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**REV.
B**

SAE AS9306

FEDERAL SUPPLY CLASS
5307

RATIONALE

UPDATE CAMIUM NOTICE AND CORRECT TYPO FOR THE MPI REQUIREMENT IN NOTE 6.

NOTICE

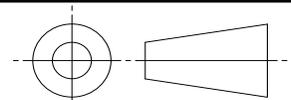
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THIRD ANGLE PROJECTION



ISSUED 1999-12 REVISED 2009-02

CUSTODIAN: SAE E-25

PROCUREMENT SPECIFICATION: AS7452

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

STUD, SHOULDERED, STEPPED, HEX., WRENCHING, STEEL UNS G87400, CADMIUM PLATED, 125 KSI MIN, .2500-28 UNF-3A X .3125-24 UNF-3A

SAE AS9306
SHEET 1 OF 5

**REV.
B**

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TABLE 1 – PART NUMBERS AND DIMENSIONS

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9306-001	.428 - .448	1/	.490 - .510	1.125	2.54
MS9306-002	.428 - .448	1/	.552 - .572	1.188	2.65
MS9306-003	.428 - .448	1/	.615 - .625	1.250	2.76
MS9306-004	.428 - .448	1/	.678 - .698	1.312	2.87
MS9306-005	.428 - .448	1/	.740 - .760	1.375	2.98
MS9306-006	.428 - .448	1/	.802 - .822	1.438	3.09
MS9306-007	.428 - .448	1/	.865 - .885	1.500	3.20
MS9306-008	.428 - .448	1/	.928 - .948	1.562	3.31
MS9306-009	.428 - .448	.065 - .125	.990 - 1.010	1.625	3.42
MS9306-010	.428 - .448	.128 - .188	1.052 - 1.072	1.688	3.53
MS9306-011	.428 - .448	.190 - .250	1.115 - 1.135	1.750	3.64
MS9306-012	.428 - .448	.252 - .312	1.178 - 1.198	1.812	3.75
MS9306-013	.428 - .448	.315 - .375	1.240 - 1.260	1.875	3.86
MS9306-014	.428 - .448	.378 - .438	1.302 - 1.322	1.938	3.97
MS9306-015	.428 - .448	.440 - .500	1.365 - 1.385	2.000	4.08
MS9306-016	.428 - .448	.502 - .562	1.428 - 1.448	2.062	4.19
MS9306-017	.428 - .448	.565 - .625	1.490 - 1.510	2.125	4.30
MS9306-018	.428 - .448	.628 - .688	1.552 - 1.572	2.188	4.41
MS9306-019	.428 - .448	.690 - .750	1.615 - 1.635	2.250	4.52
MS9306-020	.428 - .448	.752 - .812	1.678 - 1.698	2.312	4.63
MS9306-021	.428 - .448	.815 - .875	1.740 - 1.760	2.375	4.74
MS9306-022	.428 - .448	.878 - .938	1.802 - 1.822	2.438	4.85
MS9306-023	.428 - .448	.940 - 1.000	1.865 - 1.885	2.500	4.96
MS9306-024	.428 - .448	1.002 - 1.062	1.928 - 1.948	2.562	5.07
MS9306-025	.428 - .448	1.065 - 1.125	1.990 - 2.010	2.625	5.18

TABLE 1 – PART NUMBERS AND DIMENSIONS – CONTINUED

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9306-050	.490 - .510	1/	.490 - .510	1.188	2.65
MS9306-051	.490 - .510	1/	.552 - .572	1.250	2.76
MS9306-052	.490 - .510	1/	.615 - .625	1.312	2.87
MS9306-053	.490 - .510	1/	.678 - .698	1.375	2.98
MS9306-054	.490 - .510	1/	.740 - .760	1.438	3.09
MS9306-055	.490 - .510	1/	.802 - .822	1.500	3.20
MS9306-056	.490 - .510	1/	.865 - .885	1.562	3.31
MS9306-057	.490 - .510	1/	.928 - .948	1.625	3.42
MS9306-058	.490 - .510	.065 - .125	.990 - 1.010	1.688	3.53
MS9306-059	.490 - .510	.128 - .188	1.052 - 1.072	1.750	3.64
MS9306-060	.490 - .510	.190 - .250	1.115 - 1.135	1.812	3.75
MS9306-061	.490 - .510	.252 - .312	1.178 - 1.198	1.875	3.86
MS9306-062	.490 - .510	.315 - .375	1.240 - 1.260	1.938	3.97
MS9306-063	.490 - .510	.378 - .438	1.302 - 1.322	2.000	4.08
MS9306-064	.490 - .510	.440 - .500	1.365 - 1.385	2.062	4.19
MS9306-065	.490 - .510	.502 - .562	1.428 - 1.448	2.125	4.30
MS9306-066	.490 - .510	.565 - .625	1.490 - 1.510	2.188	4.41
MS9306-067	.490 - .510	.628 - .688	1.552 - 1.572	2.250	4.52
MS9306-068	.490 - .510	.690 - .750	1.615 - 1.635	2.312	4.63
MS9306-069	.490 - .510	.752 - .812	1.678 - 1.698	2.375	4.74
MS9306-070	.490 - .510	.815 - .875	1.740 - 1.760	2.438	4.85
MS9306-071	.490 - .510	.878 - .938	1.802 - 1.822	2.500	4.96
MS9306-072	.490 - .510	.940 - 1.000	1.865 - 1.885	2.562	5.07
MS9306-073	.490 - .510	1.002 - 1.062	1.928 - 1.948	2.625	5.18
MS9306-074	.490 - .510	1.065 - 1.125	1.990 - 2.010	2.688	5.29

