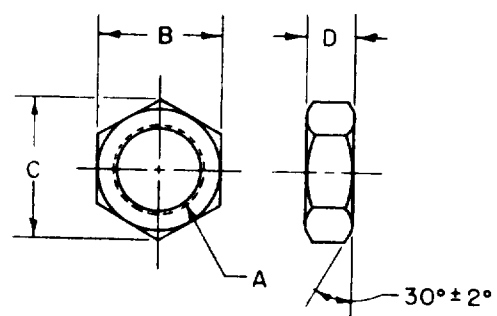


FED. SUP CLASS  
5310



REVIEWER: WC EL MI MO  
USER:

DASH NO. FOR CARBON STEEL	DASH NO. FOR CRES	A THREAD DESIGNATION	B WIDTH ACROSS FLATS			C WIDTH ACROSS CORNERS		D THICKNESS		
			NOM	MAX	MIN	MAX	MIN	NOM	MAX	MIN
S1	C1	1/4-20 UNC-2B-LH	7/16	0.4375	0.428	0.505	0.488	7/32	0.226	0.212
S2	C2	1/4-28 UNF-2B-LH								
S3	C3	5/16-18 UNC-2B-LH	1/2	.5000	.489	.577	.557	17/64	.273	.258
S4	C4	5/16-24 UNF-2B-LH								
S5	C5	3/8-16 UNC-2B-LH	9/16	.5625	.551	.650	.628	21/64	.337	.320
S6	C6	3/8-24 UNF-2B-LH								
S7	C7	1/2-13 UNC-2B-LH	3/4	.7500	.736	.866	.840	7/16	.448	.427
S8	C8	1/2-20 UNF-2B-LH								
S9	C9	5/8-11 UNC-2B-LH	15/16	.9375	.922	1.083	1.051	35/64	.559	.535
S10	C10	5/8-18 UNF-2B-LH								
S11	C11	3/4-10 UNC-2B-LH	1 1/8	1.1250	1.088	1.299	1.240	41/64	.665	.617
S12	C12	3/4-16 UNF-2B-LH								
S13	C13	7/8-9 UNC-2B-LH	1 5/16	1.3125	1.269	1.516	1.447	3/4	.776	.724
S14	C14	7/8-14 UNF-2B-LH								
S15	C15	1-8 UNC-2B-LH	1 1/2	1.5000	1.450	1.732	1.653	55/64	.887	.831
S16	C16	1-12 UNF-2B-LH								
S17	C17	1 1/8-7 UNC-2B-LH	1 11/16	1.6875	1.631	1.949	1.859	31/32	.999	.939
S18	C18	1 1/8-12 UNF-2B-LH								
S19	C19	1 1/4-7 UNC-2B-LH	1 7/8	1.8750	1.812	2.165	2.066	1 1/16	1.094	1.030
S20	C20	1 1/4-12 UNF-2B-LH								
S21	C21	1 1/2-6 UNC-2B-LH	2 1/4	2.2500	2.175	2.598	2.480	1 9/32	1.317	1.245
S22	C22	1 1/2-12 UNF-2B-LH								
S23	C23	1 3/4-5 UNC-2B-LH	2 5/8	2.6250	2.538	3.031	2.893	1 1/2	1.540	1.460
S24	C24	1 3/4-12 UNF-2B-LH								
S25	C25	2-4 1/2 UNC-2B-LH	3	3.0000	2.900	3.464	3.306	1 23/32	1.763	1.675
S26	C26	2-12 UNF-2B-LH								
S27	C27	2 1/2-4 UNC-2B-LH	3 3/4	3.7500	3.625	4.330	4.133	2 9/64	2.193	2.089
S28	C28	2 1/2-12 UNF-2B-LH								
S29	C29	2 3/4-4 UNC-2B-LH	4 1/8	4.1250	3.988	4.763	4.546	2 23/64	2.415	2.303
S30	C30	2 3/4-12 UNF-2B-LH								
S31	C31	3-4 UNC-2B-LH	4 1/2	4.5000	4.350	5.196	4.959	2 37/64	2.638	2.518
S32	C32	3-12 UNF-2B-LH								

THIS MILITARY STANDARD IS APPROVED BY THE WEAPONS COMMAND, DEPARTMENT OF THE ARMY AND IS MANDATORY FOR USE BY THAT ACTIVITY. ALL OTHER MILITARY ACTIVITIES ARE REQUIRED TO EMPLOY THIS STANDARD WHERE SUITABLE.

(A) SUPERSESSION DATA REMOVED.

P.A. - WC Other Cust	TITLE NUT, PLAIN - HEXAGON, FINISHED, LEFT HAND	MILITARY STANDARD <b>MS 45905 (WC)</b>
PROCUREMENT SPECIFICATION FF-N-836	SUPERSEDES:	SHEET 1 OF 2

DD FORM 1 SEP 57 672-1 (LIMITED COORDINATION)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

APPROVED 1 AUG 67 REVISED (A) 20 JAN 1965

FED. SUP CLASS  
**5310**

**MATERIAL:** STEEL, CARBON, IN ACCORDANCE WITH PROCUREMENT SPECIFICATION FF-N-836, GRADE B STEEL, CORROSION RESISTING, FEDERAL STANDARD 66, STEEL NUMBERS: 302, 303, 304, OR 305 (SEE NOTE 3)

**FINISH:** FOR CARBON STEEL - CADMIUM PLATE, FEDERAL SPECIFICATION QQ-P-416, TYPE II, CLASS 3 FOR CORROSION RESISTING STEEL - PASSIVATE IN ACCORDANCE WITH PROCUREMENT SPECIFICATION

**PART NUMBER:** THE MS PART NUMBER CONSISTS OF THE MS NUMBER PLUS THE DASH NUMBER, EXAMPLE MS45905S1 PREFIX "S" IN THE DASH NUMBER SIGNIFIES CARBON STEEL PREFIX "C" IN THE DASH NUMBER SIGNIFIES CORROSION RESISTING STEEL

**THREADS:** THE THREADS SHALL BE IN ACCORDANCE WITH SCREW THREAD STANDARDS FOR FEDERAL SERVICES HANDBOOK H-28

**NOTES:** (1) REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BIDS  
(2) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.  
(3) CORROSION RESISTING STEEL NUTS HAVE A MAGNETIC PERMEABILITY OF 2.0 MAXIMUM (AIR = 1.0) FOR A FIELD STRENGTH OF H = 200 OERSTEDS USING A MAGNETIC INDICATOR PER MIL-I-17214

REVIEWER: WC EL MI MO  
USER:

THIS MILITARY STANDARD IS APPROVED BY THE WEAPONS COMMAND, DEPARTMENT OF THE ARMY AND IS MANDATORY FOR USE BY THAT ACTIVITY. ALL OTHER MILITARY ACTIVITIES ARE REQUIRED TO EMPLOY THIS STANDARD WHERE SUITABLE.

APPROVED 1 AUG 61 REVISED (A) FOR CHANGES SEE SHEETS 1 AND 2.

(A) SUPERSESION DATA REMOVED.

P.A. - WC Other Cust	TITLE	MILITARY STANDARD
	NUT, PLAIN - HEXAGON, FINISHED, LEFT HAND	<b>MS 45905 (WC)</b>
PROCUREMENT SPECIFICATION FF-N-836	SUPERSEDES: (A)	SHEET 2 OF