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**REV.
A**

AS9304

FEDERAL SUPPLY CLASS
5307

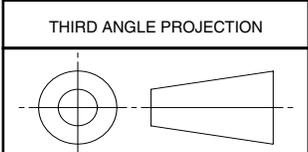
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CUSTODIAN: SAE E-25



AEROSPACE STANDARD

(R) STUD, SHOULDERED, STEPPED, HEX., WRENCHING, STEEL UNS G87400, CADMIUM PLATED, 125 KSI MIN, .1900-32 UNF-3A X .2500-28 UNF-3A

AS9304
SHEET 1 OF 5

**REV.
A**

ISSUED 1999-12 REVISED 2005-03

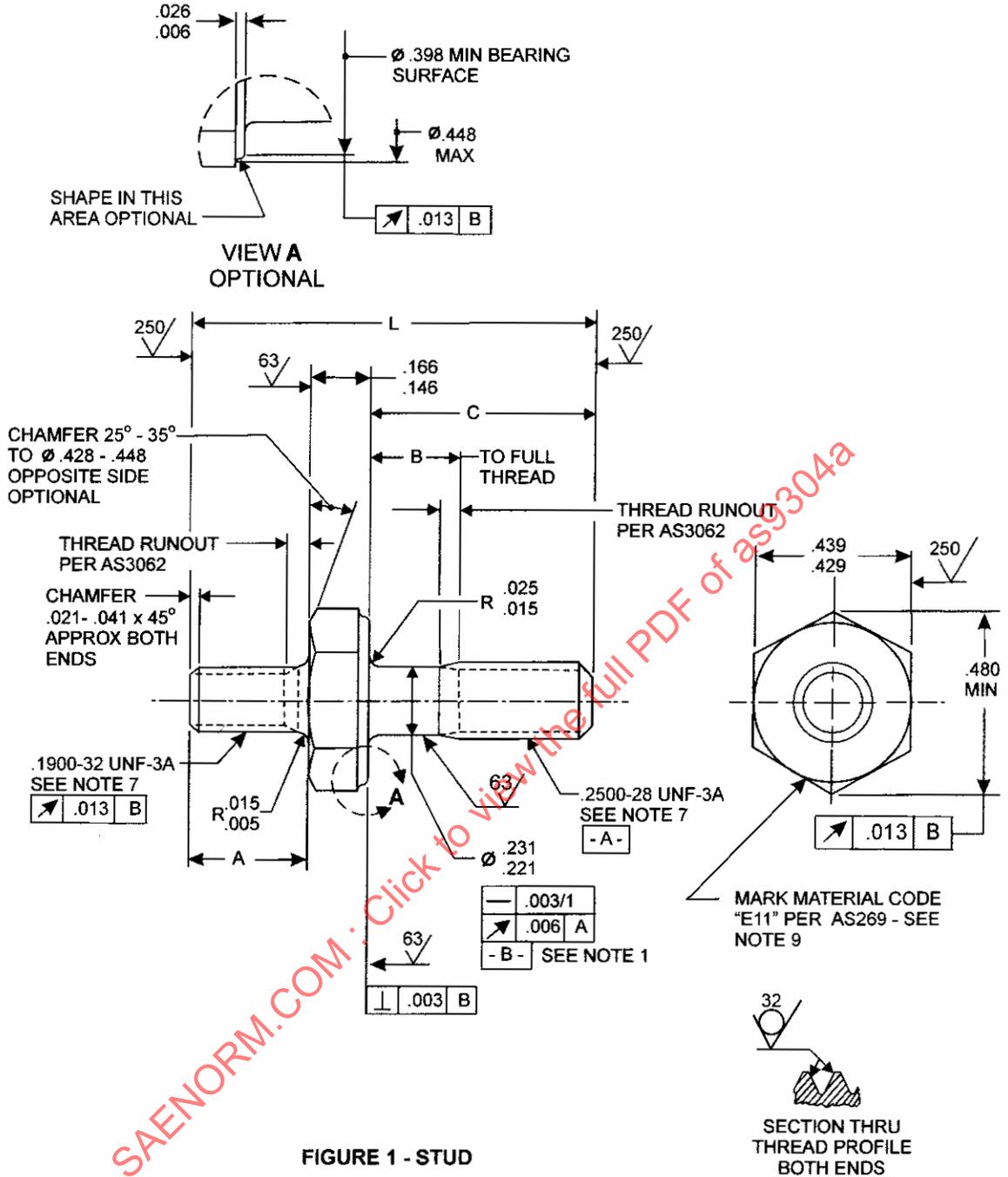
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TABLE 1 - PART NUMBERS AND DIMENSIONS.

