TAP DRILL CHART

INCH AND METRIC SIZES WITH DECIMAL EQUIVALENTS



DEC.	INCH	WIRE	MM	TAP SIZES
.0059			.15	
.0063			.16 .17	
.0071			.18	
.0075			.19	
.0083			.21	
.0087			.22	
.0091			.24	
.0098			.25	
.0102			.26 .27	
.0110			.28	
.0114			.30	
.0126			.32	
.0135		80		
.0138 .0145		79	.35	
.0156	1/64			
.0158		78	.40	
.0177		10	.45	
.0180		77		
.0197		76	.50	
.0210		75		
.0217		74	.55	
.0236		,,,	.60	$\vdash \vdash \vdash$
.0240		73		
.0250		72	.65	
.0260		71		
.0276 .0280		70	.70	
.0292		69		
.0295		60	.75	
.0310	1/32	68		$\vdash \vdash \vdash \vdash$
.0315			.80	
.0320		67 66		
.0335			.85	
.0350		65		
.0354		64	.90	
.0370		63		
.0374		62	.95	
.0390		61		
.0394		60	1.00	
.0400 .0410		60 59		
.0413			1.05	
.0420		58 57		
.0433		0,	1.10	
.0453		56	1.15	M1.5 x 0.35
.0469	3/64	50		{ #0-80 1/16-64
.0472	0/04		1.20	1/16-64
.0472			1.25	M1.6 x 0.35
.0512		EE	1.30	
.0520		55	1.35	
.0550		54		
.0551 .0571			1.40 1.45	M1.8 x 0.35
.0591			1.50	
.0595		53		{ #1-64 #1-72
.0610			1.55	M2 x 0.45
.0625	1/16		160	M2 v 0.4
.0630		52	1.60	M2 x 0.4
.0650			1.65	
.0669 .0670		51	1.70	
.0689			1.75	M2.2 x 0.45
.0700 .0709		50	1.80	
.0709			1.85	
.0730		49		3/32"-48 M2.2 × 0.4
.0748		48	1.90	M2.3 x 0.4
.0768		"	1.95	
.0781	5/64	47		#3-48
.0787		41	2.00	
.0807		AC	2.05	M2.5 x 0.45
.0810		46 45		∫ #3-58
		40	210	#4-32
.0827 .0846			2.10 2.15	M2.6 x 0.45
.0860		44		#4-36
.0866			2.20	
.0890		43		#4-40
.0906			2.30	
.0925			2.35	

DEC.	INCH	WIRE	MM	TAP SIZES
.0935		42	IVIIVI	#4-48
.0938	3/32		2.40	M3 x 0.5
.0960		41		ille X olo
.0965		40	2.45	
.0984		39	2.50	
.1015		38		{ 1/8"-40 #5-40
.1024		37	2.60	#5-44
.1063			2.70	
.1065 .1083		36	2.75	#6-32
.1094	7/64	35		
.1102		34	2.80	#0.00
.1110 .1130		33		#6-36 #6-40
.1142		32	2.90	M3.5 x 0.6
.1181		31	3.00	
.1220	4/0	01	3.10	F/00!! 00
.1250 .1260	1/8		3.20	5/32"-32
.1280 .1285		30	3.25	M4 x 0.75 5/32"-36
.1299			3.30 3.40	M4 x 0.7
.1360		29	0.40	{ #8-32 #8-36
.1378			3.50	πο-50
.1405 .1406	9/64	28		#8-40
.1417		27	3.60	
.1457		26	3.70	3/16"-24
.1476			3.75	M4.5 x 0.75
.1495		25	3.80	#10-24
.1520 .1535		24	3.90	
.1540	E/20	23	0.00	#10-28
.1562	5/32	22		{ #10-30 3/16"-32
.1575			4.00	M5 x 1
.1590 .1610		21 20		#10-32
.1614			4.10 4.20	M5 x 0.9 M5 x 0.8
.1660		19		WO X 0.0
.1673 .1693			4.25 4.30	
.1695	11/64	18		
.1730 .1732		17	4.40	
.1770		16	4.40	{ #12-24 7/32"-24
.1772			4.50	(1132 -24
.1800 .1811		15	4.60	M5.5 x 0.9
.1820 .1850		14 13	4.70	#12-28 #12-32
.1870	3/16		4.75	
.1890	J/10	12	4.80	7/32"-32
.1910 .1929		11	4.90	
.1935		10 9		#14-20
.1968 .1990		8	5.00	M6 x 1
.2008			5.10	s #14-24
.2010	13/64	7		1/4-24 1/4-20
.2040	13/04	6	F. C.	
