FEDERAL SUPPLY CLASS
5307

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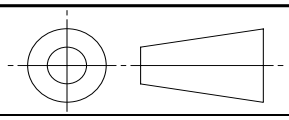
ISSUED 1999-12 REVISED 2004-12

THIRD ANGLE PROJECTION



CUSTODIAN: SAE E-25

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AEROSPACE STANDARD

(R) STUD, SHOULDERED, STEPPED, HEX, WRENCHING, DRILLED, STEEL UNS G87400, CAD, PLATED, 125 KSI MIN, .2500-28 UNF-3A X .3750-24 UNF-3A

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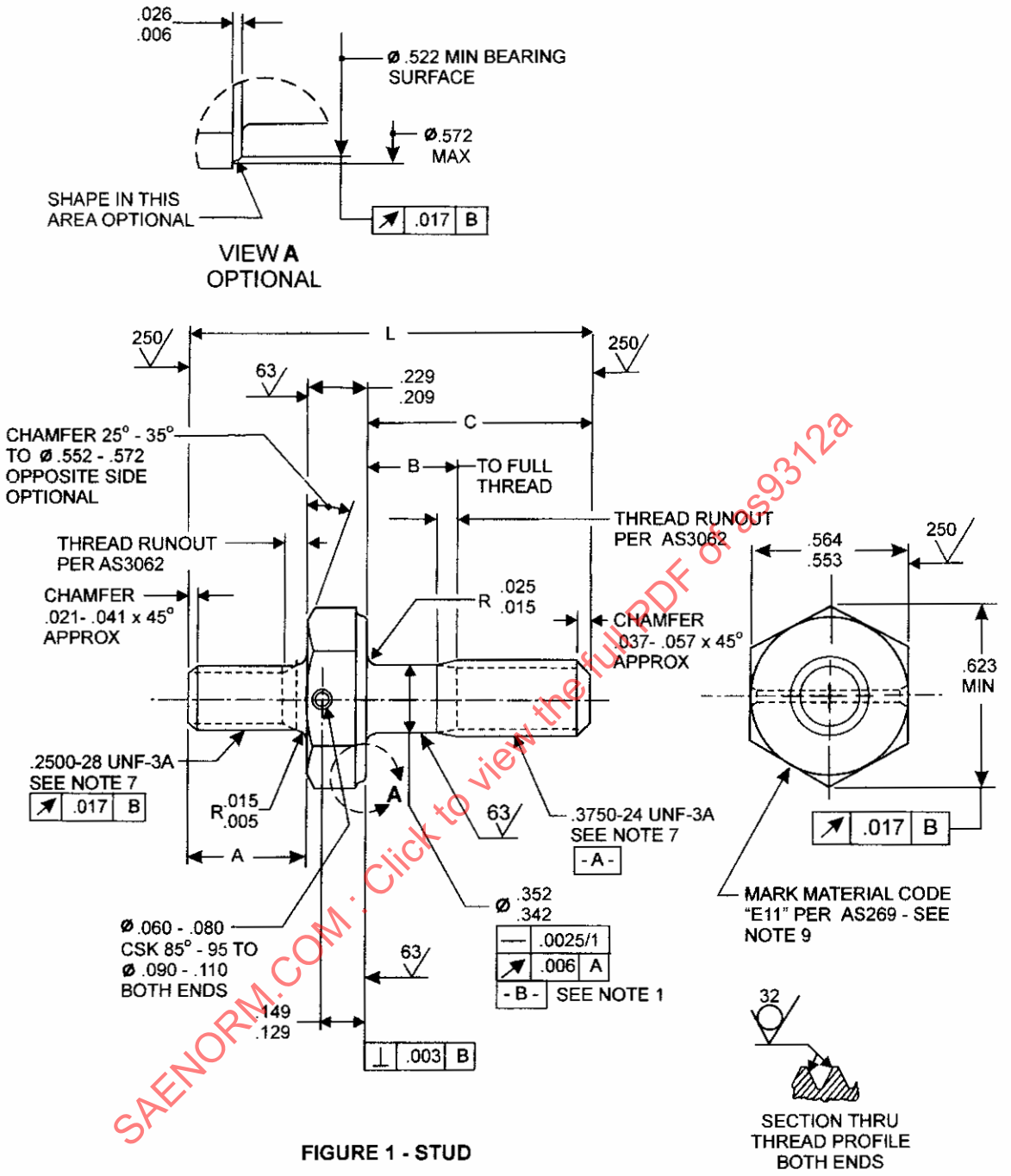

FIGURE 1 - STUD

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TABLE 1 - PART NUMBERS AND DIMENSIONS.

