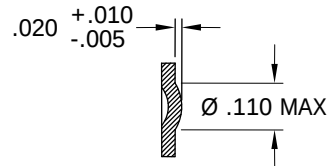
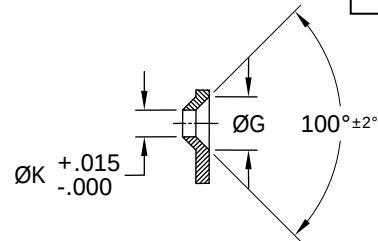


FED. SUPPLY CLASS

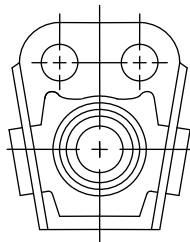
5310



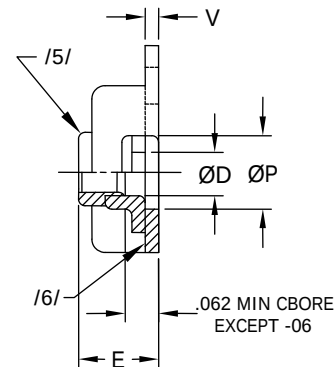
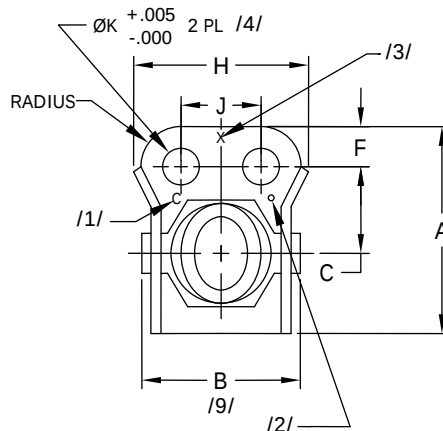
PROJECTION NIBS FOR SPOT WELDING



DIMPLED RIVET HOLES WHEN SPECIFIED



ALTERNATE DESIGN



③

TABLE I - DIMENSIONS AND STRENGTH VALUES

DASH NUMBER				T THREAD /11/	A MAX +.000 -.050 /9/	B	C	ØD MIN	E MAX /10/	F MIN	ØG ±.010	H MAX	J ±.002	ØK +.005 -.000	M MAX	P MAX	V MAX	AXIAL TENSILE STRENGTH LBF
STEEL	CRES																	
CAD+ MoS ₂ 450 °F	CAD W/O MoS ₂ 450 °F	SILVER PLATE 800 °F	MoS ₂ 450 °F															
-06	X06	C06	C06M	.1380-32 UNJC-3B	.525	.440	.250	—	.203	.100	.200	.490	.219	.098	.409	.232	.035	1,600
-08	X08	C08	C08M	.1640-32 UNJC-3B	.525	.440	.250	.168	.250	.100	.200	.490	.219	.098	.409	.232	.035	2,500
-3	X3	C3	C3M	.1900-32 UNJF-3B	.525	.440	.250	.194	.250	.100	.200	.490	.219	.098	.409	.232	.035	3,620
-4	X4	C4	C4M	.2500-28 UNJF-3B	.617	.557	.281	.254	.281	.100	.200	.502	.219	.098	.526	.300	.035	6,470
-5	X5	C5	C5M	.3125-24 UNJF-3B	.767	.619	.359	.317	.328	.125	.230	.609	.269	.130	.588	.357	.045	10,200
-6	X6	C6	C6M	.3750-24 UNJF-3B	.876	.682	.414	.379	.344	.125	.230	.629	.269	.130	.654	.420	.055	15,200

MATERIAL:

STEEL - CARBON OR ALLOY HEAT TREATED SAE1030 OR BETTER; NEITHER THE SULFUR NOR PHOSPHORUS CONTENT SHALL EXCEED .050% BY WEIGHT.

CRES - A286 PER AMS5525, AMS5732, AMS5735, AMS5737 OR AMS5853. /7/

FINISH:

STEEL - CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2.

CRES - SILVER PLATE FOR 800 °F USE PER AMS2410 TO A .0002 MIN THICKNESS ON SURFACE WHICH CAN BE TOUCHED BY A .750 DIAMETER BALL. THREADS SHALL SHOW COMPLETE COVERAGE, BUT THICKNESS REQUIREMENTS ON THREADS IS WAIVED.

③

PASSIVATE ALL CRES PARTS PER AMS2700, METHOD 1, CLASS 4 BEFORE THE APPLICATION OF DRY FILM LUBRICANT.

