

FED. SUPPLY CLASS

5310

$\varnothing K \begin{smallmatrix} +.005 \\ -.000 \end{smallmatrix}$, 2 HOLES,
2x $\varnothing K$ MIN DIA CLEARANCE
FOR ATTACHING RIVETS.

RADIUS

MRF'S ID.
LOCATION
OPTIONAL.

OUTLINE OF
MAXIMUM
ENVELOPE.

"C" MARKING
ON CRES PARTS.
LOCATION
OPTIONAL.

1/2/

$\varnothing B$

RAISED OR DEPRESSED DOT
FOR 160 KSI IDENTIFICATION.
LOCATION OPTIONAL.

E

E MAX FLANGE
1.5 OPTIONAL

V

SHAPE OF CORNER
OPTIONAL. MAY BE
SQUARE, ROUNDED
OR CSK WITHIN THE
LIMITS OF " $\varnothing P$ ".

T
THREAD

$\varnothing D$

$\varnothing P$

.062 MIN CBORE
EXCEPT ON "06"
AND SMALLER.

SHAPE
OF TOP
OPTIONAL.

$\varnothing K \begin{smallmatrix} +.015 \\ -.000 \end{smallmatrix}$

100°
 $\varnothing G \pm 2^\circ$

DIMPLED RIVET HOLES
WHEN SPECIFIED

.020 $\begin{smallmatrix} +.010 \\ -.005 \end{smallmatrix}$

$\varnothing .110$ MAX

PROJECTION NIBS
FOR SPOTWELDING

TABLE I – DIMENSIONS

DASH NUMBER				T THREAD /3/	A MAX	ØB		C BASIC /2/	ØD MIN
STEEL		CRES				MAX	MIN		
CAD + MoS ₂ 450 °F	CAD W/O MoS ₂ 450 °F	SILVER PLATE 800 °F	MoS ₂ 450 °F						
-04	X04	C04	C04M	.1120-40 UNJC-3B	.667	.260	.140	.203	—
-06	X06	C06	C06M	.1380-32 UNJC-3B	.684	.265	.195	.218	—
-08	X08	C08	C08M	.1640-32 UNJC-3B	.716	.297	.235	.234	.168
-3	X3	C3	C3M	.1900-32 UNJF-3B	.745	.328	.298	.250	.194
-4	X4	C4	C4M	.2500-28 UNJF-3B	.822	.414	.380	.281	.254
-5	X5	C5	C5M	.3125-24 UNJF-3B	1.026	.505	.475	.359	.317
-6	X6	C6	C6M	.3750-24 UNJF-3B	1.139	.614	.580	.414	.379

T THREAD /3/	E MAX /1/	F MIN	$\varnothing G$ $\pm .010$	J $\pm .002$	$\varnothing K$	$\varnothing P$ MAX	V MAX	WEIGHT LBS/100		AXIAL TENSILE STRENGTH LBF
								AVG (REF)	MAX	
.1120-40 UNJC-3B	.143	.089	.200	.219	.098	.166	.040	—	.12	1,120
.1380-32 UNJC-3B	.171	.089	.200	.219	.098	.206	.047	—	.15	1,600
.1640-32 UNJC-3B	.250	.100	.200	.219	.098	.248	.047	—	.23	2,500
.1900-32 UNJF-3B	.250	.100	.200	.219	.098	.274	.047	—	.27	3,620
.2500-28 UNJF-3B	.281	.100	.200	.219	.098	.344	.055	—	.46	6,470
.3125-24 UNJF-3B	.328	.125	.230	.269	.130	.417	.065	—	.85	10,200
.3750-24 UNJF-3B	.344	.125	.230	.269	.130	.505	.075	—	2.04	15,200

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THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE		REVISION 2
PROCUREMENT SPECIFICATION	TITLE NUT, SELF-LOCKING, PLATE, ONE LUG, LOW HEIGHT, CBORED, REDUCED RIVET SPACING, 160 KSI, 450 °F, 800 °F		CLASSIFICATION PART STANDARD
NOTED	②		NAS1776 SHEET 1 OF 3

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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 (UNS S66286) PER AMS5525, AMS5732 OR AMS5737. /5/

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.

LUBRICATION:

MOLYDISULFIDE (MoS₂) DRY FILM LUBRICANT PER NAS3356.

CODE:

“–” INDICATES 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

NAS1776-4 = .2500-28 UNJF-3B THREAD, PLAIN RIVET HOLES, CADMIUM PLATED WITH DRY FILM LUBRICANT.
NAS1776-4K = .2500-28 UNJF-3B THREAD, DIMPLED RIVET HOLES, CADMIUM PLATED WITH DRY FILM LUBRICANT.
NAS1776X4 = .2500-28 UNJF-3B THREAD, PLAIN RIVET HOLES, CADMIUM PLATED AND WITHOUT DRY FILM LUBRICANT.
NAS1776X4K = .2500-28 UNJF-3B THREAD, DIMPLED RIVET HOLES, CADMIUM PLATED AND WITHOUT DRY FILM LUBRICANT.

CRES

NAS1776C4 = .2500-28 UNJF-3B THREAD, PLAIN RIVET HOLES, SILVER PLATED.
NAS1776C4K = .2500-28 UNJF-3B THREAD, DIMPLED RIVET HOLES, SILVER PLATED.
NAS1776C4W = .2500-28 UNJF-3B THREAD, WELD NIBS, SILVER PLATED.
NAS1776C4M = .2500-28 UNJF-3B THREAD, PLAIN RIVET HOLES, DRY FILM LUBRICATED.
NAS1776C4MK = .2500-28 UNJF-3B THREAD, DIMPLED RIVET HOLES, DRY FILM LUBRICATED.

REVISION

2

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NAS1776
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