

STANDARD METRIC THREADS

Angle of Thread is 60 degrees

ALL DIMENSIONS ARE IN mm

Diameter	Pitch	Internal Thread Root Diameter	External Thread Root Diameter	Tapping Drill
1	0.25	0.729	0.693	0.75
1.1	0.25	0.829	0.793	0.85
1.2	0.25	0.929	0.893	0.95
1.4	0.25	1.075	1.032	1.1
1.6	0.3	1.221	1.17	1.25
1.8	0.35	1.421	1.37	1.45
2	0.4	1.567	1.509	1.6
2.2	0.45	1.713	1.648	1.75
2.5	0.45	2.013	1.948	2.05
3	0.5	2.459	2.387	2.5
3.5	0.6	2.85	2.764	2.9
4	0.7	3.242	3.141	3.3
4.5	0.75	3.688	3.58	3.8
5	0.8	4.134	4.019	4.2
6	1	4.917	4.773	5
7	1	5.917	5.773	6
8	1.25	6.647	6.466	6.8
9	1.25	7.647	7.446	7.8
10	1.5	8.376	8.16	8.5
11	1.5	9.376	9.16	9.5
12	1.75	10.106	9.853	10.2
14	2	11.835	11.546	12
16	2	13.835	13.546	14
18	2.5	15.294	14.933	15.5
20	2.5	17.294	16.933	17.5
22	2.5	19.294	18.933	19.5
24	3	20.572	20.319	21
27	3	23.752	23.319	24