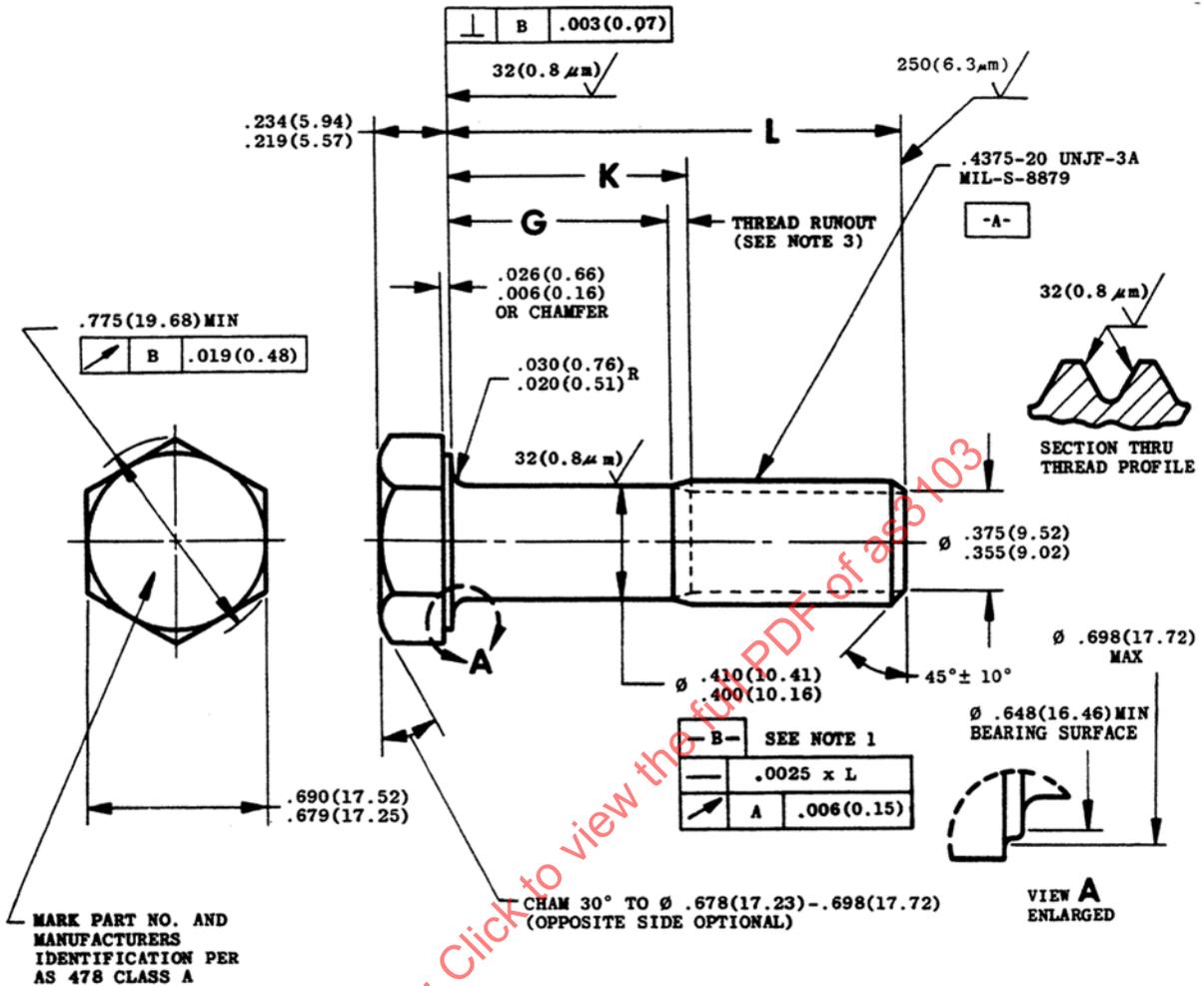


RATIONALE

AS3103 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

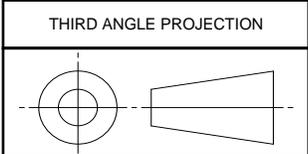
SAE AS3103

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1. FOR PART NUMBERS AS3103-14 THRU AS3103-19 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/AS3103>



CUSTODIAN: E-25      PROCUREMENT SPECIFICATION: NONE

<p>An SAE International Group</p>	<p><b>AEROSPACE STANDARD</b></p> <p>BOLT, MACHINE - HEXAGON HEAD, PD SHANK, CRES AMS5731, .4375-20 UNJF-3A</p>	<p><b>SAE AS3103</b></p> <p>SHEET 1 OF 2</p>
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ISSUED 1979-07      REAFFIRMED 2012-11