

SIERRA TOOL SALES, INC.

A TOOL & INDUSTRIAL SUPPLY COMPANY

PHONE 909.974.4300
FAX 909.974.2109

SALES@MYTOOLREP.COM

DRILL SIZE	DECIMAL	DRILL SIZE	DECIMAL	DRILL SIZE	DECIMAL	DRILL SIZE	DECIMAL
0.1mm	.0039	41	.0960	15/64	.2344	33/64	.5156
0.2mm	.0079	40	.0980	6mm	.2362	17/32	.5313
0.3mm	.0118	2.5mm	.0984	B	.2380	13.5mm	.5315
80	.0135	39	.0995	C	.2420	35/64	.5469
79	.0145	38	.1015	D	.2460	14mm	.5512
1/64	.0156	37	.1040	1/4 & E	.2500	9/16	.5625
0.4mm	.0157	36	.1065	6.5mm	.2559	14.5mm	.5709
78	.0160	7/64	.1094	F	.2570	37/64	.5781
77	.0180	35	.1100	G	.2610	15mm	.5906
0.5mm	.0197	34	.1110	17/64	.2656	19/32	.5938
76	.0200	33	.1130	H	.2660	39/64	.6094
75	.0210	32	.1160	I	.2720	15.5mm	.6102
74	.0225	3mm	.1181	7mm	.2756	5/8	.6250
0.6mm	.0236	31	.1200	J	.2770	16mm	.6299
73	.0240	1/8	.1250	K	.2810	41/64	.6406
72	.0250	30	.1285	9/32	.2812	16.5mm	.6496
71	.0260	29	.1360	L	.2900	21/32	.6562
0.7mm	.0276	3.5mm	.1378	M	.2950	17mm	.6693
70	.0280	28	.1405	7.5mm	.2953	43/64	.6719
69	.0292	9/64	.1406	19/64	.2969	11/16	.6875
68	.0310	27	.1440	N	.3020	17.5mm	.6890
1/32	.0312	26	.1470	5/16	.3125	45/64	.7031
0.8mm	.0315	25	.1495	8mm	.3150	18mm	.7087
67	.0320	24	.1520	O	.3160	23/32	.7188
66	.0330	23	.1540	P	.3230	18.5mm	.7283
65	.0350	5/32	.1562	21/64	.3281	47/64	.7344
0.9mm	.0354	22	.1570	Q	.3320	19mm	.7480
64	.0360	4mm	.1575	8.5mm	.3346	3/4	.7500
63	.0370	21	.1590	R	.3390	49/64	.7656
62	.0380	20	.1610	11/32	.3438	19.5mm	.7677
61	.0390	19	.1660	S	.3480	25/32	.7812
1mm	.0394	18	.1695	9mm	.3543	20mm	.7874
60	.0400	11/64	.1719	T	.3580	51/64	.7969
59	.0410	17	.1730	23/64	.3594	20.5mm	.8071
58	.0420	16	.1770	U	.3680	13/16	.8125
57	.0430	4.5mm	.1772	9.5mm	.3740	21mm	.8268
56	.0465	15	.1800	3/8	.3750	53/64	.8281
3/64	.0469	14	.1820	V	.3770	27/32	.8438
55	.0520	13	.1850	W	.3860	21.5mm	.8465
54	.0550	3/16	.1875	25/64	.3906	55/64	.8594
1.5mm	.0591	12	.1890	10mm	.3937	22mm	.8661
53	.0595	11	.1910	X	.3970	7/8	.8750
1/16	.0625	10	.1935	Y	.4040	22.5mm	.8858
52	.0635	9	.1960	Z	.4130	57/64	.8906
51	.0670	5mm	.1969	10.5mm	.4134	23mm	.9055
50	.0700	8	.1990	27/64	.4219	29/32	.9062
49	.0730	7	.2010	11mm	.4331	59/64	.9219
48	.0760	13/64	.2031	7/16	.4375	23.5mm	.9252
5/64	.0781	6	.2040	11.5mm	.4528	15/16	.9375
47	.0785	5	.2055	29/64	.4531	24mm	.9449
2mm	.0787	4	.2090	15/32	.4688	61/64	.9531
46	.0810	3	.2130	12mm	.4724	24.5mm	.9646
45	.0820	5.5mm	.2165	31/64	.4844	31/32	.9688
44	.0860	7/32	.2188	12.5mm	.4921	25mm	.9843
43	.0890	2	.2210	1/2	.5000	63/64	.9844
42	.0935	1	.2280	13mm	.5118	1	1.000
3/32	.0938	A	.2340				

