



**FULL THREAD and PARTIAL THREAD BOLTS | HEX CAP SCREWS**  
**ASTM B18.2.6 | ASTM A 325**

Nominal Diameter	A		B			C		D			E		THREAD LENGTH				
	Body Diameter		HEX Across Flats			HEX Across Corners		HEX Height			Radius		Full Thread Bolts	Partially Threaded Bolts		Nom.	Nom.
	Max	Min	Basic	Max	Min	Max	Min	Nominal	Max	Min	Max	Min		<= 6"	> 7"		
1/2"   0.500	0.515	0.482	7/8	0.875	0.850	1.010	0.969	5/16	0.320	0.302	0.031	0.009	1" to 6"	1.250	1.500		
5/8"   0.625	0.642	0.605	1 1/16	1.062	1.031	1.227	1.175	25/64	0.400	0.378	0.062	0.021	1 1/4" to 6"	1.500	1.750		
3/4"   0.750	0.768	0.729	1 1/4	1.250	1.212	1.443	1.383	15/32	0.480	0.455	0.062	0.021	1 1/2" to 6"	1.750	2.000		
7/8"   0.875	0.895	0.852	1 7/16	1.438	1.394	1.660	1.589	35/64	0.560	0.531	0.062	0.031	1 1/2" to 6"	2.000	2.250		

**GENERAL REQUIREMENTS**

1. Fasteners are to be produced to specification ASME B18.2.1 and ASTM A 325 except where noted on this drawing.
2. Shipment Approval / Sample Submission
  - a. 25-piece sample for each lot must be submitted for approval prior to release of a shipment.
  - b. Samples must be submitted along with the Certificate of Inspection Report to the following;

TFC QUALITY ASSURANCE CENTER  
 Pittsburgh, PA

Note: Any company who Triangle Fastener Corporation contracts to produce this "TFC SPECIFIC" product gives up the right to produce, market, or sell this fastener for any other entity. The contracted company fully understands that all design and market information that TFC provides is the property of TFC, and cannot be used without written permission by TFC. COPYRIGHT 2006 TFC

DWG. NUMBER <b>082012A</b>	REV	DWG. BY <b>JES</b>	APPROVED	REVISIONS			 <b>TRIANGLE FASTENER CORPORATION</b> TFC FASTENING SYSTEMS DESIGN CENTER 4661 HINCKLEY INDUSTRIAL PARKWAY CLEVELAND, OH 44109 PHONE: (216) 351-9933 / FAX: (216) 351-5008 www.trianglefastener.com	DESCRIPTION <b>CAP SCREWS   A-325</b>		DATE <b>8.20.12</b>
CUSTOMER		CUSTOMER APPROVAL		NO.	WAS	DATE		MATERIAL HEAT TREATMENT <b>Per ASTM A-325</b>	FINISH CORROSION SPECIFICATION <b>As required by customer</b>	
		DATE OF APPROVAL						PART WEIGHT NOTES		
Design information provided on this drawing is the property of Triangle Fastener Corporation, Pittsburgh, PA. Any use without written permission is prohibited.								PART NUMBER PACKAGING Plain carton with TFC labeling		