



## Drill and Tap Size Decimal Equivalents

Sizes	Dec. Inches	TAP Sizes
97	.0059	
.15mm	.0059	
96	.0063	
.16mm	.0063	
95	.0067	
.17mm	.0067	
94	.0071	
.18mm	.0071	
93	.0075	
.19mm	.0075	
92	.0079	
.2mm	.0079	
91	.0083	
.21mm	.0083	
90	.0087	
.22mm	.0087	
89	.0091	
.23mm	.0091	
.24mm	.0094	
88	.0095	
.25mm	.0098	
87	.0100	
.26mm	.0102	
86	.0105	
.27mm	.0106	
85	.0110	

Sizes	Dec. Inches	TAP Sizes
1.65mm	.0650	
1.7mm	.0669	
51	.0670	#2---56
1.75mm	.0689	m2.2x0.45
50	.0700	#2---64
1.8mm	.0709	
1.85mm	.0728	
49	.0730	
1.9mm	.0748	m2.3x0.4
48	.0760	
1.95mm	.0768	
<b>5/64</b>	<b>.0781</b>	
47	.0785	#3---48
2mm	.0787	
2.05mm	.0807	m2.5x0.45
46	.0810	
45	.0820	#3---56
2.1mm	.0827	
2.15mm	.0846	m2.6x0.45
44	.0860	#4---36
2.2mm	.0866	
2.25mm	.0886	
43	.0890	#4---40
2.3mm	.0906	
2.35mm	.0925	
42	.0935	#4---48

Sizes	Dec. Inches	TAP Sizes
5.1mm	.2008	
7	.2010	1/4---20
<b>13/64</b>	<b>.2031</b>	
6	.2040	
5.2mm	.2047	
5	.2055	
5.25mm	.2067	m6x0.75
5.3mm	.2087	
4	.2090	1/4---24
5.4mm	.2126	
3	.2130	1/4---28
5.5mm	.2165	
<b>7/32</b>	<b>.2188</b>	
5.6mm	.2205	
2	.2210	
5.7mm	.2244	
5.75mm	.2264	
1	.2280	
5.8mm	.2283	
5.9mm	.2323	
A	.2340	
<b>15/64</b>	<b>.2344</b>	
6mm	.2362	m7x1
B	.2380	
6.1mm	.2402	
C	.2420	

Sizes	Dec. Inches	TAP Sizes
9.9mm	.3898	
<b>25/64</b>	<b>.3906</b>	<b>7/16---20</b>
10mm	.3937	m12x1.75
X	.3970	
Y	.4040	
<b>13/32</b>	<b>.4062</b>	
Z	.4130	
10.5mm	.4134	m12x1.25
<b>27/64</b>	<b>.4219</b>	<b>1/2---13</b>
11mm	.4331	
<b>7/16</b>	<b>.4375</b>	<b>1/4-18 NPT PIPE</b>
11.5mm	.4528	
<b>29/64</b>	<b>.4531</b>	<b>1/4-18NPS/PIPE 1/2x20</b>
<b>15/32</b>	<b>.4688</b>	
12mm	.4724	m14x2
<b>31/64</b>	<b>.4844</b>	<b>9/16---12</b>
12.5mm	.4921	m14x1.5
<b>1/2</b>	<b>.5000</b>	
13mm	.5118	m14x1.25
<b>33/64</b>	<b>.5156</b>	<b>9/16---18</b>
<b>17/32</b>	<b>.5312</b>	<b>5/8---11</b>
13.5mm	.5315	
<b>35/64</b>	<b>.5469</b>	
14mm	.5512	m16x2
<b>9/16</b>	<b>.5625</b>	
14.5mm	.5709	m16x1.50

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Sizes	Dec. Inches	TAP Sizes
.28mm	.0110	
.29mm	.0114	
84	.0115	
.3mm	.0118	
83	.0120	
82	.0125	
.32mm	.0126	
81	.0130	
.34mm	.0134	
80	.0135	
.35mm	.0138	
.36mm	.0142	
79	.0145	
.38mm	.0150	
<b>1/64</b>	<b>.0156</b>	
.4mm	.0157	
78	.0160	
.42mm	.0165	
.44mm	.0173	
.45mm	.0177	
77	.0180	
.46mm	.0181	
.48mm	.0189	
.5mm	.0197	
76	.0200	
75	.0210	
.55mm	.0217	
74	.0225	
.6mm	.0236	
73	.0240	
72	.0250	
.65mm	.0256	
71	.0260	
.7mm	.0276	
70	.0280	
69	.0292	
.75mm	.0295	