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9304-001	.365 - .385	1/	.490 - .510	1.031	1.52
MS9304-002	.365 - .385	1/	.552 - .572	1.094	1.59
MS9304-003	.365 - .385	1/	.615 - .625	1.156	1.66
MS9304-004	.365 - .385	1/	.678 - .698	1.219	1.73
MS9304-005	.365 - .385	1/	.740 - .760	1.281	1.80
MS9304-006	.365 - .385	1/	.802 - .822	1.344	1.87
MS9304-007	.365 - .385	.065 - .125	.865 - .885	1.406	1.94
MS9304-008	.365 - .385	.128 - .188	.928 - .948	1.469	2.01
MS9304-009	.365 - .385	.190 - .250	.990 - 1.010	1.531	2.08
MS9304-010	.365 - .385	.252 - .312	1.052 - 1.072	1.594	2.15
MS9304-011	.365 - .385	.315 - .375	1.115 - 1.135	1.656	2.22
MS9304-012	.365 - .385	.378 - .438	1.178 - 1.198	1.719	2.29
MS9304-013	.365 - .385	.440 - .500	1.240 - 1.260	1.781	2.36
MS9304-014	.365 - .385	.502 - .562	1.302 - 1.322	1.844	2.43
MS9304-015	.365 - .385	.565 - .625	1.365 - 1.385	1.906	2.50
MS9304-016	.365 - .385	.628 - .688	1.428 - 1.448	1.969	2.57
MS9304-017	.365 - .385	.690 - .750	1.490 - 1.510	2.031	2.64
MS9304-018	.365 - .385	.752 - .812	1.552 - 1.572	2.094	2.71
MS9304-019	.365 - .385	.815 - .875	1.615 - 1.635	2.156	2.78
MS9304-020	.365 - .385	.878 - .938	1.678 - 1.698	2.219	2.85
MS9304-021	.365 - .385	.940 - 1.000	1.740 - 1.760	2.281	2.92
MS9304-022	.365 - .385	1.002 - 1.062	1.802 - 1.822	2.344	2.99
MS9304-023	.365 - .385	1.065 - 1.125	1.865 - 1.885	2.406	3.06
MS9304-024	.365 - .385	1.128 - 1.188	1.928 - 1.948	2.469	3.13
MS9304-025	.365 - .385	1.190 - 1.250	1.990 - 2.010	2.531	3.20

TABLE 1 - PART NUMBERS AND DIMENSIONS - CONTINUED.

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9304-050	.428 - .448	1/	.490 - .510	1.094	1.59
MS9304-051	.428 - .448	1/	.552 - .572	1.156	1.66
MS9304-052	.428 - .448	1/	.615 - .625	1.219	1.73
MS9304-053	.428 - .448	1/	.678 - .698	1.281	1.80
MS9304-054	.428 - .448	1/	.740 - .760	1.344	1.87
MS9304-055	.428 - .448	1/	.802 - .822	1.406	1.94
MS9304-056	.428 - .448	.065 - .125	.865 - .885	1.469	2.01
MS9304-057	.428 - .448	.128 - .188	.928 - .948	1.531	2.08
MS9304-058	.428 - .448	.190 - .250	.990 - 1.010	1.594	2.15
MS9304-059	.428 - .448	.252 - .312	1.052 - 1.072	1.656	2.22
MS9304-060	.428 - .448	.315 - .375	1.115 - 1.135	1.719	2.29
MS9304-061	.428 - .448	.378 - .438	1.178 - 1.198	1.781	2.36
MS9304-062	.428 - .448	.440 - .500	1.240 - 1.260	1.844	2.43
MS9304-063	.428 - .448	.502 - .562	1.302 - 1.322	1.906	2.50
MS9304-064	.428 - .448	.565 - .625	1.365 - 1.385	1.969	2.57
MS9304-065	.428 - .448	.628 - .688	1.428 - 1.448	2.031	2.64
MS9304-066	.428 - .448	.690 - .750	1.490 - 1.510	2.094	2.71
MS9304-067	.428 - .448	.752 - .812	1.552 - 1.572	2.156	2.78
MS9304-068	.428 - .448	.815 - .875	1.615 - 1.635	2.219	2.85
MS9304-069	.428 - .448	.878 - .938	1.678 - 1.698	2.281	2.92
MS9304-070	.428 - .448	.940 - 1.000	1.740 - 1.760	2.344	2.99
MS9304-071	.428 - .448	1.002 - 1.062	1.802 - 1.822	2.406	3.06
MS9304-072	.428 - .448	1.065 - 1.125	1.865 - 1.885	2.469	3.13
MS9304-073	.428 - .448	1.128 - 1.188	1.928 - 1.948	2.531	3.20
MS9304-074	.428 - .448	1.190 - 1.250	1.990 - 2.010	2.594	3.27

TABLE 1 - PART NUMBERS AND DIMENSIONS - CONTINUED.

