

SOCKET CAP, SHOULDER, SET SCREWS, HEX, AND SPLINE KEYS

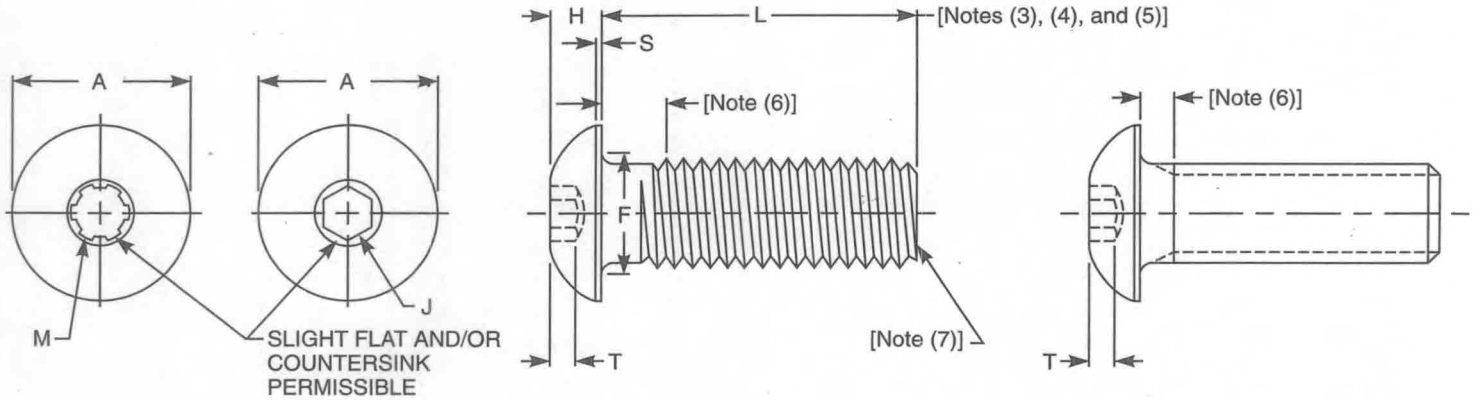


Table 3 Dimensions of Hexagon and Spline Socket Button Head Cap Screws

Nominal Size or Basic Screw Diameter	A		H		S	M	J		T	F		L
	Head Diameter		Head Height		Head Side Height	Spline Socket Size	Hexagon Socket Size		Key Engagement	Fillet Transition Diameter		Maximum Standard Length
	Max	Min	Max	Min	Ref	Nom	Nom		Min	Max	Min	Nom
0 0.0600	0.114	0.104	0.032	0.026	0.010	0.048	...	0.035	0.020	0.080	0.070	0.50
1 0.0730	0.139	0.129	0.039	0.033	0.010	0.060	...	0.050	0.028	0.093	0.083	0.50
2 0.0860	0.164	0.154	0.046	0.038	0.010	0.060	...	0.050	0.028	0.106	0.096	0.50
3 0.0990	0.188	0.176	0.052	0.044	0.010	0.072	1/16	0.062	0.035	0.119	0.109	0.50
4 0.1120	0.213	0.201	0.059	0.051	0.015	0.072	1/16	0.062	0.035	0.132	0.122	0.50
5 0.1250	0.238	0.226	0.066	0.058	0.015	0.096	5/64	0.078	0.044	0.145	0.135	0.50
6 0.1380	0.262	0.250	0.073	0.063	0.015	0.096	5/64	0.078	0.044	0.158	0.148	0.63
8 0.1640	0.312	0.298	0.087	0.077	0.015	0.111	3/32	0.094	0.052	0.194	0.184	0.75
10 0.1900	0.361	0.347	0.101	0.091	0.020	0.145	1/8	0.125	0.070	0.220	0.210	1.00
1/4 0.2500	0.437	0.419	0.132	0.122	0.031	0.183	5/32	0.156	0.087	0.290	0.280	1.00
5/16 0.3125	0.547	0.527	0.166	0.152	0.031	0.216	3/16	0.188	0.105	0.353	0.343	1.00
3/8 0.3750	0.656	0.636	0.199	0.185	0.031	0.251	7/32	0.219	0.122	0.415	0.405	1.25
1/2 0.5000	0.875	0.851	0.265	0.245	0.046	0.372	5/16	0.312	0.175	0.560	0.540	2.00
5/8 0.6250	1.000	0.970	0.331	0.311	0.062	0.454	3/8	0.375	0.210	0.685	0.665	2.00
See Notes	1		2			13	14			8		3, 4, 5, 6

NOTES TO TABLE 3:

GENERAL NOTE:

This product is designed and recommended for light fastening applications such as guards, hinges, etc. It is not suggested for use in critical high strength applications where socket head cap screws should normally be used.

NOTES:

1. Nominal Size. Where specifying nominal size in decimals, zeros preceding decimal and in the fourth decimal place shall be omitted.

2. Head Height. Tabulated head heights represent metal-to-metal measurements; that is, the truncation of the