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**REV. A**

**AS3066**

FEDERAL SUPPLY CLASS  
5310

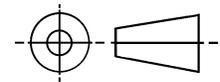
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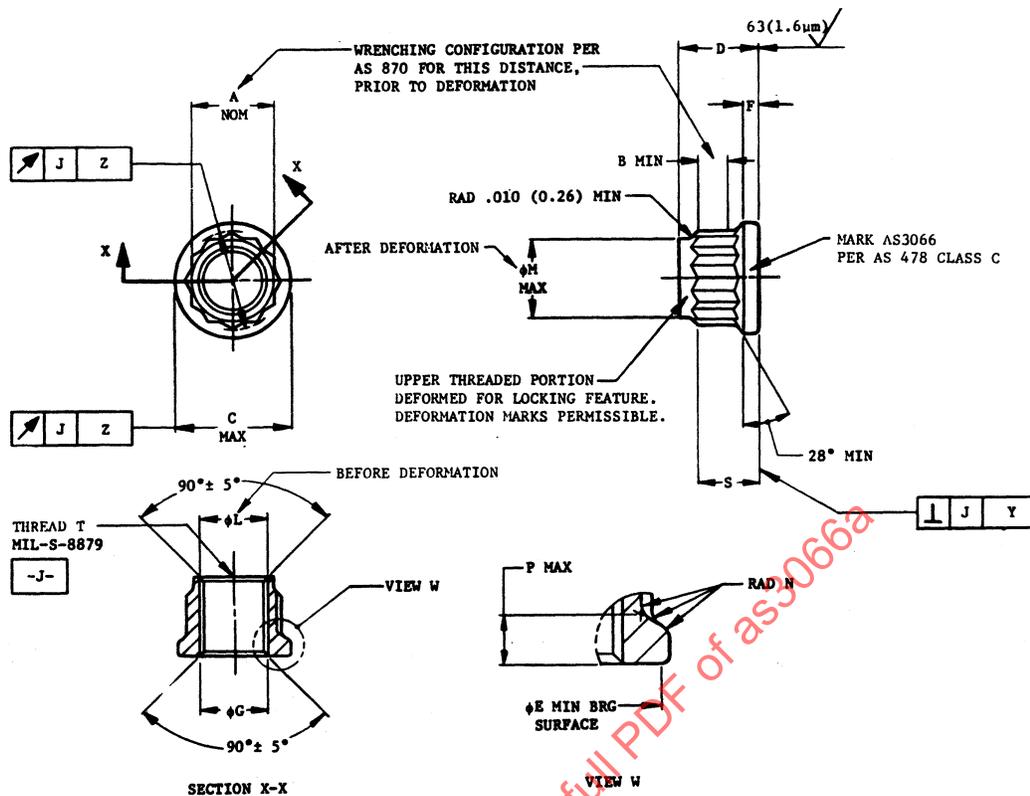
THIRD ANGLE PROJECTION



ISSUED 1977-05 REAFFIRMED 2001-11 NONCURRENT 2004-10

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

<p><b>SAE Aerospace</b> An SAE International Group</p>	<p><b>AEROSPACE STANDARD</b></p>	<p><b>AS3066</b> SHEET 1 OF 3</p>	<p><b>REV. A</b></p>
	<p>NUT, SELF-LOCKING, DOUBLE HEXAGON, REDUCED ENVELOPE, AMS 7251</p>		



1. MATERIAL: CORROSION AND HEAT RESISTANT STEEL AMS 5737. 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: ANSI B46.1-1962. UNLESS OTHERWISE SPECIFIED TO BE 125 MICRONCHES (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:

TOWNSEND COMPANY,  
 BOOTS AIRCRAFT NUT DIVISION,  
 SANTA ANA, CALIFORNIA, 92707.  
 FEDERAL SUPPLY CODE FOR MANUFACTURER'S NO. 71087.  
 DRAWING NO. 107061.

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.