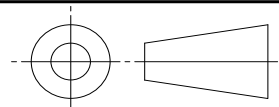


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REV. B	FEDERAL SUPPLY CLASS 5307		
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AS9312	SAENORM.COM : Click to view the full PDF of as9312b		
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CUSTODIAN: E-25			
	AEROSPACE STANDARD STUD, SHOULDERED, STEPPED, HEX, WRENCHING, DRILLED, STEEL, UNS G87400, CAD, PLATED, 125 KSI MIN, .2500-28 UNF-3A X .3750-24 UNF-3A		AS9312
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THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9312B. 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.

WARNING

THIS DOCUMENT INCLUDES CADMIUM AS A PLATING MATERIAL. THE USE OF CADMIUM HAS BEEN RESTRICTED AND/OR BANNED FOR USE IN MANY COUNTRIES DUE TO ENVIRONMENTAL AND HEALTH CONCERNS. THE USER SHOULD CONSULT WITH LOCAL OFFICIALS ON THE ENVIRONMENTAL AND HEALTH REGULATIONS REGARDING ITS USE.

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	AEROSPACE STANDARD	AS9312 SHEET 1 OF 7	REV. B
	STUD, SHOULDERED, STEPPED, HEX, WRENCHING, DRILLED, STEEL, UNS G87400, CAD, PLATED, 125 KSI MIN, .2500-28 UNF-3A X .3750-24 UNF-3A		

TABLE 1 - PART NUMBERS AND DIMENSIONS.

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9312-001	.428 - .448	<u>1/</u>	.740 - .760	1.406	4.14
MS9312-002	.428 - .448	<u>1/</u>	.802 - .822	1.469	4.31
MS9312-003	.428 - .448	<u>1/</u>	.865 - .885	1.531	4.48
MS9312-004	.428 - .448	<u>1/</u>	.928 - .948	1.594	4.65
MS9312-005	.428 - .448	<u>1/</u>	.990 - 1.010	1.656	4.82
MS9312-006	.428 - .448	<u>1/</u>	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

**AEROSPACE STANDARD**

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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 SHEET 3 OF 7

**REV.
 B**

TABLE 1 - PART NUMBERS AND DIMENSIONS. - CONTINUED

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9312-050	.490 - .510	<u>1/</u>	.740 - .760	1.469	4.21
MS9312-051	.490 - .510	<u>1/</u>	.802 - .822	1.531	4.38
MS9312-052	.490 - .510	<u>1/</u>	.865 - .885	1.594	4.55
MS9312-053	.490 - .510	<u>1/</u>	.928 - .948	1.656	4.72
MS9312-054	.490 - .510	<u>1/</u>	.990 - 1.010	1.719	4.89
MS9312-055	.490 - .510	<u>1/</u>	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



AEROSPACE STANDARD

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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 SHEET 4 OF 7

REV.
 B

TABLE 1 - PART NUMBERS AND DIMENSIONS. - CONTINUED

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9312-100	.552 - .572	<u>1/</u>	.740 - .760	1.531	4.28
MS9312-101	.552 - .572	<u>1/</u>	.802 - .822	1.594	4.45
MS9312-102	.552 - .572	<u>1/</u>	.865 - .885	1.656	4.62
MS9312-103	.552 - .572	<u>1/</u>	.928 - .948	1.719	4.79
MS9312-104	.552 - .572	<u>1/</u>	.990 - 1.010	1.781	4.96
MS9312-105	.552 - .572	<u>1/</u>	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

**AEROSPACE STANDARD**

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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