

Since 1880 INCH/METRIC TAP DRILL SIZES & DECIMAL EQUIVALENTS

	DECIMAL				DECIMAL	G DLOI
DRILL SIZE	EQUIVALENT	TAP SIZE	DRILL SIZE		EQUIVALENT	TAP SIZE
80	.0135			10	.1935	
1 79	.0145			9	.1960	
64	.0156			8	.1990	14. 00
78 77	.0160 .0180		<u>13</u> 64		.2010	1/4 - 20
76	.0200		64	6	.2031 .2040	
75	.0210			5	.2055	
74	.0225			4	.2090	
73	.0240		7	3	.2130	¹ /4 - 28
72	.0250		32	2	.2188	
71 70	.0260 .0280			2	.2210 .2280	
69	.0292			Å	.2340	
68	.0310		<u>15</u> 64		.2344	
32	.0312		04	В	.2380	
67	.0320			C	.2420	
66	.0330		1	D E	.2460	
65 64	.0350 .0360		4	F	.2500 .2570	⁵ /16 - 18
63	.0370		4 —	G	.2610	716 - 10
62	.0380		<u>17</u> 64		.2656	
61	.0390		04	Н	.2660	
60	.0400			I.	.2720	⁵ /16 - 24
59 58	.0410			J	.2770	
57	.0420 .0430		9	K	.2810 .2812	
5G	.0465		32	L	.2900	
64	.0469	0 - 80	40	M	.2950	
53	.0520		<u>19</u> 64		.2969	
54 53	.0550	1 64 70	5	N	.3020	21. 40
	.0595 .0625	1 - 64, 72	16	0	.3125 .3160	³ /8 - 16
16 52	.0635			P	.3230	
51	.0670		<u>21</u> 64	_	.3281	
50	.0700	2 - 56, 64	04	Q	.3320	³ /8 - 24
49	.0730		11	R	.3390	
5 64 48	.0760 .0781		<u>11</u> 32	6	.3438	
64 47	.0785	3 - 48		S	.3480 .3580	
46	.0810		<u>23</u> 64		.3594	
45	.0820	3 - 56	3	U	.3680	⁷ /16 - 14
44	.0860	4 40	8		.3750	
43 42	.0890 .0935	4 - 40 4 - 48		V	.3770	
J	.0938	T - 40	<u>25</u> 64	W	.3860 .3906	⁷ /16 - 20
32 41	.0960		64	X	.3970	710 - 20
40 39 38 37 36	.0980		13	X	.4040	
39	.0995 .1015	5 - 40	<u>13</u> 32	_	.4062	
37	.1040	5 - 44	27 64 7	Z	.4130 .4219	1/2 - 13
7 36	.1065	6 - 32		_	.4375	1/2 - 13
64	.1094		29 16 64 15 31 32 64 1		.4531	1/2 - 20
35	.1100 .1110		31 32		.4688	
34 33	.1130	6 - 40	64 1		.4844	⁹ /16 - 12
33 32	.1160				.5000	0/10 40
4 31	.1200		33 2 64 17		.5156	⁹ /16 - 18 ⁵ /8 - 11
8 20	.1250		35 32		.5312 .5469	9/8 - 11
30 29	.1285 .1360	9 22 26	64 9		.5625	
20	.1300	8 - 32, 36	37 16 64 19		.5781	⁵ /8 - 18
9 64 27	.1406		39 32		.5938	
21	.1440		64 5		.6094	
26	.1470	40.04	l -		.6250 6406	
25	.1495	10 - 24	41 8 64 21		.6406 .6562	³ /4 - 10
25 24 23	.1520 .1540		43 32 64 11		.6719	74 - 10
5 32 22	.1562				.6875	³ /4 - 16
