

FIGURE REDRAWN, USAGE NOTE ADDED, TABLES REDRAWN TO MAKE READABLE, AND SPECS UPDATED.



PROCUREMENT SPECIFICATION : MA3374



SAE WEB ADDRESS: <http://www.sae.org>

TABLE 1 - DIMENSIONS

PART NUMBER /9/	NOM DIA REF	THREAD T	C	D	E MAX	G MIN	H MIN	J H13
MA3342-4XXX	4	MJ4x0.7-4h6h	2.6- 3.1	5.02- 5.50	8.3	6	7.5	1.00-1.14
MA3342-5XXX	5	MJ5x0.8-4h6h	3.0- 4.0	5.92- 6.50	9.1	7	8.3	1.00-1.14
MA3342-6XXX	6	MJ6x1-4h6h	3.7- 4.7	6.92- 7.50	10.6	8	9.8	1.40-1.54
MA3342-7XXX	7	MJ7x1-4h6h	4.7- 5.7	7.62- 8.20	12.1	9	11.3	1.40-1.54
MA3342-8XXX	8	MJ8x1-4h6h	5.7- 6.7	8.02- 8.60	13.6	10	12.8	1.40-1.54
MA3342-10XXX	10	MJ10x1.25-4h6h	7.4- 8.4	9.40-10.10	15.5	12	2.0	1.60-1.74
MA3342-12XXX	12	MJ12x1.25-4h6h	9.4-10.4	10.70-11.40	18.9	14	2.2	1.60-1.74

TABLE 1 - DIMENSIONS (CONTINUED)

PART NUMBER /7/	K h12	R	U	V	Y MIN	AA	AB	AC	WRENCHING CONFIGURATION DASH NO. /7/
MA3342-4XXX	3.88- 4.00	0.2-0.4			2.5	0.0030	0.10	0.12	06
MA3342-5XXX	4.88- 5.00	0.3-0.5	2.5-2.9	3.2-3.7	2.8	0.0030	0.13	0.12	07
MA3342-6XXX	5.88- 6.00	0.5-0.7	2.8-3.2	4.1-4.6	3.5	0.0030	0.15	0.12	08
MA3342-7XXX	6.85- 7.00	0.5-0.7	3.3-3.7	4.9-5.4	3.8	0.0030	0.18	0.15	09
MA3342-8XXX	7.85- 8.00	0.5-0.7	3.7-4.1	5.2-5.7	3.9	0.0030	0.20	0.15	10
MA3342-10XXX	9.85-10.00	0.6-0.8	4.7-5.1	6.7-7.2	4.2	0.0025	0.25	0.15	12
MA3342-12XXX	11.82-12.00	0.6-0.9	5.6-6.0	8.0-8.5	4.5	0.0025	0.30	0.18	14



METRIC AEROSPACE STANDARD

(R) BOLT, MACHINE-SPLINE EXTENDED WASHER,
FULL SHANK, DRILLED, LONG THREAD,
AMS5731 SIMILAR TO UNS S66286, METRIC

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TABLE 2 - MJ4X0.7 AND MJ5X0.8 DIMENSIONS

L	MJ4x0.7-4h6h				MJ5x0.8-4h6h			
	DASH NUMBER /8/	M MAX	N MIN	MASS KG/100	DASH NUMBER /8/	M MAX	N MIN	MASS KG/100
19.7-20.3	040020	6.0	3.1	0.305				
21.7-22.3	040022	8.0	5.1	0.324	050022	6.0	2.9	0.481
23.7-24.3	040024	10.0	7.1	0.343	050024	8.0	4.9	0.512
25.7-26.3	040026	12.0	9.1	0.363	050026	10.0	6.9	0.542
27.7-28.3	040028	14.0	11.1	0.382	050028	12.0	8.9	0.572
29.7-30.3	040030	16.0	13.1	0.401	050030	14.0	10.9	0.603
31.7-32.3	040032	18.0	15.1	0.420	050032	16.0	12.9	0.633
33.7-34.3	040034	20.0	17.1	0.440	050034	18.0	14.9	0.664
35.7-36.3	040036	22.0	19.1	0.459	050036	20.0	16.9	0.695
37.7-38.3	040038	24.0	21.1	0.478	050038	22.0	18.9	0.725
39.7-40.3	040040	26.0	23.1	0.498	050040	24.0	20.9	0.755
41.7-42.3	040042	28.0	25.1	0.517	050042	26.0	22.9	0.786
43.7-44.3	040044	30.0	27.1	0.536	050044	28.0	24.9	0.816
45.7-46.3	040046	32.0	29.1	0.554	050046	30.0	26.9	0.848
47.7-48.3	040048	34.0	31.1	0.574	050048	32.0	28.9	0.878
49.7-50.3	040050	36.0	33.1	0.593	050050	34.0	30.9	0.909
51.7-52.3	040052	38.0	35.1	0.612	050052	36.0	32.9	0.939
53.7-54.3	040054	40.0	37.1	0.632	050054	38.0	34.9	0.970
55.7-56.3	040056	42.0	39.1	0.651	050056	40.0	36.9	1.000
57.7-58.3					050058	42.0	38.9	1.031
59.7-60.3					050060	44.0	40.9	1.062
63.7-64.3					050064	48.0	44.9	1.122
67.7-68.3					050068	52.0	48.9	1.182


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