

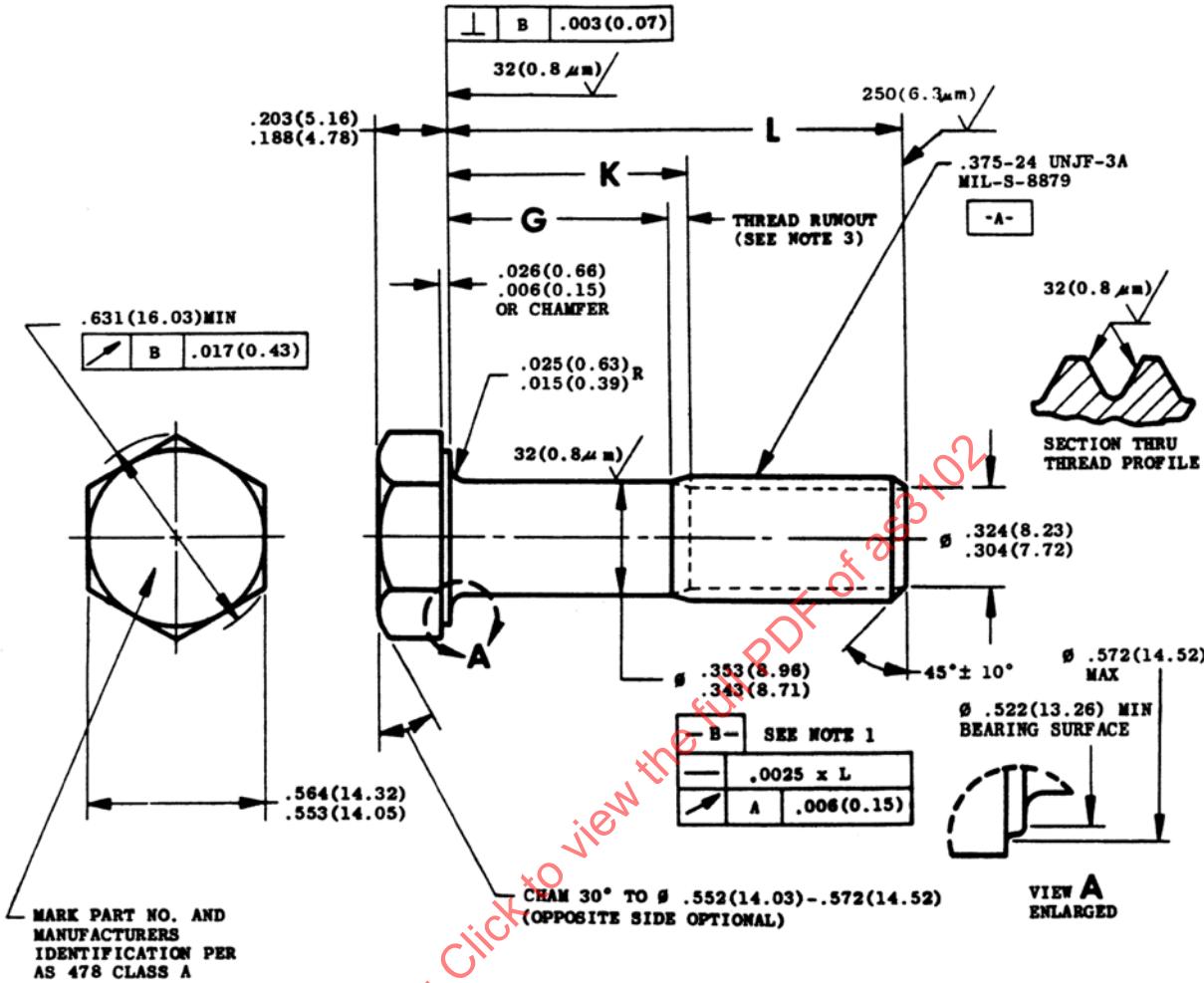
## RATIONALE

AS3102 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

SAE AS3102

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1. FOR PART NUMBERS AS3102-13 THRU AS3102-17 THE THREAD PD SHALL REPLACE DATUM B.

2. MATERIAL: CORROSION RESISTANT STEEL AMS 5731.

3. MANUFACTURING SPECIFICATION: AMS 7477.

4. FLUORESCENT PENETRANT INSPECTION PER AMS 2645.

5. SURFACE TEXTURE: ANSI B46.1-1962. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES, (3.2 MICROMETRES) EXCEPT UPSET HEAD.

6. BREAK SHARP EDGES .003-.015 (0.08-0.38) UNLESS OTHERWISE SPECIFIED.

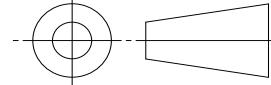
7. DIMENSIONS IN INCHES (MILLIMETRES). METRIC CONVERSIONS ARE INTERNATIONAL SYSTEM UNITS (SI). UNLESS OTHERWISE SPECIFIED, TOLERANCES: ANGULAR DIMENSIONS  $\pm 5^\circ$ .

8. DIMENSIONS AND TOLERANCING: ANSI Y14.5-1973.

9. DO NOT USE UNASSIGNED PART NUMBERS.

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS3102>

## THIRD ANGLE PROJECTION



CUSTODIAN: E-25

**PROCUREMENT SPECIFICATION: NONE**

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## AEROSPACE STANDARD

BOLT, MACHINE - HEXAGON HEAD, PD SHANK,  
CRES AMS5731, .375-24 UNJF-3A

**SAE AS3102**  
SHEET 1 OF 2