



CONFIGURATION OF NUT OPTIONAL WITHIN THE LIMITATIONS IMPOSED BY DIMENSIONS AND REQUIREMENTS AS SPECIFIED HEREIN.

TABLE I. DASH NUMBERS AND DIMENSIONS

DASH NUMBERS	PLAIN RIVET HOLES		COUNTERSUNK OR DIMPLED RIVET HOLES		T THREAD SIZES	A MAX	B MAX MIN	C ±.005	øP MIN	øG ±.010	H MAX	J ±.002	øK + .005	øP MIN	V MAX	AXIAL STRENGTH LBS/MIN	WEIGHT LBS/100	
	NON-DRY FILM LUBRICANT	DRY FILM LUBRICANT	NON-DRY FILM LUBRICANT	DRY FILM LUBRICANT														
-04	L04	-04K	L04K	-04K	.112-40 UNJC-3B	.948	.416 .290	.344	.100	.200	.175	.688	.098	.270	.172	.032	750	.38
-06	L06	-06K	L06K	-06K	.138-32 UNJC-3B	.948	.416 .290	.344	.100	.200	.203	.688	.098	.270	.198	.032	1,130	.39
-08	L08	-08K	L08K	-08K	.164-32 UNJC-3B	.948	.416 .290	.344	.168	.100	.250	.688	.098	.270	.224	.032	1,720	.40
-3	L3	-3K	L3K	-3K	.190-32 UNJF-3B	.948	.416 .290	.344	.194	.100	.250	.688	.098	.270	.250	.032	2,460	.41
-4	L4	-4K	L4K	-4K	.250-28 UNJF-3B	1.292	.516 .350	.500	.254	.100	.200	1.000	.098	.330	.310	.032	4,580	.90
-5	L5	-5K	L5K	-5K	.3125-24 UNJF-3B	1.292	.609 .412	.500	.317	.125	.230	1.000	.130	.392	.372	.045	7,390	1.26
-6	L6	-	-	-	.375-24 UNJF-3B	1.292	.680 .475	.500	.379	.125	.230	1.000	.130	.455	.435	.055	11,450	1.55
-7	L7	-	-	-	.4375-20 UNJF-3B	1.477	.719 .672	.562	.442	.146	.230	1.125	.161	.517	.497	.115	15,450	3.30
-8	L8	-	-	-	.500-20 UNJF-3B	1.602	.859 .796	.625	.504	.146	.230	1.250	.161	.580	.560	.115	21,110	4.00

1/ MINIMUM "H" NOT SPECIFIED, LIMITED ONLY BY STRENGTH REQUIREMENTS OF SPECIFICATION.
 2/ DIMPLED RIVET HOLE TOLERANCE FOR "øK" IS +.015 - .000.

Ⓝ DENOTES CHANGE(S)

INCH-POUND

PREPARING ACTIVITY: DLA-IS
 CUSTODIANS: ARMY- AV NAVY- AS
 AIR FORCE- 11 DLA-
 REVIEW:
 USER: CR, MI
 PROJECT NUMBER: 5310-1949

MILITARY SPECIFICATION SHEET
 TITLE
 NUT, SELF-LOCKING, PLATE,
 TWO LUG, FLOATING, LOW HEIGHT STEEL,
 125 KSI Flu, 450° F

SPECIFICATION SHEET NUMBER
MS21059 1 FEB 94
 REV J
 SUPERSEDING
 MS21059H 30 OCT 89 (SEE NOTE 5.)
 AMSC- N/A FSC 5310

INTERCHANGEABILITY RELATIONSHIP

MS21059 NUTS CAN UNIVERSALLY REPLACE NAS686 AND NAS1031 NUTS OF LIKE MATERIAL, THREAD SIZE, LUBRICANT (DRY FILM OR NON-DRY FILM), RIVET SPACING AND FASTENING METHOD (PLAIN RIVET HOLES; DIMPLED OR COUNTERSUNK RIVET HOLES), BUT THESE NAS686 AND NAS1031 NUTS CANNOT UNIVERSALLY REPLACE MS21059 NUTS.

INTERCHANGEABILITY TABLE

CANCELLED PART NUMBERS	SUBSTITUTIVE PART NUMBERS	CANCELLED PART NUMBERS	SUBSTITUTIVE PART NUMBERS	CANCELLED PART NUMBERS	SUBSTITUTIVE PART NUMBERS
NAS686X04	MS21059-04	NAS1031X04	MS21059-04	NAS1031A3	MS21059L3
NAS686X04k	MS21059-04k	NAS1031X04k	MS21059-04k	NAS1031A3k	MS21059L3k
NAS686A04	MS21059L04	NAS1031A04	MS21059L04	NAS1031X4	MS21059-4
NAS686A04k	MS21059L04k	NAS1031A04k	MS21059L04k	NAS1031X4k	MS21059-4k
NAS686X06	MS21059-06	NAS1031X06	MS21059-06	NAS1031A4	MS21059L4
NAS686X06k	MS21059-06k	NAS1031X06k	MS21059-06k	NAS1031A4k	MS21059L4k
NAS686A06	MS21059L06	NAS1031A06	MS21059L06	NAS1031X5	MS21059-5
NAS686A06k	MS21059L06k	NAS1031A06k	MS21059L06k	NAS1031X5k	MS21059-5k
NAS686X08	MS21059-08	NAS1031X08	MS21059-08	NAS1031A5	MS21059L5
NAS686X08k	MS21059-08k	NAS1031X08k	MS21059-08k	NAS1031A5k	MS21059L5k
NAS686A08	MS21059L08	NAS1031A08	MS21059L08	NAS1031X6	MS21059-6
NAS686A08k	MS21059L08k	NAS1031A08k	MS21059L08k	NAS1031A6	MS21059L6
NAS686X3	MS21059-3	NAS1031X3	MS21059-3	NAS1031X7	MS21059-7
NAS686X3k	MS21059-3k	NAS1031X3k	MS21059-3k	NAS1031A7	MS21059L7
NAS686A3	MS21059L3			NAS1031X8	MS21059-8
NAS686A3k	MS21059L3k			NAS1031A8	MS21059L8
NAS686X4	MS21059-4				
NAS686X4k	MS21059-4k				
NAS686A4	MS21059L4				
NAS686A4k	MS21059L4k				
NAS686X5	MS21059-5				
NAS686X5k	MS21059-5k				
NAS686A5	MS21059L5				
NAS686A5k	MS21059L5k				
NAS686X6	MS21059-6				
NAS686A6	MS21059L6				

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DDSSS SPECIFIED IN THE SOLICITATION: MIL-H-25027

THIS SPECIFICATION IS APPROVED FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE.

PREPARING ACTIVITY: DLA-IS CUSTODIANS: ARMY - AV NAVY - AS AIR FORCE - 11 DLA	MILITARY SPECIFICATION SHEET TITLE NUT, SELF-LOCKING, PLATE, TWO LUG, FLOATING, LOW HEIGHT STEEL, 125 KSI Flt, 450° F	SPECIFICATION SHEET NUMBER MS21059 1 FEB 94 REV J
REVIEW USER: CR, MI PROJECT NUMBER: 5310-1949	SUPERSEDING MS21059H 30 OCT 89 (SEE NOTE 5.)	AMSC- N/A FSC 5310
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