

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
2	.0860	56	.0641	50	.0700	49	.0730	43	.0890	41	.1100	5/64	7/32	.2188	.1150	1/16	.0730
		64	.0668	50	.0700	48	.0760			35			7/32	.2188	.1300	1/16	.0830
3	.0990	48	.0734	47	.0785	44	.0860	37	.1040	35	.1285	3/32	7/32	.2188	.1150	1/16	.0730
		56	.0771	45	.0820	43	.0890			30			7/32	.2188	.1300	1/16	.0830
4	.1120	40	.0813	43	.0890	41	.0960	32	.1160	30	.1285	3/32	1/4	.2500	.1450	5/64	.0900
		48	.0864	42	.0935	40	.0980			29			1/4	.2500	.1450	5/64	.0900
5	.125	40	.0943	38	.1015	7/64	.1094	30	.1285	25	.1360	3/32	7/64	.2812	.1580	5/64	.0970
		44	.0971	37	.1040	35	.1100			27			7/64	.2812	.1580	5/64	.0970
6	.138	32	.0997	36	.1065	32	.1160	18	.1440	25	.1495	9/64	5/16	.3125	.1880	3/32	.1120
		40	.1073	33	.1130	31	.1200			16			9/64	.3125	.1880	3/32	.1120
8	.1640	32	.1257	29	.1360	27	.1440	9	.1960	7	.2010	5/32	3/8	.3750	.2180	1/8	.1270
		36	.1299	29	.1360	26	.1470			20			5/32	.3750	.2180	1/8	.1270
10	.1900	24	.1389	25	.1495	20	.1610	2	.2210	1	.2280	5/32	3/8	.3750	.2180	1/8	.1350
		32	.1517	21	.1590	18	.1695			22			5/32	.3750	.2180	1/8	.1350
12	.2160	24	.1649	16	.1770	12	.1890	F	.2570	H	.2660	3/16	7/16	.4375	.2780	5/32	.1610
		28	.1722	14	.1820	10	.1935			25			7/16				
		32	.1777	13	.1850	9	.1960			28			7/16				
1/4	.2500	20	.1887	7	.2010	7/32	.2188	P	.3230	Q	.3320	1/4	17/32	.5312	.3460	3/16	.1980
		28	.2062	3	.2130	1	.2280			30			17/32				
		32	.2117	7/32	.2188	1	.2280			32			17/32				
5/16	.3125	18	.2443	F	.2570	J	.2770	W	.3860	X	.3970	5/16	5/8	.6250	.4150	7/32	.2340
		24	.2614	I	.2720	9/32	.2812			L			7/32				
		32	.2742	9/32	.2812	T	.3580			34			7/32				
3/8	.3750	16	.2983	5/16	.3125	Q	.3320	29/64	.4531	15/32	.4688	3/8	23/32	.7188	.4830	1/4	.2340
		24	.3239	Q	.3320	S	.3480			17/32			23/32				
		32	.3367	11/32	.3438	T	.3580			19/32			23/32				
7/16	.4375	14	.3499	U	.3680	25/64	.3906	33/64	.4531	17/32	.4688	3/8	13/16	.8125	.5520	5/16	.2510
		20	.3762	25/64	.3906	13/32	.4062			19/32			13/16				
		28	.3937	Y	.4040	Z	.4130			21/32			13/16				
1/2	.5000	13	.4056	27/64	.4219	29/64	.4531	37/64	.5781	17/32	.5312	3/8	29/32	.9062	.5940		
		20	.4387	29/64	.4531	15/32	.4688			19/32			29/32				
		28	.4562	15/32	.4688	15/32	.4688			21/32			21/32				
9/16	.5625																