

**Metric Threads ISO**

Nominal Diameter	Pitches mm.	Drill Sizes for Taps mm.	Nominal Diameter	Pitches mm.	Drill Sizes for Taps mm.
M2	0.25	1.75	M22	1.0	21.0
	0.40	1.6		1.5	20.5
M2.2	0.25	1.95		2.0	20.0
	0.45	1.75		2.5	19.5
M2.5	0.35	2.15	M24	1.0	23.0
	0.45	2.05		1.5	22.5
M3	0.35	2.65		2.0	22.0
	0.50	2.50		3.0	21.0
M3.5	0.35	3.15	M25	1.5	23.5
	0.60	2.90		2.0	23.0
M4	0.50	3.50	M27	1.5	25.5
	0.70	3.30		3.0	24.0
M4.5	0.50	4.0	M28	1.5	26.5
	0.75	3.7		M30	1.5
M5	0.5	4.5	3.5		26.5
	0.8	4.2	M32	1.5	30.5
M6	0.75	5.2		M33	2.0
	1.0	5.0	3.5		29.5
M7	0.75	6.2	M36	3.0	33
	1.0	6.0		4.0	32
	M8	0.75		7.2	M39
1.0		7.0	4.0	35	
1.25		6.8	M42	4.0	
M9	0.75	8.2		4.5	37.5
	1.0	8.0		M45	4.0
	1.25	7.8	4.5		40.5
M10	1.0	9.0	M48	4.0	44
	1.25	8.8		5.0	43
	1.5	8.5	M52	4.0	48
M11	1.0	10		5.0	47
	1.5	9.5	M56	4.0	52.0
	M12	1.00		11.0	5.5
		1.25	10.8	M60	4.0
1.50		10.5	5.5		54.5
1.75		10.2	M14		1.0
1.25	12.8	1.25			12.8
1.50	12.5	1.50	12.5		
1.75	12.0	2.0	12.0		
M16	1.0	15.0	1.5	14.5	
	1.5	14.5	2.0	14.0	
	M18	1.0	17.0	1.5	16.5
		1.5	16.5	2.0	16.0
2.0		16.0	2.5	15.5	
2.5		15.5	M20	1.0	19.0
1.0	19.0	1.5		18.5	
1.5	18.5	2.0		18.0	
2.0	18.0	2.5		17.5	

### U.N.F.

Nominal dia.	T.P.I.	Tap drill sizes mm.
No. 0	80	1.25
No. 1	72	1.55
No. 2	64	1.9
No. 3	56	2.15
No. 4	48	2.4
No. 5	44	2.7
No. 6	40	2.95
No. 8	36	3.5
No. 10	32	4.1
No. 12	28	4.7
1/4"	28	5.5
5/16"	24	6.9
3/8"	24	8.5
7/16"	20	9.9
1/2"	20	11.5
9/16"	18	12.9
5/8"	18	14.5
3/4"	16	17.5
7/8"	14	20.4
1"	12	23.25
1.1/8"	12	26.5
1.1/4"	12	29.5
1.3/8"	12	32.75
1.1/2"	12	36.0

### U.N.C.

Nominal dia.	T.P.I.	Tap drill sizes mm.
No. 1	64	1.55
No. 2	56	1.85
No. 3	48	2.1
No. 4	40	2.35
No. 5	40	2.65
No. 6	32	2.85
No. 8	32	3.5
No. 10	24	3.9
No. 12	24	4.5
1/4"	20	5.1
5/16"	18	6.6
3/8"	16	8.0
7/16"	14	9.4
1/2"	13	10.8
9/16"	12	12.2
5/8"	11	13.5
3/4"	10	16.5
7/8"	9	19.5
1"	8	22.25
1.1/8"	7	25.0
1.1/4"	7	28.0
1.3/8"	6	30.75
1.1/2"	6	34.0
1.3/4"	5	39.5
2"	4.5	45.0

### B.S.F.

Nominal dia.	T.P.I.	Tap drill sizes mm.
3/16"	32	4.0
7/32"	28	4.6
1/4"	26	5.3
9/32"	26	6.1
5/16"	22	6.8
3/8"	20	8.3
7/16"	18	9.7
1/2"	16	11.1
9/16"	16	12.7
5/8"	14	14.0
11/16"	14	15.5
3/4"	12	16.75
7/8"	11	19.75
1"	10	22.75
1.1/8"	9	25.5
1.1/4"	9	28.5
1.3/8"	8	31.5
1.1/2"	8	34.5

### B.S.W.

Nominal dia.	T.P.I.	Tap drill sizes mm.
1/8"	40	2.55
3/16"	24	3.7
1/4"	20	5.1
5/16"	18	6.5
3/8"	16	7.9
7/16"	14	9.3
1/2"	12	10.5
9/16"	12	12.1
5/8"	11	13.5
11/16"	11	15.0
3/4"	10	16.25
7/8"	9	19.25
1"	8	22.0
1.1/8"	7	24.75
1.1/4"	7	28.0
1.1/2"	6	33.5
1.3/4"	5	39.0
2"	4.5	44.5