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9304-100	.490 - .510	<u>1/</u>	.490 - .510	1.156	1.66
MS9304-101	.490 - .510	<u>1/</u>	.552 - .572	1.219	1.73
MS9304-102	.490 - .510	<u>1/</u>	.615 - .625	1.281	1.80
MS9304-103	.490 - .510	<u>1/</u>	.678 - .698	1.344	1.87
MS9304-104	.490 - .510	<u>1/</u>	.740 - .760	1.406	1.94
MS9304-105	.490 - .510	<u>1/</u>	.802 - .822	1.469	2.01
MS9304-106	.490 - .510	.065 - .125	.865 - .885	1.531	2.08
MS9304-107	.490 - .510	.128 - .188	.928 - .948	1.594	2.15
MS9304-108	.490 - .510	.190 - .250	.990 - 1.010	1.656	2.22
MS9304-109	.490 - .510	.252 - .312	1.052 - 1.072	1.719	2.29
MS9304-110	.490 - .510	.315 - .375	1.115 - 1.135	1.781	2.36
MS9304-111	.490 - .510	.378 - .438	1.178 - 1.198	1.844	2.43
MS9304-112	.490 - .510	.440 - .500	1.240 - 1.260	1.906	2.50
MS9304-113	.490 - .510	.502 - .562	1.302 - 1.322	1.969	2.57
MS9304-114	.490 - .510	.565 - .625	1.365 - 1.385	2.031	2.64
MS9304-115	.490 - .510	.628 - .688	1.428 - 1.448	2.094	2.71
MS9304-116	.490 - .510	.690 - .750	1.490 - 1.510	2.156	2.78
MS9304-117	.490 - .510	.752 - .812	1.552 - 1.572	2.219	2.85
MS9304-118	.490 - .510	.815 - .875	1.615 - 1.635	2.281	2.92
MS9304-119	.490 - .510	.878 - .938	1.678 - 1.698	2.344	2.99
MS9304-120	.490 - .510	.940 - 1.000	1.740 - 1.760	2.406	3.06
MS9304-121	.490 - .510	1.002 - 1.062	1.802 - 1.822	2.469	3.13
MS9304-122	.490 - .510	1.065 - 1.125	1.865 - 1.885	2.531	3.20
MS9304-123	.490 - .510	1.128 - 1.188	1.928 - 1.948	2.594	3.27
MS9304-124	.490 - .510	1.190 - 1.250	1.990 - 2.010	2.656	3.34

TABLE 1 - PART NUMBERS AND DIMENSIONS - CONTINUED.

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9304-150	.552 - .572	<u>1/</u>	.490 - .510	1.219	1.73
MS9304-151	.552 - .572	<u>1/</u>	.552 - .572	1.281	1.80
MS9304-152	.552 - .572	<u>1/</u>	.615 - .625	1.344	1.87
MS9304-153	.552 - .572	<u>1/</u>	.678 - .698	1.406	1.94
MS9304-154	.552 - .572	<u>1/</u>	.740 - .760	1.469	2.01
MS9304-155	.552 - .572	<u>1/</u>	.802 - .822	1.531	2.08
MS9304-156	.552 - .572	.065 - .125	.865 - .885	1.594	2.15
MS9304-157	.552 - .572	.128 - .188	.928 - .948	1.656	2.22
MS9304-158	.552 - .572	.190 - .250	.990 - 1.010	1.719	2.29
MS9304-159	.552 - .572	.252 - .312	1.052 - 1.072	1.781	2.36
MS9304-160	.552 - .572	.315 - .375	1.115 - 1.135	1.844	2.43
MS9304-161	.552 - .572	.378 - .438	1.178 - 1.198	1.906	2.50
MS9304-162	.552 - .572	.440 - .500	1.240 - 1.260	1.969	2.57
MS9304-163	.552 - .572	.502 - .562	1.302 - 1.322	2.031	2.64
MS9304-164	.552 - .572	.565 - .625	1.365 - 1.385	2.094	2.71
MS9304-165	.552 - .572	.628 - .688	1.428 - 1.448	2.156	2.78
MS9304-166	.552 - .572	.690 - .750	1.490 - 1.510	2.219	2.85
MS9304-167	.552 - .572	.752 - .812	1.552 - 1.572	2.281	2.92
MS9304-168	.552 - .572	.815 - .875	1.615 - 1.635	2.344	2.99
MS9304-169	.552 - .572	.878 - .938	1.678 - 1.698	2.406	3.06
MS9304-170	.552 - .572	.940 - 1.000	1.740 - 1.760	2.469	3.13
MS9304-171	.552 - .572	1.002 - 1.062	1.802 - 1.822	2.531	3.20
MS9304-172	.552 - .572	1.065 - 1.125	1.865 - 1.885	2.594	3.27
MS9304-173	.552 - .572	1.128 - 1.188	1.928 - 1.948	2.656	3.34
MS9304-174	.552 - .572	1.190 - 1.250	1.990 - 2.010	2.719	3.41

1/ THREAD TO HEAD. MAXIMUM TWO INCOMPLETE THREADS.