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9312-001	.428 - .448	1/	.740 - .760	1.406	4.14
MS9312-002	.428 - .448	1/	.802 - .822	1.469	4.31
MS9312-003	.428 - .448	1/	.865 - .885	1.531	4.48
MS9312-004	.428 - .448	1/	.928 - .948	1.594	4.65
MS9312-005	.428 - .448	1/	.990 - 1.010	1.656	4.82
MS9312-006	.428 - .448	1/	1.052 - 1.072	1.719	4.99
MS9312-007	.428 - .448	.065 - .125	1.115 - 1.135	1.781	5.16
MS9312-008	.428 - .448	.128 - .188	1.178 - 1.198	1.844	5.33
MS9312-009	.428 - .448	.190 - .250	1.240 - 1.260	1.906	5.50
MS9312-010	.428 - .448	.252 - .312	1.302 - 1.322	1.969	5.67
MS9312-011	.428 - .448	.315 - .375	1.365 - 1.385	2.031	5.84
MS9312-012	.428 - .448	.378 - .438	1.428 - 1.448	2.094	6.01
MS9312-013	.428 - .448	.440 - .500	1.490 - 1.510	2.156	6.18
MS9312-014	.428 - .448	.502 - .562	1.552 - 1.572	2.219	6.35
MS9312-015	.428 - .448	.565 - .625	1.615 - 1.635	2.281	6.52
MS9312-016	.428 - .448	.628 - .688	1.678 - 1.698	2.344	6.69
MS9312-017	.428 - .448	.690 - .750	1.740 - 1.760	2.406	6.86
MS9312-018	.428 - .448	.752 - .812	1.802 - 1.822	2.469	7.03
MS9312-019	.428 - .448	.815 - .875	1.865 - 1.885	2.531	7.20
MS9312-020	.428 - .448	.878 - .938	1.928 - 1.948	2.594	7.37
MS9312-021	.428 - .448	.940 - 1.000	1.990 - 2.010	2.656	7.54
MS9312-022	.428 - .448	1.002 - 1.062	2.052 - 2.072	2.719	7.71
MS9312-023	.428 - .448	1.065 - 1.125	2.115 - 2.135	2.781	7.88
MS9312-024	.428 - .448	1.190 - 1.250	2.240 - 2.260	2.906	8.22
MS9312-025	.428 - .448	1.315 - 1.375	2.365 - 2.385	3.031	8.56
MS9312-026	.428 - .448	1.440 - 1.500	2.490 - 2.510	3.156	8.90
MS9312-027	.428 - .448	1.565 - 1.625	2.615 - 2.635	3.281	9.24
MS9312-028	.428 - .448	1.690 - 1.750	2.740 - 2.760	3.406	9.58
MS9312-029	.428 - .448	1.815 - 1.875	2.865 - 2.885	3.531	9.92
MS9312-030	.428 - .448	1.940 - 2.000	2.990 - 3.010	3.656	10.26

