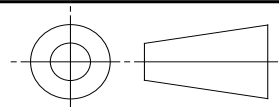


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REV. C	RATIONALE THIS NONCURRENT STANDARD HAS BEEN STABILIZED.		FEDERAL SUPPLY CLASS 5307	
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		SAE values your input. To provide feedback on this Technical Report, please visit http://www.sae.org/technical/standards/AS9304C		THIRD ANGLE PROJECTION 
CUSTODIAN: E-25		PROCUREMENT SPECIFICATION: AS7452		
		AEROSPACE STANDARD STUD, SHOULDERED, STEPPED, HEX, WRENCHING, STEEL UNS G887400, CADMIUM PLATED, 125 KSI MIN, .1900-32 UNF-3A X .2500-28 UNF-3A		AS9304
				REV. C

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ISSUED 1999-12 REVISED 2009-02 STABILIZED 2014-08

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9304B, NOTICE 1. THIS SAE STANDARD RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

ANY REQUIREMENTS ASSOCIATED WITH QUALIFIED PRODUCTS LISTS (QPL) MAY CONTINUE TO BE MANDATORY FOR DOD CONTRACTS, REQUIREMENTS RELATING TO QPL'S HAVE NOT BEEN ADOPTED BY THE SAE FOR THIS STANDARD AND ARE NOT PART OF THIS SAE DOCUMENT.

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	AEROSPACE STANDARD	AS9304 SHEET 1 OF 5	REV. C
	STUD, SHOULDERED, STEPPED, HEX, WRENCHING, STEEL UNS G887400, CADMIUM PLATED, 125 KSI MIN, .1900-32 UNF-3A X .2500-28 UNF-3A		

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

**AEROSPACE STANDARD**

STUD, SHOULDERED, STEPPED, HEX, WRENCHING,
STEEL UNS G887400, CADMIUM PLATED, 125 KSI MIN,
.1900-32 UNF-3A X .2500-28 UNF-3A

AS9304
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