

FED. SUPPLY CLASS

5310

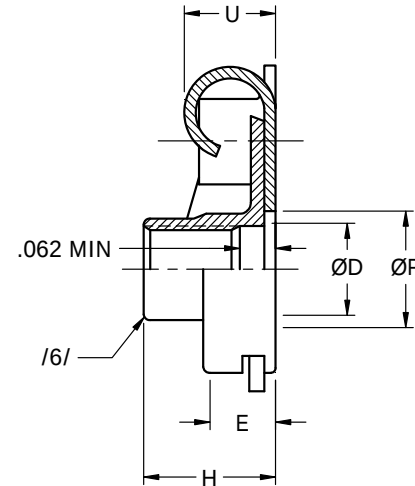
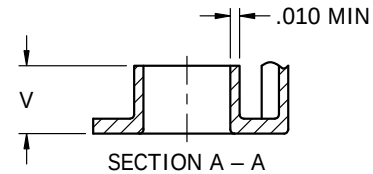
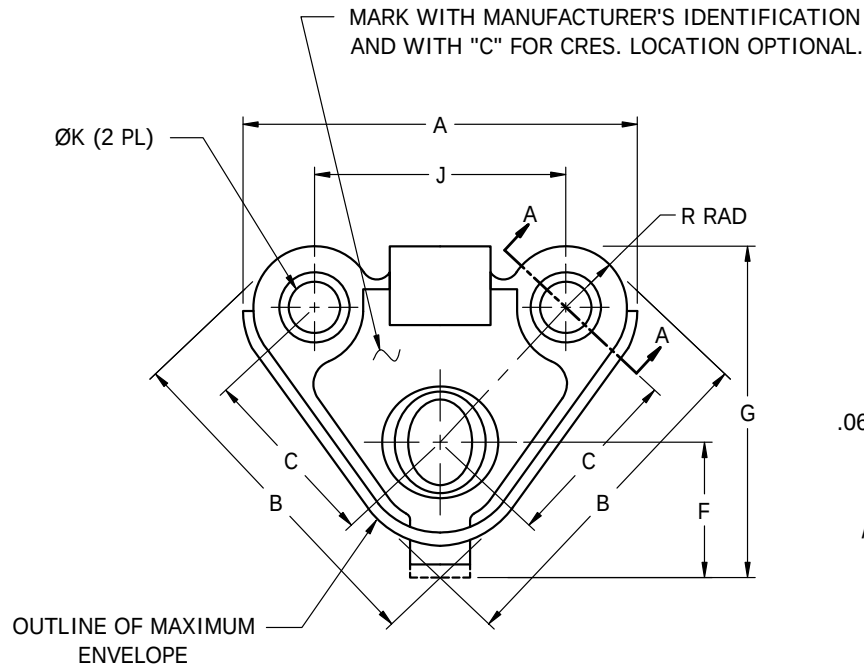


TABLE I - DIMENSIONS

DASH NO	THREAD /7/	A MAX	B MAX	C ±.005	ØD MIN	E MAX	F MAX	G MAX	H MAX /1/	J ±.002	ØK +.005 -.000	ØP MIN	R MIN	U MAX	V ±.005	AXIAL STRENGTH LBF MIN	WEIGHT LB/100 MAX
08	.1640-32 UNJC-3B	.786	.680	.344	.168	.150	.268	.680	.205	.486	.098	.238	.115	.175	.077	1,720	.50
3	.1900-32 UNJF-3B	.786	.680	.344	.194	.150	.268	.680	.205	.486	.098	.238	.115	.175	.077	2,460	.50
4	.2500-28 UNJF-3B	1.079	1.038	.500	.254	.200	.321	.875	.312	.707	.098	.298	.115	.200	.103	4,580	1.25
5	.3125-24 UNJF-3B	1.094	1.058	.500	.317	.220	.363	.875	.325	.707	.130	.372	.115	.200	.103	7,390	1.50

MATERIAL:

STEEL - SEE PROCUREMENT SPECIFICATION

CRES - A286 (UNS S66286) CONFORMING TO THE CHEMISTRY OF AMS5525, AMS5732 OR AMS5737.

