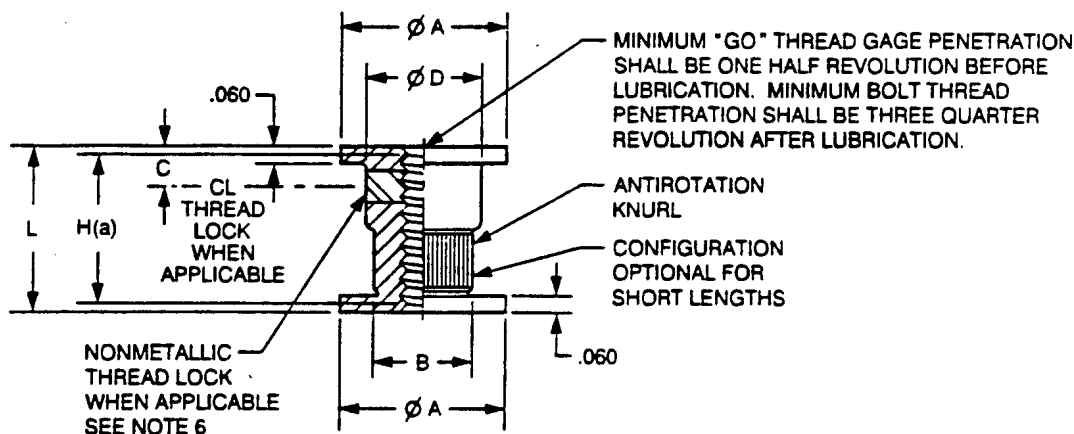


ALL STEEL AND CRES SELF-LOCKING AND NONSELF-LOCKING
OR NONSELF-LOCKING ALUMINUM STYLE



ALUMINUM SELF-LOCKING AND
NONSELF-LOCKING STYLE

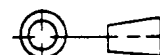
⑥ COMPLETELY REVISED

LIST OF CURRENT SHEETS

SHT.	REV.
1	6
2	5
3	NEW

CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE

THIRD
ANGLE
PROJECTION



PROCUREMENT
SPECIFICATION

TITLE

CLASSIFICATION

STANDARD PART

NONE

INSERT, MOLDED IN, THREADED, SELF-LOCKING,
NONSELF-LOCKING, SANDWICH PANEL

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SHEET 1 OF 3

USE OF OR RELIANCE UPON THIS DOCUMENT OR ANY NATIONAL AEROSPACE STANDARD IS ENTIRELY VOLUNTARY. AIA DOES NOT QUALIFY SUPPLIERS OR CERTIFY CONFORMANCE OF ITEMS PROCURED UNDER NATIONAL AEROSPACE STANDARDS. AIA MAKES NO REPRESENTATION OR CLAIM RESPECTING (1) THE SUITABILITY OF ITEMS FOR ANY PARTICULAR APPLICATION, OR (2) THE EXISTENCE OF OR APPLICABILITY THERETO OF PATENT OR TRADEMARK RIGHTS.



TABLE I

FIRST DASH NO	THREAD CLASS 3B	Ø A + .000 - .010	Ø B	C	Ø D	J	L (b) MIN	INSTALLATION HOLE SIZE
-06	.1380-32UNJC	.560	.300	.12	.375	.367	.250	.561-.566
-08	.1640-32UNJC	.560	.300	.12	.375	.367	.250	.561-.566
-3	.1900-32UNJF	.560	.300	.12	.375	.367	.250	.561-.566
-4	.2500-28UNJF	.685	.375	.14	.440	.467	.312	.686-.691
-5	.3125-24UNJF	.685	.475	.16	.500	.467	.312	.686-.691
-6	.3750-24UNJF	.841	.500	.22	.550	.591	.375	.842-.847

(a) MINIMUM THREAD "H" SHALL BE (2) DIAMETERS OF THREAD WHERE LENGTH PERMITS, AND LENGTH SHORTER THAN TWO (2) DIAMETERS OF THREAD SHALL BE THREADED THE ENTIRE LENGTH.

(b) MINIMUM LENGTH WHICH MAY BE SPECIFIED.

MATERIAL: CARBON STEEL, IN ACCORDANCE WITH ASTM A 108, ASTM A 576 OR MATERIAL COMPOSITION PER FED-STD-66, ULTIMATE TENSILE STRENGTH 85 KSI MINIMUM. AL ALLOY, GRADE 2024 (UNS A92024), TEMPER T4 OR T351 PER QQ-A-225/6. CORROSION RESISTANT STEEL, TYPE 303 (UNS S30300) IN ACCORDANCE WITH ASTM A 582.
NONMETALLIC LOCKING ELEMENT - POLYAMIDE PER FED SPEC L-P-410.

FINISH: CARBON STEEL - CADMIUM PLATE PER QQ-P-416, TYPE II, CLASS 2.
AL ALLOY - ANODIZE PER MIL-A-8625, TYPE I, CLASS OPTIONAL.
CRES - PASSIVATE PER QQ-P-35, TYPE II; SILVER PLATE PER AMS 2410; OR CADMIUM PLATE PER QQ-P-416, TYPE II, CLASS 2.

SOLID FILM LUBRICANT PER MIL-L-46010, TYPE I. APPLIED TO THREADS ONLY.

CODING: NO LETTER AFTER BASIC NUMBER INDICATES CARBON STEEL, CADMIUM PLATED.
SUFFIX A TO BASIC NUMBER INDICATES AL ALLOY, ANODIZED.
SUFFIX C TO BASIC NUMBER INDICATES CRES, PASSIVATED.
FIRST DASH NUMBER INDICATES NOMINAL THREAD SIZE, SEE TABLE I.
SUFFIX N TO FIRST DASH NUMBER INDICATES NONSELF-LOCKING.
SECOND DASH NUMBER INDICATES LENGTH IN THOUSANDTHS.
NO LETTER AFTER SECOND DASH NUMBER FOR CRES INDICATES PASSIVATE ONLY.
SEE NOTE 5.
SUFFIX P TO SECOND DASH NUMBER INDICATES CADMIUM PLATE ON CRES INSERT.
SEE NOTE 5.
SUFFIX M TO SECOND DASH NUMBER INDICATES SOLID FILM LUBRICANT. SEE NOTE 5.
SUFFIX S TO SECOND DASH NUMBER INDICATES SILVER PLATE ON CRES INSERT. SEE NOTE 5.

EXAMPLE OF PART NUMBER:

NAS1833-3-500M .1900-32UNJF-3B THREAD, CARBON STEEL, CADMIUM PLATED WITH SOLID FILM LUBRICANT, .500 LONG, SELF-LOCKING.
NAS1833A3N500 .1900-32UNJF-3B THREAD, AL ALLOY, ANODIZED, .500 LONG, NONSELF-LOCKING.
NAS1833C08-375S .1640-32UNJC-3B THREAD, CRES, SILVER PLATED, .375 LONG, SELF-LOCKING.
NAS1833C08-375P .1640-32UNJC-3B THREAD, CRES, CADMIUM PLATED, .375 LONG, SELF-LOCKING.
NAS1833C4N625 .2500-28UNJF-3B THREAD, CRES, PASSIVATED, .625 LONG, NONSELF-LOCKING.

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SHEET 2