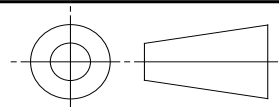


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REV. C	RATIONALE THIS NONCURRENT STANDARD HAS BEEN STABILIZED.		FEDERAL SUPPLY CLASS 5307	
AS9307	STABILIZED NOTICE THIS DOCUMENT HAS BEEN DECLARED "STABILIZED" BY THE SAE E-25 GENERAL STANDARDS FOR AEROSPACE AND PROPULSION SYSTEMS COMMITTEE AND WILL NO LONGER BE SUBJECTED TO PERIODIC REVIEWS FOR CURRENCY. USERS ARE RESPONSIBLE FOR VERIFYING REFERENCES AND CONTINUED SUITABILITY OF TECHNICAL REQUIREMENTS. NEWER TECHNOLOGY MAY EXIST.			
		SAE values your input. To provide feedback on this Technical Report, please visit http://www.sae.org/technical/standards/AS9307C		THIRD ANGLE PROJECTION 
CUSTODIAN: E-25		PROCUREMENT SPECIFICATION: AS7452		
		AEROSPACE STANDARD STUD, SHOULDERED, STEPPED, HEX, WRENCHING, STEEL UNS G87400, CADMIUM PLATED, 125 KSI MIN, .2500-28 UNF-3A X .3750-24 UNF-3A		AS9307
				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 MS9307B, 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	AS9307 SHEET 1 OF 7	REV. C
	STUD, SHOULDERED, STEPPED, HEX, WRENCHING, STEEL UNS G87400, CADMIUM PLATED, 125 KSI MIN, .2500-28 UNF-3A X .3750-24 UNF-3A		

