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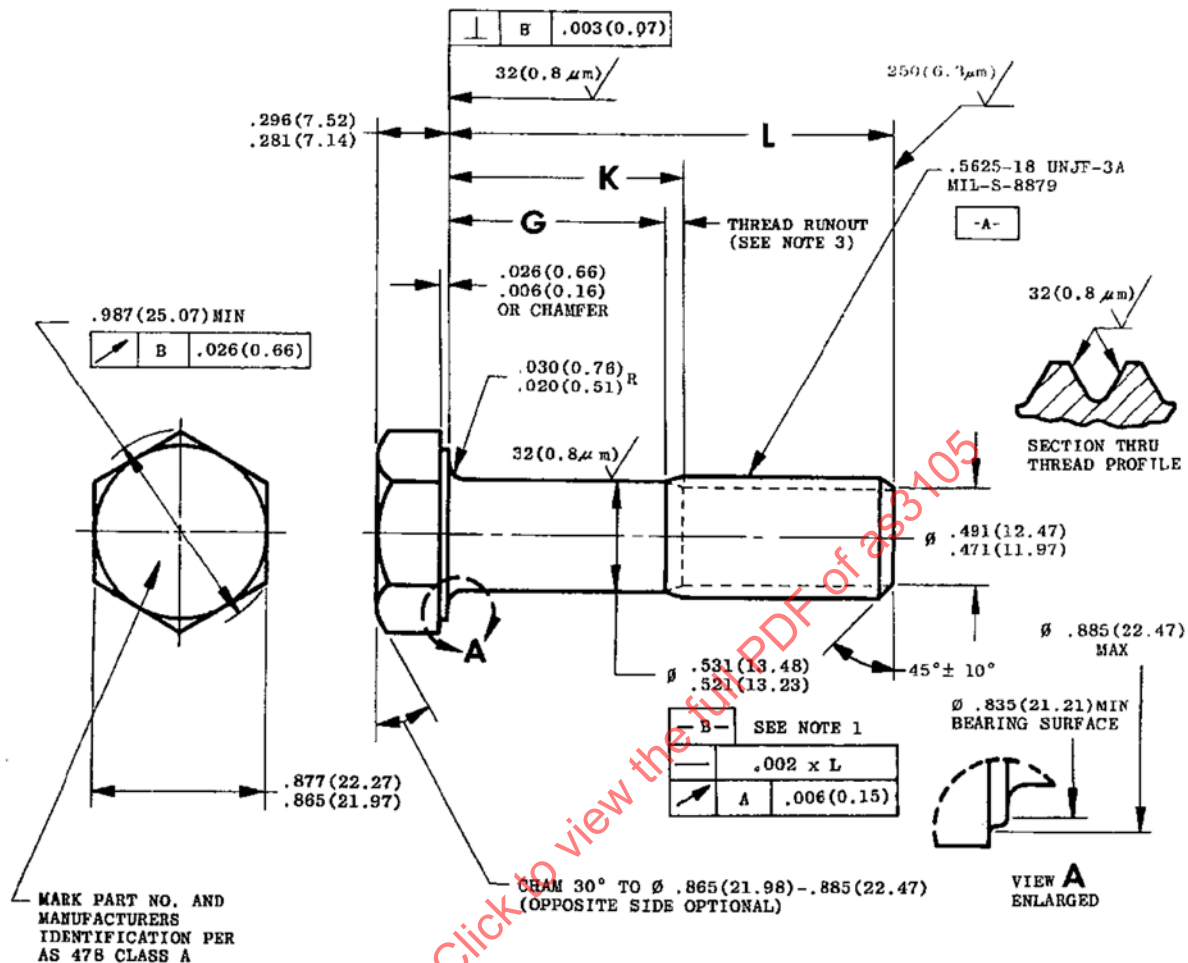
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SAE AS3105

## RATIONALE

FEDERAL SUPPLY CLASS  
5306

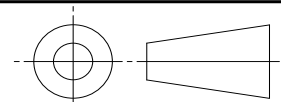
AS3105 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.



1. FOR PART NUMBERS AS3105-15 THRU AS3105-17 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 Y14.5-1973.
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/AS3105>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE

**SAE Aerospace**  
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## AEROSPACE STANDARD

BOLT, MACHINE - HEXAGON HEAD, PD SHANK,  
CRES AMS5731, .5625-18 UNJF-3A

**SAE AS3105**  
SHEET 1 OF 2

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ISSUED 1979-07 REAFFIRMED 2012-11