



# Cordova Bolt, Inc.

## Countersunk Bolt Product Information

### 1.0 Dimensions: As per ASME B18.5

Nominal Size or Basic Bolt Diameter	E		A			F	H		J		T	
	Body Diameter		Head Diameter (Note 2)			Maximum Flat on Min Diameter Head	Head Height		Slot Width		Slot Depth	
			Max Edge Sharp	Min Edge Sharp	Absolute Min Edge Rounded or Flat							
	Max	Min	Max	Min	Max	Max	Min	Max	Min	Max	Min	
1/4	0.260	0.237	0.493	0.477	0.445	0.018	.150	0.131	0.075	0.064	0.068	0.045
5/16	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	0.388	0.360	0.740	0.715	0.668	0.027	0.225	0.196	0.094	0.081	0.103	0.068
7/16	0.452	0.421	0.803	0.778	0.726	0.030	0.226	0.196	0.094	0.081	0.103	0.068
1/2	0.515	0.483	0.935	0.905	0.845	0.035	0.269	0.233	0.106	0.091	0.103	0.068
5/8	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	0.768	0.729	1.402	1.357	1.285	0.041	0.403	0.349	0.149	0.131	0.171	0.115
7/8	0.895	0.852	1.637	1.584	1.511	0.042	0.470	0.408	0.167	0.147	0.206	0.138
1	1.022	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	1.149	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	1.277	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	1.404	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	1.531	1.470	2.804	2.715	2.640	0.043	0.805	0.698	0.258	0.240	0.360	0.244

### 2.0 Mechanical Properties: A307

Grade	Tensile KSI	Yield min KSI	Elong min %
A	60 min	x	18
B	60-100	x	18
C*	58-80	36	23

### 2.1 A449

Size	Tensile KSI	Yield KSI	Elong. % min	RA % min
1/4-1	120 min	92 min	14	35
1-1/8 - 1-1/2	105 min	81 min	14	35
1-5/8 - 3	90 min	58 min	14	35

Disclaimer: The presented data is based off various industry standards. Cordova Bolt, Inc. strives to present up to date, accurate data. However Cordova Bolt, Inc. cannot be held liable for any errors or discrepancies within the presented information



**Cordova Bolt, Inc.**

5601 Dolly Avenue Buena Park CA 90621  
(714) 739-7500 - (714) 994-2661-fax  
www.cordovabolt.com