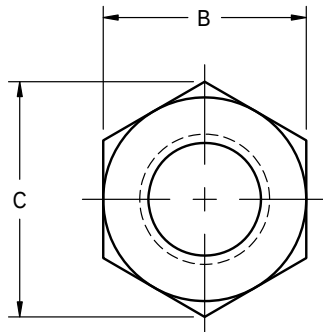


FED. SUPPLY CLASS

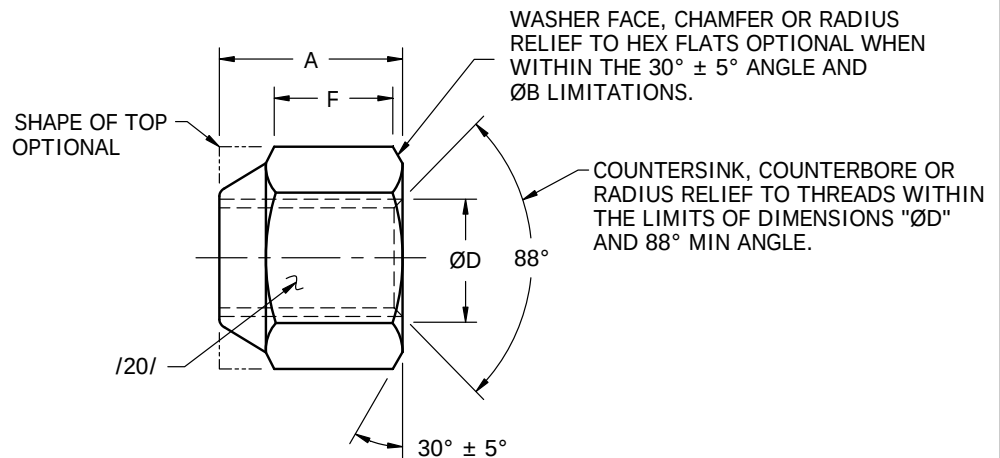
5310

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:



CONFIGURATION OF NUT OPTIONAL.
LIMITATIONS IMPOSED ONLY ON
DIMENSIONS AND REQUIREMENTS
SPECIFIED HEREIN.



① COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS17830, REVISION E. PART NUMBERS REMAIN MS17830.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION NASM25027	TITLE NUT, SELF-LOCKING, HEXAGON-REGULAR, 250 °F AND 450 °F, NON-METALLIC INSERT, 300 SERIES CRES	CLASSIFICATION PART STANDARD NASM17830 SHEET 1 OF 5

