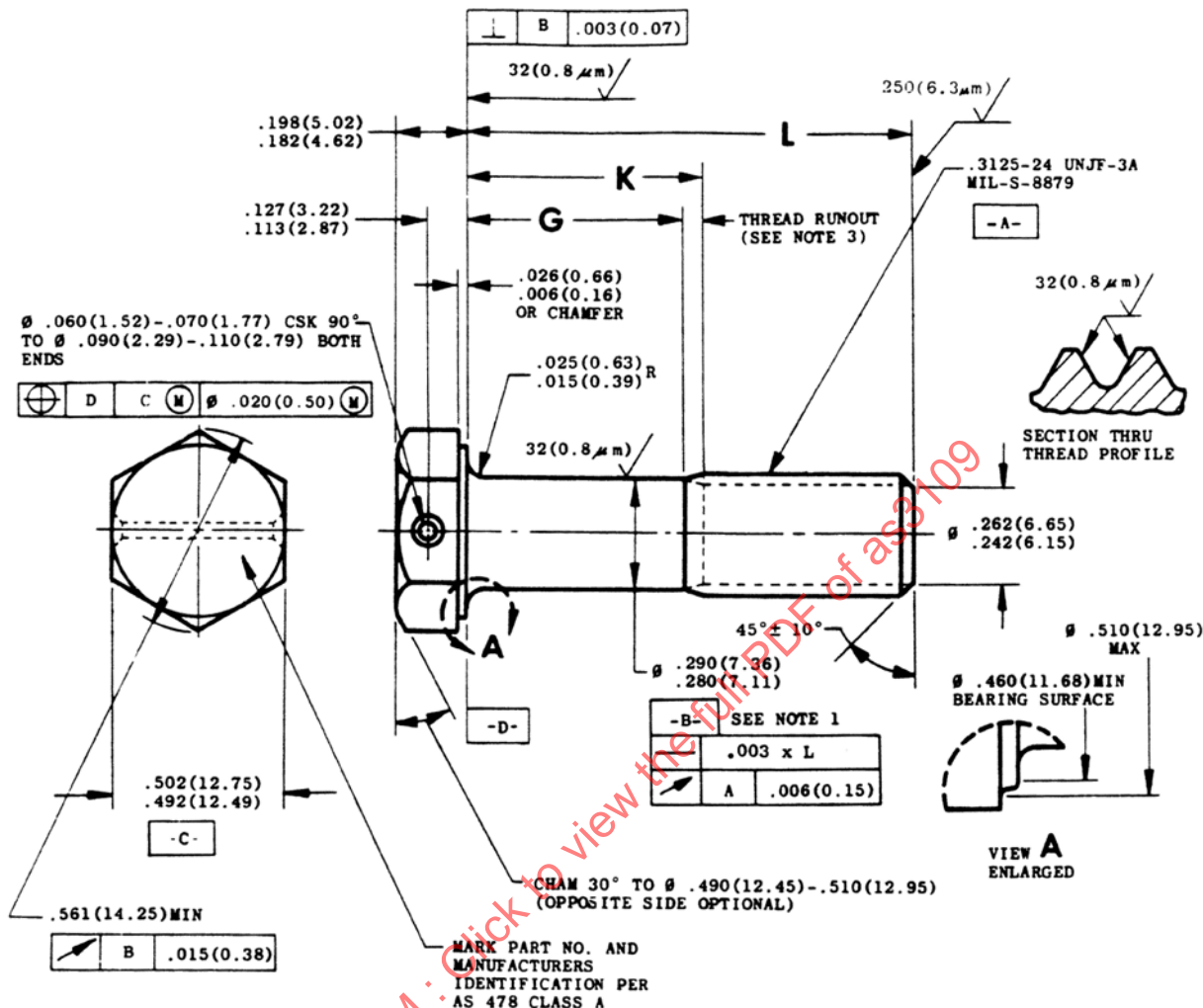


# RATIONALE

FEDERAL SUPPLY CLASS  
5306

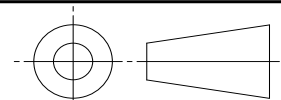
AS3109 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.



1. FOR PART NUMBERS AS3109-13 THRU AS3109-17 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 ±5°.
8. DIMENSIONS AND TOLERANCING: ANSI Y14.5-1971.
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/AS3109>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE

**SAE Aerospace**  
An SAE International Group

## AEROSPACE STANDARD

BOLT, MACHINE - HEXAGON HEAD, DRILLED 1 HOLE, PD SHANK, CRES AMS5731, .3125-24 UNJF-3A

**SAE AS3109**  
SHEET 1 OF 2