FEDERAL SUPPLY CLASS
5307

RATIONALE

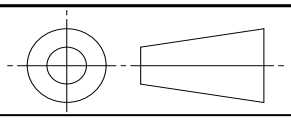
THIS NONCURRENT STANDARD HAS BEEN STABILIZED.

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

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7452

SAE INTERNATIONAL

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

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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.

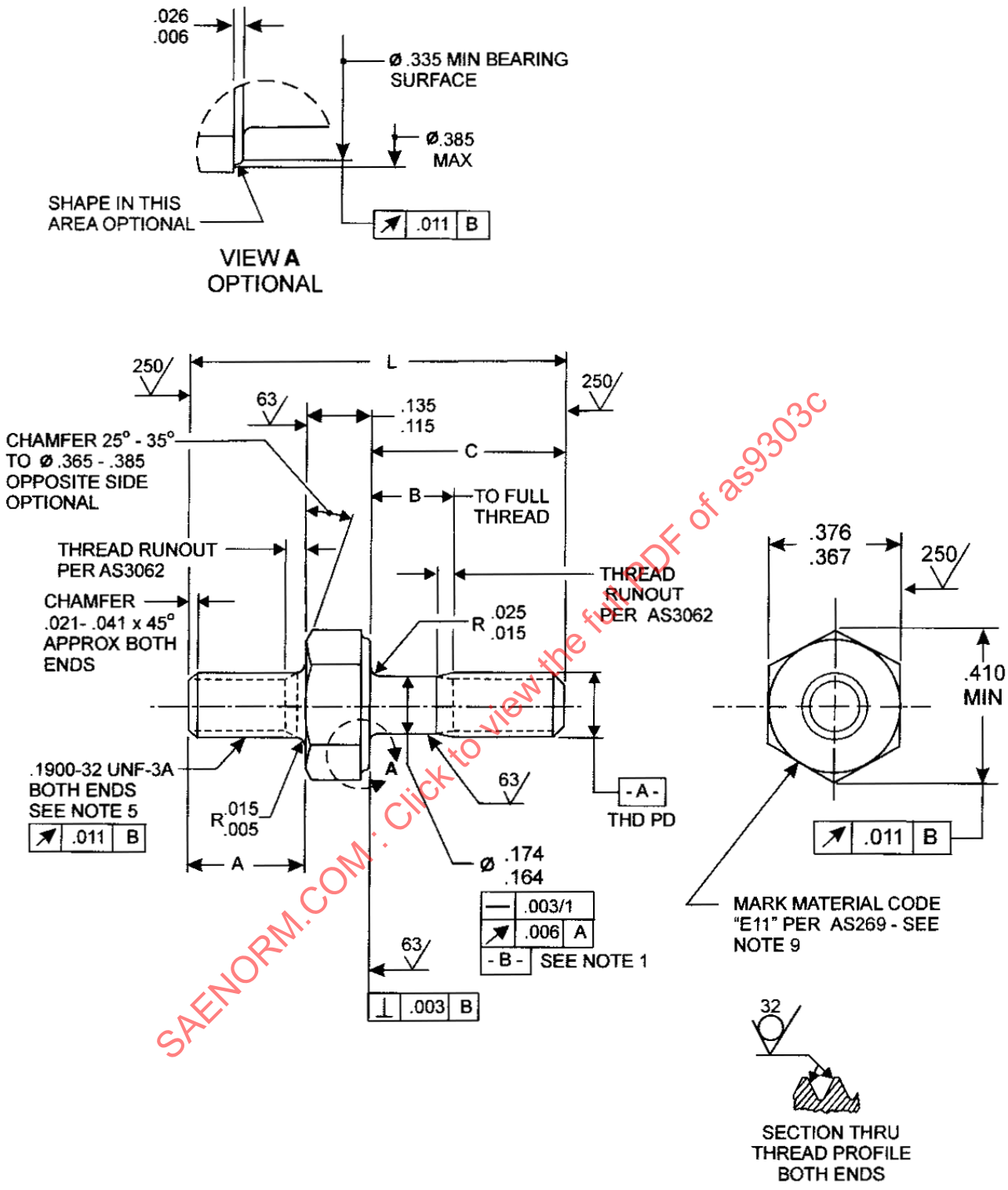

FIGURE 1 – STUD

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