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**REV.
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AS9310

FEDERAL SUPPLY CLASS
5307

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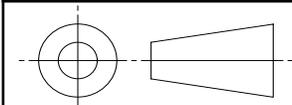
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THIRD ANGLE PROJECTION



CUSTODIAN: SAE E-25

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

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

AS9310
SHEET 1 OF 5

**REV.
A**

ISSUED 1999-12 REVISED 2004-12

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TABLE 1 - PART NUMBERS AND DIMENSIONS.

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9310-001	.428 - .448	1/	.490 - .510	1.125	1.90
MS9310-002	.428 - .448	1/	.552 - .572	1.188	1.97
MS9310-003	.428 - .448	1/	.615 - .625	1.250	2.04
MS9310-004	.428 - .448	1/	.678 - .698	1.312	2.11
MS9310-005	.428 - .448	1/	.740 - .760	1.375	2.18
MS9310-006	.428 - .448	1/	.802 - .822	1.438	2.25
MS9310-007	.428 - .448	.065 - .125	.865 - .885	1.500	2.32
MS9310-008	.428 - .448	.128 - .188	.928 - .948	1.562	2.39
MS9310-009	.428 - .448	.190 - .250	.990 - 1.010	1.625	2.46
MS9310-010	.428 - .448	.252 - .312	1.052 - 1.072	1.688	2.53
MS9310-011	.428 - .448	.315 - .375	1.115 - 1.135	1.750	2.60
MS9310-012	.428 - .448	.378 - .438	1.178 - 1.198	1.812	2.67
MS9310-013	.428 - .448	.440 - .500	1.240 - 1.260	1.875	2.74
MS9310-014	.428 - .448	.502 - .562	1.302 - 1.322	1.938	2.81
MS9310-015	.428 - .448	.565 - .625	1.365 - 1.385	2.000	2.88
MS9310-016	.428 - .448	.628 - .688	1.428 - 1.448	2.062	2.95
MS9310-017	.428 - .448	.690 - .750	1.490 - 1.510	2.125	3.02
MS9310-018	.428 - .448	.752 - .812	1.552 - 1.572	2.188	3.09
MS9310-019	.428 - .448	.815 - .875	1.615 - 1.635	2.250	3.16
MS9310-020	.428 - .448	.878 - .938	1.678 - 1.698	2.312	3.23
MS9310-021	.428 - .448	.940 - 1.000	1.740 - 1.760	2.375	3.30
MS9310-022	.428 - .448	1.002 - 1.062	1.802 - 1.822	2.438	3.37
MS9310-023	.428 - .448	1.065 - 1.125	1.865 - 1.885	2.500	3.44
MS9310-024	.428 - .448	1.128 - 1.188	1.928 - 1.948	2.562	3.51
MS9310-025	.428 - .448	1.190 - 1.250	1.990 - 2.010	2.625	3.58

TABLE 1 - PART NUMBERS AND DIMENSIONS - CONTINUED.

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9310-050	.490 - .510	1/	.490 - .510	1.188	1.97
MS9310-051	.490 - .510	1/	.552 - .572	1.250	2.04
MS9310-052	.490 - .510	1/	.615 - .625	1.312	2.11
MS9310-053	.490 - .510	1/	.678 - .698	1.375	2.18
MS9310-054	.490 - .510	1/	.740 - .760	1.438	2.25
MS9310-055	.490 - .510	1/	.802 - .822	1.500	2.32
MS9310-056	.490 - .510	.065 - .125	.865 - .885	1.562	2.39
MS9310-057	.490 - .510	.128 - .188	.928 - .948	1.625	2.46
MS9310-058	.490 - .510	.190 - .250	.990 - 1.010	1.688	2.53
MS9310-059	.490 - .510	.252 - .312	1.052 - 1.072	1.750	2.60
MS9310-060	.490 - .510	.315 - .375	1.115 - 1.135	1.812	2.67
MS9310-061	.490 - .510	.378 - .438	1.178 - 1.198	1.875	2.74
MS9310-062	.490 - .510	.440 - .500	1.240 - 1.260	1.938	2.81
MS9310-063	.490 - .510	.502 - .562	1.302 - 1.322	2.000	2.88
MS9310-064	.490 - .510	.565 - .625	1.365 - 1.385	2.062	2.95
MS9310-065	.490 - .510	.628 - .688	1.428 - 1.448	2.125	3.02
MS9310-066	.490 - .510	.690 - .750	1.490 - 1.510	2.188	3.09
MS9310-067	.490 - .510	.752 - .812	1.552 - 1.572	2.250	3.16
MS9310-068	.490 - .510	.815 - .875	1.615 - 1.635	2.312	3.23
MS9310-069	.490 - .510	.878 - .938	1.678 - 1.698	2.375	3.30
MS9310-070	.490 - .510	.940 - 1.000	1.740 - 1.760	2.438	3.37
MS9310-071	.490 - .510	1.002 - 1.062	1.802 - 1.822	2.500	3.44
MS9310-072	.490 - .510	1.065 - 1.125	1.865 - 1.885	2.562	3.51
MS9310-073	.490 - .510	1.128 - 1.188	1.928 - 1.948	2.625	3.58
MS9310-074	.490 - .510	1.190 - 1.250	1.990 - 2.010	2.688	3.65

TABLE 1 - PART NUMBERS AND DIMENSIONS - CONTINUED.

