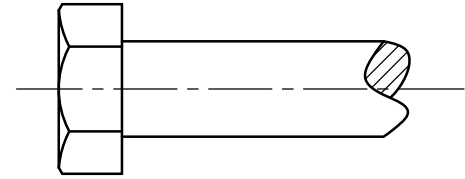
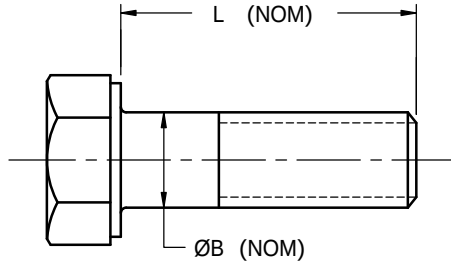
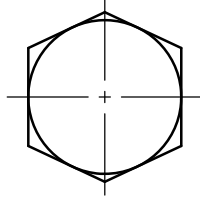


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OPTIONAL DESIGN

FED. SUPPLY CLASS

5305

TABLE I – DASH NUMBERS /3/

ØB NOM SIZE	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1-1/8	1-1/4	1-3/8	1-1/2
THREADS PER INCH UNC-2A	20	18	16	14	13	11	10	9	8	7	7	6	6
L NOM LENGTH	DASH NUMBERS												
1/4	1	—	—	—	—	—	—	—	—	—	—	—	—
3/8	2	25	46	—	—	—	—	—	—	—	—	—	—
1/2	3	26	47	76	100	—	—	—	—	—	—	—	—
5/8	4	27	48	—	—	—	—	—	—	—	—	—	—
3/4	5	28	49	77	101	135	161	195	—	—	—	—	—
7/8	6	29	50	—	—	—	—	—	—	—	—	—	—
1	7	30	51	78	102	136	162	196	226	256	281	320*	360*
1-1/4	8	31	52	79	103	137	163	197	227	257	282	321*	361*
1-1/2	9	32	53	80	104	138	164	198	228	258	283	322*	362*
1-3/4	10	33	54	81	105	139	165	199	229	259	284	323*	363*
2	11	34	55	82	106	140	166	200	230	260	285	324*	364*
2-1/4	12	35	56	83	107	141	167	201	231	261	286	325*	365*
2-1/2	13	36	57	84	108	142	168	202	232	262	287	326*	366*
2-3/4	14	37	58	85	109	143	169	203	233	263	288	327*	367*
3	15	38	59	86	110	144	170	204	234	264	289	328*	368*
3-1/4	16	39	60	87	111	145	171	205	235	265	290	329*	369*
3-1/2	17	40	61	88	112	146	172	206	236	266	291	330*	370*
3-3/4	18	41	62	89	113	147	173	207	237	267	292	331*	371*
4	19	42	63	90	114	148	174	208	238	268	293	332*	372*
4-1/4	20*	43*	64	91	115	149	175	209	239	269	294	333*	373*
4-1/2	21*	44*	65	92	116	150	176	210	240	270	295	334*	374*
4-3/4	22*	45*	66	93	117	151	177	211	241	271	296	335*	375*
5	23*	—	67	94	118	152	178	212	242	272	297	336*	376*
5-1/2	—	—	68	—	119	153	179	213	243	273	298	337*	377*
6	24*	—	69	—	120	154	180	214	244	274	299	338*	378*
6-1/2	—	—	70	—	121	155	181	215	245	275*	300*	339*	379*
7	—	—	71	—	122	156	182	216	246	276*	301*	340*	380*
7-1/2	—	—	—	—	123	157	183	217	247	277*	302*	341*	381*
8	—	—	—	—	124*	158	184	218	248	278*	303*	342*	382*
9	—	—	—	—	125	159*	185	219	249	279*	304*	343*	383*
10	—	—	—	—	126*	160*	186	220	250	280*	305*	344*	384*
11	—	—	—	—	127*	—	187	221*	251*	420*	306*	345*	385*
12	—	—	—	—	128	—	188	222*	252*	421*	307*	346*	386*
13	—	—	—	—	—	—	189	223*	253*	422*	308*	347*	387*
14	—	—	—	—	—	—	190	224*	254*	423*	309*	348*	388*
15	—	—	—	—	—	—	191	225*	255*	424*	310*	349*	389*
16	—	—	—	—	—	—	192	400*	410*	425*	311*	350*	390*
18	—	—	—	—	—	—	193	401*	411*	426*	312*	351*	391*
20	—	—	—	—	—	—	194	402*	412*	427*	313*	352*	392*

