

FED. SUPPLY CLASS

5310

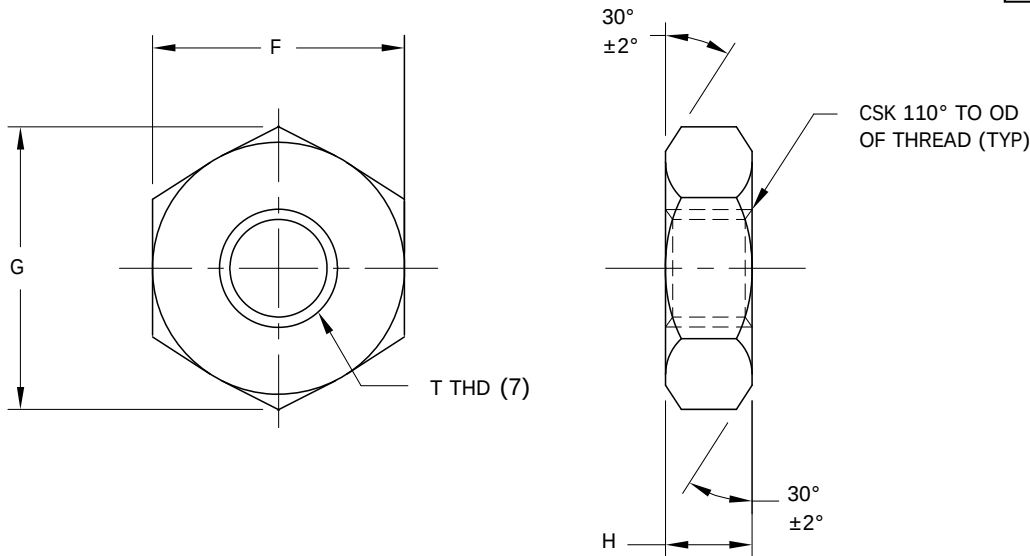


TABLE I – DASH NUMBERS AND DIMENSIONS

DASH NUMBER					T THREAD SIZE (7)	F		G		H	
CARBON STEEL		CRES STEEL	BRASS	COPPER SILICON ALLOY		WIDTH ACROSS FLATS		WIDTH ACROSS CORNERS		THICKNESS	
CAD	PHOS					MAX	MIN	MAX	MIN	MAX	MIN
222	23	224	225	226	.0860-56 UNC-2B	.187	.180	.217	.205	.066	.057
242	43	244	245	246	.1120-40 UNC-2B	.250	.241	.289	.275	.098	.087
262	63	264	265	266	.1380-32 UNC-2B	.312	.302	.361	.344	.114	.102
282	83	284	286	287	.1640-32 UNC-2B	.344	.332	.397	.378	.130	.117
202	103	204	205	206	.1900-24 UNC-2B	.375	.362	.433	.413	.130	.117
2252	-	2254	2255	2256	.2500-20 UNC-2B	.437	.423	.505	.482	.193	.178
2312	-	2314	2315	2316	.3125-18 UNC-2B	.562	.545	.650	.621	.225	.208
2382	-	2384	2385	2386	.3750-16 UNC-2B	.625	.607	.722	.692	.257	.239

MATERIAL: CARBON STEEL PER PROCUREMENT SPECIFICATION.

CRES, SERIES 302 THRU 305 (UNS S30200 THRU UNS S30500), AND TYPES 316 (UNS S31600), 317 (UNS S31700) AND 347 (UNS S34700) PER PROCUREMENT SPECIFICATION.

BRASS, ALLOY 462 (UNS C46200), 464 (UNS C46400) OR 360 (UNS C36000) PER PROCUREMENT SPECIFICATION.

COPPER SILICON ALLOY, 651 (UNS C65100) PER PROCUREMENT SPECIFICATION.

① COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS35649, REVISION H, AMENDMENT 1. PART NUMBERS REMAIN MS35649.

THIRD ANGLE PROJECTION		CUSTODIAN		REVISION	
		NATIONAL AEROSPACE STANDARDS COMMITTEE		1	
PROCUREMENT SPECIFICATION	FF-N-836	TITLE		CLASSIFICATION PART STANDARD	
		NUT, PLAIN, HEXAGON, MACHINE SCREW, UNC-2B		MS35649	



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SHEET 1 OF 4

FINISH: CARBON STEEL - CADMIUM PLATING PER AMS-QQ-P-416, TYPE II, CLASS 2.
PHOSPHATE COATING PER PROCUREMENT SPECIFICATION.

CRES - PASSIVATED PER AMS2700, METHOD 1, TYPE 2 FOR 302 CRES AND TYPE 6 OR 7 FOR
ALL OTHER 300 SERIES CRES, CLASS 1.
BLACK OXIDE COATING PER MIL-DTL-13924, CLASS 4.

BRASS - BLACK OXIDE COATED PER PROCUREMENT SPECIFICATION. (8)
TIN PLATED PER ASTM B 545, .0001 INCH THICK.
SILVER PLATED PER ASTM B 700, .0001 INCH THICK.
NICKEL PLATED PER PROCUREMENT SPECIFICATION.

COPPER-SILICON - NONE.

PART NUMBER: THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER
TAKEN FROM TABLE I, FOLLOWED BY THE FINISH CODE LETTERS ("B" FOR BLACK OXIDE), ("N" FOR
NICKEL PLATED), ("S" FOR SILVER PLATED), ("T" FOR TIN PLATED) EXCEPT THAT NO FINISH CODE
SUFFIX SHALL BE PERMITTED WITH CADMIUM PLATED OR PHOSPHATE COATED CARBON STEEL.

EXAMPLE OF PART NUMBER:

MS35649 - 225 B

OPTIONAL FINISH CODE (SEE FINISH SECTION)

"B" BLACK OXIDE (APPLICABLE TO CRES AND BRASS ONLY) (8)

"N" NICKEL PLATED (APPLICABLE TO BRASS ONLY)

"S" SILVER PLATED (APPLICABLE TO BRASS ONLY)

"T" TIN PLATED (APPLICABLE TO BRASS ONLY)

NO CODE LETTER FOR CADMIUM PLATED OR PHOSPHATE COATED CARBON
STEEL (SEE TABLE I) SINCE DASH NUMBER DOES NOT ALLOW OTHER
ADDITIONAL FINISH COATING.

DASH NUMBER FROM TABLE I

BASIC MS NUMBER

MS35649-225B - NUT, PLAIN, HEXAGON, MACHINE SCREW, THREAD SIZE .0860-56 UNC-2B; BRASS, BLACK OXIDE
COATED.
MS35469-63 - NUT, PLAIN HEXAGON, MACHINE SCREW, THREAD SIZE .1380-32 UNC-2B; CARBON STEEL,
PHOSPHATE COATED

NOTES:

1. DIMENSIONS ARE IN INCHES.
2. REMOVE ALL BURRS AND SHARP EDGES.
3. NUTS SPECIFIED HEREIN ARE TYPE II, STYLE 13 IN ACCORDANCE WITH PROCUREMENT
SPECIFICATION.
4. THIS STANDARD TAKES PRECEDENT OVER STANDARDS REFERENCED HEREIN.
5. REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

① COMPLETELY REVISED

REVISION

1

MS35649

SHEET 2



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