.2047		5	5.20	
.2067			5.25 5.30	M6 x 0.75 M6.3 x 1
.2090		4	5.40	
.2130		3		1/4"-28
.2165	7/32		5.50	1/4"-32
.2205 .2210		2	5.60	
.2244			5.70 5.75	
.2280		1	5.80	
.2283			5.90	
.2340 .2344	15/64	Α		
.2362 .2380		В	6.00	M7 x 1
.2402			6.10	
.2420		С		

ΕN	ITS				
DEC.	INCH	WIRE	MM	TAP SIZES	1
.2441 .2460		D	6.20	1/16-27 NPT	П
.2461 .2480 .2500	1/4	E	6.25 6.30	M7 x 0.75	
.2520 .2559	1/4		6.40 6.50		П
.2570 .2598		F	6.60	5/16"-18	
.2610		G	6.70		П
.2656 .2660	17/64	н	6.75	5/16-20 M8 x 1.25	
.2677			6.80	1110 X 1.23	
.2720 .2756		-1	7.00	5/16-24 M8 x 1	
.2770 .2795		J	7.10		П
.2810 .2812	9/32	K		5/16-32	
.2835 .2854			7.20 7.25		
.2874		L	7.30		
.2913 .2950		М	7.40		
.2953 .2969	19/64		7.50		
.2992 .3020		N	7.60		
.3031 .3051			7.70 7.75	M9 x 1.25	
.3071 .3110			7.80		
.3125	5/16	•	8.00	3/8-16 M9 x 1	
.3160		0	8.10		
.3228		Р	8.20		
.3248 .3268 .3281	21/64		8.25 8.30	3/8-20	
.3307	21/04	Q	8.40	3/8-24	
.3346 .3386		ď	8.50 8.60	M10 x 1.5	
.3390		R	8.70	1/8-27 NPT	
.3438	11/32		0.70	{ 3/8-32 1/8-27 NPS	
.3445 .3465			8.75 8.80	M10 x 1.25	
.3480		S	8.90		
.3543 .3580		т	9.00	M10 x 1	
.3583	23/64		9.10		
.3622			9.20 9.25		
.3661		U	9.30	7/16-14	
.3701	0/0		9.40	M11 x 1.5	
.3750 .3770 .3780	3/8	٧	9.60	7/16-16	
.3819			9.70		
.3858 .3860		w	9.80		
.3898	25/64		9.90	7/16-20	
.3937 .3970		Х	10.00	M12 x 1.75 7/16-24	
.4040 .4062	13/32	X		7/16-28 7/16-32	
.4130		Z	10.50	{ M12 x 1.5 M12 x 1.25	
.4219	27/64			M12 x 1.25 { 1/2-12 1/2-13	
.4331	7/16		11.00	1/4-18 NPT	
.4375 .4528			11.50	1/4-18 NPS	
.4531 .4688	29/64 15/32			1/2-20	
.4724	31/64		12.00	M14 x 2 9/16-12	
.4921 .5000	1/2		12.50	M14 x 1.5	
.5118 .5156	33/64		13.00	M14 x 1.25 { 9/16-18 9/16-24	
.5197			13.20		
.5312	17/32		13.50	5/8-11 M15 x 1.5	
.5469 .5512	35/64		14.00	5/8-12 M16 x 2	
.5625	9/16	i		ı	ı I

RΕ	MM	TAP SIZES	П	DEC.	INCH	WIRE	MM	TAP SIZES	П
	6.20	1/16-27 NPT M7 x 0.75		.5781	37/64			5/8-18 5/8-24 3/8-18 NPT	
	6.30		П	.5906	40/00		15.00	(3/8-18 NPS	
	6.40		Ш	.5938	19/32			11/16-11	
	6.50	5/16"-18	Ш	.6094	39/64		15.50	11/16-12 ∫ M17 x 1.5	