	.1570		45 16 64 <u>23</u>		.7031	
21	.1590	10 - 32			.7188	
20 19	.1610		64 3		.7344	
18	.1660 .1695		49 4		. <mark>7500</mark> .7656	7/8 - 9
64	.1719				.7812	10 - 3
17	.1730		51 32 64 13		.7969	
16	.1770	12 - 24			.8125	⁷ /8 - 14
15	.1800	12 20	53 16 64 27		.8281	
14 2 13	.1820 .1850	12 - 28	55 32 64 7		.8438 .8594	
<u> </u>	.1875				.8750	1 - 8
12	.1875 .1890		57 8 64 29		.8906	
11	.1910		64 <u>29</u>		.9062	
Pullotin 1014 5M/C 05/10	1		~			

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DRILL SIZE	DECIMAL EQUIVALENT	TAP SIZE	
59 64 61 64 31 63 32 64 1 1 ³ / ₆₄ 1 ⁷ / ₆₄ 1 ¹ / ₆₄ 1 ¹ / ₃₂ 1 ¹ / ₄ 1 ¹ / ₃₂ 1 ³ / ₈ 1 ²⁷ / ₆₄ 1 ¹ / ₂	.9219 .9375 .9531 .9688 .9844 1.0000 1.0469 1.1094 1.1250 1.1719 1.2188 1.2500 1.2969 1.3438 1.3750 1.4219 1.5000	$1 - 12$ $1 - 14$ $1^{1/8} - 7$ $1^{1/8} - 12$ $1^{1/4} - 7$ $1^{1/4} - 12$ $1^{3/8} - 6$ $1^{3/8} - 12$ $1^{1/2} - 6$	

METRIC TAP DRILL SIZES METRIC TAP TAP DRILL (mm) DECIMAL (inch) M1.6 x 0.35 1.25 .0492 M1.8 x 0.35 1.45 .0571 M2 x 0.4 1.60 .0630 M2.2 x 0.45 1.75 .0689 M2.5 x 0.45 2.05 .0807 M3 x 0.5 2.50 .0984 M3.5 x 0.6 2.90 .1142 M4 x 0.7 3.30 .1299 M4.5 x 0.75 3.70 .1457 M5 x 0.8 4.20 .1654 M6 x 1 5.00 .1968 M7 x 1 6.00 .2362 M8 x 1.25 6.70 .2638 M8 x 1 7.00 .2756 M10 x 1.5 8.50 .3346 M10 x 1.25 8.70 .3425 M12 x 1.75 10.20 .4016 M12 x 1.25 10.80 .4252 M14 x 2 12.00 .4724 M14 x 1.5 12.50 .4921 M16 x 2 14.00 .5512 M16 x 1.5 14.50 .5709 M18 x 2.5 15.50 .6102 M18 x 1.5 16.50 .6496 M20 x 2.5 17.50 .6890 M20 x 1.5 18.50 .7283 M22 x 2.5 19.50 .7677 M22 x 1.5 20.50 .8071 M24 x 3 21.00 .8268 M24 x 2 22.00 .8661 M27 x 3 24.00 .9449 M27 x 2 25.00 .9843 M30 x 3.5 26.50 1.0433 M30 x 2 28.00 1.1024 M33 x 3.5 29.50 1.1614 M33 x 2 31.00 1.2205 M36 x 4 32.00 1.2598 M36 x 3 33.00 1.2992 M39 x 4 35.00 1.3780 M39 x 3 36.00 1.4173	1 / 2	110000	