Sizes	Dec. Inches	TAP Sizes
<b>3/32</b>	<b>.0938</b>	
2.4mm	.0945	
41	.0960	
2.45mm	.0965	
40	.0980	
2.5mm	.0984	m3x0.5
39	.0995	
38	.1015	#5---40
2.6mm	.1024	
37	.1040	
2.7mm	.1063	#5---44
36	.1065	
2.75mm	.1083	#6---32
<b>7/64</b>	<b>.1094</b>	
35	.1100	
2.8mm	.1102	
34	.1110	
33	.1130	#6---40
2.9mm	.1142	m3.5x0.6
32	.1160	
3mm	.1181	
31	.1200	
3.1mm	.1220	
<b>1/8</b>	<b>.1250</b>	<b>5/32-32NS</b>
3.2mm	.1260	
3.25mm	.1280	
30	.1285	5/32-36NS
3.3mm	.1299	m4x0.7
3.4mm	.1339	
29	.1360	#8---32
3.5mm	.1378	
28	.1405	
<b>9/64</b>	<b>.1406</b>	
3.6mm	.1417	
27	.1440	
3.7mm	.1457	
26	.1470	3/16-24NS

Sizes	Dec. Inches	TAP Sizes
6.2mm	.2441	
D	.2460	1/16-27NPT PIPE
6.25mm	.2461	
6.3mm	.2480	
E	.2500	
<b>15/64</b>	<b>.2344</b>	
6.4mm	.2520	
6.5mm	.2559	
F	.2570	5/16-18NC
6.6mm	.2598	
G	.2610	
6.7mm	.2638	
<b>17/64</b>	<b>.2656</b>	
6.75mm	.2657	m8x1.25
H	.2660	
6.8mm	.2677	
6.9mm	.2717	
I	.2720	5/16-24NF
7mm	.2756	m8x1
J	.2770	
7.1mm	.2795	
K	.2810	
<b>9/32</b>	<b>.2812</b>	<b>5/16-32NS</b>
7.2mm	.2835	
7.25mm	.2854	
7.3mm	.2874	
L	.2900	
7.4mm	.2913	
M	.2950	
7.5mm	.2953	
<b>19/64</b>	<b>.2969</b>	
7.6mm	.2992	
N	.3020	
7.7mm	.3031	
7.75mm	.3051	m9x1.25
7.8mm	.3071	
7.9mm	.3110	

Sizes	Dec. Inches	TAP Sizes
<b>37/64</b>	<b>.5781</b>	<b>3/8-18NPT/PIPE 5/8-18NF</b>
15mm	.5906	
<b>19/32</b>	<b>.5938</b>	<b>3/8-18NPS PIPE</b>
<b>39/64</b>	<b>.6094</b>	
15.5mm	.6102	m18x2.5
<b>5/8</b>	<b>.6250</b>	<b>11/16-16NS</b>
16mm	.6299	m18x2.0
<b>41/64</b>	<b>.6406</b>	
16.5mm	.6496	
<b>21/32</b>	<b>.6562</b>	<b>3/4-10NC</b>
17mm	.6693	
<b>43/64</b>	<b>.6719</b>	
<b>11/16</b>	<b>.6875</b>	<b>3/4-16NF</b>
17.5mm	.6890	m20x2.5
<b>45/64</b>	<b>.7031</b>	
18mm	.7087	m20x2.0
<b>23/32</b>	<b>.7188</b>	<b>1/2-14NPT PIPE</b>
18.5mm	.7283	m20x1.5
<b>47/64</b>	<b>.7344</b>	<b>1/2-14NPS PIPE</b>
19mm	.7480	
<b>3/4</b>	<b>.7500</b>	
<b>49/64</b>	<b>.7656</b>	<b>7/8-9NC</b>
19.5mm	.7677	m22x2.5
<b>25/32</b>	<b>.7812</b>	
20mm	.7874	m22x2.0
<b>51/64</b>	<b>.7969</b>	
20.5mm	.8071	m22x1.5
<b>13/16</b>	<b>.8125</b>	<b>7/8-14NF</b>
21mm	.8268	
<b>53/64</b>	<b>.8281</b>	
<b>27/32</b>	<b>.8438</b>	
21.5mm	.8465	
<b>55/64</b>	<b>.8594</b>	
22mm	.8661	m24x2
<b>7/8</b>	<b>.8750</b>	<b>1-8NC</b>
22.25mm	.8760	
22.5mm	.8858	m24x1.50