② COMPLETELY REVISED

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 2
PROCUREMENT SPECIFICATION NOTED	TITLE NUT, SELF-LOCKING, PLATE, CORNER, COUNTERBORED, FLOATING, 125 KSI Ft_u, 450 °F AND 800 °F	CLASSIFICATION PART STANDARD



NAS1766
SHEET 1 OF 3
Document Sharing Hub

FINISH:

STEEL – CADMIUM PLATE PER AMS-QQ-P-416. TYPE AND CLASS OF PLATING IS OPTIONAL IF LUBRICATED NUTS WILL MEET THE SALT SPRAY REQUIREMENTS OF AMS-QQ-P-416 TYPE II
CRES – 800 °F NUT: SILVER PLATE PER AMS2410. PLATE THICKNESS MEASURED ON ANY EXTERNAL SURFACE OF THE NUT SHALL NOT BE LESS THAN .0002 INCH; THREADS SHALL SHOW COMPLETE COVERAGE BUT THICKNESS REQUIREMENT ON THREAD IS WAIVED. OPTIONAL SILVER PLATE ON NUT RETAINING CAGE.

LUBRICATION:

STEEL – LUBRICANT PER PROCUREMENT SPECIFICATION.
CRES – 450 °F NUT: A LUBRICANT PER THE PROCUREMENT SPECIFICATION SHALL BE APPLIED IN LIEU OF SILVER PLATE. DRY FILM LUBRICANT ON NUT RETAINING CAGE OPTIONAL.

EXAMPLE OF PART NUMBER:

NAS1766 C 3 = SELF-LOCKING, CORNER, NUT PLATE, CRES, SILVER PLATED, COUNTERBORED, FLOATING.
DASH NUMBER AS TABULATED
MATERIAL: { "C" = CRES, SILVER PLATED, FOR USE UP TO 800 °F
"CL" = CRES, DRY FILM LUBRICATION, FOR USE UP TO 450 °F
"–" = STEEL, CADMIUM PLATED PLUS DRY FILM LUBRICATION, FOR USE UP TO 450 °F
BASIC PART NUMBER

NOTES:

- /1/ MINIMUM "H" NOT SPECIFIED, LIMITED ONLY BY STRENGTH REQUIREMENT.
- (2) FLOAT OF NUT PORTION OF ASSEMBLY SHALL NOT BE LESS THAN .025 RADIALLY FROM CENTERED POSITION. NUT ELEMENT SHALL BE CAPABLE OF ENGAGEMENT WITH BOLT IN THE MAXIMUM MISALIGNED POSITION.
- (3) MAGNETIC PERMEABILITY FOR CRES NUTS SHALL BE LESS THAN 2.0 (AIR = 1.0) FOR A FIELD STRENGTH H = 200 OERSTEDS USING A MAGNETIC PERMEABILITY INDICATOR PER ASTM A342/A342M, TEST METHOD 3.
- (4) DIMENSIONS IN INCHES AND APPLY AFTER FINISH AND PRIOR TO THE APPLICATION OF LUBRICATION UNLESS OTHERWISE SPECIFIED.
- (5) CONFIGURATION OF NUT OPTIONAL WITHIN THE LIMITATIONS IMPOSED BY DIMENSIONS AND REQUIREMENTS AS SPECIFIED HEREIN.
- /6/ THREAD PORTION DEFORMED AT INDICATED END TO PRODUCE SELF-LOCKING ACTION.
- /7/ THREADS BEFORE LUBRICATION PER AS8879.

② COMPLETELY REVISED

REVISION
2
NAS1766
SHEET 2



Documents
SHEET 2

Document Sharing Hub