METRIC TAP TAP DRILL (mm) DECIMAL (inch) M1.6 x 0.35 1.25 .0492 M1.8 x 0.35 1.45 .0571 M2 x 0.4 1.60 .0630 M2.2 x 0.45 1.75 .0689 M2.5 x 0.45 2.05 .0807 M3 x 0.5 2.50 .0984 M3.5 x 0.6 2.90 .1142 M4 x 0.7 3.30 .1299 M4.5 x 0.75 3.70 .1457 M5 x 0.8 4.20 .1654 M6 x 1 5.00 .1968 M7 x 1 6.00 .2362 M8 x 1.25 6.70 .2638 M8 x 1 7.00 .2756 M10 x 1.5 8.50 .3346 M10 x 1.25 8.70 .3425 M10 x 1.25 8.70 .3425 M12 x 1.75 10.20 .4016 M12 x 1.25 10.80 .4252 M14 x 2 12.00 .4724 M14 x 2 12.50 .4921 <td< th=""><th></th><th></th><th></th></td<>			
M1.6 x 0.35 1.25 .0492 M1.8 x 0.35 1.45 .0571 M2 x 0.4 1.60 .0630 M2.2 x 0.45 1.75 .0689 M2.5 x 0.45 2.05 .0807 M3 x 0.5 2.50 .0984 M3.5 x 0.6 2.90 .1142 M4 x 0.7 3.30 .1299 M4.5 x 0.75 3.70 .1457 M5 x 0.8 4.20 .1654 M6 x 1 5.00 .1968 M7 x 1 6.00 .2362 M8 x 1.25 6.70 .2638 M8 x 1 7.00 .2756 M10 x 1.5 8.50 .3346 M10 x 1.25 8.70 .3425 M12 x 1.75 10.20 .4016 M12 x 1.25 10.80 .4252 M14 x 2 12.00 .4724 M14 x 1.5 12.50 .4921 M16 x 2 14.50 .5709 M18 x 1.5 16.50 .6496 M20 x 2.5 17.50 .6890 M22 x 2.5 19.50 .7677	METRIC	C TAP DRILL SIZ	ZES
M1.8 x 0.35 1.45 .0571 M2 x 0.4 1.60 .0630 M2.2 x 0.45 1.75 .0689 M2.5 x 0.45 2.05 .0807 M3 x 0.5 2.50 .0984 M3.5 x 0.6 2.90 .1142 M4 x 0.7 3.30 .1299 M4.5 x 0.75 3.70 .1457 M5 x 0.8 4.20 .1654 M6 x 1 5.00 .1968 M7 x 1 6.00 .2362 M8 x 1.25 6.70 .2638 M8 x 1 7.00 .2756 M10 x 1.5 8.50 .3346 M10 x 1.5 8.50 .3425 M12 x 1.75 10.20 .4016 M12 x 1.25 10.80 .4252 M14 x 2 12.00 .4724 M14 x 1.5 12.50 .4921 M16 x 2 14.00 .5512 M18 x 1.5 16.50 .6496 M20 x 2.5 17.50 .6890 M20 x 1.5 18.50 .7283 M24 x 3 21.00 .8268	METRIC TAP	TAP DRILL (mm)	DECIMAL (Inch)
M2 x 0.4 1.60 .0630 M2.2 x 0.45 1.75 .0689 M2.5 x 0.45 2.05 .0807 M3 x 0.5 2.50 .0984 M3.5 x 0.6 2.90 .1142 M4 x 0.7 3.30 .1299 M4.5 x 0.75 3.70 .1457 M5 x 0.8 4.20 .1654 M6 x 1 5.00 .1968 M7 x 1 6.00 .2362 M8 x 1.25 6.70 .2638 M8 x 1 7.00 .2756 M10 x 1.5 8.50 .3346 M10 x 1.5 8.50 .3346 M10 x 1.25 8.70 .3425 M12 x 1.75 10.20 .4016 M12 x 1.25 10.80 .4252 M14 x 2 12.00 .4724 M14 x 1.5 12.50 .4921 M16 x 2 14.00 .5512 M16 x 1.5 14.50 .5709 M18 x 2.5 15.50 .6496 M20 x 2.5 17.50 .6890 M22 x 2.5 19.50 .7677	$M1.6 \times 0.35$	1.25	.0492