TABLE I – DASH NUMBERS, DIMENSIONS, AND SURFACE SQUARENESS

DASH NUMBER	NOMINAL THREAD SIZE	A		B		C MIN	ØD ±.020	F MIN	BEARING SURFACE SQUARENESS /13/
		MAX	MIN	MAX	MIN				
01C	.0730-64 UNJC-3B	.157	.133	.251	.243	.268	.095	.044	.005
02C	.0860-56 UNJC-3B	.157	.133	.251	.243	.268	.101	.044	.005
03C	.0990-48 UNJC-3B	.157	.133	.251	.243	.268	.122	.044	.005
04C	.1120-40 UNJC-3B	.157	.133	.251	.243	.268	.136	.044	.005
05C	.1250-40 UNJC-3B	.157	.133	.251	.243	.268	.149	.044	.005
06C	.1380-32 UNJC-3B	.188	.160	.313	.305	.339	.161	.061	.006
08C	.1640-32 UNJC-3B	.281	.219	.345	.336	.374	.188	.091	.006
010C	.1900-24 UNJC-3B	.281	.208	.376	.367	.410	.210	.085	.006
010F	.1900-32 UNJF-3B	.281	.208	.376	.367	.410	.210	.085	.006
012C	.2160-24 UNJC-3B	.328	.298	.439	.430	.482	.243	.099	.007
012F	.2160-28 UNJF-3B	.328	.298	.439	.430	.482	.243	.099	.007
4C	.2500-20 UNJC-3B	.360	.240	.439	.428	.482	.273	.116	.007
4F	.2500-28 UNJF-3B	.360	.240	.439	.428	.482	.273	.116	.007
5C	.3125-18 UNJC-3B	.360	.271	.502	.492	.552	.336	.123	.007
5F	.3125-24 UNJF-3B	.360	.271	.502	.492	.552	.336	.123	.007
6C	.3750-16 UNJC-3B	.469	.318	.564	.553	.622	.398	.153	.008
6F	.3750-24 UNJF-3B	.469	.318	.564	.553	.622	.398	.153	.008
7C	.4375-14 UNJC-3B	.469	.435	.690	.679	.766	.467	.178	.008
7F	.4375-20 UNJF-3B	.469	.435	.690	.679	.766	.467	.178	.008
8C	.5000-13 UNJC-3B	.610	.575	.752	.741	.837	.531	.221	.009
8F	.5000-20 UNJF-3B	.610	.575	.752	.741	.837	.531	.221	.009
9C	.5625-12 UNJC-3B	.704	.623	.877	.865	.978	.594	.243	.010
9F	.5625-18 UNJF-3B	.704	.623	.877	.865	.978	.594	.243	.010
10C	.6250-11 UNJC-3B	.766	.732	.940	.928	1.051	.656	.274	.010
10F	.6250-18 UNJF-3B	.766	.732	.940	.928	1.051	.656	.274	.010
12C	.7500-10 UNJC-3B	.891	.855	1.064	1.052	1.191	.782	.316	.010
12F	.7500-16 UNJF-3B	.891	.855	1.064	1.052	1.191	.782	.316	.010
14C	.8750-9 UNJC-3B	1.016	.965	1.252	1.239	1.403	.918	.570	.011
14F	.8750-14 UNJF-3B	1.016	.965	1.252	1.239	1.403	.918	.570	.011
16C	1.0000-8 UNJC-3B	1.141	1.010	1.440	1.427	1.615	1.044	.635	.012
16F	1.0000-12 UNJF-3B	1.141	1.010	1.440	1.427	1.615	1.044	.635	.012
18C	1.1250-7 UNJC-3B	1.266	1.130	1.627	1.614	1.826	1.171	.710	.013
18F	1.1250-12 UNJF-3B	1.266	1.130	1.627	1.614	1.826	1.171	.710	.013
18U	1.1250-8 UNJ-3B	1.266	1.130	1.627	1.614	1.826	1.171	.710	.013
20C	1.2500-7 UNJC-3B	1.454	1.300	1.814	1.801	2.038	1.295	.795	.014
20F	1.2500-12 UNJF-3B	1.454	1.300	1.814	1.801	2.038	1.295	.795	.014
20U	1.2500-8 UNJ-3B	1.454	1.300	1.814	1.801	2.038	1.295	.795	.014
22C	1.3750-6 UNJC-3B	1.609	1.547	2.008	1.973	2.232	1.447	.890	.015
22F	1.3750-12 UNJF-3B	1.609	1.547	2.008	1.973	2.232	1.447	.890	.015
22U	1.3750-8 UNJ-3B	1.609	1.547	2.008	1.973	2.232	1.447	.890	.015
24C	1.5000-6 UNJC-3B	1.640	1.578	2.197	2.159	2.444	1.568	.980	.016
24F	1.5000-12 UNJF-3B	1.640	1.578	2.197	2.159	2.444	1.568	.980	.016
24U	1.5000-8 UNJ-3B	1.640	1.578	2.197	2.159	2.444	1.568	.980	.016
28C	1.7500-5 UNJC-3B	2.376	2.250	2.762	2.715	3.075	1.818	1.250	.018
28U	1.7500-8 UNJ-3B	2.376	2.250	2.762	2.715	3.075	1.818	1.250	.018
32C	2.0000-4.5 UNJC-3B	2.469	2.343	3.137	3.086	3.497	2.065	1.350	.020
32U	2.0000-8 UNJ-3B	2.469	2.343	3.137	3.086	3.497	2.065	1.350	.020
36C	2.2500-4.5 UNJC-3B	2.876	2.750	3.514	3.457	3.918	2.328	1.600	.020
36U	2.2500-8 UNJ-3B	2.876	2.750	3.514	3.457	3.918	2.328	1.600	.020
40C	2.5000-4 UNJC-3B	3.204	3.078	4.015	3.875	4.393	2.578	1.800	.020
40U	2.5000-8 UNJ-3B	3.204	3.078	4.015	3.875	4.393	2.578	1.800	.020

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FORM 09-01

1 COMPLETELY REVISED

REVISION

1

NAS 17830

SHEET 2

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