

COUNTERSUNK BOLTS AND SLOTTED COUNTERSUNK BOLTS

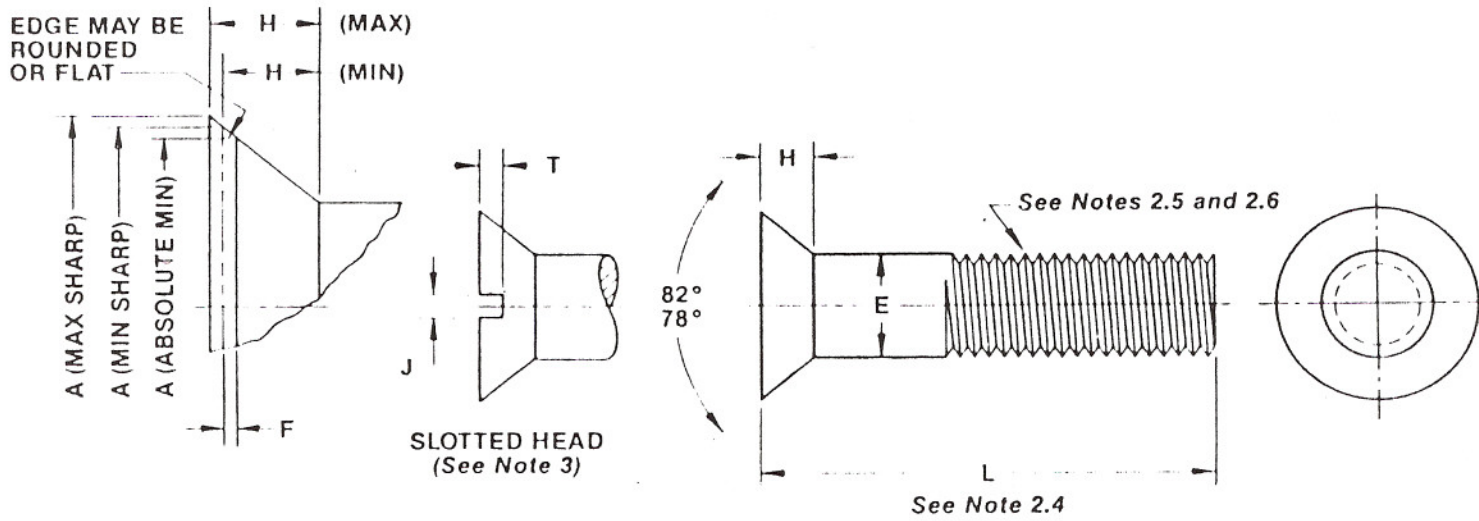


Table 7 Dimensions of Countersunk Bolts and Slotted Countersunk Bolts

Nominal Size or Basic Bolt Diameter	E		A			F Flat on Min Dia Head	H		J		T		
	Body Diameter		Head Diameter				Max	Min	Slot Width		Slot Depth		
	Max	Min	Max Edge Sharp	Min Edge Sharp	Absolute Min Edge Rounded or Flat	Max			Max	Min	Max	Min	
	1/4	0.2500	0.260	0.237	0.493	0.477	0.445	0.018	0.150	0.131	0.075	0.064	0.068
5/16	0.3125	0.324	0.298	0.618	0.598	0.558	0.023	0.189	0.164	0.084	0.072	0.086	0.057
3/8	0.3750	0.388	0.360	0.740	0.715	0.668	0.027	0.225	0.196	0.094	0.081	0.103	0.068
7/16	0.4375	0.452	0.421	0.803	0.778	0.726	0.030	0.226	0.196	0.094	0.081	0.103	0.068
1/2	0.5000	0.515	0.483	1.935	1.905	0.845	0.035	0.269	0.233	0.106	0.091	0.103	0.068
5/8	0.6250	0.642	0.605	1.169	1.132	1.066	0.038	0.336	0.292	0.133	0.116	0.137	0.091
3/4	0.7500	0.768	0.729	1.402	1.357	1.285	0.041	0.403	0.349	0.149	0.131	0.171	0.115
7/8	0.8750	0.895	0.852	1.637	1.584	1.511	0.042	0.470	0.408	0.167	0.147	0.206	0.138
1	1.0000	1.022	0.976	1.869	1.810	1.735	0.043	0.537	0.466	0.188	0.166	0.240	0.162
1 1/8	1.1250	1.149	1.098	2.104	2.037	1.962	0.043	0.604	0.525	0.196	0.178	0.257	0.173
1 1/4	1.2500	1.277	1.223	2.337	2.262	2.187	0.043	0.671	0.582	0.211	0.193	0.291	0.197
1 3/8	1.3750	1.404	1.345	2.571	2.489	2.414	0.043	0.738	0.641	0.226	0.208	0.326	0.220
1 1/2	1.5000	1.531	1.470	2.804	2.715	2.640	0.043	0.805	0.698	0.258	0.240	0.360	0.244
See Notes	1, 2, 11	2, 3		2, 1, 2, 4			4	2, 1, 1, 4		3			

Notes:

1. Nominal Size. Where specifying nominal size in decimals, zeros preceding decimal and in the fourth decimal place shall be omitted.
2. For other Notes and additional requirements, refer to the Introductory Notes and General Data, page C-36
3. Slotted Head. Head shall be unslotted, unless otherwise specified.
4. Head Formulas. Max head height is calculated using max sharp head diameter, basic bolt diameter, and 78 deg head angle. Min head height is calculated using min sharp head diameter, basic bolt diameter, and 82 deg head angle. Flat on min diameter head is calculated using min sharp and absolute min head diameters and 82 deg head angle.