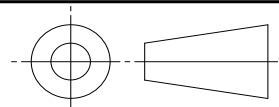


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REV. C	FEDERAL SUPPLY CLASS 5306	
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CUSTODIAN: E-25		PROCUREMENT SPECIFICATION: MA3375
	METRIC AEROSPACE STANDARD BOLT, MACHINE-HEX HEAD-PD SHANK MJ THREAD, AMS6322, CADMIUM PLATE, METRIC	MA3289 REV. C

ISSUED 1987-12 NONCURRENT 1996-11 REAFFIRMED NONCURRENT 2006-05 REVISED 2009-06 STABILIZED 2014-08

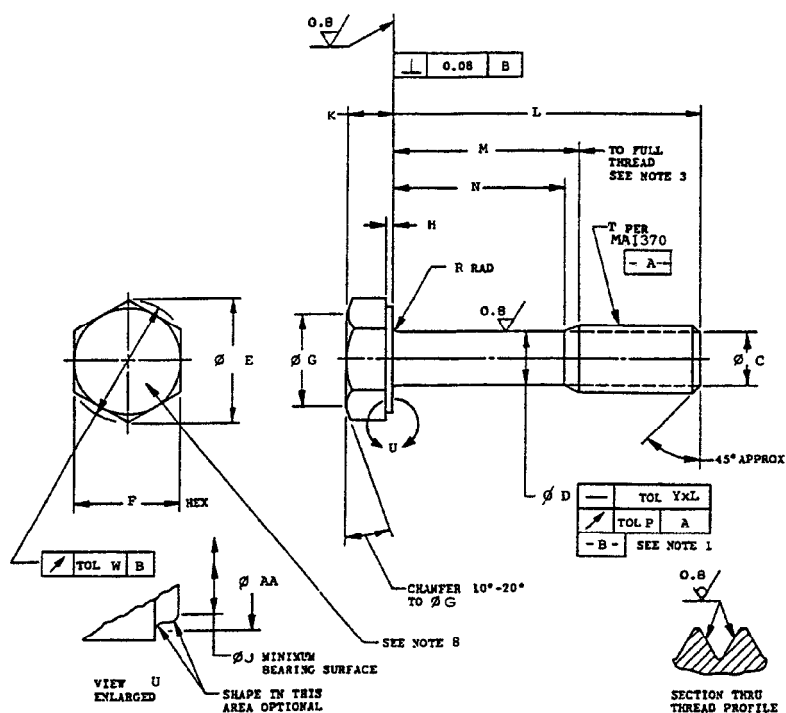


FIGURE 1 - BOLT

INACTIVE /15/

	METRIC AEROSPACE STANDARD	MA3289	REV.
	BOLT, MACHINE-HEX HEAD-PD SHANK MJ THREAD, AMS6322, CADMIUM PLATE, METRIC	SHEET 1 OF 8	Documents



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TABLE 1 - PART NO AND DIMENSIONS

PART NUMBER SEE NOTE 7	NOM DIA REF	THREAD T	C	K	E MIN	F	G MIN
MA3289-030XXX	3	MJ3x0.5-4h6h	1.8 - 2.3	3.1 - 3.4	7.6	6.85 - 7.00	6.5
MA3289-040XXX	4	MJ4x0.7-4h6h	2.6 - 3.1	3.6 - 3.9	8.7	7.85 - 8.00	7.5
MA3289-050XXX	5	MJ5x0.8-4h6h	3.0 - 4.0	2.7 - 3.0	9.8	8.78 - 9.00	8.4
MA3289-060XXX	6	MJ6x1-4h6h	3.7 - 4.7	3.2 - 3.5	12.0	10.73 - 11.00	10.3
MA3289-070XXX	7	MJ7x1-4h6h	4.7 - 5.7	3.7 - 4.0	13.2	11.73 - 12.00	11.3
MA3289-080XXX	8	MJ8x1-4h6h	5.7 - 6.7	4.2 - 4.5	15.5	13.73 - 14.00	13.3
MA3289-100XXX	10	MJ10x1.25-4h6h	7.4 - 8.4	4.7 - 5.0	18.9	16.73 - 17.00	16.3
MA3289-120XXX	12	MJ12x1.25-4h6h	9.4 - 10.4	5.7 - 6.0	21.1	18.67 - 19.00	18.3
MA3289-140XXX	14	MJ14x1.5-4h6h	11.1 - 12.1	6.7 - 7.0	24.5	21.67 - 22.00	21.3
MA3289-160XXX	16	MJ16x1.5-4h6h	13.1 - 14.1	7.7 - 8.0	26.8	23.67 - 24.00	23.3
MA3289-180XXX	18	MJ18x1.5-4h6h	15.1 - 16.1	8.7 - 9.0	30.2	26.67 - 27.00	26.3
MA3289-200XXX	20	MJ20x1.5-4h6h	17.1 - 18.1	9.7 - 10.0	33.6	29.67 - 30.00	29.3

