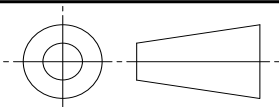


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REV. C	FEDERAL SUPPLY CLASS 5307 RATIONALE THIS NONCURRENT STANDARD HAS BEEN STABILIZED. STABILIZED NOTICE THIS DOCUMENT HAS BEEN DECLARED "STABILIZED" BY THE SAE E-25 GENERAL STANDARDS FOR AEROSPACE AND PROPULSION SYSTEMS COMMITTEE AND WILL NO LONGER BE SUBJECTED TO PERIODIC REVIEWS FOR CURRENCY. USERS ARE RESPONSIBLE FOR VERIFYING REFERENCES AND CONTINUED SUITABILITY OF TECHNICAL REQUIREMENTS. NEWER TECHNOLOGY MAY EXIST.		ISSUED 1999-12 REVISED 2009-02 STABILIZED 2014-08
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CUSTODIAN: E-25		PROCUREMENT SPECIFICATION: AS7452	
		AEROSPACE STANDARD STUD, SHOULDERED, HEXAGON WRENCHING, STEEL UNS G87400, CADMIUM PLATED, 125 KSI MIN, .1900-32 UNF-3A X .1900-32 UNF-3A	
		AS9303	REV. C

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9303B, 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	AS9303 SHEET 1 OF 5	REV. C
	STUD, SHOULDERED, HEXAGON WRENCHING, STEEL UNS G87400, CADMIUM PLATED, 125 KSI MIN, .1900-32 UNF-3A X .1900-32 UNF-3A		

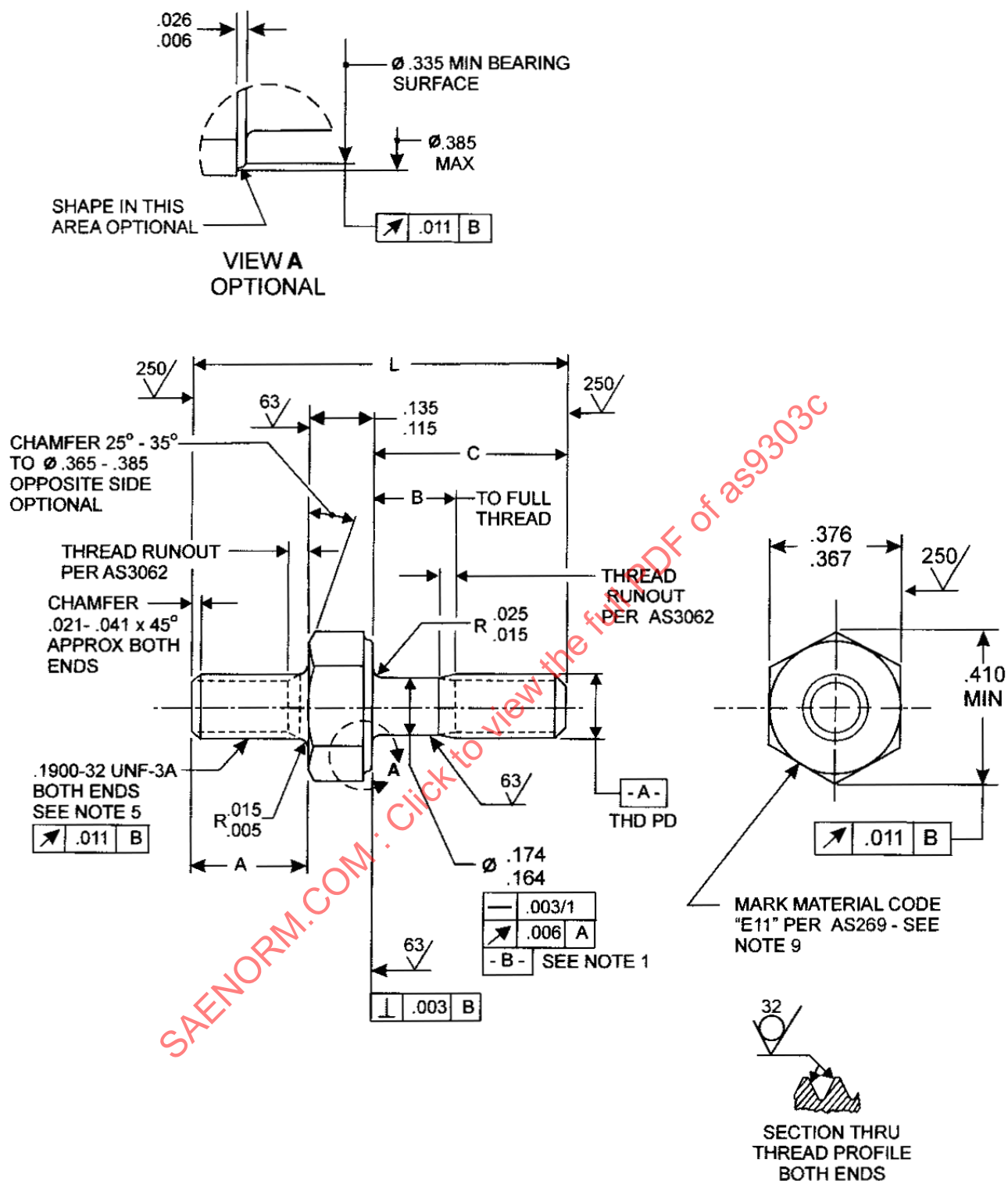


FIGURE 1 - STUD

	AEROSPACE STANDARD	AS9303 SHEET 2 OF 5	REV. C
	STUD, SHOULDERS, HEXAGON WRENCHING, STEEL UNS G87400, CADMIUM PLATED, 125 KSI MIN, .1900-32 UNF-3A X .1900-32 UNF-3A		