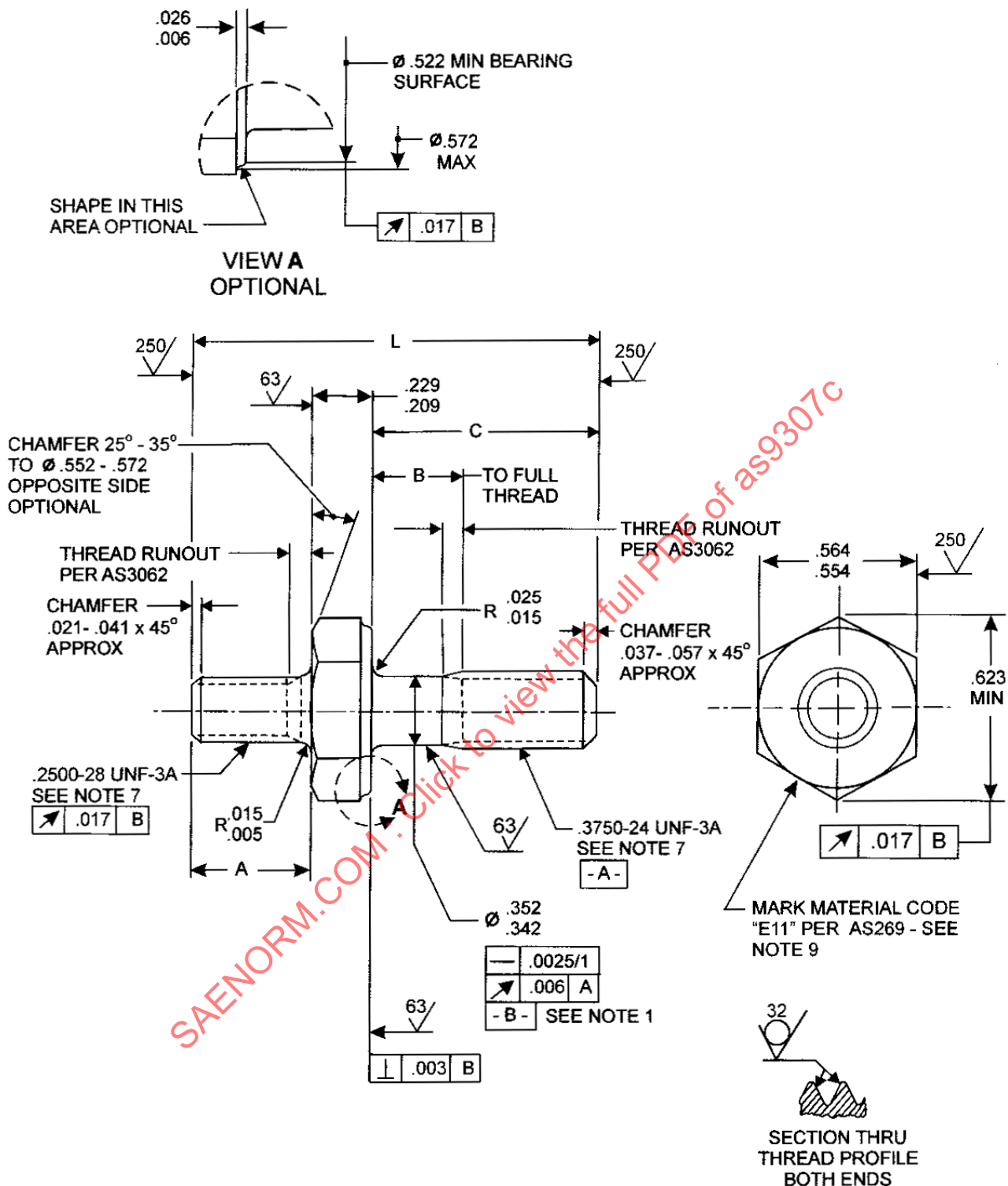


FIGURE 1 - STUD

	AEROSPACE STANDARD STUD, SHOULDERED, STEPPED, HEX, WRENCHING, STEEL UNS G87400, CADMIUM PLATED, 125 KSI MIN, .2500-28 UNF-3A X .3750-24 UNF-3A	AS9307 SHEET 2 OF 7	REV. C
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TABLE 1 – PART NUMBERS AND DIMENSIONS

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9307-001	.428 - .448	1/	.740 - .760	1.406	4.16
MS9307-002	.428 - .448	1/	.802 - .822	1.469	4.33
MS9307-003	.428 - .448	1/	.865 - .885	1.531	4.50
MS9307-004	.428 - .448	1/	.928 - .948	1.594	4.67
MS9307-005	.428 - .448	1/	.990 - 1.010	1.656	4.84
MS9307-006	.428 - .448	1/	1.052 - 1.072	1.719	5.01
MS9307-007	.428 - .448	.065 - .125	1.115 - 1.135	1.781	5.18
MS9307-008	.428 - .448	.128 - .188	1.178 - 1.198	1.844	5.35
MS9307-009	.428 - .448	.190 - .250	1.240 - 1.260	1.906	5.52
MS9307-010	.428 - .448	.252 - .312	1.302 - 1.322	1.969	5.69
MS9307-011	.428 - .448	.315 - .375	1.365 - 1.385	2.031	5.86
MS9307-012	.428 - .448	.378 - .438	1.428 - 1.448	2.094	6.03
MS9307-013	.428 - .448	.440 - .500	1.490 - 1.510	2.156	6.20
MS9307-014	.428 - .448	.502 - .562	1.552 - 1.572	2.219	6.37
MS9307-015	.428 - .448	.565 - .625	1.615 - 1.635	2.281	6.54
MS9307-016	.428 - .448	.628 - .688	1.678 - 1.698	2.344	6.71
MS9307-017	.428 - .448	.690 - .750	1.740 - 1.760	2.406	6.88
MS9307-018	.428 - .448	.752 - .812	1.802 - 1.822	2.469	7.05
MS9307-019	.428 - .448	.815 - .875	1.865 - 1.885	2.531	7.22
MS9307-020	.428 - .448	.878 - .938	1.928 - 1.948	2.594	7.39
MS9307-021	.428 - .448	.940 - 1.000	1.990 - 2.010	2.656	7.56
MS9307-022	.428 - .448	1.002 - 1.062	2.052 - 2.072	2.719	7.73
MS9307-023	.428 - .448	1.065 - 1.125	2.115 - 2.135	2.781	7.90
MS9307-024	.428 - .448	1.190 - 1.250	2.240 - 2.260	2.906	8.24
MS9307-025	.428 - .448	1.315 - 1.375	2.365 - 2.385	3.031	8.58
MS9307-026	.428 - .448	1.440 - 1.500	2.490 - 2.510	3.156	8.92
MS9307-027	.428 - .448	1.565 - 1.625	2.615 - 2.635	3.281	9.26
MS9307-028	.428 - .448	1.690 - 1.750	2.740 - 2.760	3.406	9.60
MS9307-029	.428 - .448	1.815 - 1.875	2.865 - 2.885	3.531	9.94
MS9307-030	.428 - .448	1.940 - 2.000	2.990 - 3.010	3.656	10.28