REINSTATED AFTER OCT 30, 2006. COMPLETELY REVISED.

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS16208, REVISION B. PART NUMBERS REMAIN MS16208.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 3
PROCUREMENT SPECIFICATION MIL-DTL-1222	TITLE BOLT, TENSION, HEXAGON HEAD, FINISHED, CRES, UNC-2A, NON-MAGNETIC, 75 KSI FTU	CLASSIFICATION PART STANDARD MS16208



Document
SHEET 1 OF 3

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MATERIAL:

AUSTENITIC CRES BOLTS SHALL BE MANUFACTURED ONLY FROM ONE OF THE FOLLOWING MATERIALS IN ACCORDANCE WITH THE CHEMICAL COMPOSITIONS AND MECHANICAL PROPERTIES SPECIFIED IN MIL-DTL-1222:

TYPE 304 (UNS S30400) PER MIL-DTL-1222, ASTM A193/A193M OR ASTM F593.
TYPE 304L (UNS S30403) PER MIL-DTL-1222 OR ASTM F593.
TYPE 305 (UNS S30500) PER MIL-DTL-1222 OR ASTM F593.
TYPE 316 (UNS S31600) PER MIL-DTL-1222 OR ASTM F593.
TYPE 316L (UNS S31603) PER MIL-DTL-1222 OR ASTM F593.
TYPE 384 (UNS S38400) PER MIL-DTL-1222 OR ASTM F593.
TYPE 18-9LW (UNS S30430) PER MIL-DTL-1222 OR ASTM A493.

FINISH:

PASSIVATE IN ACCORDANCE WITH AMS2700, METHOD 1, CLASS 4, TYPE 6 OR TYPE 7.

CODE:

THE PART NUMBER SHALL CONSIST OF THE BASIC PART NUMBER, FOLLOWED BY A DASH NUMBER FROM TABLE I AND A MATERIAL CODE (IF APPLICABLE).
FOR 300 SERIES CRES: NO CODE AFTER DASH NUMBER INDICATES ANY 300 SERIES AUSTENITIC CRES LISTED IN THE MATERIAL SECTION ABOVE.
FOR TYPE 316 OR TYPE 316L CRES: "S316" AFTER DASH NUMBER INDICATES AUSTENITIC CRES TYPE 316 OR TYPE 316L ONLY.

EXAMPLES OF PART NUMBER:

MS16208-301 = BOLT, CAP, HEXAGON HEAD, 300 SERIES AUSTENITIC CRES, PASSIVATED;
1.25-7 UNC-2A NOMINAL THREAD SIZE, 7" LENGTH.
MS16208-301S316 = BOLT, CAP, HEXAGON HEAD, TYPE 316 OR TYPE 316L AUSTENITIC CRES,
PASSIVATED; 1.25-7 UNC-2A NOMINAL THREAD SIZE, 7" LENGTH.

NOTES:

- (1) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (2) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.
- /3/ AN ASTERISK "*" INDICATES SIZES THAT HAVE BEEN ADDED, AND MAY NOT BE AVAILABLE EXCEPT BY SPECIAL ORDER.
- (4) BOLTS SHALL BE HEX HEAD CAP SCREWS WITH DIMENSIONS AS GIVEN IN ASME B18.2.1.

REVISION

3

③ COMPLETELY REVISED



NAS 16208

SHEET 2

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