M2.2 x 0.45 1.75 .0689 M2.5 x 0.45 2.05 .0807 M3 x 0.5 2.50 .0984 M3.5 x 0.6 2.90 .1142 M4 x 0.7 3.30 .1299 M4.5 x 0.75 3.70 .1457 M5 x 0.8 4.20 .1654 M6 x 1 5.00 .1968 M7 x 1 6.00 .2362 M8 x 1.25 6.70 .2638 M8 x 1 7.00 .2756 M10 x 1.5 8.50 .3346 M10 x 1.25 8.70 .3425 M12 x 1.75 10.20 .4016 M12 x 1.25 10.80 .4252 M14 x 2 12.00 .4724 M14 x 1.5 12.50 .4921 M16 x 2 14.00 .5512 M18 x 1.5 14.50 .5709 M18 x 2.5 15.50 .6496 M20 x 2.5 17.50 .6890 M22 x 1.5 20.50 .8071 M24 x 3 21.00 .8268 M24 x 2 22.00 .8661	$M1.8 \times 0.35$	1.45	.0571
M2.2 x 0.45 1.75 .0689 M2.5 x 0.45 2.05 .0807 M3 x 0.5 2.50 .0984 M3.5 x 0.6 2.90 .1142 M4 x 0.7 3.30 .1299 M4.5 x 0.75 3.70 .1457 M5 x 0.8 4.20 .1654 M6 x 1 5.00 .1968 M7 x 1 6.00 .2362 M8 x 1.25 6.70 .2638 M8 x 1 7.00 .2756 M10 x 1.5 8.50 .3346 M10 x 1.25 8.70 .3425 M12 x 1.75 10.20 .4016 M12 x 1.25 10.80 .4252 M14 x 2 12.00 .4724 M14 x 1.5 12.50 .4921 M16 x 2 14.00 .5512 M18 x 1.5 14.50 .5709 M18 x 2.5 15.50 .6496 M20 x 2.5 17.50 .6890 M22 x 1.5 20.50 .8071 M24 x 3 21.00 .8268 M24 x 2 22.00 .8661	$M2 \times 0.4$	1.60	.0630
M2.5 x 0.45 2.05 .0807 M3 x 0.5 2.50 .0984 M3.5 x 0.6 2.90 .1142 M4 x 0.7 3.30 .1299 M4.5 x 0.75 3.70 .1457 M5 x 0.8 4.20 .1654 M6 x 1 5.00 .1968 M7 x 1 6.00 .2362 M8 x 1.25 6.70 .2638 M8 x 1 7.00 .2756 M10 x 1.5 8.50 .3346 M10 x 1.25 8.70 .3425 M12 x 1.75 10.20 .4016 M12 x 1.25 10.80 .4252 M14 x 2 12.00 .4724 M14 x 1.5 12.50 .4921 M16 x 2 14.00 .5512 M18 x 1.5 16.50 .6496 M20 x 2.5 17.50 .6890 M20 x 2.5 17.50 .6890 M22 x 2.5 19.50 .7677 M22 x 1.5 20.50 .8661 M27 x 3 24.00 .9449 M27 x 2 25.00 .9843	$M2.2 \times 0.45$		
M3 x 0.5 2.50 .0984 M3.5 x 0.6 2.90 .1142 M4 x 0.7 3.30 .1299 M4.5 x 0.75 3.70 .1457 M5 x 0.8 4.20 .1654 M6 x 1 5.00 .1968 M7 x 1 6.00 .2362 M8 x 1.25 6.70 .2638 M8 x 1 7.00 .2756 M10 x 1.5 8.50 .3346 M10 x 1.25 8.70 .3425 M12 x 1.75 10.20 .4016 M12 x 1.25 10.80 .4252 M14 x 2 12.00 .4724 M14 x 1.5 12.50 .4921 M16 x 2 14.00 .5512 M16 x 1.5 14.50 .5709 M18 x 1.5 16.50 .6496 M20 x 2.5 17.50 .6890 M20 x 1.5 18.50 .7283 M22 x 2.5 19.50 .7677 M22 x 1.5 20.50 .8661 M27 x 3 24.00 .9449 M27 x 2 25.00 .9843 <	111212 11 01 10		
