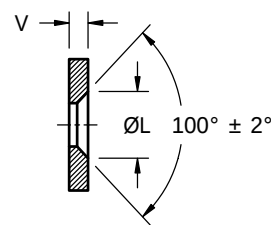
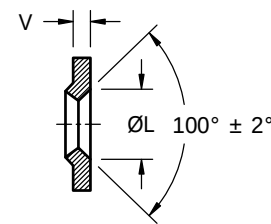
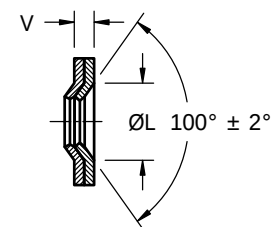
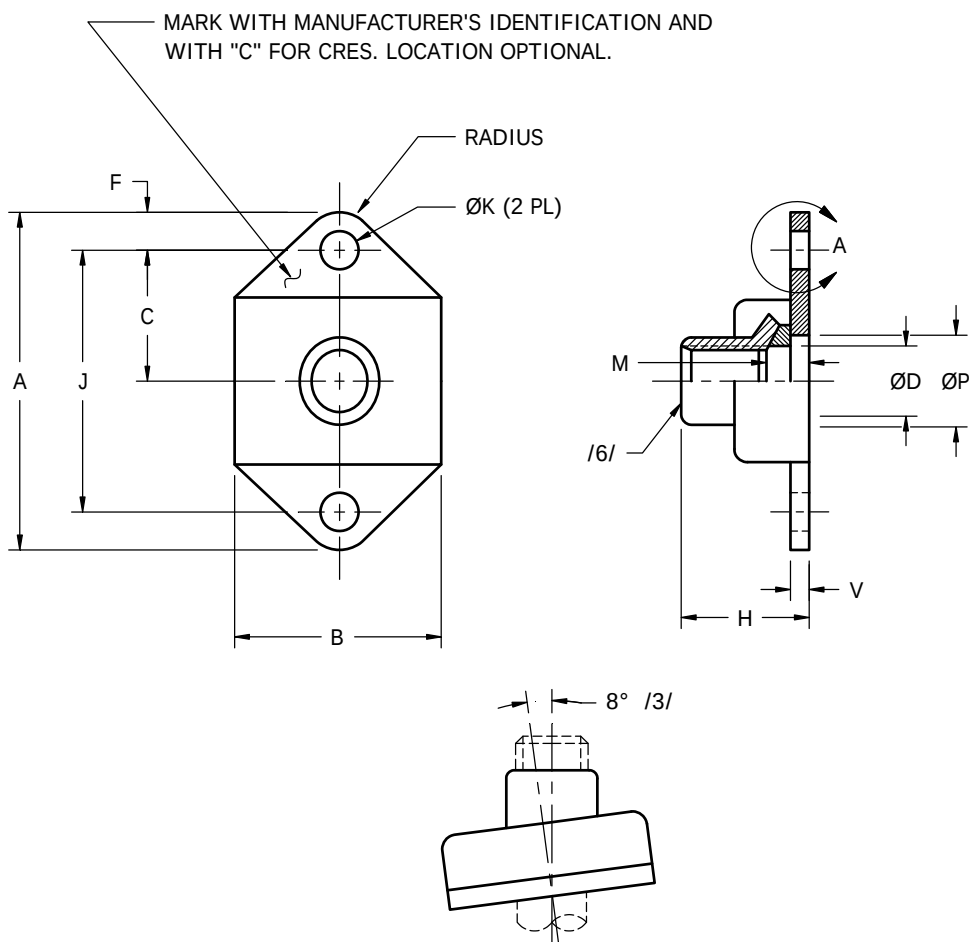


FED. SUPPLY CLASS

5310

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
1000 WILSON BLVD.
ARLINGTON, VA 22209

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME
PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST
REVISION DATE.



VIEW A
DIMPLED OR COUNTERSUNK
RIVET HOLES WHEN SPECIFIED

TABLE I – DIMENSIONS

DASH NO.	THREAD /7/	A MAX	B MAX	C ±.005	ØD MIN	F MIN	H MAX /1/	J ±.002	ØK +.005 - .000	ØL ±.010	M MIN	ØP MIN	V MAX	AXIAL STRENGTH LBF MIN	WEIGHT LB/100 MAX
3	.1900-32	.958	.520	.344	.194	.095	.328	.688	.098	.200	.125	.245	.045	2460	.84
4	.2500-28	1.270	.661	.500	.254	.100	.450	1.000	.098	.200	.141	.307	.045	4580	1.48
5	.3125-24	1.300	.735	.500	.317	.125	.478	1.000	.130	.230	.188	.370	.045	7390	3.33

MATERIAL:

STEEL – SEE PROCUREMENT SPECIFICATION

CRES – NUT AND SPHERICAL WASHER: A286 (UNS S66286) CONFORMING TO THE CHEMISTRY OF AMS5525, AMS5732 OR AMS5737.

RETAINING CAGE: SEE PROCUREMENT SPECIFICATION

THIRD ANGLE PROJECTION	
PROCUREMENT SPECIFICATION	
NOTED	

CUSTODIAN	NATIONAL AEROSPACE STANDARDS COMMITTEE
TITLE	NUT, SELF-LOCKING, PLATE, TWO LUG, FLOATING, 125 KSI Ft _u , 450 °F AND 800 °F

REVISION	3
CLASSIFICATION	PART STANDARD
NAS1765	SHEET 1 OF 3

REVISION DATE: JUNE 30, 2015

ISSUE DATE: MAY 1973

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 INCHES; THREADS SHALL SHOW COMPLETE COVERAGE BUT THICKNESS REQUIREMENT ON THREAD IS WAIVED. OPTIONAL SILVER PLATE ON NUT RETAINING CAGE AND SPHERICAL WASHER.

LUBRICATION:

STEEL – AN APPROVED DRY FILM LUBRICANT.
CRES – 450 °F NUT: AN APPROVED DRY FILM LUBRICANT SHALL BE APPLIED IN LIEU OF SILVER PLATE. OPTIONAL DRY FILM LUBRICANT ON NUT RETAINING CAGE AND SPHERICAL WASHER.

EXAMPLE OF PART NUMBER:

NAS1765 C 3 K = SELF-ALIGNING, SELF-LOCKING, NUT PLATE, CRES, SILVER PLATED, .1900-32 THREAD, DIMPLED OR COUNTERSUNK RIVET HOLES. (3)

— K = DIMPLED OR COUNTERSUNK RIVET HOLES, OMIT FOR PLAIN HOLES

— 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.
- /3/ NUT ELEMENT SHALL BE CAPABLE OF ENGAGEMENT WITH A BOLT AT A MAXIMUM ANGULAR MISALIGNMENT OF 8° FROM VERTICAL CENTERLINE IN ALL DIRECTIONS AT FLOAT EXTREMES.
- (4) DIMENSIONS IN INCHES AND APPLY AFTER FINISH AND PRIOR TO THE APPLICATION OF LUBRICATION UNLESS OTHERWISE SPECIFIED.
- (5) CONFIGURATION OF NUT PLATE COMPONENTS 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 UNJF-3B.

REVISION

3

NAS1765
SHEET 2



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