

FED. SUPPLY CLASS

5310

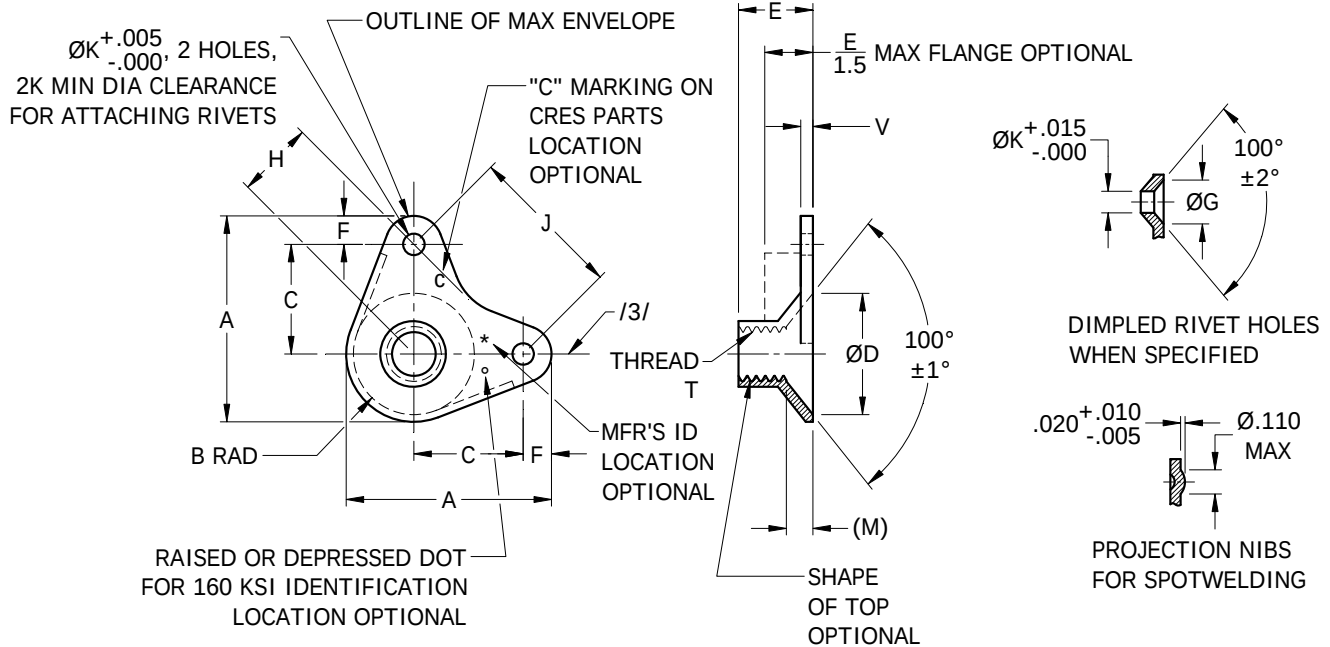


TABLE I – DIMENSIONS AND STRENGTH VALUES

DASH NUMBER				T THREAD /4/	A MAX	B RAD		C BASIC	ØD ±.005	E MAX /2/
STEEL		CRES								
CAD + MoS ₂ 450 °F	CAD W/O MoS ₂ 450 °F	SILVER PLATE 800 °F	MoS ₂ 450 °F			MAX	MIN			
-08	X08	C08	C08M	.1640-32 UNJC-3B	.700	.211	.180	.344	.365	.272
-3	X3	C3	C3M	.1900-32 UNJF-3B	.716	.227	.203	.344	.411	.281
-4	X4	C4	C4M	.2500-28 UNJF-3B	.955	.310	.267	.500	.540	.340
-15	X5	C5	C5M	.3125-24 UNJF-3B	1.044	.383	.340	.500	.686	.422

TABLE I – DIMENSIONS AND STRENGTH VALUES (CONTINUED)

T THREAD /4/	F MIN	ØG ±.010	H MAX	J ±.002	ØK	(M)	V MAX	WEIGHT LBS/100		AXIAL TENSILE STRENGTH LBF
								(AVG)	MAX	
.1640-32 UNJC-3B	.100	.200	.270	.486	.098	.084	.047	.28	.34	2,500
.1900-32 UNJF-3B	.100	.200	.270	.486	.098	.093	.047	.31	.38	3,620
.2500-28 UNJF-3B	.100	.200	.383	.707	.098	.121	.055	.60	.78	6,470
.3125-24 UNJF-3B	.125	.230	.383	.707	.130	.156	.065	.93	1.06	10,200

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THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 3
PROCUREMENT SPECIFICATION NOTED	TITLE NUT, SELF-LOCKING, PLATE, CORNER, LOW HEIGHT, 100° CSK, 160 KSI, 450 °F, 800 °F	CLASSIFICATION PART STANDARD



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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 OR AMS5737. /10/

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 Ø.750 BALL. THREADS SHALL SHOW COMPLETE COVERAGE, BUT THICKNESS REQUIREMENTS ON THREADS IS WAIVED. PASSIVATE PER AMS2700, METHOD 1, CLASS 4 ALL CRES PARTS BEFORE THE APPLICATION OF DRY FILM LUBRICANT.

LUBRICANT:

MOLYDISULFIDE (MoS₂) DRY FILM LUBRICANT PER NAS3356.

CODE:

"-" STEEL, CADMIUM PLATED WITH DRY FILM LUBRICANT.

"C" IN PLACE OF DASH INDICATES CRES NUTS WITH SILVER PLATE.

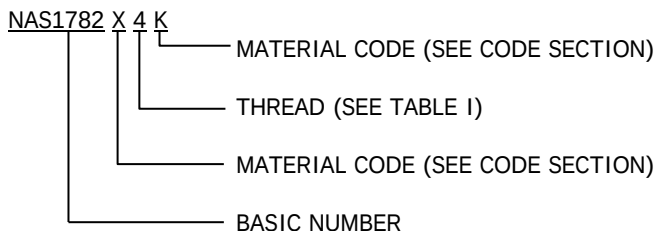
"K" SUFFIXED TO THE DASH NUMBER INDICATES DIMPLED RIVET HOLES.

"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

NAS1782-4 = .2500-28 UNJF-3B THREAD, PLAIN RIVET HOLES, CADMIUM PLATED WITH DRY FILM LUBRICANT.

NAS1782-4K = .2500-28 UNJF-3B THREAD, DIMPLED RIVET HOLES, CADMIUM PLATED WITH DRY FILM LUBRICANT.

NAS1782X4 = .2500-28 UNJF-3B THREAD, PLAIN RIVET HOLES, CADMIUM PLATED AND WITHOUT DRY FILM LUBRICANT.

NAS1782X4K = .2500-28 UNJF-3B THREAD, DIMPLED RIVET HOLES, CADMIUM PLATED AND WITHOUT DRY FILM LUBRICANT.

REVISION

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