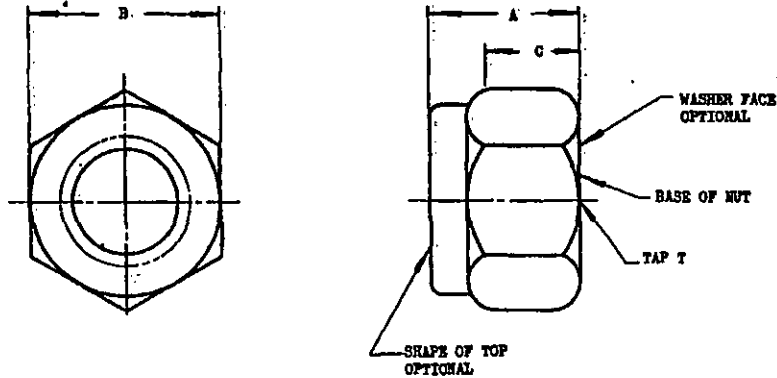


NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder of any other patent or copyright, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.



FINE THREAD

DASH NUMBER			TAP T	(a) A +.016	B +.002 -.010	(b) C MIN
STEEL	COPPER BASE ALLOY	AL ALLOY				
-1032	B1032	D1032	NO. 10-32 NF-3	.234	.375	.125
-428	B428	D428	1/4-28 NF-3	.312	.438	.175
-528	B528	D528	5/16-24 NF-3	.344	.500	.185
-628	B628	D628	3/8-24 NF-3	.453	.563	.260
-720	B720	D720	7/16-20 NF-3	.594	.625	.260
-820	B820	D820	1/2-20 NF-3	.594	.750	.375
-918	B918	D918	9/16-18 NF-3	.688	.875	.450
-1018	B1018	D1018	5/8-18 NF-3	.750	.938	.500
-1216	B1216	D1216	3/4-16 NF-3	.875	1.063	.570
-1414	B1414	D1414	7/8-14 NF-3	1.000	1.250	.650
-1614	B1614	D1614	1 - 1 1/8 NF-3	1.125	1.438	.730
-1812	B1812	D1812	1 - 1/8-12 NF-3	1.250	1.625	.810
-2012	B2012	D2012	1 - 1/8-12 NF-3	1.438	1.813	.930

COARSE THREAD

-110	B110	D110	NO. 4-40 NC-2	.141	.250	.080
-632	B632	D632	NO. 6-32 NC-2	.172	.312	.100
-832	B832	D832	NO. 8-32 NC-2	.234	.344	.125

(a) MINIMUM A NOT SPECIFIED. LIMITED ONLY BY STRENGTH REQUIREMENT OF SPECIFICATION.

(b) HEXAGON NOT REQUIRED TO EXTEND TO BASE OF NUT.

ADD A AFTER DASH NUMBER FOR NUTS HAVING NONMETALLIC INSERTS.

ADD C AFTER DASH NUMBER FOR NUTS FABRICATED ENTIRELY FROM METAL.

EXAMPLES OF PART NUMBERS: MS20365-428 = 1/4-28 STEEL NUT, EITHER ALL METAL OR WITH NONMETALLIC INSERT.
 MS20365DA28 = 1/4-28 ALUMINUM-ALLOY NUT, EITHER ALL METAL OR WITH NONMETALLIC INSERT.
 MS20365BA28A = 1/4-28 COPPER-BASE-ALLOY NUT WITH NONMETALLIC INSERT.
 MS20365-428C = 1/4-28 STEEL, ALL METAL NUT.

DIMENSIONS IN INCHES.

FOR INSTALLATION, SEE DRAWING AND10068.

THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

THIS DOCUMENT HAS BEEN PROMULGATED BY THE DEPARTMENT OF DEFENSE AS THE MILITARY STANDARD TO LIMIT THE SELECTION OF THE ITEM, PRODUCT, OR DESIGN COVERED HEREIN IN ENGINEERING, DESIGN, AND PROCUREMENT. THIS STANDARD SHALL BECOME EFFECTIVE NOT LATER THAN 90 DAYS AFTER THE LATEST DATE OF APPROVAL SHOWN.

CUSTODIANS Navy - BuAer Air Force	OTHER INT. A - N - AF -	MILITARY STANDARD		MS20365 (ASG)
		NUT, SELF-LOCKING, 250°F		
PROCUREMENT SPECIFICATION MIL-N-25027		SUPERSEDES: AN365		SHEET 1 OF 1