TABLE 1 – PART NUMBERS AND DIMENSIONS

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9303-001	.365 - .385	1/	.365 - .385	.875	.90
MS9303-002	.365 - .385	1/	.428 - .448	.938	.94
MS9303-003	.365 - .385	1/	.490 - .510	1.000	.98
MS9303-004	.365 - .385	1/	.552 - .572	1.062	1.02
MS9303-005	.365 - .385	1/	.615 - .635	1.125	1.06
MS9303-006	.365 - .385	1/	.678 - .698	1.188	1.10
MS9303-007	.365 - .385	.065 - .125	.740 - .760	1.250	1.14
MS9303-008	.365 - .385	.128 - .188	.802 - .822	1.312	1.18
MS9303-009	.365 - .385	.190 - .250	.865 - .885	1.375	1.22
MS9303-010	.365 - .385	.252 - .312	.928 - .948	1.438	1.26
MS9303-011	.365 - .385	.315 - .375	.990 - 1.010	1.500	1.30
MS9303-012	.365 - .385	.378 - .438	1.052 - 1.072	1.562	1.34
MS9303-013	.365 - .385	.440 - .500	1.115 - 1.135	1.625	1.38
MS9303-014	.365 - .385	.502 - .562	1.178 - 1.198	1.688	1.42
MS9303-015	.365 - .385	.565 - .625	1.240 - 1.260	1.750	1.46
MS9303-016	.365 - .385	.628 - .688	1.302 - 1.322	1.812	1.50
MS9303-017	.365 - .385	.690 - .750	1.365 - 1.385	1.875	1.54
MS9303-018	.365 - .385	.752 - .812	1.428 - 1.448	1.938	1.58
MS9303-019	.365 - .385	.815 - .875	1.490 - 1.510	2.000	1.62
MS9303-020	.365 - .385	.878 - .938	1.552 - 1.572	2.062	1.66
MS9303-021	.365 - .385	.940 - 1.000	1.615 - 1.635	2.125	1.70
MS9303-022	.365 - .385	1.002 - 1.062	1.678 - 1.698	2.188	1.74
MS9303-023	.365 - .385	1.065 - 1.125	1.740 - 1.760	2.250	1.78

TABLE 1 – PART NUMBERS AND DIMENSIONS – CONTINUED

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9303-050	.428 - .448	1/	.365 - .385	.938	.94
MS9303-051	.428 - .448	1/	.428 - .448	1.000	.98
MS9303-052	.428 - .448	1/	.490 - .510	1.062	1.02
MS9303-053	.428 - .448	1/	.552 - .572	1.125	1.06
MS9303-054	.428 - .448	1/	.615 - .635	1.188	1.10
MS9303-055	.428 - .448	1/	.678 - .698	1.250	1.14
MS9303-056	.428 - .448	.065 - .125	.740 - .760	1.312	1.18
MS9303-057	.428 - .448	.128 - .188	.802 - .822	1.375	1.22
MS9303-058	.428 - .448	.190 - .250	.865 - .885	1.438	1.26
MS9303-059	.428 - .448	.252 - .312	.928 - .948	1.500	1.30
MS9303-060	.428 - .448	.315 - .375	.990 - 1.010	1.562	1.34
MS9303-061	.428 - .448	.378 - .438	1.052 - 1.072	1.625	1.38
MS9303-062	.428 - .448	.440 - .500	1.115 - 1.135	1.688	1.42
MS9303-063	.428 - .448	.502 - .562	1.178 - 1.198	1.750	1.46
MS9303-064	.428 - .448	.565 - .625	1.240 - 1.260	1.812	1.50
MS9303-065	.428 - .448	.628 - .688	1.302 - 1.322	1.875	1.54
MS9303-066	.428 - .448	.690 - .750	1.365 - 1.385	1.938	1.58
MS9303-067	.428 - .448	.752 - .812	1.428 - 1.448	2.000	1.62
MS9303-068	.428 - .448	.815 - .875	1.490 - 1.510	2.062	1.66
MS9303-069	.428 - .448	.878 - .938	1.552 - 1.572	2.125	1.70
MS9303-070	.428 - .448	.940 - 1.000	1.615 - 1.635	2.188	1.74
MS9303-071	.428 - .448	1.002 - 1.062	1.678 - 1.698	2.250	1.78
MS9303-072	.428 - .448	1.065 - 1.125	1.740 - 1.760	2.312	1.82

**AEROSPACE STANDARD**

STUD, SHOULDERS, HEXAGON WRENCHING,
STEEL UNS G87400, CADMIUM PLATED, 125 KSI MIN,
.1900-32 UNF-3A X .1900-32 UNF-3A

AS9303
SHEET 3 OF 5

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