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Sizes	Dec. Inches	TAP Sizes
68	.0310	
<b>1/32</b>	<b>.0312</b>	
.8mm	.0315	
67	.0320	
66	.0330	
.85mm	.0335	
65	.0350	
.9mm	.0354	
64	.0330	
63	.0370	
.95mm	.0374	
62	.0380	
61	.0390	
1mm	.0394	
60	.0400	
59	.0410	
1.05mm	.0413	
58	.0420	
57	.0430	
1.1mm	.0433	
1.15mm	.0453	
56	.0456	
<b>3/64</b>	<b>.0469</b>	<b>#0---80</b>
1.2mm	.0472	
1.25mm	.0492	m1.6x0.35
1.3mm	.0512	
55	.0520	
1.35mm	.0531	
54	.0550	
1.4mm	.0551	
1.45mm	.0571	m1.8x0.35
1.5mm	.0591	
53	.0595	#1---64,72
1.55mm	.0610	
<b>1/16</b>	<b>.0625</b>	
1.6mm	.0630	m2x0.4
52	.0635	

Sizes	Dec. Inches	TAP Sizes
3.75mm	.1476	m4.5x0.75
25	.1495	#10---24
3.8mm	.1496	
24	.1520	
3.9mm	.1535	
23	.1540	
<b>5/32</b>	<b>.1562</b>	
22	.1570	3/16-32NS
4mm	.1575	
21	.1590	#10---32
20	.1610	
4.1mm	.1614	
4.2mm	.1654	m5x0.8
19	.1660	
4.25mm	.1673	
4.3mm	.1693	
18	.1695	
<b>11/64</b>	<b>.1719</b>	
17	.1730	
4.4mm	.1732	
16	.1770	#12---24
4.5mm	.1772	
15	.1800	
4.6mm	.1811	
14	.1820	#12---28
13	.1850	
4.7mm	.1850	
4.75mm	.1870	
<b>3/16</b>	<b>.1875</b>	
4.8mm	.1890	
12	.1910	7/32-32NS
11	.1910	
4.9mm	.1929	
10	.1935	
9	.1960	
5mm	.1969	m6x1
8	.1990	

Sizes	Dec. Inches	TAP Sizes
<b>5/16</b>	<b>.3125</b>	<b>3/8-16NC</b>
8mm	.3150	
O	.3160	
8.1mm	.3189	
8.2mm	.3228	
P	.3230	
8.25mm	.3248	
8.3mm	.3268	
<b>21/64</b>	<b>.3281</b>	
8.4m	.3307	
Q	.3320	3/8-24NF
8.5mm	.3346	m10x1.5
8.6mm	.3386	
R	.3390	1/8-27 NPT PIPE
8.7mm	.3425	
<b>11/32</b>	<b>.3438</b>	
8.75mm	.3445	m10x1.25
8.8mm	.3465	
S	.3480	1/8-27 NPS PIPE
8.9mm	.3504	
9mm	.3543	m10x1.00
T	.3580	
9.1mm	.3583	
<b>23/64</b>	<b>.3594</b>	
9.2mm	.3622	
9.25mm	.3642	
9.3mm	.3661	
U	.3680	7/16-14NC
9.4mm	.3701	
9.5mm	.3740	m11x1.50
<b>3/8</b>	<b>.3750</b>	
V	.3770	
9.6mm	.3780	
9.7mm	.3819	
9.75mm	.3839	
9.8mm	.3858	
W	.3860	

Sizes	Dec. Inches	TAP Sizes
<b>57/64</b>	<b>.8906</b>	
23mm	.9055	
<b>29/32</b>	<b>.9062</b>	
<b>59/64</b>	<b>.9219</b>	<b>3/4-14NPT PIPE</b>
23.5mm	.9252	
<b>15/16</b>	<b>.9375</b>	<b>3/4-14NPS/PIPE 1-14NF</b>
24mm	.9449	m27x3
<b>61/64</b>	<b>.9531</b>	
24.5mm	.9646	
<b>31/32</b>	<b>.9688</b>	
25mm	.9843	m27x2
<b>63/64</b>	<b>.9844</b>	<b>1-1/8---7NC</b>
<b>1</b>	<b>1.0000</b>	
25.5mm	1.0039	
<b>1-1/64</b>	<b>1.0156</b>	
26mm	1.0236	
<b>1-1/32</b>	<b>1.0312</b>	
26.5mm	1.0433	m30x3.5
<b>1-3/64</b>	<b>1.0469</b>	<b>1/1/8-12NF</b>
<b>1-1/6</b>	<b>1.0625</b>	
27mm	1.0630	
<b>1-5/64</b>	<b>1.0781</b>	
27.5mm	1.0827	
<b>1-3/32</b>	<b>1.0938</b>	
28mm	1.1024	m30x2.0
<b>1-7/64</b>	<b>1.1094</b>	<b>1-1/4-7NC</b>
28.5mm	1.1220	
<b>1-1/8</b>	<b>1.1250</b>	
<b>1-9/64</b>	<b>1.1406</b>	
29mm	1.1417	
<b>1-5/32</b>	<b>1.1562</b>	<b>1-11-1/2NPT PIPE</b>
29.5mm	1.1614	
<b>1-11/64</b>	<b>1.1719</b>	<b>1-1/4-12NF</b>

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