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REV. A

MA3389

FEDERAL SUPPLY CLASS
5307

RATIONALE

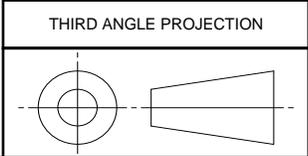
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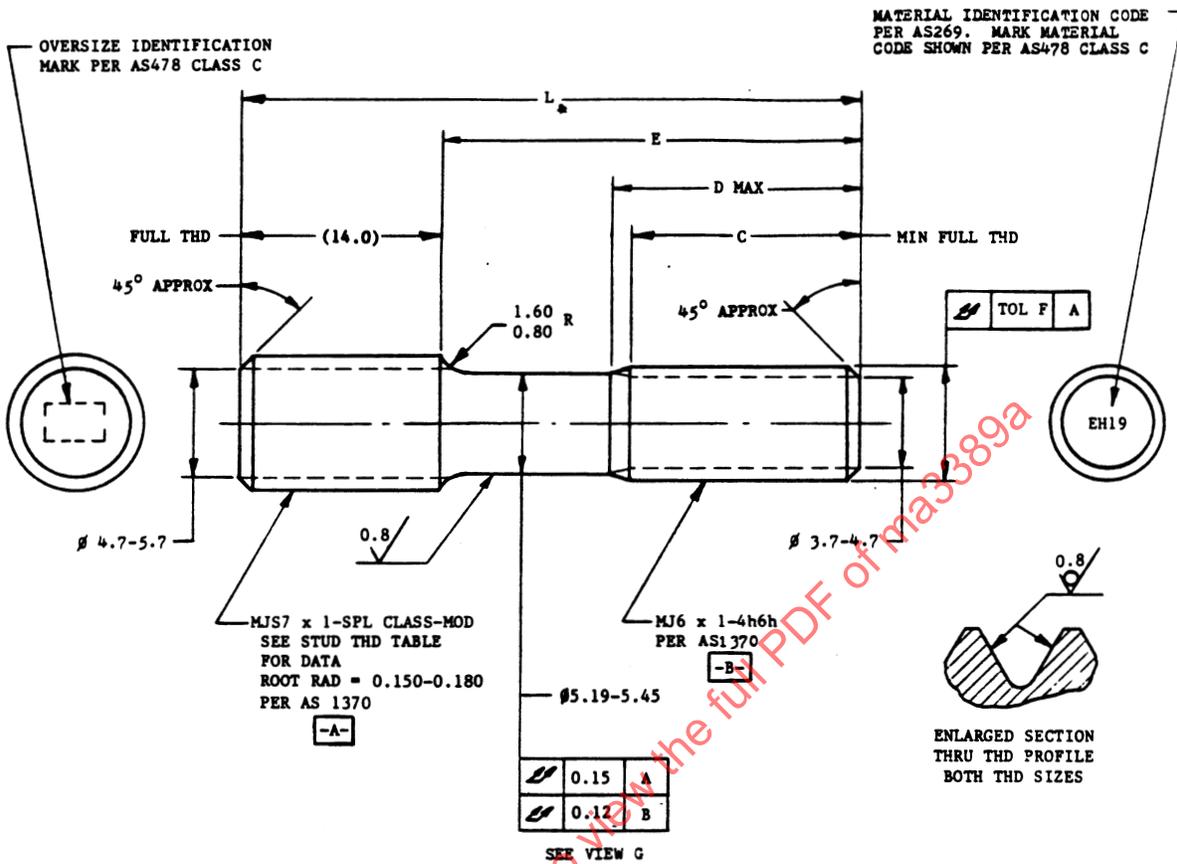
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CUSTODIAN: E-25		PROCUREMENT SPECIFICATION: MA3375	
	METRIC AEROSPACE STANDARD		MA3389
	STUD, STEPPED - 2.0 DIA ENGAGEMENT, A286, MJ METRIC 7 X 1 - 6 X 1		