	6.60	3/10 -10	Ш	.6250	5/8		10.00	M18 x 2.5 11/16-16	
	6.70		П	.6299			16.00	M18 x 2	
		5/16-20	П	.6406 .6496	41/64		16.50	11/16-24 M19 x 2.5	
	6.75 6.80	M8 x 1.25	Ш	.6562	21/32			3/4-10	
	6.90	F#C 04	Ш	.6693 .6719	43/64		17.00	3/4-12	
	7.00	5/16-24 M8 x 1	Ш	.6875 .6890	11/16		17.50	3/4-16 M20 x 2.5	
	7.10		Ш	.7031	45/64		17.50	3/4-20	
	7.10		П	.7087 .7188	23/32		18.00	M20 x 2 1/2-14 NPT	
	7.20	5/16-32	Ш	.7283	LOIGE		18.50	M20 x 1.5	
	7.25		П	.7344	47/64			13/16-12 1/2-14 NPS	
	7.30		П	.7480 .7500	3/4		19.00	10/16 16	
	7.40		Ш	.7656	49/64			13/16-16 { 13/16-20	
	7.50		Ш	.7677			19.50	7/8-9 M22 x 2.5	
_	7.60		П	.7812	25/32				
			П	.7874 .7969	51/64		20.00	M22 x 2 7/8-12	
	7.70 7.75	M9 x 1.25		.8071			20.50	M22 x 1.5 √ 7/8-14	
_	7.80		П	.8125	13/16		21.00	1 7/8-16	
		3/8-16		.8268 .8281	53/64		21.00	M24 x 3 { 7/8-18	
	8.00	M9 x 1	П	.8438	27/32			l 7/8-20	
_	8.10 8.20		П	.8465 .8594	55/64		21.50	15/16-12	
c			П	.8661	33/04		22.00	M24 x 2	
	8.25 8.30		П	.8750	7/8			{ 15/16-16 1"-8	
	8.40	3/8-20	П	.8858 .8906	57/64		22.50	M24 x 1.5 15/16-20	
	0.40	3/8-24	Ш	.9055	3//04		23.00	f M24 x 2	
	8.50 8.60	M10 x 1.5	Ш	.9062	29/32			1 M26 x 3	
	200,000	1/8-27 NPT	П	.9219	59/64			1"-12 3/4-14 NPT	
	8.70	s 3/8-32	Ш	.9252			23.50	3/4-14 NPS M25 x 1.5	
	8.75	1/8-27 NPS M10 x 1.25	Ш	.9375	15/16		23.50	J 1-14	
	8.80	III O A III D	Ш	.9449	10.10		24.00	1-16 M27 x 3	
	8.90		П	.9531 .9646	61/64		24.50	1"-20	
	9.00	M10 x 1	Ш	.9688	31/32		24.50		
	9.10		П	.9843			25.00	{ M27 x 2 M28 x 3	
	9.20		П	.9844	63/64			{ 1.1/16-12 1.1/8-7	
	9.25 9.30		П	1.0000	1			{ 1.1/16-16 1.1/16-18	
		7/16-14	П	1.0039			25.50	(1.1/10-10	
_	9.40	M11 x 1.5	П	1.0156	1.1/64		26.00	M28 x 2	
		7/16-16		1.0312	1.1/32			M30 x 3.5	
	9.60			1.0433	1.3/64		26.50	1.1/8-12	
	9.70 9.75	\vdash	$\ \ $	1.0625	1.1/16			{ 1.1/8-16 1.1/8-18	
,	9.80			1.0630 1.0781	1.5/64		27.00	M30 x 3	
	9.90	7/40.00	П	1.0827	0.000000		27.50		
	10.00	7/16-20 M12 x 1.75	П	1.0938 1.1024	1.3/32		28.00	M30 x 2	
		7/16-24 7/16-28		1.1094	1.7/64			{ 1.3/16-12 1.1/4-7	
