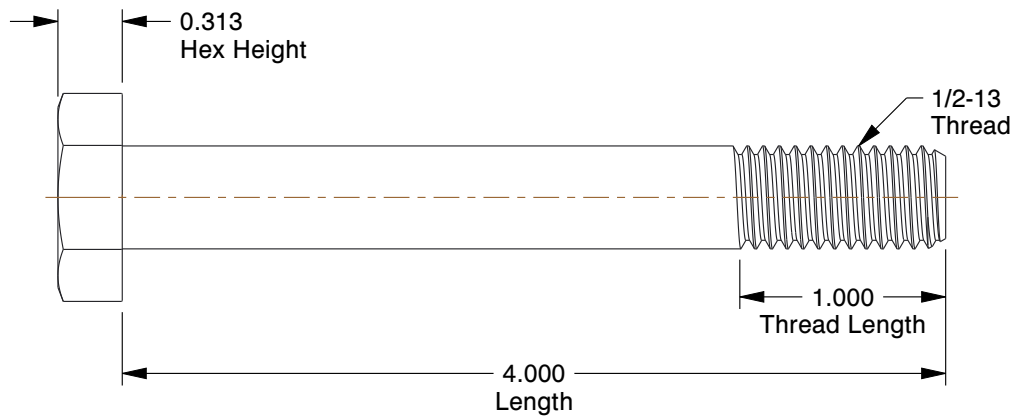
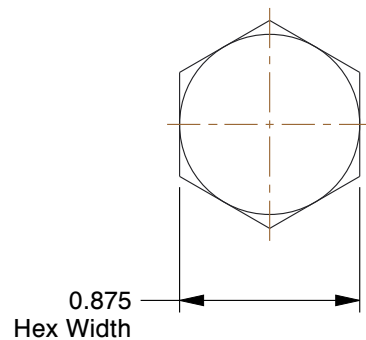
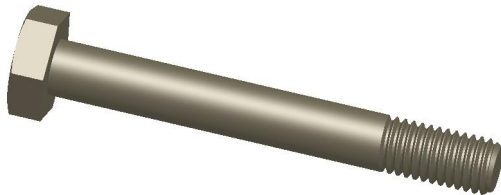




NOTES:

1. MATERIAL : Grade A325 Type 1 Steel
2. FINISH : Plain
3. HEAD TYPE : Hex
4. THREAD STYLE : Partially Threaded
5. THREAD DIRECTION : Right Hand
6. TENSILE STRENGTH (PSI) : 105,000
7. MEETS/EXCEEDS : ASTM F3125

COMPONENT	Structural Bolt		
1TA27 Structural Bolt, 1/2-13x4L, PK25	UNIT		
	INCH		
	SHEET		
	1 of 1		

GRAINGER

100 Grainger Parkway, Lake Forest, Illinois 60045-5201
 1-(800) GRAINGER, 1-(800) 472-4643, (847) 535-1000
www.grainger.com

This file and any associated information and specifications are provided for reference and evaluation purposes only, and is subject to change without notice. Grainger makes no representations, warranties or guarantees as to the appropriateness, accuracy, completeness, or suitability for any purpose, of the file, information or specifications. You are solely responsible for the use of the file, information or specifications.

This drawing is the property of GRAINGER. It contains confidential, proprietary information that is GRAINGER property. Do not disclose to or duplicate for others except as authorized by GRAINGER.

SCALE	1.07
-------	------