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



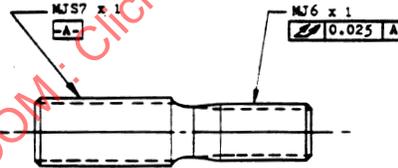
STUD THREAD DATA - STANDARD & OVERSIZES

OVERSIZE IDENTIFICATION	STANDARD	+0.08	+0.16	+0.24	+0.32
	⊘	⊘8	⊘16	⊘24	⊘32
MAJOR DIA, MOD	6.850-6.975	6.930-7.055	7.010-7.135	7.090-7.215	7.170-7.295
PITCH DIA	6.446-6.471	6.526-6.551	6.606-6.631	6.686-6.711	6.766-6.791
ROOT DIA	5.880-5.966	5.960-6.046	6.040-6.126	6.120-6.206	6.200-6.286
PD LEAD THD	6.296-6.334	6.376-6.414	6.456-6.494	6.536-6.574	6.616-6.654

FIGURE 1

	METRIC AEROSPACE STANDARD	MA3389 SHEET 1 OF 3	REV. A
	STUD, STEPPED - 2.0 DIA ENGAGEMENT, A286, MJ METRIC 7 X 1 - 6 X 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.					
28	14	9.6	12.1	0.04	MA3389-005	MA3389-105	MA3389-205	MA3389-305	MA3389-405	0.609
30	16	11.6	14.1	0.05	-006	-106	-206	-306	-406	0.645
32	18	13.6	16.1	0.05	-007	-107	-207	-307	-407	0.680
34	20	15.6	18.1	0.06	-008	-108	-208	-308	-408	0.715
36	22	17.6	20.1	0.07	-009	-109	-209	-309	-409	0.751
38	24	18	21.5	0.07	-010	-110	-210	-310	-410	0.786
40	26	18	21.5	0.08	-011	-111	-211	-311	-411	0.821
42	28	18	21.5	0.08	-012	-112	-212	-312	-412	0.856
44	30	18	21.5	0.09	-013	-113	-213	-313	-413	0.891
46	32	18	21.5	0.10	-014	-114	-214	-314	-414	0.927
48	34	18	21.5	0.10	-015	-115	-215	-315	-415	0.962
50	36	18	21.5	0.11	-016	-116	-216	-316	-416	0.997
52	38	18	21.5	0.11	-017	-117	-217	-317	-417	1.032
54	40	18	21.5	0.12	-018	-118	-218	-318	-418	1.067
56	42	18	21.5	0.13	-019	-119	-219	-319	-419	1.102
58	44	18	21.5	0.13	-020	-120	-220	-320	-420	1.138
60	46	18	21.5	0.14	-021	-121	-221	-321	-421	1.173
62	48	18	21.5	0.14	-022	-122	-222	-322	-422	1.208
64	50	18	21.5	0.15	-023	-123	-223	-323	-423	1.243
66	52	18	21.5	0.16	-024	-124	-224	-324	-424	1.278
68	54	18	21.5	0.16	-025	-125	-225	-325	-425	1.314
70	56	18	21.5	0.17	-026	-126	-226	-326	-426	1.349
72	58	18	21.5	0.17	-027	-127	-227	-327	-427	1.384
74	60	18	21.5	0.18	-028	-128	-228	-328	-428	1.419
78	64	18	21.5	0.19	-029	-129	-229	-329	-429	1.490
82	68	18	21.5	0.20	-030	-130	-230	-330	-430	1.560
86	72	18	21.5	0.22	-031	-131	-231	-331	-431	1.630
90	76	18	21.5	0.23	-032	-132	-232	-332	-432	1.701
94	80	18	21.5	0.24	-033	-133	-233	-333	-433	1.771
98	84	18	21.5	0.25	MA3389-034	MA3389-134	MA3389-234	MA3389-334	MA3389-434	1.841



VIEW G

FOR L SIZES 28 THRU 38

FIGURE 2

	METRIC AEROSPACE STANDARD	MA3389 SHEET 2 OF 3	REV. A
	STUD, STEPPED - 2.0 DIA ENGAGEMENT, A286, MJ METRIC 7 X 1 - 6 X 1		