		7/16-32	$\ \ $	1.1220			28.50	M32 x 3.5	
	10.50	∫ M12 x 1.5	П	1.1250	1.1/8			{ 1.3/16-16 1.1/4-8	
	10.00	M12 x 1.25 ∫ 1/2-12	П	1.1406	1.9/64		29.00		
	11.00	1/2-13	$\ \ $	1.1562	1.5/32		29.50	1"-11.1/2NPT M33 x 3.5	
		1/4-18 NPT	$\ \ $	1.1614 1.1719	1.11/64		25.00	1.1/4-12	
_	11.50	∫1/4-18 NPS		1.1811			30.00	{ M32 x 2 M33 x 3	
		1/2-20		1.1875	1.3/16			{ 1.1/4-16 1.1/4-18	
	12.00	M14 x 2		1.2008			30.50	1-11.1/2 NPS M34 x 3.5	
	12.50	9/16-12 M14 x 1.5	П	1.2031	1.13/64		20.00		
	13.00	M14 x 1.25	$\ \ $	1.2188 1.2205	1.7/32		31.00	1.3/8-6 M33 x 2	
	.5.50	§ 9/16-18		1.2344	1.15/64		31.50	1.5/16-12	
	13.20		$\ \ $	1.2500	1.1/4		01.00	1.5/16-16	
	13.50	5/8-11 M15 x 1.5	$\ \ $		1.1/4			1.5/16-18	
	14.00	5/8-12 M16 x 2	$\ \ $	1.2598 1.2656	1.17/64		32.00	M35 x 3	
		1000 C	$\ \ $	1.2795 1.2812	1.9/32		32.50		
	14.50	M16 x 1.5]						J

ı	1.2969	1.19/64	 	1.3/8-12
l	1.2992		33.00	M36 x 3
ı	1.3125	1.5/16		{ 1.3/8-16 1.3/8-18
ı	1.3189	4.04/04	33.50	
ı	1.3281	1.21/64		∫ M36 x 2
ı	1.3366		34.00	M38 x 4
ı	1.3438	1.11/32	24 50	1.1/2-6
ı	1.3583		34.50	1.7/16-16
ı	1.3594	1.23/64		1.7/16-18
l	1.3750	1.3/8		1.1/2-8
l	1.3780	200000	35.00	M39 x 4
l	1.3906 1.3976	1.25/64	35.50	
ı	1.4062	1.13/32	00.00	
l	1.4173	4 07/04	36.00	M39 x 3
l	1.4219	1.27/64	36.50	1.1/2-12
ı	1.4375	1.7/16		{ 1.1/2-16 1.1/2-18
ı	1.4531	1.29/64		1.1/2-18
l	1.4567		37.00	M39 x 2
ı	1.4688	1.15/32	27 50	1.5/8-6
	1.4764 1.4844	1.31/64	37.50	
	1.4961		38.00	
	1.5000	1.1/2	S	1.1/4-11.1/2NPT 1.9/16-16
	1.5000	1.1/2	l	1.9/16-16 1.9/16-18 1.5/8-8
	1.5156	1.33/64		1.5/8-8 1.1/4-11.1/2NPS
	1.5157		38.50	
	1.5312 1.5354	1.17/32	39.00	
	1.5354	1.35/64	39.00	
	1.5551		39.50	4 =10
	1 5005	1.0/40		1.5/8-12 1.5/8-16
	1.5625	1.9/16		1.5/8-16 1.5/8-18 1.3/4-5
	1.5748		40.00	1.3/4-5
	1.5781	1.37/64		
	1.5938 1.5945	1.19/32	40.50	
	1.6094	1.39/64	40.00	
	1.6142		41.00	
	1.6250	1.5/8		1.11/16-16 1.11/16-18
			***	1.3/4-8
	1.6339	1.41/64	41.50	
	1.6535	1.41/04	42.00	
	1.6562	1.21/32		4.01:
	1.6719 1.6732	1.43/64	42.50	1.3/4-12
	1.6875	1.11/16		1.3/4-16
	1.6929	1 /15/6/	43.00	
