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REV. C
AS3066™

FEDERAL SUPPLY CLASS
5310

RATIONALE

STANDARD TO BE CANCELLED AND SUPERSEDED BY AS6146.

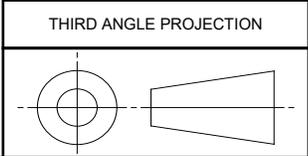
CANCELLATION NOTICE

THIS TECHNICAL REPORT HAS BEEN DECLARED "CANCELLED" AS OF SEPTEMBER, 2020 AND HAS BEEN SUPERSEDED BY AS6146.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.

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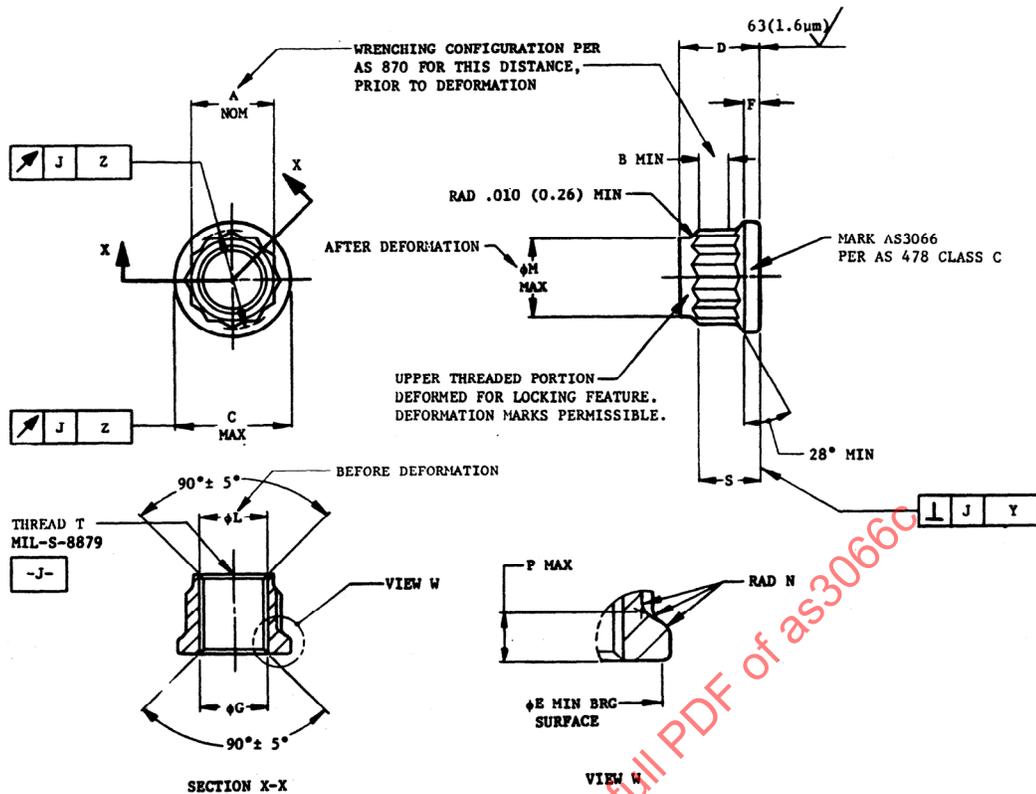
For more information on this standard, visit
<https://www.sae.org/standards/content/AS3066C/>



CUSTODIAN: E-25

	AEROSPACE STANDARD	AS3066™	REV. C
	NUT, SELF-LOCKING, DOUBLE HEXAGON, REDUCED ENVELOPE, AMS 7251		

ISSUED 1977-05 REAFFIRMED 2001-11 NONCURRENT 2004-10 STABILIZED 2013-01 CANCELLED 2020-09



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 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:

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.

	AEROSPACE STANDARD	AS3066™ SHEET 1 OF 2	REV. C
	NUT, SELF-LOCKING, DOUBLE HEXAGON, REDUCED ENVELOPE, AMS 7251		