

TABLE OF HOLE SIZE BEFORE THREADING

1. Metric coarse thread

Nominal diameter of thread	Last dimension Grade 2 · Grade 3	Max. dimension	
		Grade 2	Grade 3
M 1 × 0.25	0.73	0.78	—
M 1.1 × 0.25	0.83	0.89	—
M 1.2 × 0.25	0.93	0.98	—
M 1.4 × 0.3	1.08	1.14	—
M 1.6 × 0.35	1.22	1.32	—
M 1.7 × 0.35	1.33	1.42	—
M 1.8 × 0.35	1.42	1.52	—
M 2 × 0.4	1.57	1.67	—
M 2.2 × 0.45	1.71	1.84	—
M 2.3 × 0.4	1.87	1.97	—
M 2.5 × 0.45	2.01	2.14	—
M 2.6 × 0.45	2.12	2.23	—
M 3 × 0.5	2.46	2.60	2.64
M 3.5 × 0.6	2.85	3.01	3.05
M 4 × 0.7	3.24	3.42	3.47
M 4.5 × 0.75	3.69	3.88	3.92
M 5 × 0.8	4.13	4.33	4.38
M 6 × 1	4.92	5.15	5.22
M 7 × 1	5.92	6.15	6.22
M 8 × 1.25	6.65	6.91	6.98
M 9 × 1.25	7.65	7.91	7.98
M 10 × 1.5	8.38	8.68	8.75
M 11 × 1.5	9.38	9.68	9.75
M 12 × 1.75	10.11	10.44	10.53
M 14 × 2	11.84	12.21	12.31
M 16 × 2	13.84	14.21	14.31
M 18 × 2.5	15.29	15.74	15.85
M 20 × 2.5	17.29	17.74	17.85
M 22 × 2.5	19.29	19.74	19.85
M 24 × 3	20.75	21.25	21.38
M 27 × 3	23.75	24.25	24.38
M 30 × 3.5	26.21	26.77	26.92
M 33 × 3.5	29.21	29.77	29.92
M 36 × 4	31.67	32.27	32.42
M 39 × 4	34.67	35.27	35.42
M 42 × 4.5	37.13	37.80	37.98
M 45 × 4.5	40.13	40.80	40.98
M 48 × 5	42.59	43.30	43.49

2. Metric fine pitch thread

Nominal diameter of thread	Last dimension Grade 2 · Grade 3	Max. dimension	
		Grade 2	Grade 3
M 2.5 × 0.35	2.12	2.22	—
M 3 × 0.35	2.62	2.72	—
M 3.5 × 0.35	3.12	3.22	—
M 4 × 0.5	3.46	3.60	3.64
M 4.5 × 0.5	3.96	4.10	4.14
M 5 × 0.5	4.46	4.60	4.64
M 5.5 × 0.5	4.96	5.10	5.14
M 6 × 0.75	5.19	5.38	5.42
M 7 × 0.75	6.19	6.38	6.42
M 8 × 1	6.92	7.15	7.22
M 8 × 0.75	7.19	7.38	7.42
M 9 × 1	7.92	8.15	8.22
M 9 × 0.75	8.19	8.38	8.42
M 10 × 1.25	8.65	8.91	8.98
M 10 × 1	8.92	9.15	9.22
M 10 × 0.75	9.19	9.38	—
M 11 × 1	9.92	10.15	10.22
M 11 × 0.75	10.19	10.38	10.42
M 12 × 1.5	10.38	10.68	10.75
M 12 × 1.25	10.65	10.91	10.98
M 12 × 1	10.92	11.15	11.22
M 14 × 1.5	12.38	12.68	12.75
M 14 × 1	12.92	13.15	13.22
M 15 × 1.5	13.38	13.68	13.75
M 15 × 1	13.92	14.15	14.22

Nominal diameter of thread	Last dimension Grade 2 · Grade 3	Max. dimension	
		Grade 2	Grade 3
M 16 × 1.5	14.38	14.68	14.75
M 16 × 1	14.92	15.15	15.22
M 17 × 1.5	15.38	15.68	15.75
M 17 × 1	15.92	16.15	16.22
M 18 × 2	15.84	16.21	16.31
M 18 × 1.5	16.38	16.68	16.75
M 18 × 1	16.92	17.15	17.22
M 20 × 2	17.84	18.21	18.31
M 20 × 1.5	18.38	18.68	18.75
M 20 × 1	18.92	19.15	19.22
M 22 × 2	19.84	20.21	20.31
M 22 × 1.5	20.38	20.68	20.75
M 22 × 1	20.92	21.15	21.22
M 24 × 2	21.84	22.21	22.31
M 24 × 1.5	22.38	22.68	22.75
M 24 × 1	22.92	23.15	23.22
M 25 × 2	22.84	23.21	23.31
M 25 × 1.5	23.38	23.68	23.75
M 25 × 1	23.92	24.15	24.22
M 26 × 1.5	24.38	24.68	24.75
M 27 × 2	24.84	25.21	25.31
M 27 × 1.5	25.38	25.68	25.75
M 27 × 1	25.92	26.15	26.22
M 28 × 2	25.84	26.21	26.31
M 28 × 1.5	26.38	26.68	26.75
M 28 × 1	26.92	27.15	27.22
M 30 × 3	26.75	27.25	27.38
M 30 × 2	27.84	28.21	28.31
M 30 × 1.5	28.38	28.68	28.75
M 30 × 1	28.92	29.15	29.22
M 32 × 2	29.84	30.21	30.31
M 32 × 1.5	30.38	30.68	30.75
M 33 × 3	29.75	30.25	30.38
M 33 × 2	30.84	31.21	31.31
M 33 × 1.5	31.38	31.68	31.75
M 35 × 1.5	33.38	33.68	33.75
M 36 × 3	32.75	33.25	33.38
M 36 × 2	33.84	34.21	34.31
M 36 × 1.5	34.38	34.68	34.75
M 38 × 1.5	36.38	36.68	36.75
M 39 × 3	35.75	36.25	36.38
M 39 × 2	36.84	37.21	37.31
M 39 × 1.5	37.38	37.68	37.75
M 40 × 3	36.75	37.25	37.38
M 40 × 2	37.84	38.21	38.31
M 40 × 1.5	38.38	38.68	38.75
M 42 × 4	37.67	38.27	38.42
M 42 × 3	38.75	39.25	39.38
M 42 × 2	39.84	40.21	40.31
M 42 × 1.5	40.38	40.68	40.75
M 45 × 4	40.67	41.27	41.42
M 45 × 3	41.75	42.25	42.38
M 45 × 2	42.84	43.21	43.31
M 45 × 1.5	43.38	43.68	43.75
M 48 × 4	43.67	44.27	44.42
M 48 × 3	44.75	45.25	45.38
M 48 × 2	45.84	46.21	46.31
M 48 × 1.5	46.38	46.68	46.75
M 50 × 3	46.75	47.25	47.38
M 50 × 2	47.84	48.21	48.31
M 50 × 1.5	48.38	48.68	48.75