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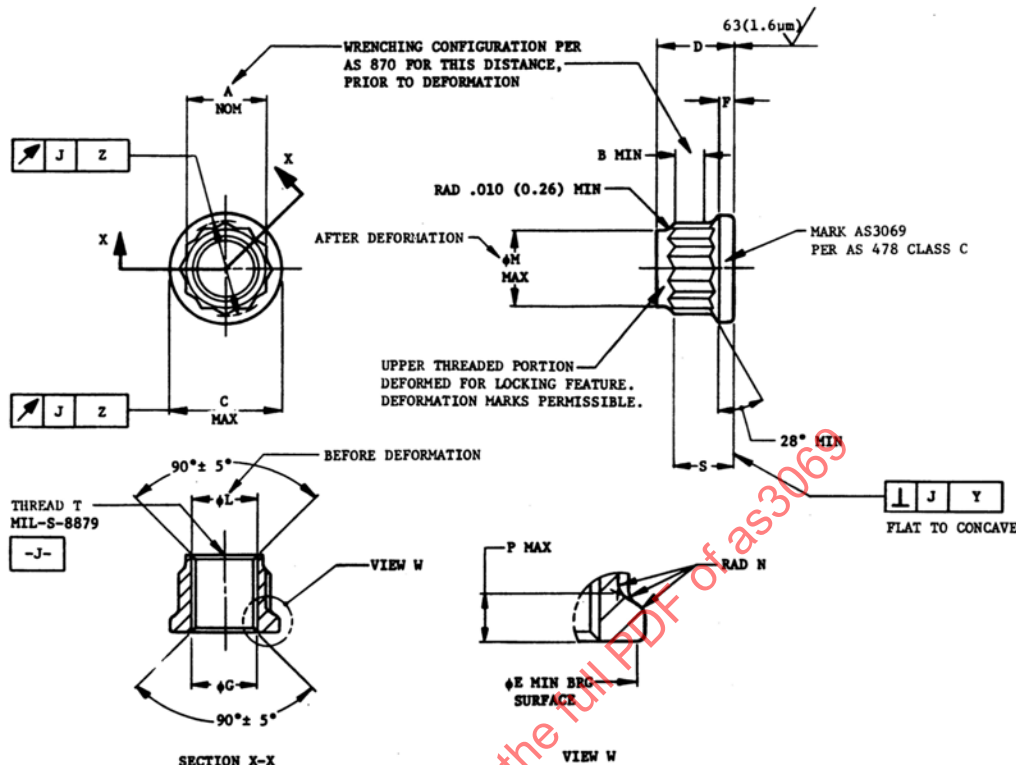
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SAE AS3069

RATIONALE

FEDERAL SUPPLY CLASS
5310

AS3069 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.



1. MATERIAL: CORROSION AND HEAT RESISTANT STEEL AMS 7737, SEE NOTE 2.
2. HARDNESS AFTER FORMING: SEE TABULATION.
3. FINISH: SILVER PLATE PER AMS 2411. DIMENSIONS ARE AFTER PLATING.
4. PERFORMANCE SPECIFICATION: AMS 7251.
5. FLUORESCENT PENETRANT INSPECTION BEFORE PLATING PER AMS 2645 AND AS 3071.
6. SURFACE TEXTURE: SYMBOLS PER ANSI Y14.36 - 1978. REQUIREMENTS PER ANSI B46.1-1978. UNLESS OTHERWISE SPECIFIED TO BE 125 MICROMETRES (3.2 MICROMETRES) AA.
7. BREAK SHARP EDGES .003-.015 (0.08-0.38) UNLESS OTHERWISE SPECIFIED.
8. DIMENSIONS ARE IN INCHES (MILLIMETRES). METRIC CONVERSIONS ARE INTERNATIONAL SYSTEM UNITS (SI).
9. DIMENSIONING AND TOLERANCING: ANSI Y14.5-1973.
10. DO NOT USE UNASSIGNED AEROSPACE STANDARD IDENTIFICATION NUMBERS.

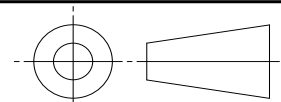
SOURCE OF SUPPLY:

STANDARD PRESSED STEEL COMPANY,
JENKINTOWN, PENNSYLVANIA 19046.
FEDERAL SUPPLY CODE FOR MANUFACTURER'S NO. 56878.
DRAWING NO. SD.300.73356.

ONLY THE ITEM DESCRIBED ON THIS DRAWING WHEN PROCURED FROM THE VENDOR LISTED HEREON IS APPROVED FOR USE IN THE APPLICATIONS SPECIFYING THIS AEROSPACE STANDARD IDENTIFICATION NUMBER. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR TESTING AND APPROVAL BY THE DESIGN ACTIVITY RESPONSIBLE FOR THE APPLICATION.

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS3069>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

NUT, SELF-LOCKING, DOUBLE HEXAGON,
REDUCED ENVELOPE, AMS7251

SAE AS3069
SHEET 1 OF 2

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ISSUED 1979-10 REAFFIRMED 2012-11