

Machine Screw Size	Threads per Inch	Tap Drills				Clearance Hole Drills			
		Non Ferrous & Plastics		Steels & Iron		All Materials			
		75% Thread		50% Thread		Close Fit		Free Fit	
		Drill Size	Decimal Equiv.	Drill Size	Decimal Equiv.	Drill Size	Decimal Equiv.	Drill Size	Decimal Equiv.
# or Dia.									
0	80	3/64	.0469	55	.0520	52	.0635	50	.0700
1	64	53	.059	1/16	.0625	48	.0760	46	.0810
	72	53	.059	52	.0635				
2	56	50	.0700	49	.0730	43	.0890	41	.0960
	64	50	.0700	48	.0760				
3	48	47	.0785	44	.0860	37	.1040	35	.1100
	56	45	.0820	43	.0890				
4	40	43	.0890	41	.0960	32	.1160	30	.1285
	48	42	.0935	40	.0980				
5	40	38	.1015	7/64	.1094	30	.1285	29	.1360
	44	37	.1040	35	.1100				
6	32	36	.1065	32	.1160	27	.1440	25	.1495
	40	33	.1130	31	.1200				
8	32	29	.136	27	.1440	18	.1695	16	.1770
	36	29	.136	26	.1470				
10	24	25	.1495	20	.1610	9	.1960	7	.2010
	32	21	.1590	18	.1695				
12	24	16	.1770	12	.1890	2	.2210	1	.2280
	28	14	.1820	10	.1935				
	32	13	.1850	9	.1960				
1/4	20	7	.2010	7/32	.2188	F	.2570	H	.2660
	28	3	.2130	1	.2280				
	32	7/32	.2188	1	.2280				
5/16	18	F	.2570	J	.2770	P	.3230	Q	.3320
	24	I	.2720	9/32	.2812				
	32	9/32	.2812	L	.2900				
3/8	16	5/16	.3125	Q	.3320	W	.3860	X	.3970
	24	Q	.3320	S	.3480				
	32	11/32	.3438	T	.3580				
7/16	14	U	.3680	25/64	.3906	29/64	.4531	15/32	.4687
	20	25/64	.3906	13/32	.4062				
	28	Y	.4040	Z	.4130				
1/2	13	27/64	.4219	29/64	.4531	33/64	.5156	17/32	.5312
	20	29/64	.4531	15/32	.4688				
	28	15/32	.4688	15/32	.4688				
9/16	12	31/64	.4844	33/64	.5156	37/64	.5781	19/32	.5938
	18	33/64	.5156	17/32	.5312				
	24	33/64	.5156	17/32	.5312				
5/8	11	17/32	.5312	9/16	.5625	41/64	.6406	21/32	.6562
	18	37/64	.5781	19/32	.5938				
	24	37/64	.5781	19/32	.5938				
11/16	24	41/64	.6406	21/32	.6562	45/64	.7031	23/32	.6562
3/4	10	21/32	.6562	11/16	.6875	49/64	.7656	25/32	.7812
	16	11/16	.6875	45/64	.7031				
	20	45/64	.7031	23/32	.7188				
13/16	20	49/64	.7656	25/32	.7812	53/64	.8281	27/32	.8438
7/8	9	49/64	.7656	51/64	.7969	57/64	.8906	29/32	.9062
	14	13/16	.8125	53/64	.8281				
	20	53/64	.8281	27/32	.8438				
15/16	20	57/64	.8906	29/32	.9062	61/64	.9531	31/32	.9688
1	8	7/8	.8750	59/64	.9219	1-1/64	1.0156	1-1/32	1.0313
	12	15/16	.9375	61/64	.9531				
	20	61/64	.9531	31/32	.9688				

