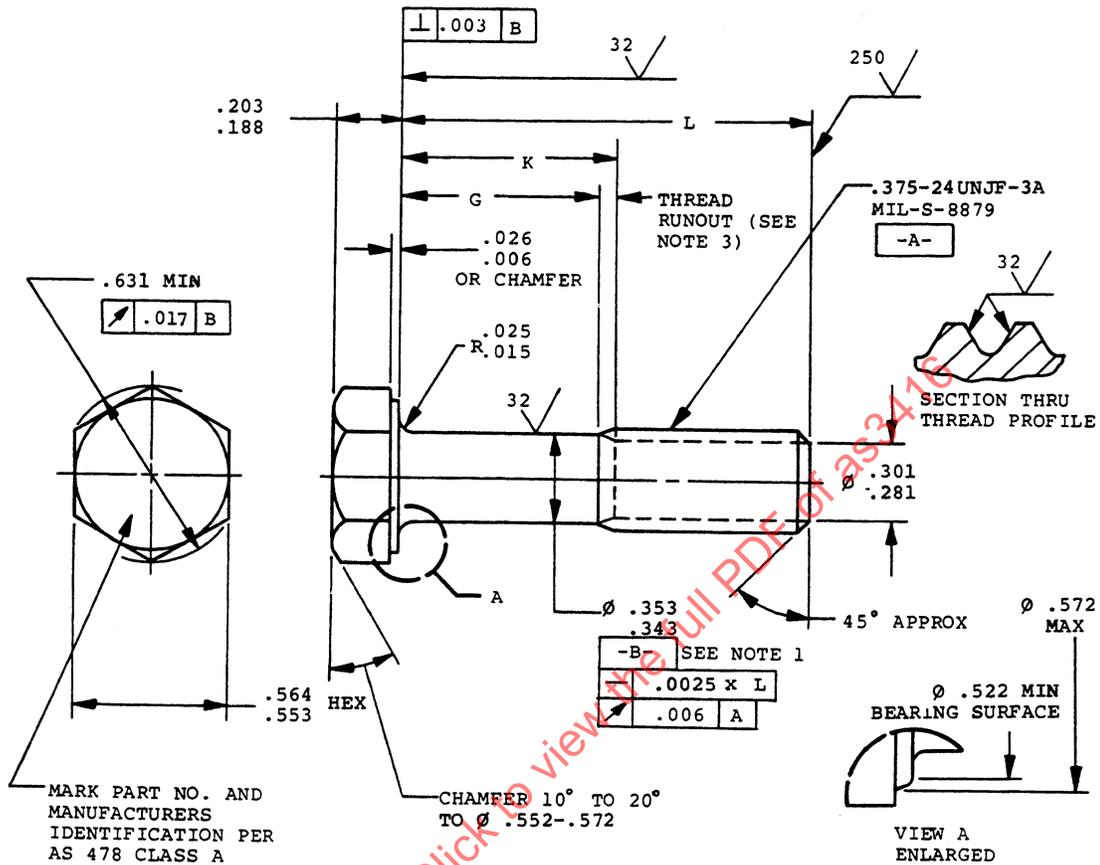


RATIONALE

THIS DOCUMENT HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE 5-YEAR REVIEW POLICY.

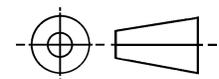
AS3416

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- FOR PART NUMBERS AS3416-03 THRU AS3416-21 **-B-** IN TOL NOTES SHALL BE CHANGED TO **-A-**.
- MATERIAL: CORROSION AND HEAT RESISTANT NICKEL ALLOY AMS 5662.
- MANUFACTURING SPECIFICATION: AMS 7467 EXCEPT ROLL THREAD AND COLD WORK FILLET RADIUS AFTER PRECIPITATION HARDENING.
- FLUORESCENT PENETRANT INSPECTION PER AMS 2645.
- SURFACE TEXTURE: SYMBOLS PER ANSI Y14.36-1978; REQUIREMENTS PER ANSI B46.1-1978. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra. EXCEPT UPSET HEAD TO BE 250 MICROINCHES Ra.
- BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
- DIMENSIONS IN INCHES.
- DIMENSIONS AND TOLERANCING ANSI Y14.5M-1982.
- DO NOT USE UNASSIGNED PART NUMBERS.

THIRD ANGLE PROJECTION



PREPARED BY SAE COMMITTEE E-25, GENERAL STANDARDS FOR AEROSPACE PROPULSION SYSTEMS

**SAE Aerospace**  
An SAE International Group

**AEROSPACE STANDARD**  
BOLT, MACHINE - HEXAGON HEAD, PD SHANK,  
AMS 5662, .375-24UNJF-3A  
(STRESS RUPTURE RESISTANT)

**AS3416**  
SHEET 1 OF 2

ISSUED 1985-12 REAFFIRMED 2006-05