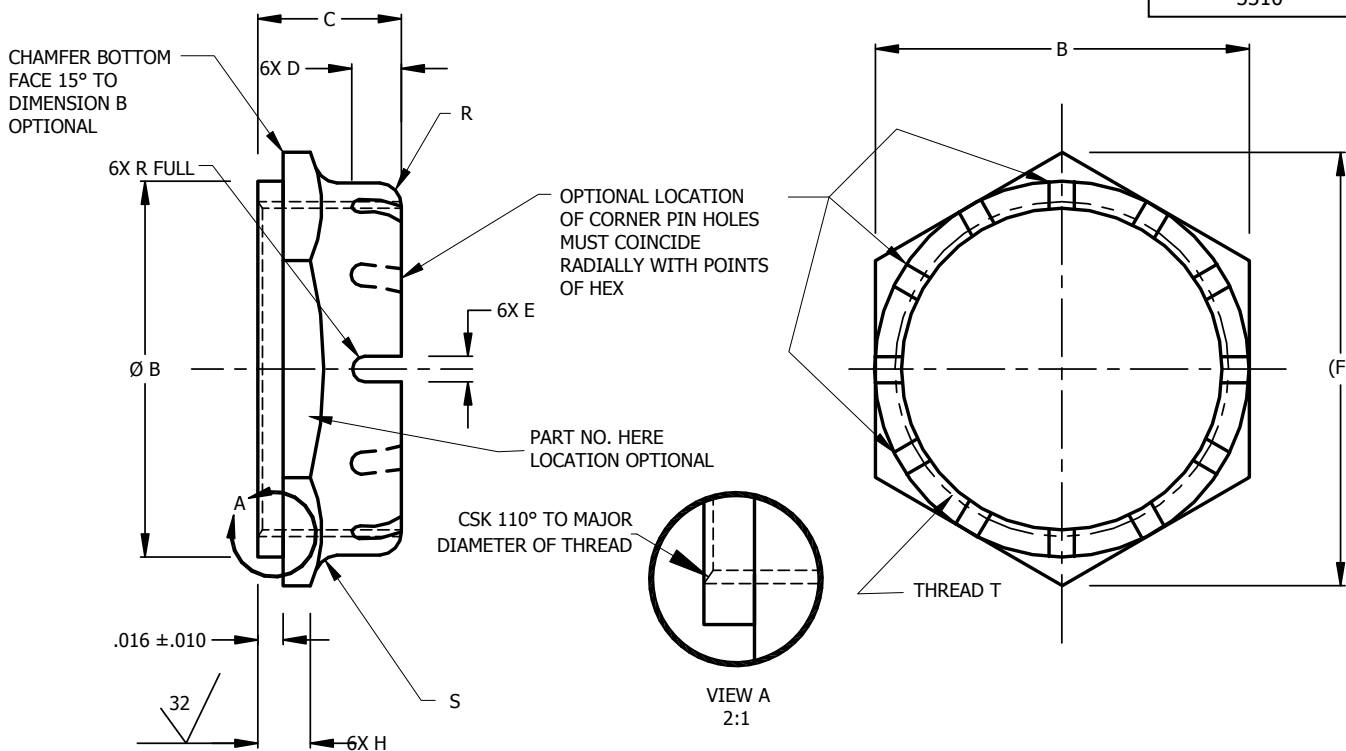


FED. SUPPLY CLASS

5310



① COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS21025, REVISION F. PART NUMBERS REMAIN MS21025.

THIRD ANGLE PROJECTION 	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION FF-N-836	TITLE NUT, CASTELLATED, HEXAGON	CLASSIFICATION PART STANDARD MSM21025 SHEET 1 OF 3

TABLE I – DIMENSIONS & DASH NUMBER

DASH NUMBER	THREAD T			ØB	C	D	E	(F)	H	R RAD	S RAD
	SIZE DESIGNATION UN-3B	PITCH DIAMETER									
15	.9375-16	.8969	+ .0049 − .0000	1.250	.531	.219	.156	1.448	.250	.062	.094
16	1.0000-16	.9594	+ .0049 − .0000	1.250	.500	.250	.156	1.448	.250	.062	.125
20	1.2500-16	1.2094	+ .0050 − .0000	1.500	.562	.250	.156	1.732	.250	.062	.125
23	1.4375-16	1.3969	+ .0051 − .0000	1.688	.562	.312	.156	1.948	.250	.062	.125
24	1.5000-16	1.4594	+ .0051 − .0000	1.750	.562	.312	.156	2.021	.250	.062	.125
28	1.7500-16	1.7094	+ .0052 − .0000	2.125	.562	.312	.172	2.454	.250	.062	.125
31	1.9375-16	1.8969	+ .0052 − .0000	2.250	.594	.312	.172	2.596	.250	.062	.125
32	2.0000-16	1.9594	+ .0052 − .0000	2.250	.656	.312	.172	2.596	.250	.062	.125
39	2.4375-16	2.3969	+ .0054 − .0000	2.875	.812	.406	.203	3.319	.250	.125	.188
47	2.9375-16	2.8969	+ .0054 − .0000	3.500	.812	.375	.203	4.060	.250	.125	.188
55	3.4375-16	3.3969	+ .0056 − .0000	4.000	1.000	.438	.203	4.619	.250	.125	.188
71	4.4375-16	4.3969	+ .0059 − .0000	5.000	1.500	.625	.203	5.774	.375	.125	.250

MATERIAL:

ALLOY STEEL GRADES 4140 (UNS G41400) OR 8740 (UNS G87400) IN ACCORDANCE WITH ASTM A 29/A 29M, AMS6382, AMS6322, AMS6325, AMS6327, OR AMS6349.

HEAT TREATMENT:

HEAT TREAT IN ACCORDANCE WITH AMS2759 AMS-H-6875 TO HRC 30-34.

FINISH:

CADMIUM PLATE IN ACCORDANCE WITH AMS-QQ-P-416 TYPE II, CLASS 2 OR ZINC PLATE IN ACCORDANCE WITH ASTM B633 TYPE III, Fe/Zn 8 OR 12.

CODE:

NO ADDITIONAL PART NUMBER CODE IS REQUIRED TO DESIGNATE CADMIUM PLATING. ALLOY STEEL NUTS REQUIRING ZINC PLATE ADD THE LETTER "Z" AT THE END OF THE PART NUMBER.

REVISION

1

① COMPLETELY REVISED



NAS21025

SHEET 2

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