

Screw Size	Major Diameter	TPI	Minor Diameter	Tap Drill				Clearance Drill				Socket Head Cap Screws				Flat Head Cap Screws	
				75% Thread for Aluminum, Brass, Plastics		50% Thread for Stainless, Cast Iron & Iron		Close Fit		Free Fit		Hex	Counterbore			Hex	Countersink Depth
				Drill Size	Dec. Eq.	Drill Size	Dec. Eq.	Drill Size	Dec. Eq.	Drill Size	Dec. Eq.		Drill Size	Dec. Eq.	Depth		
0	.0600	80	.0447	3/64	.0469	55	.0520	52	.0635	50	.0700	0.050	1/8	.125	.0740	0.035	.0440
1	.0730	64	.0538	53	.0595	1/16	.0625	48	.0760	46	.0810	1/16	5/32	.1562	.0870	1/20	.0540
		72	.0560	53	.0595	52	.0635			43	.0890	41	.0960	5/64	3/16	.1875	.1020
2	.0860	56	.0641	50	.0700	49	.0730	37	.1040	35	.1100	5/64	7/32	.2188	.1150	1/16	.0730
		64	.0668	50	.0700	48	.0760			32	.1160	30	.1285	3/32	7/32	.2188	.1300
3	.0990	48	.0734	47	.0785	44	.0860	30	.1285	29	.1360	3/32	1/4	.2500	.1450	5/64	.0900
		56	.0771	45	.0820	43	.0890			27	.1440	25	.1495	7/64	9/32	.2812	.1580
4	.1120	40	.0813	43	.0890	41	.0960	18	.1695	16	.1770	9/64	5/16	.3125	.1880	3/32	.1120
		48	.0864	42	.0935	40	.0980			9	.1960	7	.2010	5/32	3/8	.3750	.2180
5	.125	40	.0943	38	.1015	7/64	.1094	27	.1440	25	.1495	7/64	9/32	.2812	.1580	5/64	.0970
		44	.0971	37	.1040	35	.1100			18	.1695	16	.1770	9/64	5/16	.3125	.1880
6	.138	32	.0997	36	.1065	32	.1160	9	.1960	7	.2010	5/32	3/8	.3750	.2180	1/8	.1270
		40	.1073	33	.1130	31	.1200			2	.2210	1	.2280	5/32	3/8	.3750	.2180
8	.1640	32	.1257	29	.1360	27	.1440	2	.2210	1	.2280	5/32	3/8	.3750	.2180	1/8	.1350
		36	.1299	29	.1360	26	.1470			14	.2010	12	.1890	F	.2570	H	.2660
10	.1900	24	.1389	25	.1495	20	.1610	14	.2010	7	.2010	5/32	3/8	.3750	.2180	1/8	.1270
		32	.1517	21	.1590	18	.1695			18	.1695	16	.1770	9/64	5/16	.3125	.1880
12	.2160	24	.1649	16	.1770	12	.1890	18	.1695	16	.1770	9/64	5/16	.3125	.1880	3/32	.1120
		28	.1722	14	.1820	10	.1935			20	.1887	7	.2010	F	.2570	H	.2660
1/4	.2500	32	.1777	13	.1850	9	.1960	20	.1887	7	.2010	F	.2570	H	.2660	7/16	.4375
		28	.2117	7/32	.2188	1	.2280			28	.2062	3	.2130	F	.2570	H	.2660
5/16	.3125	18	.2443	F	.2570	J	.2770	28	.2062	1	.2280	P	.3230	Q	.3320	1/4	.1980
		24	.2614	I	.2720	9/32	.2812			32	.2117	7/32	.2188	P	.3230	Q	.3320
3/8	.3750	32	.2742	9/32	.2812	L	.2900	32	.2117	7/32	.2188	P	.3230	Q	.3320	.5312	.3460
		16	.2983	5/16	.3125	Q	.3320			16	.2983	5/16	.3125	P	.3230	Q	.3320
7/16	.4375	24	.3239	Q	.3320	S	.3480	16	.2983	5/16	.3125	W	.3860	X	.3970	5/16	.4150
		32	.3367	11/32	.3438	T	.3580			24	.3499	U	.3680	W	.3860	X	.3970
1/2	.5000	14	.3499	U	.3680	25/64	.3906	32	.2117	7/32	.2188	29/64	.4531	15/32	.4688	3/8	.4830
		20	.3762	25/64	.3906	13/32	.4062			28	.3937	Y	.4040	29/64	.4531	15/32	.4688
9/16	.5625	13	.4056	27/64	.4219	29/64	.4531	32	.2117	7/32	.2188	33/64	.5156	17/32	.5312	3/8	.5520
		20	.4387	29/64	.4531	15/32	.4688			28	.4562	15/32	.4688	33/64	.5156	17/32	.5312
5/8	.6250	12	.4603	31/64	.4844	33/64	.5156	32	.2117	7/32	.2188	37/64	.5781	19/32	.5938	1/2	.5940
		18	.4943	33/64	.5156	17/32	.5312			24	.5114	33/64	.5156	17/32	.5781	19/32	.5938
11/16	.6875	11	.5135	17/32	.5312	9/16	.5625	32	.2117	7/32	.2188	41/64	.6406	21/32	.6562	1/2	.6890
		18	.5568	37/64	.5781	19/32	.5938			24	.5739	37/64	.5781	19/32	.5938	21/32	.6562
3/4	.7500	10	.6273	21/32	.6562	11/16	.6875	32	.2117	7/32	.2188	49/64	.7656	25/32	.7812	5/8	.8280
		16	.6733	11/16	.6875	45/64	.7031			20	.6887	45/64	.7031	23/32	.7188	45/64	.7656
13/16	.8125	20	.7512	49/64	.7656	25/32	.7812	32	.2117	7/32	.2188	53/64	.8281	27/32	.8438	5/8	.9630
		9	.7387	49/64	.7656	51/64	.7969			14	.7874	13/16	.8125	53/64	.8281	27/32	.8438
7/8	.8750	14	.7874	13/16	.8125	53/64	.8281	32	.2117	7/32	.2188	57/64	.8906	29/32	.9062	3/4	.9680
		20	.8137	53/64	.8281	27/32	.8438			20	.8762	57/64	.8906	29/32	.9062	31/32	.9688
15/16	.9375	20	.8762	57/64	.8906	29/32	.9062	32	.2117	7/32	.2188	61/64	.9531	31/32	.9688	3/4	.9680
		8	.8466	7/8	.8750	59/64	.9219			12	.8978	15/16	.9375	61/64	.9531	31/32	.9688
1	1.000	20	.9387	61/64	.9531	31/32	.9688	32	.2117	7/32	.2188	1-1/64	1.0156	1-1/32	1.0313	3/4	1-5/8
		12	.8978	15/16	.9375	61/64	.9531			20	.9387	61/64	.9531	31/32	.9688	31/32	1.6250