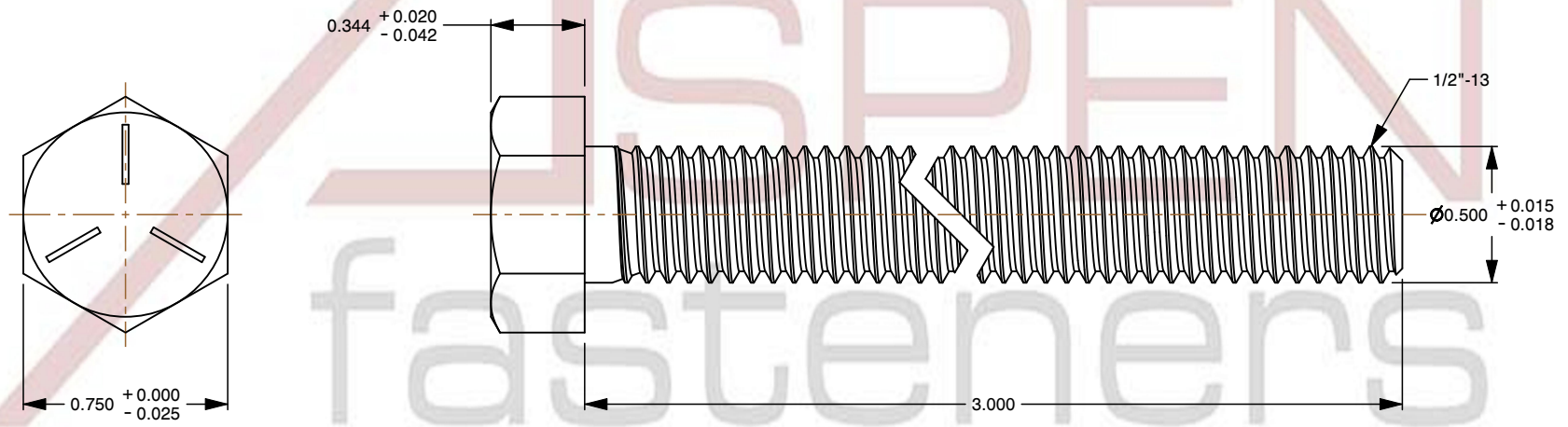
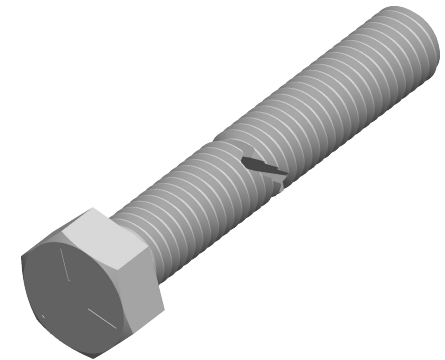


Specifications for: 1/2"-13 X 3" Machine Bolts, Hex Head, Full Thread, Grade 5 Steel, Plain

Notes:

- Category: Machine Bolts
- System of Measurement: Inch
- Head Style: Hex Head
- Drive Style: External Hex Drive
- Thread Length: Full Thread
- Thread Direction: Right-Hand Thread
- Material: Steel
- Material Grade: Grade 5
- Coating: Uncoated
- Origin: Origin Undefined
- Standards and Specifications: ASME B18.2.1



This file and any associated information and specifications are provided for reference and evaluation purposes only and is subject to change without notice. Aspen Fasteners Inc. 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 document is the property of Aspen Fasteners Inc. and the information it contains may not be reproduced, disclosed, or shared with any third party without the expressed written permission of Aspen Fasteners Inc.

SCALE 1.522

PRODUCT NAME
1/2"-13 X 3" Machine Bolts, Hex Head,
Full Thread, Grade 5 Steel, Plain

PART NUMBER: BO077-1213X3

UNIT
INCHES

ISSUED
2025-09-19

SHEET 1 of 1