**AEROSPACE STANDARD**

STUD, SHOULDERED, STEPPED, HEX, WRENCHING,
STEEL UNS G87400, CADMIUM PLATED, 125 KSI MIN,
.2500-28 UNF-3A X .3750-24 UNF-3A

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REV.
C

TABLE 1 – PART NUMBERS AND DIMENSIONS - CONTINUED

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9307-050	.490 - .510	$\frac{1}{16}$	.740 - .760	1.469	4.33
MS9307-051	.490 - .510	$\frac{1}{16}$	.802 - .822	1.531	4.50
MS9307-052	.490 - .510	$\frac{1}{16}$	.865 - .885	1.594	4.67
MS9307-053	.490 - .510	$\frac{1}{16}$	.928 - .948	1.656	4.84
MS9307-054	.490 - .510	$\frac{1}{16}$	.990 - 1.010	1.719	5.01
MS9307-055	.490 - .510	$\frac{1}{16}$	1.052 - 1.072	1.781	5.18
MS9307-056	.490 - .510	.065 - .125	1.115 - 1.135	1.844	5.35
MS9307-057	.490 - .510	.128 - .188	1.178 - 1.198	1.906	5.52
MS9307-058	.490 - .510	.190 - .250	1.240 - 1.260	1.969	5.69
MS9307-059	.490 - .510	.252 - .312	1.302 - 1.322	2.031	5.86
MS9307-060	.490 - .510	.315 - .375	1.365 - 1.385	2.094	6.03
MS9307-061	.490 - .510	.378 - .438	1.428 - 1.448	2.156	6.20
MS9307-062	.490 - .510	.440 - .500	1.490 - 1.510	2.219	6.37
MS9307-063	.490 - .510	.502 - .562	1.552 - 1.572	2.281	6.54
MS9307-064	.490 - .510	.565 - .625	1.615 - 1.635	2.344	6.71
MS9307-065	.490 - .510	.628 - .688	1.678 - 1.698	2.406	6.88
MS9307-066	.490 - .510	.690 - .750	1.740 - 1.760	2.469	7.05
MS9307-067	.490 - .510	.752 - .812	1.802 - 1.822	2.531	7.22
MS9307-068	.490 - .510	.815 - .875	1.865 - 1.885	2.594	7.39
MS9307-069	.490 - .510	.878 - .938	1.928 - 1.948	2.656	7.56
MS9307-070	.490 - .510	.940 - 1.000	1.990 - 2.010	2.719	7.73
MS9307-071	.490 - .510	1.002 - 1.062	2.052 - 2.072	2.781	7.90
MS9307-072	.490 - .510	1.065 - 1.125	2.115 - 2.135	2.844	8.07
MS9307-073	.490 - .510	1.190 - 1.250	2.240 - 2.260	2.969	8.41
MS9307-074	.490 - .510	1.315 - 1.375	2.365 - 2.385	3.094	8.75
MS9307-075	.490 - .510	1.440 - 1.500	2.490 - 2.510	3.219	9.09
MS9307-076	.490 - .510	1.565 - 1.625	2.615 - 2.635	3.344	9.43
MS9307-077	.490 - .510	1.690 - 1.750	2.740 - 2.760	3.469	9.77
MS9307-078	.490 - .510	1.815 - 1.875	2.865 - 2.885	3.594	10.11
MS9307-079	.490 - .510	1.940 - 2.000	2.990 - 3.010	3.719	10.45