THIRD ANGLE PROJECTION	
PROCUREMENT SPECIFICATION	NOTED

CUSTODIAN	NATIONAL AEROSPACE STANDARDS COMMITTEE
TITLE	NUT, SELF-LOCKING, PLATE, SIDE BY SIDE, FLOATING, LOW HEIGHT, REDUCED RIVET SPACING, CBORED, 160 KSI, 450 °F, 800 °F

REVISION	3
CLASSIFICATION PART STANDARD	NAS1789 SHEET 1 OF 3

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.

FORM 12-01

REVISION DATE: SEPTEMBER 19, 2014
ISSUE DATE: MARCH 1975

LUBRICANT:

MOLYDISULFIDE (MoS₂) DRY FILM LUBRICANT PER NASM25027. THE INCLUSION OF A LUBRICANT ON THE BASKETS OF DRY FILM LUBRICATED NUTS IS OPTIONAL.

CODE:

- "-" STEEL, CADMIUM PLATED WITH DRY FILM LUBRICANT.
- "C" IN PLACE OF DASH INDICATES CRES NUTS WITH SILVER PLATE.
- "K" SUFFIXED TO THE DASH NUMBER INDICATES DIMPLED RIVET HOLES.
- "M" SUFFIXED TO THE DASH NUMBER INDICATES CRES NUTS, WITHOUT SILVER PLATE, WITH DRY FILM LUBRICANT.
- "W" SUFFIXED TO THE DASH NUMBER INDICATES PROJECT WELD NIBS FOR CRES SILVER PLATED PARTS ONLY (NO SILVER PLATE ON WELD NIBS).
- "X" IN PLACE OF DASH INDICATES CADMIUM PLATED NUTS WITHOUT DRY FILM LUBRICANT.

EXAMPLES OF PART NUMBERS:

STEEL

- NAS1789-4 = .2500-28 UNJF-3B THREAD, PLAIN RIVET HOLES, CADMIUM PLATED WITH DRY FILM LUBRICANT.
- NAS1789-4K = .2500-28 UNJF-3B THREAD, DIMPLED RIVET HOLES, CADMIUM PLATED WITH DRY FILM LUBRICANT.
- NAS1789X4 = .2500-28 UNJF-3B THREAD, PLAIN RIVET HOLES, CADMIUM PLATED AND WITHOUT DRY FILM LUBRICANT.
- NAS1789X4K = .2500-28 UNJF-3B THREAD, DIMPLED RIVET HOLES, CADMIUM PLATED AND WITHOUT DRY FILM LUBRICANT.

CRES

- NAS1789C4 = .2500-28 UNJF-3B THREAD, PLAIN RIVET HOLES, SILVER PLATED.
- NAS1789C4K = .2500-28 UNJF-3B THREAD, DIMPLED RIVET HOLES, SILVER PLATED.
- NAS1789C4W = .2500-28 UNJF-3B THREAD, WELD NIBS, SILVER PLATED.
- NAS1789C4M = .2500-28 UNJF-3B THREAD, PLAIN RIVET HOLES, DRY FILM LUBRICATED.
- NAS1789C4MK = .2500-28 UNJF-3B THREAD, DIMPLED RIVET HOLES, DRY FILM LUBRICATED.

NOTES:

- /1/ MARK "C" ON CRES PARTS, LOCATION OPTIONAL.
- /2/ RAISED OR DEPRESSED DOT FOR 160 KSI IDENTIFICATION, LOCATION OPTIONAL.
- ③ /3/ MANUFACTURER'S ID, LOCATION OPTIONAL.
- /4/ 2K MINIMUM DIAMETER CLEARANCE FOR ATTACHING RIVETS.
- /5/ FLOAT OF NUT PORTION OF ASSEMBLY SHALL NOT BE LESS THAN .020 INCHES Laterally AND LONGITUDINALLY FROM CENTERED POSITION. NUT BODY SHALL BE CAPABLE OF ENGAGEMENT WITH A BOLT IN THE MAXIMUM MISALIGNED POSITION.
- /6/ THE ASSEMBLY SHALL PROVIDE A BEARING SURFACE FOR THE NUT, AND THE NUT AND BASE PORTION OF THE ASSEMBLY SHALL FORM ONE INTEGRAL UNIT.
- /7/ FOR CRES ONLY, MAGNETIC PERMEABILITY 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.

REVISION

3

NAS1789
SHEET 2



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