

Metric

O/D mm	Pitch mm	Approx T.P.I.	Recommended Tapping Drill Size		Low engagement Drill Size		Clearance Drill Size		Core Diam.	Core Area
			Imperial approx.	Metric	Imperial approx.	Metric	Imperial approx.	Metric		

For threads under 3mm diameter, see the ME page. That includes many of the preferred smaller sizes.

3.0	0.5	50.8	39	2.5	36	2.6	31	3.1	2.38	4.449
4.0	0.5	50.8	28	3.5	27	3.65	29	4.1	3.39	9.026
4.5	0.5	50.8	21	4.0	19	4.15	14	4.6	3.9	11.946
4.5	0.75	33.87	24	3.8	21	4	14	4.6	3.58	10.066
5.0	0.5	50.8	15	4.5	13	4.65	7	5.1	4.39	15.136
5.5	0.5	50.8	8	5.0	13/64	5.15	2	5.6	4.9	18.857
6.0	0.5	50.8	7/32	5.5	17/64	5.65	C	6.1	5.39	22.817
6.0	0.75	33.87	4	5.3	7/32	5.5	C	6.1	5.08	20.268
7.0	0.75	33.87	1/4	6.3	G	6.5	K	7.1	6.08	29.033
8.0	0.75	33.87	L	7.30	19/64	7.5	P	8.1	7.08	39.369
8.0	1	25.4	J	7.00	L	7.2	P	8.1	6.77	35.9970
8.0	1.25	20.32	I	6.80	J	7	P	8.1	6.47	32.8774
9.0	1	25.4	O	8.00	P	8.2	U	9.1	7.77	47.4167
9.0	1.25	20.32	5/16	7.75	O	8	U	9.1	7.47	43.8259
10.0	0.75	33.87	U	9.25	3/8	9.5	X	10.1	9.08	64.7532
10.0	1	25.4	T	9.00	U	9.3	X	10.1	8.77	60.4072 sparking plug
10.0	1.5	16.93	R	8.50	S	8.8	X	10.1	8.16	52.2962
11.0	1.25	20.32	W	9.75	X	10	7/16	11.1	9.47	70.4352
12.0	1	25.4	7/16	11.00	29/64	11.2	31/64	12.1	10.77	91.1005
12.0	1.25	20.32	27/64	10.80	7/16	11	31/64	12.1	10.46	85.9316
12.0	1.5	16.93	Z	10.50	27/64	10.8	31/64	12.1	10.16	81.0731
12.0	1.75	14.51	Y	10.25	27/64	10.6	31/64	12.1	9.85	76.2012
14.0	1.00	25.4	33/64	13.00	17/32	13.2	9/16	14.1	12.77	128.0770
14.0	1.25	20.32	1/2	12.75	33/64	13.1	9/16	14.1	12.45	121.7386 sparking plug
14.0	2.00	12.7	31/64	12.00	31/64	12.41	9/16	14.1	11.54	104.5926
16.0	2.00	12.7	9/16	14.00	37/64	14.41	41/64	16.1	13.54	143.9882
18.0	1.50	16.93	21/32	16.50	21/32	16.75	na	18.1	15.75	194.8277 sparking plug
18.0	2.50	10.16	39/64	15.50	na	16.01	na	18.1	14.93	175.0690
20.0	1.50	16.93	47/64	18.5	na	18.8	na	20.1	18.16	259.0128
20	2.5	10.16	11/16	17.5	na	18.01	na	20.1	16.933	225.1943