PART NUMBER SEE NOTE 7	NOM DIA REF	H	J MIN	D	P	R	W	Y	AA MAX
MA3289-030XXX	3	0.2 - 0.5	6.4	2.55 - 2.81	0.10	0.2 - 0.4	0.15	0.0030	7.25
MA3289-040XXX	4	0.2 - 0.5	7.4	3.42 - 3.68	0.12	0.2 - 0.4	0.20	0.0030	8.25
MA3289-050XXX	5	0.2 - 0.5	8.3	4.35 - 4.61	0.12	0.3 - 0.5	0.25	0.0030	9.25
MA3289-060XXX	6	0.2 - 0.5	10.2	5.22 - 5.48	0.12	0.5 - 0.7	0.30	0.0030	11.25
MA3289-070XXX	7	0.2 - 0.5	11.2	6.22 - 6.48	0.15	0.5 - 0.7	0.35	0.0030	12.25
MA3289-080XXX	8	0.3 - 0.6	13.2	7.22 - 7.48	0.15	0.5 - 0.7	0.40	0.0030	14.25
MA3289-100XXX	10	0.3 - 0.6	16.0	9.06 - 9.32	0.15	0.6 - 0.8	0.50	0.0025	17.25
MA3289-120XXX	12	0.3 - 0.6	18.0	11.06 - 11.32	0.18	0.6 - 0.9	0.60	0.0025	19.25
MA3289-140XXX	14	0.3 - 0.6	21.0	12.90 - 13.16	0.18	0.8 - 1.1	0.70	0.0025	22.25
MA3289-160XXX	16	0.3 - 0.6	23.0	14.90 - 15.16	0.18	0.8 - 1.1	0.75	0.0025	24.25
MA3289-180XXX	18	0.3 - 0.6	26.0	16.90 - 17.16	0.18	1.0 - 1.3	0.75	0.0025	27.25
MA3289-200XXX	20	0.3 - 0.6	29.0	18.90 - 19.16	0.21	1.0 - 1.3	0.75	0.0025	30.25

TABLE 2 - DASH NO, DIMENSIONS L, M AND N

L LENGTH	MJ3x0.5-4h6h				MJ4x0.7-4h6h			
	DASH NO. SEE NOTE	M MAX	N MIN	APPROX MASS kg/100	DASH NO. SEE NOTE	M MAX	N MIN	APPROX MASS kg/100
3.7 - 4.3	030004	1.4	0.4	0.111	-	-	-	-
5.7 - 6.3	030006	1.4	0.4	0.119	040006	1.8	0.4	0.189
7.7 - 8.3	030008	1.4	0.4	0.126	040008	1.8	0.4	0.203
9.7 - 10.3	030010	1.4	0.4	0.135	040010	1.8	0.4	0.218
11.7 - 12.3	030012	1.4	0.4	0.144	040012	1.8	0.4	0.232
13.7 - 14.3	030014	2.0	0.4	0.153	040014	1.8	0.4	0.247
15.7 - 16.3	030016	4.0	1.5	0.161	040016	2.0	0.4	0.261
17.7 - 18.3	030018	6.0	3.5	0.170	040018	4.0	1.1	0.276
19.7 - 20.3	030020	8.0	5.5	0.179	040020	6.0	3.1	0.291
21.7 - 22.3	030022	10.0	7.5	0.188	040022	8.0	5.1	0.305
23.7 - 24.3	030024	12.0	9.5	0.196	040024	10.0	7.1	0.320
25.7 - 26.3	030026	14.0	11.5	0.205	040026	12.0	9.1	0.334
27.7 - 28.3	030028	16.0	13.5	0.214	040028	14.0	11.1	0.349
29.7 - 30.3	030030	18.0	15.5	0.223	040030	16.0	13.1	0.364
31.7 - 32.3	030032	20.0	17.5	0.231	040032	18.0	15.1	0.378
33.7 - 34.3	030034	22.0	19.5	0.240	040034	20.0	17.1	0.393
35.7 - 36.3	030036	24.0	21.5	0.249	040036	22.0	19.1	0.407
37.7 - 38.3	030038	26.0	23.5	0.258	040038	24.0	21.1	0.422
39.7 - 40.3	030040	28.0	25.5	0.266	040040	26.0	23.1	0.436
41.7 - 42.3	030042	30.0	27.5	0.275	040042	28.0	25.1	0.451
43.7 - 44.3	-	-	-	-	040044	30.0	27.1	0.466
45.7 - 46.3	-	-	-	-	040046	32.0	29.1	0.480
47.7 - 48.3	-	-	-	-	040048	34.0	31.1	0.495
49.7 - 50.3	-	-	-	-	040050	36.0	33.1	0.509
51.7 - 52.3	-	-	-	-	040052	38.0	35.1	0.524
53.7 - 54.3	-	-	-	-	040054	40.0	37.1	0.539
55.7 - 56.3	-	-	-	-	040056	42.0	39.1	0.553



METRIC AEROSPACE STANDARD

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