

FED. SUPPLY CLASS

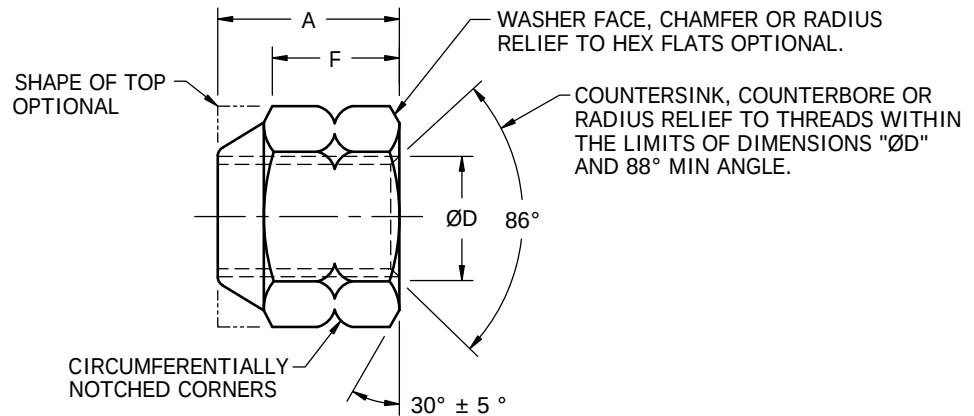
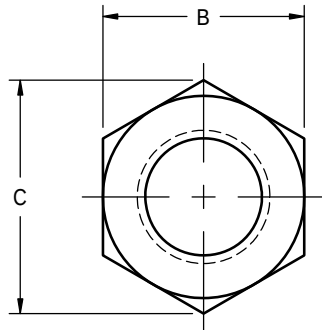
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AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
1000 WILSON BLVD.
ARLINGTON, VA 22209

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME
PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST
REVISION DATE:

REVISION DATE: FEBRUARY 29, 2012

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① COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS17829, REVISION E. PART NUMBERS REMAIN MS17829.

THIRD ANGLE PROJECTION 	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION NASM25027	TITLE NUT, SELF-LOCKING, HEXAGON, REGULAR HEIGHT, 250 °F, NON-METALLIC INSERT, NON-CRES STEEL ①	CLASSIFICATION PART STANDARD NASM17829 SHEET 1 OF 5

TABLE I – DIMENSIONS

SIZE DASH NUMBER	THREAD	A		B		C MIN	ØD ±.020	F MIN	BEARING SURFACE SQUARENESS
		MAX	MIN	MAX	MIN				
3C	10-24 UNC-3B	.281	.208	.376	.367	.410	.210	.085	.006
4C	1/4-20 UNC-3B	.360	.240	.439	.430	.482	.273	.116	.007
4F	1/4-28 UNF-3B	.360	.271	.502	.492	.552	.336	.123	.007
5C	5/16-18 UNC-3B	.360	.271	.502	.492	.552	.336	.123	.007
5F	5/16-24 UNF-3B	.360	.271	.502	.492	.552	.336	.123	.007
6C	3/8-16 UNC-3B	.469	.318	.564	.553	.622	.398	.153	.008
6F	3/8-24 UNF-3B	.469	.318	.564	.553	.622	.398	.153	.008
7C	7/16-14 UNC-3B	.469	.435	.690	.679	.766	.467	.178	.008
7F	7/16-20 UNF-3B	.469	.435	.690	.679	.766	.467	.178	.008
8C	1/2-13 UNC-3B	.610	.575	.752	.741	.837	.531	.221	.009
8F	1/2-20 UNF-3B	.610	.575	.752	.741	.837	.531	.221	.009
9C	9/16-12 UNC-3B	.704	.623	.877	.865	.978	.594	.243	.010
9F	9/16-18 UNF-3B	.704	.623	.877	.865	.978	.594	.243	.010
10C	5/8-11 UNC-3B	.766	.732	.940	.928	1.051	.656	.274	.010
10F	5/8-18 UNF-3B	.766	.732	.940	.928	1.051	.656	.274	.010
12C	3/4-10 UNC-3B	.891	.855	1.064	1.052	1.191	.782	.316	.010
12F	3/4-16 UNF-3B	.891	.855	1.064	1.052	1.191	.782	.316	.010
14C	7/8-9 UNC-3B	1.016	.965	1.252	1.239	1.403	.918	.570	.011
14F	7/8-14 UNF-3B	1.016	.965	1.252	1.239	1.403	.918	.570	.011
16C	1-8 UNC-3B	1.141	1.010	1.440	1.427	1.615	1.044	.635	.012
16F	1-12 UNF-3B	1.141	1.010	1.440	1.427	1.615	1.044	.635	.012
18C	1 1/8-7 UNC-3B	1.266	1.130	1.627	1.614	1.826	1.171	.710	.013
18N08	~~1 1/8-8 UN-3B~~	1.266	1.130	1.627	1.614	1.826	1.171	.710	.013
18F	1 1/8-12 UNF-3B	1.266	1.130	1.627	1.614	1.826	1.171	.710	.013
20C	1 1/4-7 UNC-3B	1.454	1.300	1.814	1.801	2.038	1.295	.795	.014
20N08	~~1 1/4-8 UN-3B~~	1.454	1.300	1.814	1.801	2.038	1.295	.795	.014
20F	1 1/4-12 UNF-3B	1.454	1.300	1.814	1.801	2.038	1.295	.795	.014
22C	1 3/8-6 UNC-3B	1.609	1.547	2.008	1.973	2.232	1.447	.890	.015
22N08	~~1 3/8-8 UN-3B~~	1.609	1.547	2.008	1.973	2.232	1.447	.890	.015
22F	1 3/8-12 UNF-3B	1.609	1.547	2.008	1.973	2.232	1.447	.890	.015
24C	1 1/2-6 UNC-3B	1.640	1.578	2.197	2.159	2.444	1.568	.980	.016
24N08	~~1 1/2-8 UN-3B~~	1.640	1.578	2.197	2.159	2.444	1.568	.980	.016
24F	1 1/2-12 UNF-3B	1.640	1.578	2.197	2.159	2.444	1.568	.980	.016
28C	1 3/4-5 UNC-3B	2.376	2.250	2.762	2.716	3.075	1.818	1.250	.018
28N08	~~1 3/4-8 UN-3B~~	2.376	2.250	2.762	2.716	3.075	1.818	1.250	.018
32C	2-4 1/2 UNC-3B	2.469	2.343	3.137	3.086	3.497	2.065	1.350	.020
32N08	~~2-8 UN-3B~~	2.469	2.343	3.137	3.086	3.497	2.065	1.350	.020
36C	2 1/4-4 1/2 UNC-3B	2.876	2.750	3.514	3.457	3.918	2.328	1.600	.020
36N08	~~2 1/4-8 UN-3B~~	2.876	2.750	3.514	3.457	3.918	2.328	1.600	.020
40C	2 1/2-4 UNC-3B	3.204	3.078	4.015	3.875	4.393	2.578	1.800	.020
40N08	~~2 1/2-8 UN-3B~~	3.204	3.078	4.015	3.875	4.393	2.578	1.800	.020

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FORM 09-01

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REVISION

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