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INCH

METRIC

TAPER PIPE

THREAD

DRILL

THREAD

DRILL

THREAD

DRILL

0-80	3/64
1-64	No. 53
1-72	No. 53
2-56	No. 50
2-64	No. 50
3-48	No. 47
3-56	No. 46
4-40	No. 43
4-48	No. 42
5-40	No. 39
5-44	No. 38
6-32	No. 36
6-40	No. 33
8-32	No. 29
8-36	No. 29
10-24	No. 25
10-32	No. 21
12-24	No. 17
12-28	No. 15
1/4-20	No. 7
1/4-28	No. 3
5/16-18	F
5/16-24	I
3/8-16	5/16
3/8-24	Q
7/16-14	U
7/16-20	W
1/2-13	27/64
1/2-20	29/64
9/16-12	31/64
9/16-18	33/64
5/8-11	17/32
5/8-18	37/64
3/4-10	21/32
3/4-16	11/16
7/8-9	49/64
7/8-14	13/16
1-8	7/8
1-12	59/64
1-14	15/16

m1.6x0.35	1.25mm
m1.8x0.35	1.45mm
m2x0.4	1.6mm
m2.2x0.45	1.75mm
m2.3x0.4	1.9mm
m2.5x0.45	2.05mm
m2.6x0.45	2.15mm
m3x0.5	2.5mm
m3.5x0.6	2.9mm
m4x0.7	3.3mm
m4.5x0.75	3.75mm
m5x0.8	4.2mm
m6x1	5mm
m6x0.75	5.25mm
m7x1	6mm
m8x1.25	6.75mm
m8x1	7mm
m9x1.25	7.75mm
m10x1.5	8.5mm
m10x1.25	8.75mm
m10x1.00	9mm
m11x1.50	9.5mm
m12x1.75	10.2mm
m12x1.25	10.7mm
m14x2	12mm
m14x1.5	12.5mm
m14x1.25	13mm
m16x2	14mm
m16x1.50	14.5mm
m18x2.5	15.5mm
m18x2.0	16mm
m20x2.5	17.5mm
m20x2.0	18mm
m20x1.5	18.5mm
m22x2.5	19.5mm
m22x2.0	20mm
m22x1.5	20.5mm
m24x3	21mm
m24x2	22mm
m24x1.50	22.5mm

1/16-27	D
1/8-27	R
1/4-18	7/16
3/8-18	37/64
1/2-14	45/64
3/4-14	59/64
1-11-1/2	1-5/32
1-1/4-11-1/2	1-1/2
1-1/2-11-1/2	1-47/64
2-11-1/2	2-7/32

We are always here for you!

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www.sierratoolsales.com

SPEED and FEED

$$\text{SFM} = .262 \times D \times \text{RPM}$$

$$\text{RPM} = \frac{3.82 \times \text{SFM}}{D}$$

$$\text{M/mm} = \text{SFM} / 3.28$$

$$\text{IPM} = \text{IPT} \times \#T \times \text{RPM}$$

$$\text{IPR} = \frac{\text{IPM}}{\text{RPM}}$$

$$\text{FPT} = \frac{\text{IPM}}{\#T \times \text{RPM}}$$

$$\text{IPT} = \frac{\text{IPR}}{\#T}$$