Metric Drill Bit Sizes

Metric drill bit sizes with the nearest fraction

The last column is the closest 1/64 inch bit, for when you only have inch bits.

Size	Decimal (in)	Millimeters	Nearest 1/64"
0.3 mm	0.0118	0.30	1/64"
0.4 mm	0.0157	0.40	1/64"
0.5 mm	0.0197	0.50	1/64"
0.6 mm	0.0236	0.60	1/32"
0.7 mm	0.0276	0.70	1/32"
0.8 mm	0.0315	0.80	1/32"
0.85 mm	0.0335	0.85	1/32"
0.9 mm	0.0354	0.90	1/32"
1.0 mm	0.0394	1.00	3/64"
1.05 mm	0.0413	1.05	3/64"
1.1 mm	0.0433	1.10	3/64"
1.15 mm	0.0453	1.15	3/64"
1.2 mm	0.0472	1.20	3/64"
1.25 mm	0.0492	1.25	3/64"
1.3 mm	0.0512	1.30	3/64"
1.35 mm	0.0531	1.35	3/64"
1.4 mm	0.0551	1.40	1/16"
1.45 mm	0.0571	1.45	1/16"
3.7 mm	0.1457	3.70	9/64"
3.8 mm	0.1496	3.80	5/32"
3.9 mm	0.1535	3.90	5/32"
4.0 mm	0.1575	4.00	5/32"
4.1 mm	0.1614	4.10	5/32"
4.2 mm	0.1654	4.20	11/64"
4.3 mm	0.1693	4.30	11/64"
4.4 mm	0.1732	4.40	11/64"
4.5 mm	0.1772	4.50	11/64"
4.6 mm	0.1811	4.60	3/16"
4.7 mm	0.1850	4.70	3/16"
4.8 mm	0.1890	4.80	3/16"
4.9 mm	0.1929	4.90	3/16"
5.0 mm	0.1969	5.00	13/64"
5.1 mm	0.2008	5.10	13/64"
5.2 mm	0.2047	5.20	13/64"
5.3 mm	0.2087	5.30	13/64"
5.4 mm	0.2126	5.40	7/32"
8.7 mm	0.3425	8.70	11/32"
8.8 mm	0.3465	8.80	11/32"
8.9 mm	0.3504	8.90	11/32"
9.0 mm	0.3543	9.00	23/64"
9.1 mm	0.3583	9.10	23/64"
9.2 mm	0.3622	9.20	23/64"
9.3 mm	0.3661	9.30	23/64"
9.4 mm	0.3701	9.40	3/8"
9.5 mm	0.3740	9.50	3/8"
9.6 mm	0.3780	9.60	3/8"
9.7 mm	0.3819	9.70	3/8"
9.8 mm	0.3858	9.80	25/64"
9.9 mm	0.3898	9.90	25/64"
10.0 mm	0.3937	10.00	25/64"
10.2 mm	0.4016	10.20	13/32"
10.5 mm	0.4134	10.50	13/32"
10.8 mm	0.4252	10.80	27/64"
11.0 mm	0.4331	11.00	7/16"

