

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			41	.0960	5/64	3/16	.1875	.1020	1/20	.0640
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			30	.1285	29	.1360	3/32	.2188	.1300	1/16
3	.0990	48	.0734	47	.0785	44	.0860	32	.1160	30	.1285	3/32	7/32	.2188	.1300	1/16	.0830
		56	.0771	45	.0820	43	.0890			27	.1440	25	.1495	7/64	.2812	.1580	5/64
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	.3750	.2180	1/8
5	.125	40	.0943	38	.1015	7/64	.1094	2	.2210	1	.2280	5/32	3/8	.3750	.2180	1/8	.1350
		44	.0971	37	.1040	35	.1100			F	.2570	H	.2660	3/16	7/16	.4375	.2780
6	.138	32	.0997	36	.1065	32	.1160	W	.3860	X	.3970	5/16	5/8	.6250	.4150	7/32	.2340
		40	.1073	33	.1130	31	.1200			P	.3230	Q	.3320	1/4	17/32	.5312	.3460
8	.1640	32	.1257	29	.1360	27	.1440	29/64	.4531	15/32	.4688	3/8	23/32	.7188	.4830	1/4	.2340
		36	.1299	29	.1360	26	.1470			33/64	.5156	17/32	.5312	3/8	.8125	.5520	5/16
10	.1900	24	.1389	25	.1495	20	.1610	37/64	.5781	19/32	.5938	1/2	29/32	.9062	.5940		
		32	.1517	21	.1590	18	.1695			41/64	.6406	21/32	.6562	1/2	1	1.000	.6890
12	.2160	24	.1649	16	.1770	12	.1890	45/64	.7031	23/32	.7188						
		28	.1722	14	.1820	10	.1935			49/64	.7656	25/32	.7812	5/8	1-3/16	1.1875	.8280
1/4	.2500	20	.1887	7	.2010	7/32	.2188	57/64	.8281	27/32	.8438						
		28	.2062	3	.2130	1	.2280			53/64	.8906	29/32	.9062	3/4	1-3/8	1.3750	.9630
5/16	.3125	18	.2443	F	.2570	J	.2770	61/64	.9531	31/32	.9688						
		24	.2614	I	.2720	9/32	.2812			61/64	.9531	31/32	.9688				
3/8	.3750	32	.2742	9/32	.2812	L	.2900	1-1/64	1.0156	1-1/32	1.0313	3/4	1-5/8	1.6250	1.1000	5/8	.5400
		16	.2983	5/16	.3125	Q	.3320			1-1/32	1.0313	1-1/32	1.0313				
7/16	.4375	24	.3239	Q	.3320	S	.3480	1-1/32	1.0313	1-1/32	1.0313						
		32	.3367	11/32	.3438	T	.3580			1-1/32	1.0313	1-1/32	1.0313				
1/2	.5000	14	.3499	U	.3680	25/64	.3906	1-1/32	1.0313	1-1/32	1.0313						
		20	.3762	25/64	.3906	13/32	.4062			1-1/32	1.0313	1-1/32	1.0313				
9/16	.5625	28	.3937	Y	.4040	Z	.4130	1-1/32	1.0313	1-1/32	1.0313						
		13	.4056	27/64	.4219	29/64	.4531			1-1/32	1.0313	1-1/32	1.0313				
5/8	.6250	20	.4387	29/64	.4531	15/32	.4688	1-1/32	1.0313	1-1/32	1.0313						
		28	.4562	15/32	.4688	15/32	.4688			1-1/32	1.0313	1-1/32	1.0313				
11/16	.6875	12	.4603	31/64	.4844	33/64	.5156	1-1/32	1.0313	1-1/32	1.0313						
		18	.4943	33/64	.5156	17/32	.5312			1-1/32	1.0313	1-1/32	1.0313				
3/4	.7500	24	.5114	33/64	.5156	17/32	.5312	1-1/32	1.0313	1-1/32	1.0313						
		32	.5135	17/32	.5312	9/16	.5625			1-1/32	1.0313	1-1/32	1.0313				
13/16	.8125	18	.5568	37/64	.5781	19/32	.5938	1-1/32	1.0313	1-1/32	1.0313						
		24	.5739	37/64	.5781	19/32	.5938			1-1/32	1.						