M3.5 x 0.6 2.90 .1142 M4 x 0.7 3.30 .1299 M4.5 x 0.75 3.70 .1457 M5 x 0.8 4.20 .1654 M6 x 1 5.00 .1968 M7 x 1 6.00 .2362 M8 x 1.25 6.70 .2638 M8 x 1 7.00 .2756 M10 x 1.5 8.50 .3346 M10 x 1.25 8.70 .3425 M12 x 1.75 10.20 .4016 M12 x 1.25 10.80 .4252 M14 x 2 12.00 .4724 M14 x 1.5 12.50 .4921 M16 x 2 14.00 .5512 M16 x 1.5 14.50 .5709 M18 x 2.5 15.50 .6102 M18 x 1.5 16.50 .6496 M20 x 2.5 17.50 .6890 M22 x 2.5 19.50 .7677 M22 x 1.5 20.50 .8071 M24 x 3 21.00 .8268 M24 x 2 22.00 .8661 M27 x 3 24.00 .9449 <			
M4 x 0.7 3.30 .1299 M4.5 x 0.75 3.70 .1457 M5 x 0.8 4.20 .1654 M6 x 1 5.00 .1968 M7 x 1 6.00 .2362 M8 x 1.25 6.70 .2638 M8 x 1 7.00 .2756 M10 x 1.5 8.50 .3346 M10 x 1.25 8.70 .3425 M12 x 1.75 10.20 .4016 M12 x 1.25 10.80 .4252 M14 x 2 12.00 .4724 M14 x 1.5 12.50 .4921 M16 x 2 14.00 .5512 M16 x 2.5 15.50 .6102 M18 x 1.5 16.50 .6496 M20 x 2.5 17.50 .6890 M20 x 1.5 18.50 .7283 M22 x 2.5 19.50 .7677 M22 x 1.5 20.50 .8061 M24 x 2 22.00 .8661 M27 x 3 24.00 .9449 M27 x 2 25.00 .9843 M30 x 2 28.00 1.1614 </td <td>1110 11 010</td> <td></td> <td></td>	1110 11 010		
M4.5 x 0.75 3.70 .1457 M5 x 0.8 4.20 .1654 M6 x 1 5.00 .1968 M7 x 1 6.00 .2362 M8 x 1.25 6.70 .2638 M8 x 1 7.00 .2756 M10 x 1.5 8.50 .3346 M10 x 1.25 8.70 .3425 M12 x 1.75 10.20 .4016 M12 x 1.25 10.80 .4252 M14 x 2 12.00 .4724 M14 x 1.5 12.50 .4921 M16 x 2 14.00 .5512 M16 x 1.5 14.50 .5709 M18 x 2.5 15.50 .6102 M18 x 1.5 16.50 .6496 M20 x 2.5 17.50 .6890 M22 x 2.5 19.50 .7677 M22 x 1.5 20.50 .8071 M24 x 3 21.00 .8268 M24 x 2 22.00 .8661 M27 x 3 24.00 .9449 M27 x 2 25.00 .9843 M30 x 3.5 26.50 1.0433			—
M5 x 0.8 4.20 .1654 M6 x 1 5.00 .1968 M7 x 1 6.00 .2362 M8 x 1.25 6.70 .2638 M8 x 1 7.00 .2756 M10 x 1.5 8.50 .3346 M10 x 1.25 8.70 .3425 M12 x 1.75 10.20 .4016 M12 x 1.25 10.80 .4252 M14 x 2 12.00 .4724 M14 x 1.5 12.50 .4921 M16 x 2 14.00 .5512 M16 x 2.5 14.50 .5709 M18 x 2.5 15.50 .6102 M18 x 1.5 16.50 .6496 M20 x 2.5 17.50 .6890 M20 x 1.5 18.50 .7283 M22 x 2.5 19.50 .7677 M22 x 1.5 20.50 .8071 M24 x 3 21.00 .8268 M24 x 2 22.00 .8661 M27 x 3 24.00 .9449 M27 x 2 25.00 1.0433 M30 x 3.5 26.50 1.0433	M4 x 0.7	3.30	.1299