	1.7031 1.7126	1.45/64	43.50	
	1.7188	1.23/32		
	1.7323 1.7344	1.47/64	44.00	1.1/2-11.1/2NPT
			ſ	1.1/2-11.1/2NPS
	1.7500	1.3/4	{	1.13/16-16 1.7/8-8
	1.7520		44.50	
	1.7656	1.49/64	4E 00	
	1.7717	1.25/32	45.00	2"-4.1/2
	1.7913		45.50	
	1.7969	1.51/64	46.00	
	1.8125	1.13/16	10.00	1.7/8-16
	1.8281	1.53/64	46.50	
	1.8307 1.8438	1.27/32	46.50	
	1.8504		47.00	
	1.8594 1.8701	1.55/64	47.50	
	1.8750	1.7/8		{ 1.15/16-16
	1.8898		48.00	2"-8
1	1.8906	1.57/64	40.00	
1	1.9062	1.29/32	40 50	
			48.50	
	1.9094	1.59/64		
	1.9094 1.9219 1.9291	1.59/64	49.00	2000
	1.9094 1.9219 1.9291 1.9375	1.59/64 1.15/16		2"-16
	1.9094 1.9219 1.9291 1.9375 1.9488 1.9531		49.00 49.50	2"-16
	1.9094 1.9219 1.9291 1.9375 1.9488 1.9531 1.9685	1.15/16 1.61/64		2"-16
	1.9094 1.9219 1.9291 1.9375 1.9488 1.9531 1.9685 1.9688	1.15/16 1.61/64 1.31/32	49.50	2"-16
	1.9094 1.9219 1.9291 1.9375 1.9488 1.9531 1.9685	1.15/16 1.61/64	49.50	
	1.9094 1.9219 1.9291 1.9375 1.9488 1.9531 1.9685 1.9688 1.9844	1.15/16 1.61/64 1.31/32	49.50 50.00	§ 2.1/16-16
	1.9094 1.9219 1.9291 1.9375 1.9488 1.9531 1.9685 1.9688 1.9844 1.9882	1.15/16 1.61/64 1.31/32 1.63/64	49.50 50.00	
	1.9094 1.9219 1.9291 1.9375 1.9488 1.9531 1.9685 1.9688 1.9844 1.9882 2.0000 2.0312 2.1250	1.15/16 1.61/64 1.31/32 1.63/64 2 2.1/32 2.1/8	49.50 50.00	{ 2.1/16-16 2.1/8-8 2.1/4-4.1/2 2.3/8-4
	1.9094 1.9219 1.9291 1.9375 1.9488 1.9531 1.9685 1.9688 1.9844 1.9882 2.0000 2.0312 2.1250 2.2031	1.15/16 1.61/64 1.31/32 1.63/64 2 2.1/32 2.1/8 2.13/64	49.50 50.00	{ 2.1/16-16 2.1/8-8 2.1/4-4.1/2 2.3/8-4 2 NPT
	1.9094 1.9219 1.9291 1.9375 1.9488 1.9531 1.9685 1.9884 1.9882 2.0000 2.0312 2.1250 2.2031 2.21288 2.2500	1.15/16 1.61/64 1.31/32 1.63/64 2 2.1/32 2.1/8 2.13/64 2.7/32 2.1/4	49.50 50.00	{ 2.1/16-16 2.1/8-8 2.1/4-4.1/2 2.3/8-4 2 NPT 2 NPTF 2.1/2-4
	1.9094 1.9219 1.9291 1.9375 1.9488 1.9531 1.9685 1.9688 1.9844 1.9882 2.0000 2.0312 2.1250 2.2031 2.2188	1.15/16 1.61/64 1.31/32 1.63/64 2 2.1/32 2.1/8 2.13/64 2.7/32	49.50 50.00	2.1/16-16 2.1/8-8 2.1/4-4.1/2 2.3/8-4 2.NPT 2.NPT 2.NPT