TABLE 1 – PART NUMBERS AND DIMENSIONS - CONTINUED

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9306-100	.552 - .572	1/	.490 - .510	1.250	2.76
MS9306-101	.552 - .572	1/	.552 - .572	1.312	2.87
MS9306-102	.552 - .572	1/	.615 - .625	1.375	2.98
MS9306-103	.552 - .572	1/	.678 - .698	1.438	3.09
MS9306-104	.552 - .572	1/	.740 - .760	1.500	3.20
MS9306-105	.552 - .572	1/	.802 - .822	1.562	3.31
MS9306-106	.552 - .572	1/	.865 - .885	1.625	3.42
MS9306-107	.552 - .572	1/	.928 - .948	1.688	3.53
MS9306-108	.552 - .572	.065 - .125	.990 - 1.010	1.750	3.64
MS9306-109	.552 - .572	.128 - .188	1.052 - 1.072	1.812	3.75
MS9306-110	.552 - .572	.190 - .250	1.115 - 1.135	1.875	3.86
MS9306-111	.552 - .572	.252 - .312	1.178 - 1.198	1.938	3.97
MS9306-112	.552 - .572	.315 - .375	1.240 - 1.260	2.000	4.08
MS9306-113	.552 - .572	.378 - .438	1.302 - 1.322	2.062	4.19
MS9306-114	.552 - .572	.440 - .500	1.365 - 1.385	2.125	4.30
MS9306-115	.552 - .572	.502 - .562	1.428 - 1.448	2.188	4.41
MS9306-116	.552 - .572	.565 - .625	1.490 - 1.510	2.250	4.52
MS9306-117	.552 - .572	.628 - .688	1.552 - 1.572	2.312	4.63
MS9306-118	.552 - .572	.690 - .750	1.615 - 1.635	2.375	4.74
MS9306-119	.552 - .572	.752 - .812	1.678 - 1.698	2.438	4.85
MS9306-120	.552 - .572	.815 - .875	1.740 - 1.760	2.500	4.96
MS9306-121	.552 - .572	.878 - .938	1.802 - 1.822	2.562	5.07
MS9306-122	.552 - .572	.940 - 1.000	1.865 - 1.885	2.625	5.18
MS9306-123	.552 - .572	1.002 - 1.062	1.928 - 1.948	2.688	5.29
MS9306-124	.552 - .572	1.065 - 1.125	1.990 - 2.010	2.750	5.40

TABLE 1 – PART NUMBERS AND DIMENSIONS – CONTINUED

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9306-150	.615 - .635	1/	.490 - .510	1.312	2.87
MS9306-151	.615 - .635	1/	.552 - .572	1.375	2.98
MS9306-152	.615 - .635	1/	.615 - .625	1.438	3.09
MS9306-153	.615 - .635	1/	.678 - .698	1.500	3.20
MS9306-154	.615 - .635	1/	.740 - .760	1.562	3.31
MS9306-155	.615 - .635	1/	.802 - .822	1.625	3.42
MS9306-156	.615 - .635	1/	.865 - .885	1.688	3.53
MS9306-157	.615 - .635	1/	.928 - .948	1.750	3.64
MS9306-158	.615 - .635	.065 - .125	.990 - 1.010	1.812	3.75
MS9306-159	.615 - .635	.128 - .188	1.052 - 1.072	1.875	3.86
MS9306-160	.615 - .635	.190 - .250	1.115 - 1.135	1.938	3.97
MS9306-161	.615 - .635	.252 - .312	1.178 - 1.198	2.000	4.08
MS9306-162	.615 - .635	.315 - .375	1.240 - 1.260	2.062	4.19
MS9306-163	.615 - .635	.378 - .438	1.302 - 1.322	2.125	4.30
MS9306-164	.615 - .635	.440 - .500	1.365 - 1.385	2.188	4.41
MS9306-165	.615 - .635	.502 - .562	1.428 - 1.448	2.250	4.52
MS9306-166	.615 - .635	.565 - .625	1.490 - 1.510	2.312	4.63
MS9306-167	.615 - .635	.628 - .688	1.552 - 1.572	2.375	4.74
MS9306-168	.615 - .635	.690 - .750	1.615 - 1.635	2.438	4.85
MS9306-169	.615 - .635	.752 - .812	1.678 - 1.698	2.500	4.96
MS9306-170	.615 - .635	.815 - .875	1.740 - 1.760	2.562	5.07
MS9306-171	.615 - .635	.878 - .938	1.802 - 1.822	2.625	5.18
MS9306-172	.615 - .635	.940 - 1.000	1.865 - 1.885	2.688	5.29
MS9306-173	.615 - .635	1.002 - 1.062	1.928 - 1.948	2.750	5.40
MS9306-174	.615 - .635	1.065 - 1.125	1.990 - 2.010	2.812	5.51