M6 x 1 5.00 .1968 M7 x 1 6.00 .2362 M8 x 1.25 6.70 .2638 M8 x 1 7.00 .2756 M10 x 1.5 8.50 .3346 M10 x 1.25 8.70 .3425 M12 x 1.75 10.20 .4016 M12 x 1.25 10.80 .4252 M14 x 2 12.00 .4724 M14 x 1.5 12.50 .4921 M16 x 2 14.00 .5512 M16 x 1.5 14.50 .5709 M18 x 2.5 15.50 .6102 M18 x 1.5 16.50 .6496 M20 x 2.5 17.50 .6890 M20 x 1.5 18.50 .7677 M22 x 1.5 20.50 .8071 M24 x 3 21.00 .8268 M24 x 2 22.00 .8661 M27 x 3 24.00 .9449 M27 x 2 25.00 .9843 M30 x 3.5 26.50 1.0433 M30 x 2 28.00 1.1024 M33 x 2 31.00 1.2598 <	$M4.5 \times 0.75$	3.70	.1457
M7 x 1 6.00 .2362 M8 x 1.25 6.70 .2638 M8 x 1 7.00 .2756 M10 x 1.5 8.50 .3346 M10 x 1.25 8.70 .3425 M12 x 1.75 10.20 .4016 M12 x 1.25 10.80 .4252 M14 x 2 12.00 .4724 M14 x 1.5 12.50 .4921 M16 x 2 14.00 .5512 M16 x 1.5 14.50 .5709 M18 x 2.5 15.50 .6102 M18 x 1.5 16.50 .6496 M20 x 2.5 17.50 .6890 M20 x 1.5 18.50 .7283 M22 x 2.5 19.50 .7677 M22 x 1.5 20.50 .8071 M24 x 3 21.00 .8268 M24 x 2 22.00 .8661 M27 x 3 24.00 .9449 M27 x 2 25.00 .9843 M30 x 3.5 26.50 1.0433 M30 x 2 28.00 1.1024 M33 x 2 31.00 1.2598	$M5 \times 0.8$	4.20	.1654
M7 x 1 6.00 .2362 M8 x 1.25 6.70 .2638 M8 x 1 7.00 .2756 M10 x 1.5 8.50 .3346 M10 x 1.25 8.70 .3425 M12 x 1.75 10.20 .4016 M12 x 1.25 10.80 .4252 M14 x 2 12.00 .4724 M14 x 1.5 12.50 .4921 M16 x 2 14.00 .5512 M16 x 1.5 14.50 .5709 M18 x 2.5 15.50 .6102 M18 x 1.5 16.50 .6496 M20 x 2.5 17.50 .6890 M20 x 1.5 18.50 .7283 M22 x 2.5 19.50 .7677 M22 x 1.5 20.50 .8071 M24 x 3 21.00 .8268 M24 x 2 22.00 .8661 M27 x 2 25.00 .9843 M30 x 3.5 26.50 1.0433 M30 x 2 28.00 1.1024 M33 x 2 31.00 1.2598 M36 x 4 32.00 1.2598	M6 x 1	5.00	.1968
M8 x 1 7.00 .2756 M10 x 1.5 8.50 .3346 M10 x 1.25 8.70 .3425 M12 x 1.75 10.20 .4016 M12 x 1.25 10.80 .4252 M14 x 2 12.00 .4724 M14 x 1.5 12.50 .4921 M16 x 2 14.00 .5512 M16 x 1.5 14.50 .5709 M18 x 2.5 15.50 .6102 M18 x 1.5 16.50 .6890 M20 x 2.5 17.50 .6890 M20 x 1.5 18.50 .7283 M22 x 2.5 19.50 .7677 M22 x 1.5 20.50 .8071 M24 x 3 21.00 .8268 M24 x 2 22.00 .8661 M27 x 2 25.00 .9449 M27 x 2 25.00 1.0433 M30 x 3.5 26.50 1.0433 M30 x 2 28.00 1.1024 M33 x 3.5 29.50 1.1614 M33 x 2 31.00 1.2598 M36 x 4 32.00 1.2598<	M7 x 1		