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9310-100	.552 - .572	1/	.490 - .510	1.250	2.04
MS9310-101	.552 - .572	1/	.552 - .572	1.312	2.11
MS9310-102	.552 - .572	1/	.615 - .625	1.375	2.18
MS9310-103	.552 - .572	1/	.678 - .698	1.438	2.25
MS9310-104	.552 - .572	1/	.740 - .760	1.500	2.32
MS9310-105	.552 - .572	1/	.802 - .822	1.562	2.39
MS9310-106	.552 - .572	.065 - .125	.865 - .885	1.625	2.46
MS9310-107	.552 - .572	.128 - .188	.928 - .948	1.688	2.53
MS9310-108	.552 - .572	.190 - .250	.990 - 1.010	1.750	2.60
MS9310-109	.552 - .572	.252 - .312	1.052 - 1.072	1.812	2.67
MS9310-110	.552 - .572	.315 - .375	1.115 - 1.135	1.875	2.74
MS9310-111	.552 - .572	.378 - .438	1.178 - 1.198	1.938	2.81
MS9310-112	.552 - .572	.440 - .500	1.240 - 1.260	2.000	2.88
MS9310-113	.552 - .572	.502 - .562	1.302 - 1.322	2.062	2.95
MS9310-114	.552 - .572	.565 - .625	1.365 - 1.385	2.125	3.02
MS9310-115	.552 - .572	.628 - .688	1.428 - 1.448	2.188	3.09
MS9310-116	.552 - .572	.690 - .750	1.490 - 1.510	2.250	3.16
MS9310-117	.552 - .572	.752 - .812	1.552 - 1.572	2.312	3.23
MS9310-118	.552 - .572	.815 - .875	1.615 - 1.635	2.375	3.30
MS9310-119	.552 - .572	.878 - .938	1.678 - 1.698	2.438	3.37
MS9310-120	.552 - .572	.940 - 1.000	1.740 - 1.760	2.500	3.44
MS9310-121	.552 - .572	1.002 - 1.062	1.802 - 1.822	2.562	3.51
MS9310-122	.552 - .572	1.065 - 1.125	1.865 - 1.885	2.625	3.58
MS9310-123	.552 - .572	1.128 - 1.188	1.928 - 1.948	2.688	3.65
MS9310-124	.552 - .572	1.190 - 1.250	1.990 - 2.010	2.750	3.72

TABLE 1 - PART NUMBERS AND DIMENSIONS - CONTINUED.

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9310-150	.615 - .635	1/	.490 - .510	1.312	2.11
MS9310-151	.615 - .635	1/	.552 - .572	1.375	2.18
MS9310-152	.615 - .635	1/	.615 - .625	1.438	2.25
MS9310-153	.615 - .635	1/	.678 - .698	1.500	2.32
MS9310-154	.615 - .635	1/	.740 - .760	1.562	2.39
MS9310-155	.615 - .635	1/	.802 - .822	1.625	2.46
MS9310-156	.615 - .635	.065 - .125	.865 - .885	1.688	2.53
MS9310-157	.615 - .635	.128 - .188	.928 - .948	1.750	2.60
MS9310-158	.615 - .635	.190 - .250	.990 - 1.010	1.812	2.67
MS9310-159	.615 - .635	.252 - .312	1.052 - 1.072	1.875	2.74
MS9310-160	.615 - .635	.315 - .375	1.115 - 1.135	1.938	2.81
MS9310-161	.615 - .635	.378 - .438	1.178 - 1.198	2.000	2.88
MS9310-162	.615 - .635	.440 - .500	1.240 - 1.260	2.062	2.95
MS9310-163	.615 - .635	.502 - .562	1.302 - 1.322	2.125	3.02
MS9310-164	.615 - .635	.565 - .625	1.365 - 1.385	2.188	3.09
MS9310-165	.615 - .635	.628 - .688	1.428 - 1.448	2.250	3.16
MS9310-166	.615 - .635	.690 - .750	1.490 - 1.510	2.312	3.23
MS9310-167	.615 - .635	.752 - .812	1.552 - 1.572	2.375	3.30
MS9310-168	.615 - .635	.815 - .875	1.615 - 1.635	2.438	3.37
MS9310-169	.615 - .635	.878 - .938	1.678 - 1.698	2.500	3.43
MS9310-170	.615 - .635	.940 - 1.000	1.740 - 1.760	2.562	3.50
MS9310-171	.615 - .635	1.002 - 1.062	1.802 - 1.822	2.625	3.57
MS9310-172	.615 - .635	1.065 - 1.125	1.865 - 1.885	2.688	3.64
MS9310-173	.615 - .635	1.128 - 1.188	1.928 - 1.948	2.750	3.71
MS9310-174	.615 - .635	1.190 - 1.250	1.990 - 2.010	2.812	3.78

1/ THREAD TO HEAD. MAXIMUM TWO INCOMPLETE THREADS.