

**Tap and Drill Chart**  
(Recommended tap drill to use for 75% depth of thread)

800-871-5022

More information can be found at  
[www.HQ-Drill.com](http://www.HQ-Drill.com).

To Tap this Size Screw Or Bolt:	Use This Drill Bit:	(Closest Fractional:)	Decimal Inches
0-80 NF	3/64"	3/64"	.0469
1-64 NC	#53	-	.0595
1-72 NF	#53	1/16"	.0595
2-56 NC	#50	-	.0700
2-64 NF	#50	-	.0700
3-48 NC	#47	5/64"	.0785
3-56 NF	#45	-	.0820
4-36 NS	#44	-	.0860
4-40 NC	#43	3/32"	.0890
4-48 NF	#42	3/32"	.0935
3mm-.060mm	2.5mm	-	.0984
1/8-40 NS	#38	-	.1015
5-40 NC	#38	-	.1015
5-44 NF	#37	-	.1040
6-32 NC	#35	7/64"	.1100
6-36 NS	#34	-	.1110
6-40 NF	#33	-	.1130
6-48 NS	#31	-	.1200
4mm-0.70mm	3.4mm	-	.1338
4mm-.075mm	3.4mm	-	.1338
8-32 NC	#29	-	.1360
8-36 NF	#29	9/64"	.1360
8-40 NS	#28	-	.1405
3/16-24 NS	#26	-	.1470
10-24 NC	#25	5/32"	.1495
3/16-32 NS	#22	-	.1570
10-32 NF	#21	5/32"	.1590
5mm-.090mm	4.2mm	-	.1653
5mm-.080mm	4.3mm	-	.1693
12-24 NC	#16	11/64"	.1770
12-28 NF	#14	3/16"	.1820
12-32 NEF	#13	-	.1850
14-20 NS	#10	-	.1935
1/4-20 NC	#7	13/64"	.2010
14-24 NS	#7	-	.2010
6mm-1.00mm	5.2mm	-	.2047
1/4-24 NS	#4	-	.2090
1/4-28 NF	#3	7/32"	.2130
1/4-32 NEF	7/32"	7/32"	.2188
1/4-40 NS	#1	-	.2280
7mm-1.00mm	6.1mm	15/64"	.2401
5/16-18 NC	Ltr.F	17/64"	.2570
8mm-1.25mm	6.9mm	17/64"	.2716

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5/16-24 NF	Ltr.I	-	.2720
8mm-1.00mm	7.1mm	-	.2795
5/16-32 NEF	9/32"	9/32"	.2812
9mm-1.25mm	7.9mm	-	.3110
3/8-16 NC	5/16"	5/16"	.3125
9mm-1.00mm	8.1mm	-	.3189
9mm-0.75mm	8.3mm	-	.3268
3/8-24 NF	Ltr.Q	21/64"	.3320
10mm- 1.50mm	8.7mm	-	.3425
10mm- 1.25mm	8.9mm	11/32"	.3503
10mm- 1.00mm*	9.1mm	-	.3583
7/16- 14 NC	Ltr.U	23/64"	.3680
11mm 1.50mm	9.7mm	-	.3818
7/16-20 NF	25/64"	25/64"	.3906
12mm- 1.75mm	10.5mm	-	.4133
12mm- 1.50mm	10.7mm	27/64"	.4212
1/2-13 NC	27/64"	27/64"	.4219
12mm- 1.25mm*	10.9mm	27/64"	.4291
1/2-20 NF	29/64"	29/64"	.4531
1/2-24 NS	29/64"	29/64"	.4531
14mm-2.00mm	12.2mm	-	.4803
9/16-12 NC	31/64"	31/64"	.4844
14mm- 1.50mm	12.7mm	-	.4999
14mm-1.25mm*	12.8mm	-	.5039
9/16-18 NF	33/64"	33/64"	.5156
5/8-11 NC	17/32"	17/32"	.5312
16mm-2.00mm	14.2mm	35/64"	.5590
5/8-18 NF	37/64"	37/64"	.5781
16mm- 1.50mm	14.7mm	-	.5787
11/16-11 NS	19/32"	19/32"	.5938
18mm-2.50mm	15.8mm	39/64"	.5220
11/16-16 NS	5/8"	5/8"	.6250
3/4-10 NC	21/32"	21/32"	.6562
18mm-1.50mm*	16.8mm	-	.6614
3/4-16 NF	11/16"	11/16"	.6875
20mm-2.50mm	17.8mm	11/16"	.7008
7/8-9 NC	49/64"	49/64"	.7656
7/8-14 NF	13/16"	13/16"	.8125
22mm-1.50mm	20.9mm	-	.8228
7/8-18 NS*	53/64"	53/64"	.8281
24mm-3.00mm	21.4mm	53/64"	.8425
1.8 NC	7/8"	7/8"	.8750
24mm-2.00mm	22.3mm	-	.8779



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1.12 NF	59/64"	59/64"	.9219
1-14 NS	15/16"	15/16"	.9375
1 1/8-7 NC	63/64"	63/64"	.9844
1 1/8-12 NF	1 3/64"	1 3/64"	1.0469
1 1/4-7 NC	1 7/64"	1 7/64"	1.1094
1 1/4-12 NF	1 11/64"	1 11/64"	1.1719
1 3/8-6 NC	1 7/32"	1 7/32"	1.2188
1 3/8-12 NF	1 19/64"	1 19/64"	1.2969
1 1/2-6 NC	1 11/32"	1 11/32"	1.3438
1 1/2"-12 NF	1 27/64"	1 27/64"	1.4219

\*These Sizes Are Spark Plug Taps