M8 x 1 7.00 .2756 M10 x 1.5 8.50 .3346 M10 x 1.25 8.70 .3425 M12 x 1.75 10.20 .4016 M12 x 1.25 10.80 .4252 M14 x 2 12.00 .4724 M14 x 1.5 12.50 .4921 M16 x 2 14.00 .5512 M16 x 1.5 14.50 .5709 M18 x 2.5 15.50 .6102 M18 x 1.5 16.50 .6496 M20 x 2.5 17.50 .6890 M20 x 1.5 18.50 .7283 M22 x 2.5 19.50 .7677 M22 x 1.5 20.50 .8071 M24 x 3 21.00 .8268 M24 x 2 22.00 .8661 M27 x 3 24.00 .9449 M27 x 2 25.00 .9843 M30 x 2 28.00 1.1024 M33 x 3.5 29.50 1.1614 M33 x 2 31.00 1.2598 M36 x 4 32.00 1.2598 M39 x 4 35.00 1.3780 <td></td> <td></td> <td></td>			
M10 x 1.5 8.50 .3346 M10 x 1.25 8.70 .3425 M12 x 1.75 10.20 .4016 M12 x 1.25 10.80 .4252 M14 x 2 12.00 .4724 M14 x 1.5 12.50 .4921 M16 x 2 14.00 .5512 M16 x 1.5 14.50 .5709 M18 x 2.5 15.50 .6102 M18 x 1.5 16.50 .6496 M20 x 2.5 17.50 .6890 M20 x 1.5 18.50 .7283 M22 x 2.5 19.50 .7677 M22 x 1.5 20.50 .8071 M24 x 3 21.00 .8268 M24 x 2 22.00 .8661 M27 x 3 24.00 .9449 M27 x 2 25.00 .9843 M30 x 3.5 26.50 1.0433 M30 x 2 28.00 1.1024 M33 x 3.5 29.50 1.1614 M33 x 2 31.00 1.2598 M36 x 4 32.00 1.2598 M36 x 3 33.00 1.259			
M10 x 1.25 8.70 .3425 M12 x 1.75 10.20 .4016 M12 x 1.25 10.80 .4252 M14 x 2 12.00 .4724 M14 x 1.5 12.50 .4921 M16 x 2 14.00 .5512 M16 x 1.5 14.50 .5709 M18 x 2.5 15.50 .6102 M18 x 1.5 16.50 .6496 M20 x 2.5 17.50 .6890 M20 x 1.5 18.50 .7283 M22 x 2.5 19.50 .7677 M22 x 1.5 20.50 .8071 M24 x 3 21.00 .8268 M24 x 2 22.00 .8661 M27 x 3 24.00 .9449 M27 x 2 25.00 .9843 M30 x 3.5 26.50 1.0433 M30 x 2 28.00 1.1024 M33 x 3.5 29.50 1.1614 M33 x 2 31.00 1.2598 M36 x 4 32.00 1.2598 M36 x 3 33.00 1.2992 M39 x 4 35.00 1.378			
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M14 x 2 12.00 .4724 M14 x 1.5 12.50 .4921 M16 x 2 14.00 .5512 M16 x 1.5 14.50 .5709 M18 x 2.5 15.50 .6102 M18 x 1.5 16.50 .6496 M20 x 2.5 17.50 .6890 M20 x 1.5 18.50 .7283 M22 x 2.5 19.50 .7677 M22 x 1.5 20.50 .8071 M24 x 3 21.00 .8268 M24 x 2 22.00 .8661 M27 x 3 24.00 .9449 M27 x 2 25.00 .9843 M30 x 3.5 26.50 1.0433 M30 x 2 28.00 1.1024 M33 x 3.5 29.50 1.1614 M33 x 2 31.00 1.2205 M36 x 4 32.00 1.2598 M36 x 3 33.00 1.2992 M39 x 4 35.00 1.3780	M12 x 1.75	10.20	.4016