Size	Decimal (in)	Millimeters	Nearest 1/64"
1.5 mm	0.0591	1.50	1/16"
1.55 mm	0.0610	1.55	1/16"
1.6 mm	0.0630	1.60	1/16"
1.65 mm	0.0650	1.65	1/16"
1.7 mm	0.0669	1.70	1/16"
1.75 mm	0.0689	1.75	1/16"
1.8 mm	0.0709	1.80	5/64"
1.85 mm	0.0728	1.85	5/64"
1.9 mm	0.0748	1.90	5/64"
1.95 mm	0.0768	1.95	5/64"
2.0 mm	0.0787	2.00	5/64"
2.05 mm	0.0807	2.05	5/64"
2.1 mm	0.0827	2.10	5/64"
2.15 mm	0.0846	2.15	5/64"
2.2 mm	0.0866	2.20	3/32"
2.25 mm	0.0886	2.25	3/32"
2.3 mm	0.0906	2.30	3/32"
2.35 mm	0.0925	2.35	3/32"
2.4 mm	0.0945	2.40	3/32"
2.45 mm	0.0965	2.45	3/32"
2.5 mm	0.0984	2.50	3/32"
2.6 mm	0.1024	2.60	7/64"
2.7 mm	0.1063	2.70	7/64"
5.5 mm	0.2165	5.50	7/32"
5.6 mm	0.2205	5.60	7/32"
5.7 mm	0.2244	5.70	7/32"
5.8 mm	0.2283	5.80	15/64"
5.9 mm	0.2323	5.90	15/64"
6.0 mm	0.2362	6.00	15/64"
6.1 mm	0.2402	6.10	15/64"
6.2 mm	0.2441	6.20	1/4"
6.3 mm	0.2480	6.30	1/4"
6.4 mm	0.2520	6.40	1/4"
6.5 mm	0.2559	6.50	1/4"
6.6 mm	0.2598	6.60	17/64"
6.7 mm	0.2638	6.70	17/64"
6.8 mm	0.2677	6.80	17/64"
6.9 mm	0.2717	6.90	17/64"
7.0 mm	0.2756	7.00	9/32"
7.1 mm	0.2795	7.10	9/32"
7.2 mm	0.2835	7.20	9/32"
7.3 mm	0.2874	7.30	9/32"
7.4 mm	0.2913	7.40	19/64"
7.5 mm	0.2953	7.50	19/64"
7.6 mm	0.2992	7.60	19/64"
7.7 mm	0.3031	7.70	19/64"
11.2 mm	0.4409	11.20	7/16"
11.5 mm	0.4528	11.50	29/64"
11.8 mm	0.4646	11.80	15/32"
12.0 mm	0.4724	12.00	15/32"
12.5 mm	0.4921	12.50	31/64"
13.0 mm	0.5118	13.00	33/64"
13.5 mm	0.5315	13.50	17/32"
14.0 mm	0.5512	14.00	35/64"
14.5 mm	0.5709	14.50	37/64"
15.0 mm	0.5906	15.00	19/32"
15.5 mm	0.6102	15.50	39/64"
16.0 mm	0.6299	16.00	5/8"
16.5 mm	0.6496	16.50	21/32"
17.0 mm	0.6693	17.00	43/64"
17.5 mm	0.6890	17.50	11/16"
18.0 mm	0.7087	18.00	45/64"
18.5 mm	0.7283	18.50	47/64"
19.0 mm	0.7480	19.00	3/4"
19.5 mm	0.7677	19.50	49/64"
20.0 mm	0.7874	20.00	25/32"
20.5 mm	0.8071	20.50	13/16"
21.0 mm	0.8268	21.00	53/64"
21.5 mm	0.8465	21.50	27/32"

Size	Decimal (in)	Millimeters	Nearest 1/64"
2.8 mm	0.1102	2.80	7/64"
2.9 mm	0.1142	2.90	7/64"
3.0 mm	0.1181	3.00	1/8"
3.1 mm	0.1220	3.10	1/8"
3.2 mm	0.1260	3.20	1/8"
3.3 mm	0.1299	3.30	1/8"
3.4 mm	0.1339	3.40	9/64"
3.5 mm	0.1378	3.50	9/64"
3.6 mm	0.1417	3.60	9/64"

Size	Decimal (in)	Millimeters	Nearest 1/64"
7.8 mm	0.3071	7.80	5/16"
7.9 mm	0.3110	7.90	5/16"
8.0 mm	0.3150	8.00	5/16"
8.1 mm	0.3189	8.10	5/16"
8.2 mm	0.3228	8.20	21/64"
8.3 mm	0.3268	8.30	21/64"
8.4 mm	0.3307	8.40	21/64"
8.5 mm	0.3346	8.50	21/64"
8.6 mm	0.3386	8.60	11/32"

Size	Decimal (in)	Millimeters	Nearest 1/64"
22.0 mm	0.8661	22.00	55/64"
22.5 mm	0.8858	22.50	57/64"
23.0 mm	0.9055	23.00	29/32"
23.5 mm	0.9252	23.50	59/64"
24.0 mm	0.9449	24.00	15/16"
24.5 mm	0.9646	24.50	31/32"
25.0 mm	0.9843	25.00	63/64"

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