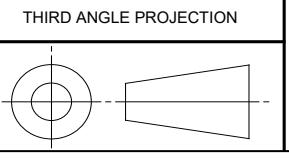
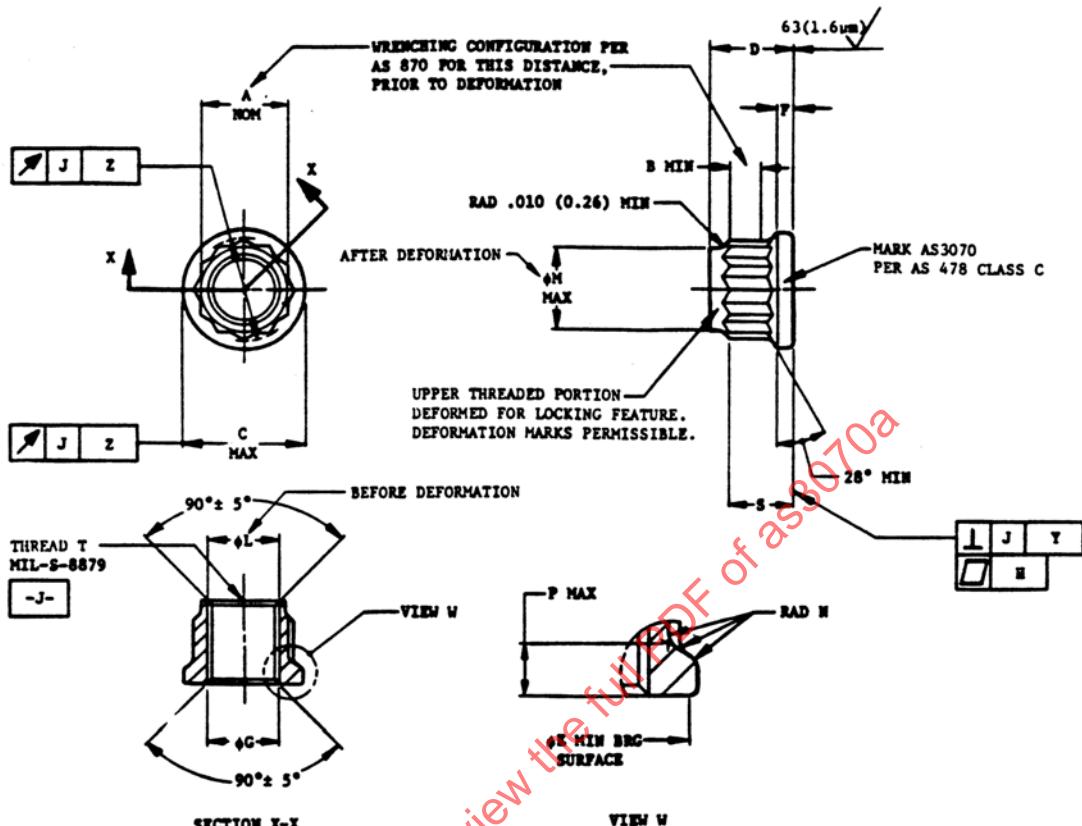


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REV. A	AS3070™	FEDERAL SUPPLY CLASS 5310
RATIONALE		
THIS STANDARD IS TO BE CANCELLED AND SUPERSEDED BY AS6146.		
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THIS TECHNICAL REPORT HAS BEEN DECLARED "CANCELLED" AS OF SEPTEMBER, 2020 AND HAS BEEN SUPERSEDED BY AS6146. BY THIS ACTION, THIS DOCUMENT WILL REMAIN LISTED IN THE RESPECTIVE INDEX, IF APPLICABLE. CANCELLED TECHNICAL REPORTS ARE AVAILABLE FROM SAE.		
UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.		
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	For more information on this standard, visit <a href="https://www.sae.org/standards/content/AS3070A/">https://www.sae.org/standards/content/AS3070A/</a>	THIRD ANGLE PROJECTION 
CUSTODIAN: E-25	PROCUREMENT SPECIFICATION: NONE	
SAE INTERNATIONAL®	AEROSPACE STANDARD NUT, SELF-LOCKING, DOUBLE HEXAGON, REDUCED ENVELOPE, AMS7251	AS3070™ REV. A



1. MATERIAL: CORROSION AND HEAT RESISTANT STEEL AMS 5737.
2. HARDNESS AFTER FORMING: HRC 37-45.
3. FINISH: SILVER PLATE PER AMS 2411. DIMENSIONS ARE AFTFR PLATING.
4. PERFORMANCE SPECIFICATION: AMS 7251.
5. FLUORESCENT PENETRANT INSPECTION BEFORE PLATING PER AMS 2645 AND AS 3071.
6. SURFACE TEXTURE: ANSI B46.1-1962. UNLESS OTHERWISE SPECIFIED TO BE 125 MICROINCHES (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:

VOI-SHAN,  
A DIVISION OF VSI CORPORATION,  
CULVER CITY, CALIFORNIA 90230.  
FEDERAL SUPPLY CODE FOR MANUFACTURER'S NO. 92215.  
DRAWING NO. VNL497.

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 INTERNATIONAL.	AEROSPACE STANDARD	AS3070™ SHEET 1 OF 2	REV. A
NUT, SELF-LOCKING, DOUBLE HEXAGON, REDUCED ENVELOPE, AMS7251			