**AEROSPACE STANDARD**

STUD, SHOULDERED, STEPPED, HEX, WRENCHING,
STEEL UNS G87400, CADMIUM PLATED, 125 KSI MIN,
.2500-28 UNF-3A X .3750-24 UNF-3A

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TABLE 1 – PART NUMBERS AND DIMENSIONS - CONTINUED

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9307-100	.552 - .572	$\frac{1}{1}$	.740 - .760	1.531	4.50
MS9307-101	.552 - .572	$\frac{1}{1}$	.802 - .822	1.594	4.67
MS9307-102	.552 - .572	$\frac{1}{1}$	.865 - .885	1.656	4.84
MS9307-103	.552 - .572	$\frac{1}{1}$	.928 - .948	1.719	5.01
MS9307-104	.552 - .572	$\frac{1}{1}$	.990 - 1.010	1.781	5.18
MS9307-105	.552 - .572	$\frac{1}{1}$	1.052 - 1.072	1.844	5.35
MS9307-106	.552 - .572	.065 - .125	1.115 - 1.135	1.906	5.52
MS9307-107	.552 - .572	.128 - .188	1.178 - 1.198	1.969	5.69
MS9307-108	.552 - .572	.190 - .250	1.240 - 1.260	2.031	5.86
MS9307-109	.552 - .572	.252 - .312	1.302 - 1.322	2.094	6.03
MS9307-110	.552 - .572	.315 - .375	1.365 - 1.385	2.156	6.20
MS9307-111	.552 - .572	.378 - .438	1.428 - 1.448	2.219	6.37
MS9307-112	.552 - .572	.440 - .500	1.490 - 1.510	2.281	6.54
MS9307-113	.552 - .572	.502 - .562	1.552 - 1.572	2.344	6.71
MS9307-114	.552 - .572	.565 - .625	1.615 - 1.635	2.406	6.88
MS9307-115	.552 - .572	.628 - .688	1.678 - 1.698	2.469	7.05
MS9307-116	.552 - .572	.690 - .750	1.740 - 1.760	2.531	7.22
MS9307-117	.552 - .572	.752 - .812	1.802 - 1.822	2.593	7.39
MS9307-118	.552 - .572	.815 - .875	1.865 - 1.885	2.656	7.56
MS9307-119	.552 - .572	.878 - .938	1.928 - 1.948	2.719	7.73
MS9307-120	.552 - .572	.940 - 1.000	1.990 - 2.010	2.781	7.90
MS9307-121	.552 - .572	1.002 - 1.062	2.052 - 2.072	2.844	8.07
MS9307-122	.552 - .572	1.065 - 1.125	2.115 - 2.135	2.906	8.24
MS9307-123	.552 - .572	1.190 - 1.250	2.240 - 2.260	3.031	8.58
MS9307-124	.552 - .572	1.315 - 1.375	2.365 - 2.385	3.156	8.92
MS9307-125	.552 - .572	1.440 - 1.500	2.490 - 2.510	3.281	9.26
MS9307-126	.552 - .572	1.565 - 1.625	2.615 - 2.635	3.406	9.60
MS9307-127	.552 - .572	1.690 - 1.750	2.740 - 2.760	3.531	9.94
MS9307-128	.552 - .572	1.815 - 1.875	2.865 - 2.885	3.656	10.28
MS9307-129	.552 - .572	1.940 - 2.000	2.990 - 3.010	3.781	10.62

**AEROSPACE STANDARD**

STUD, SHOULDERED, STEPPED, HEX, WRENCHING,
STEEL UNS G87400, CADMIUM PLATED, 125 KSI MIN,
.2500-28 UNF-3A X .3750-24 UNF-3A

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