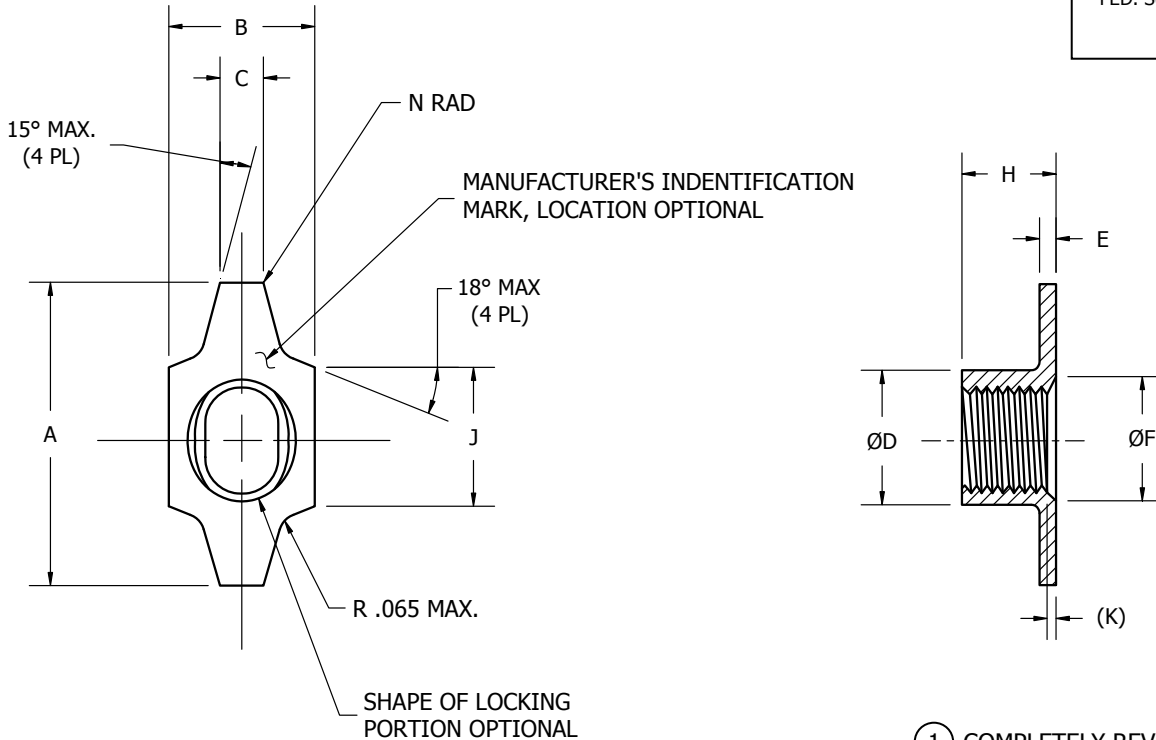


FED. SUPPLY CLASS

5310



① COMPLETELY REVISED

TABLE I – DIMENSIONS

SIZE DASH NO. /14/	SIZE AS8879	A ±.010	B MAX	C ±.010	ØD MAX	E +.010 -.000	ØF MIN	H MAX	J ±.010	(K)	N RAD MAX	AXIAL STRENGTH LBF MIN
04	.1120-40 UNJC-3B	.420	.245	.070	.165	.025	.116	.151	.224	.015	.018	750
06	.1380-32 UNJC-3B	.420	.245	.070	.195	.025	.142	.151	.224	.015	.018	1,130
08	.1640-32 UNJC-3B	.525	.350	.110	.225	.032	.168	.182	.295	.018	.040	1,720
3	.1900-32 UNJF-3B	.525	.350	.110	.250	.032	.194	.182	.295	.018	.040	2,460
4	.2500-28 UNJF-3B	.620	.435	.125	.325	.040	.254	.240	.367	.020	.040	4,580

MATERIAL:

NUT ELEMENT: STEEL AISI 1050 (UNS G10500) PER AMS5085 OR AISI 4130 (UNS G41300) PER AMS6351.

HEAT TREATMENT:

NUT ELEMENT: 49 HRC MAX.

FINISH:

NUT ELEMENT SHALL BE CADMIUM PLATED PER AMS-QQ-P-416. TYPE AND CLASS OPTIONAL PROVIDED THE ELEMENT MEETS THE SALT SPRAY REQUIREMENTS OF NASM25027.

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS14214, REVISION A. PART NUMBERS REMAIN MS14214.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION NASM25027	TITLE NUT ELEMENT, ATTACHED RETENTION ELEMENT (A.R.E.), 450 °F, STEEL, AISI 1050 OR 4130, 125 KSI Ft	CLASSIFICATION PART STANDARD NASM14214 SHEET 1 OF 2

LUBRICATION:

NUT ELEMENT SHALL BE DRY FILM LUBRICATED PER ~~MIL-PRF-46010~~ AS5272, TYPE I.

EXAMPLE OF PART NUMBER:

MS14214-08
 └───┬─── SIZE DASH NUMBER (.1640-32 UNJC-3B)
 └───┬─── BASIC PART NUMBER

NOTES:

- (1) THESE A.R.E. NUT ELEMENTS SHALL BE SELECTED AND USED IN ACCORDANCE WITH NASM33588.
- (2) MILITARY INSTALLATION AND TOOLS: NONE.
- (3) ASSEMBLED NUT ELEMENTS SHALL MEET TEST REQUIREMENTS OF NASM25027.
- (4) SURFACE ROUGHNESS SHALL NOT EXCEED 125 MICROINCHES Ra PER ASME B46.1.
- (5) NUT REPLACEABILITY: THE NUT ELEMENT SHALL BE CAPABLE OF BEING SNAPPED INTO AND REMOVED FROM A.R.E. MS14200 AND MS14201 NUT ASSEMBLIES USING THE PROPER PROCEDURES AND TOOLING.
- (6) REMOVE ALL BURRS AND SHARP EDGES.
- (7) DIMENSIONS IN INCHES AND APPLY AFTER FINISH AND PRIOR TO THE APPLICATION OF LUBRICATION UNLESS OTHERWISE SPECIFIED.
- (8) TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS $\pm .010$, ANGLES $\pm 5^\circ$.
- (9) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (10) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (11) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.
- (12) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- (13) NUT ELEMENTS WITHOUT MANUFACTURER'S IDENTIFICATION MAY BE FURNISHED FROM MANUFACTURER'S STOCK UNTIL DECEMBER 31, 1985.
- /14/ NUT ELEMENT DASH NUMBER IS THE SAME AS ASSEMBLY DASH NUMBER.

REVISION

1

NASM14214

SHEET 2

① COMPLETELY REVISED



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