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**REV. A**

**MA3386**

FEDERAL SUPPLY CLASS  
5307

**RATIONALE**

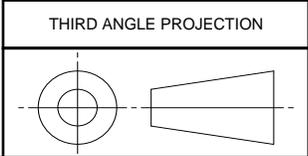
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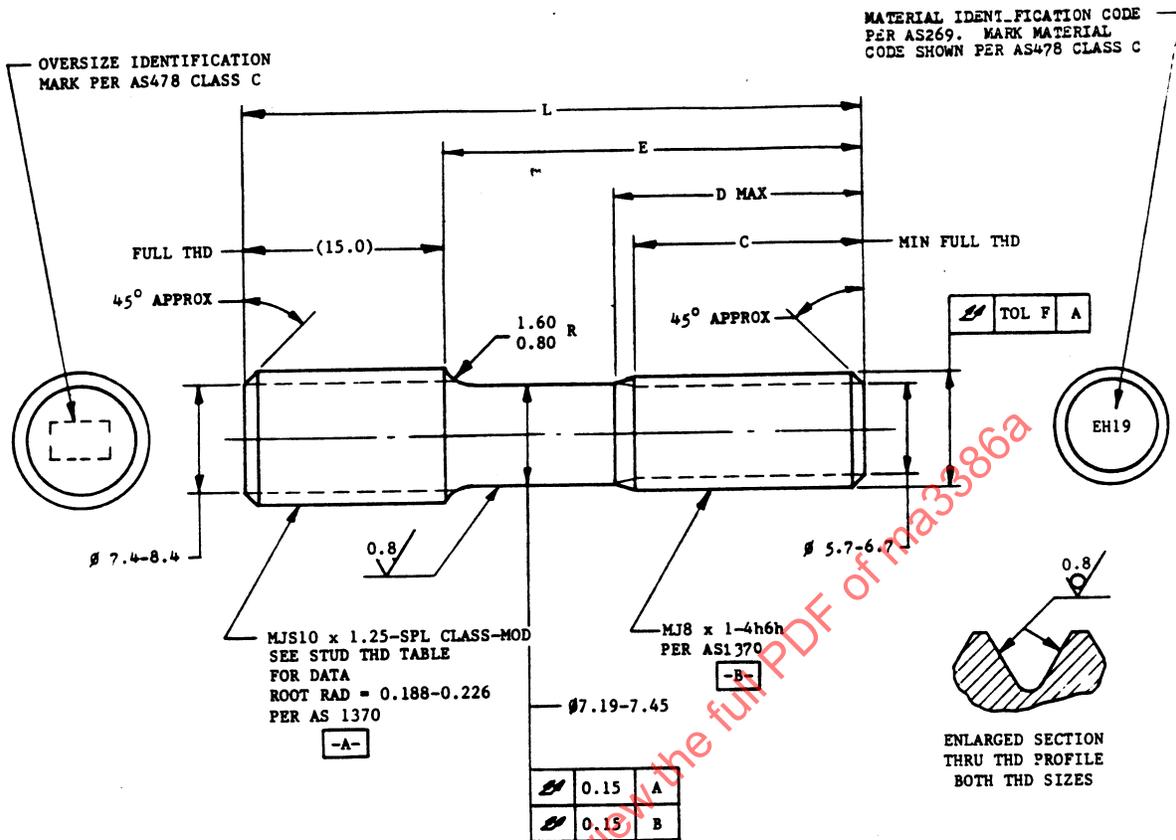
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CUSTODIAN: E-25		PROCUREMENT SPECIFICATION: MA3375	
	<b>METRIC AEROSPACE STANDARD</b>		<b>MA3386</b>
	STUD, STEPPED - 1.5 DIA ENGAGEMENT, A286, MJ METRIC 10 X 1.25 - 8 X 1		