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TABLE 1 - PART NUMBERS AND DIMENSIONS. - CONTINUED

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9312-050	.490 - .510	1/	.740 - .760	1.469	4.21
MS9312-051	.490 - .510	1/	.802 - .822	1.531	4.38
MS9312-052	.490 - .510	1/	.865 - .885	1.594	4.55
MS9312-053	.490 - .510	1/	.928 - .948	1.656	4.72
MS9312-054	.490 - .510	1/	.990 - 1.010	1.719	4.89
MS9312-055	.490 - .510	1/	1.052 - 1.062	1.781	5.06
MS9312-056	.490 - .510	.065 - .125	1.115 - 1.135	1.844	5.23
MS9312-057	.490 - .510	.128 - .188	1.178 - 1.198	1.906	5.40
MS9312-058	.490 - .510	.190 - .250	1.240 - 1.260	1.969	5.57
MS9312-059	.490 - .510	.252 - .312	1.302 - 1.322	2.031	5.74
MS9312-060	.490 - .510	.315 - .375	1.365 - 1.385	2.094	5.91
MS9312-061	.490 - .510	.378 - .438	1.428 - 1.448	2.156	6.08
MS9312-062	.490 - .510	.440 - .500	1.490 - 1.510	2.219	6.25
MS9312-063	.490 - .510	.502 - .562	1.552 - 1.572	2.281	6.42
MS9312-064	.490 - .510	.565 - .625	1.615 - 1.635	2.344	6.59
MS9312-065	.490 - .510	.628 - .688	1.678 - 1.698	2.406	6.76
MS9312-066	.490 - .510	.690 - .750	1.740 - 1.760	2.469	6.93
MS9312-067	.490 - .510	.752 - .812	1.802 - 1.822	2.531	7.10
MS9312-068	.490 - .510	.815 - .875	1.865 - 1.885	2.594	7.27
MS9312-069	.490 - .510	.878 - .938	1.928 - 1.948	2.656	7.44
MS9312-069	.490 - .510	.878 - .938	1.928 - 1.948	2.656	7.56
MS9312-070	.490 - .510	.940 - 1.000	1.990 - 2.000	2.719	7.73
MS9312-071	.490 - .510	1.002 - 1.062	2.052 - 2.072	2.781	7.90
MS9312-072	.490 - .510	1.065 - 1.125	2.115 - 2.135	2.844	8.07
MS9312-073	.490 - .510	1.128 - 1.188	2.240 - 2.260	2.969	8.41
MS9312-074	.490 - .510	1.190 - 1.250	2.365 - 2.385	3.094	8.75
MS9312-075	.490 - .510	1.440 - 1.500	2.490 - 2.510	3.219	9.09
MS9312-076	.490 - .510	1.565 - 1.625	2.615 - 2.635	3.344	9.43
MS9312-077	.490 - .510	1.690 - 1.750	2.740 - 2.760	3.469	9.77
MS9312-078	.490 - .510	1.815 - 1.875	2.865 - 2.885	3.594	10.11

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TABLE 1 - PART NUMBERS AND DIMENSIONS. - CONTINUED

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9312-100	.552 - .572	1/	.740 - .760	1.531	4.28
MS9312-101	.552 - .572	1/	.802 - .822	1.594	4.45
MS9312-102	.552 - .572	1/	.865 - .885	1.656	4.62
MS9312-103	.552 - .572	1/	.928 - .948	1.719	4.79
MS9312-104	.552 - .572	1/	.990 - 1.010	1.781	4.96
MS9312-105	.552 - .572	1/	1.052 - 1.072	1.844	5.13
MS9312-106	.552 - .572	.065 - .125	1.115 - 1.135	1.906	5.30
MS9312-107	.552 - .572	.128 - .188	1.178 - 1.198	1.969	5.47
MS9312-108	.552 - .572	.190 - .250	1.240 - 1.260	2.031	5.64
MS9312-109	.552 - .572	.252 - .312	1.302 - 1.322	2.094	5.81
MS9312-110	.552 - .572	.315 - .375	1.365 - 1.385	2.156	5.98
MS9312-111	.552 - .572	.378 - .438	1.428 - 1.448	2.219	6.15
MS9312-112	.552 - .572	.440 - .500	1.490 - 1.510	2.281	6.32
MS9312-113	.552 - .572	.502 - .562	1.552 - 1.572	2.344	6.49
MS9312-114	.552 - .572	.565 - .625	1.615 - 1.635	2.406	6.66
MS9312-115	.552 - .572	.628 - .688	1.678 - 1.698	2.469	6.83
MS9312-116	.552 - .572	.690 - .750	1.740 - 1.760	2.531	7.00
MS9312-117	.552 - .572	.752 - .812	1.802 - 1.822	2.593	7.17
MS9312-118	.552 - .572	.815 - .875	1.865 - 1.885	2.656	7.34
MS9312-119	.552 - .572	.878 - .938	1.928 - 1.948	2.719	7.51
MS9312-120	.552 - .572	.940 - 1.000	1.990 - 2.000	2.781	7.68
MS9312-121	.552 - .572	1.002 - 1.062	2.052 - 2.072	2.844	7.85
MS9312-122	.552 - .572	1.065 - 1.125	2.115 - 2.135	2.906	8.02
MS9312-123	.552 - .572	1.128 - 1.188	2.240 - 2.260	3.031	8.36
MS9312-124	.552 - .572	1.190 - 1.250	2.365 - 2.385	3.156	8.70
MS9312-125	.552 - .572	1.440 - 1.500	2.490 - 2.510	3.281	9.04
MS9312-126	.552 - .572	1.565 - 1.625	2.615 - 2.635	3.406	9.38
MS9312-127	.552 - .572	1.690 - 1.750	2.740 - 2.760	3.531	9.72
MS9312-128	.552 - .572	1.815 - 1.875	2.865 - 2.885	3.656	10.06
MS9312-129	.552 - .572	1.940 - 2.000	2.990 - 3.010	3.781	10.40

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