00	2.756	70.00	2-3/4"	68.64	3.68	60						
M80	3.150	80.00	3.150	6.00	2.933	74.50	2-15/16"	72.64	3.68	60						
M85	3.346	85.00	3.346	6.00	3.110	79.00	3-7/64"	77.64	3.68	60						
M90	3.543	90.00	3.543	6.00	3.307	84.00	3-5/16"	82.64	3.68	60						
M95	3.740	95.00	3.740	6.00	3.504	89.00	3-1/2"	87.64	3.68	60						
M100	3.937	100.00	3.937	6.00	3.700	94.00	3-45/64"	92.64	3.68	60						