ISSUED 1988-01 REAFFIRMED 2004-07 STABILIZED 2014-12

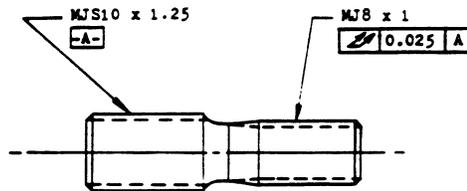


STUD THREAD DATA - STANDARD & OVERSIZES

OVERSIZE IDENTIFICATION	STANDARD	+0.08	+0.16	+0.24	+0.32
	⊙	⊙8	⊙16	⊙24	⊙32
MAJOR DIA, MOD	9.850-9.975	9.930-10.055	10.010-10.135	10.090-10.215	10.170-10.295
PITCH DIA	9.288-9.313	9.368-9.393	9.448-9.473	9.528-9.553	9.608-9.633
ROOT DIA	8.581-8.682	8.661-8.762	8.741-8.842	8.821-8.922	8.901-9.002
PD LEAD THD	9.138-9.176	9.218-9.256	9.298-9.336	9.378-9.416	9.458-9.496

FIGURE 1

L ± 0.3	E ± 0.3	C MIN	D MAX	TOL F	STANDARD	+ 0.08	+ 0.16	+ 0.24	+ 0.32	APPROX MASS kg/100
					PART NO.					
31	16	11.6	14.1	0.05	MA3386-006	MA3386-106	MA3386-206	MA3386-306	MA3386-406	1.340
33	18	13.6	16.1	0.05	-007	-107	-207	-307	-407	1.406
35	20	15.6	18.1	0.06	-008	-108	-208	-308	-408	1.473
37	22	17.6	20.1	0.07	-009	-109	-209	-309	-409	1.540
39	24	19.6	22.1	0.07	-010	-110	-210	-310	-410	1.606
41	26	21.6	24.1	0.08	-011	-111	-211	-311	-411	1.673
43	28	22	25.5	0.08	-012	-112	-212	-312	-412	1.740
45	30	22	25.5	0.09	-013	-113	-213	-313	-413	1.806
47	32	22	25.5	0.10	-014	-114	-214	-314	-414	1.873
49	34	22	25.5	0.10	-015	-115	-215	-315	-415	1.939
51	36	22	25.5	0.11	-016	-116	-216	-316	-416	2.006
53	38	22	25.5	0.11	-017	-117	-217	-317	-417	2.073
55	40	22	25.5	0.12	-018	-118	-218	-318	-418	2.139
57	42	22	25.5	0.13	-019	-119	-219	-319	-419	2.206
59	44	22	25.5	0.13	-020	-120	-220	-320	-420	2.273
61	46	22	25.5	0.14	-021	-121	-221	-321	-421	2.339
63	48	22	25.5	0.14	-022	-122	-222	-322	-422	2.406
65	50	22	25.5	0.15	-023	-123	-223	-323	-423	2.472
67	52	22	25.5	0.16	-024	-124	-224	-324	-424	2.539
69	54	22	25.5	0.16	-025	-125	-225	-325	-425	2.606
71	56	22	25.5	0.17	-026	-126	-226	-326	-426	2.672
73	58	22	25.5	0.17	-027	-127	-227	-327	-427	2.739
75	60	22	25.5	0.18	-028	-128	-228	-328	-428	2.806
79	64	22	25.5	0.19	-029	-129	-229	-329	-429	2.939
83	68	22	25.5	0.20	-030	-130	-230	-330	-430	3.072
87	72	22	25.5	0.22	-031	-131	-231	-331	-431	3.205
91	76	22	25.5	0.23	-032	-132	-232	-332	-432	3.339
95	80	22	25.5	0.24	-033	-133	-233	-333	-433	3.472
99	84	22	25.5	0.25	-034	-134	-234	-334	-434	3.605
103	88	22	25.5	0.26	-035	-135	-235	-335	-435	3.738
107	92	22	25.5	0.28	-036	-136	-236	-336	-436	3.872
111	96	22	25.5	0.29	-037	-137	-237	-337	-437	4.005
115	100	22	25.5	0.30	-038	-138	-238	-338	-438	4.138
119	104	22	25.5	0.31	-039	-139	-239	-339	-439	4.272
123	108	22	25.5	0.32	-040	-140	-240	-340	-440	4.405
127	112	22	25.5	0.34	MA3386-041	MA3386-141	MA3386-241	MA3386-341	MA3386-441	4.538



VIEW G

FOR L SIZES 31 THRU 43

FIGURE 2

	<b>METRIC AEROSPACE STANDARD</b>	<b>MA3386</b> SHEET 2 OF 3	<b>REV.</b> <b>A</b>
	STUD, STEPPED - 1.5 DIA ENGAGEMENT, A286, MJ METRIC 10 X 1.25 - 8 X 1		