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M16 x 2 14.00 .5512 M16 x 1.5 14.50 .5709 M18 x 2.5 15.50 .6102 M18 x 1.5 16.50 .6496 M20 x 2.5 17.50 .6890 M20 x 1.5 18.50 .7283 M22 x 2.5 19.50 .7677 M22 x 1.5 20.50 .8071 M24 x 3 21.00 .8268 M24 x 2 22.00 .8661 M27 x 3 24.00 .9449 M27 x 2 25.00 .9843 M30 x 3.5 26.50 1.0433 M30 x 2 28.00 1.1024 M33 x 3.5 29.50 1.1614 M33 x 2 31.00 1.2205 M36 x 4 32.00 1.2598 M36 x 3 33.00 1.2992 M39 x 4 35.00 1.3780	M14 x 1.5	12.50	.4921
M16 x 1.5 14.50 .5709 M18 x 2.5 15.50 .6102 M18 x 1.5 16.50 .6496 M20 x 2.5 17.50 .6890 M20 x 1.5 18.50 .7283 M22 x 2.5 19.50 .7677 M22 x 1.5 20.50 .8071 M24 x 3 21.00 .8268 M24 x 2 22.00 .8661 M27 x 3 24.00 .9449 M27 x 2 25.00 .9843 M30 x 3.5 26.50 1.0433 M30 x 2 28.00 1.1024 M33 x 3.5 29.50 1.1614 M33 x 2 31.00 1.2598 M36 x 4 32.00 1.2598 M39 x 4 35.00 1.3780		14 00	5512
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M22 x 1.5 20.50 .8071 M24 x 3 21.00 .8268 M24 x 2 22.00 .8661 M27 x 3 24.00 .9449 M27 x 2 25.00 .9843 M30 x 3.5 26.50 1.0433 M30 x 2 28.00 1.1024 M33 x 3.5 29.50 1.1614 M33 x 2 31.00 1.2205 M36 x 4 32.00 1.2598 M36 x 3 33.00 1.2992 M39 x 4 35.00 1.3780	M20 x 1.5		.7283
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M33 x 2 31.00 1.2205 M36 x 4 32.00 1.2598 M36 x 3 33.00 1.2992 M39 x 4 35.00 1.3780			
M36 x 4 M36 x 3 M39 x 4 32.00 33.00 1.2992 35.00 1.3780			
M36 x 3 M39 x 4 33.00 1.2992 1.3780	M33 x 2	31.00	1.2205
M39 x 4 35.00 1.3780	M36 x 4	32.00	1.2598
M39 x 4 35.00 1.3780	M36 x 3	33.00	1.2992

PIPE THREAD SIZES (NPSC)						
THREAD	DRILL	THREAD	DRILL			
¹ /8 – 27	11/32	$1^{1/2} - 11^{1/2}$	1 ³ / ₄			
¹ /4 – 18	⁷ /16	2 - 11 ¹ / ₂	2 ⁷ / ₃₂			
³ /8 – 18	37/64	$2^{1/2} - 8$	2 ²¹ / ₃₂			
¹ /2 – 14	23/32	3 – 8	31/4			
³ /4 — 14	59/64	$3^{1/2} - 8$	33/4			
$1 - 11^{1/2}$	1 ⁵ / ₃₂	4 – 8	41/4			
$1^{1/4} - 11^{1/2}$	11/2					

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