

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."
 SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

REV. C

AS9305

FEDERAL SUPPLY CLASS
5307

RATIONALE

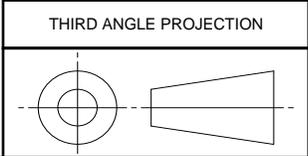
THIS NONCURRENT STANDARD HAS BEEN STABILIZED.

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 SUBJECT TO PERIODIC REVIEWS FOR CURRENCY. USERS ARE RESPONSIBLE FOR VERIFYING REFERENCES AND CONTINUED SUITABILITY OF TECHNICAL REQUIREMENTS. NEWER TECHNOLOGY MAY EXIST.

SAENORM.COM : Click to view the full PDF of as9305c

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS9305C>



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7452



AEROSPACE STANDARD

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

AS9305

REV. C

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 MS9305B, 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.

SAENORM.COM : Click to view the full PDF of as9305c

	AEROSPACE STANDARD	AS9305 SHEET 1 OF 5	REV. C
	STUD, SHOULDERED, HEXAGON WRENCHING, STEEL UNS G87400, CADMIUM PLATED, 125 KSI MIN, .2500-28 UNF-3A X .2500-28 UNF-3A		

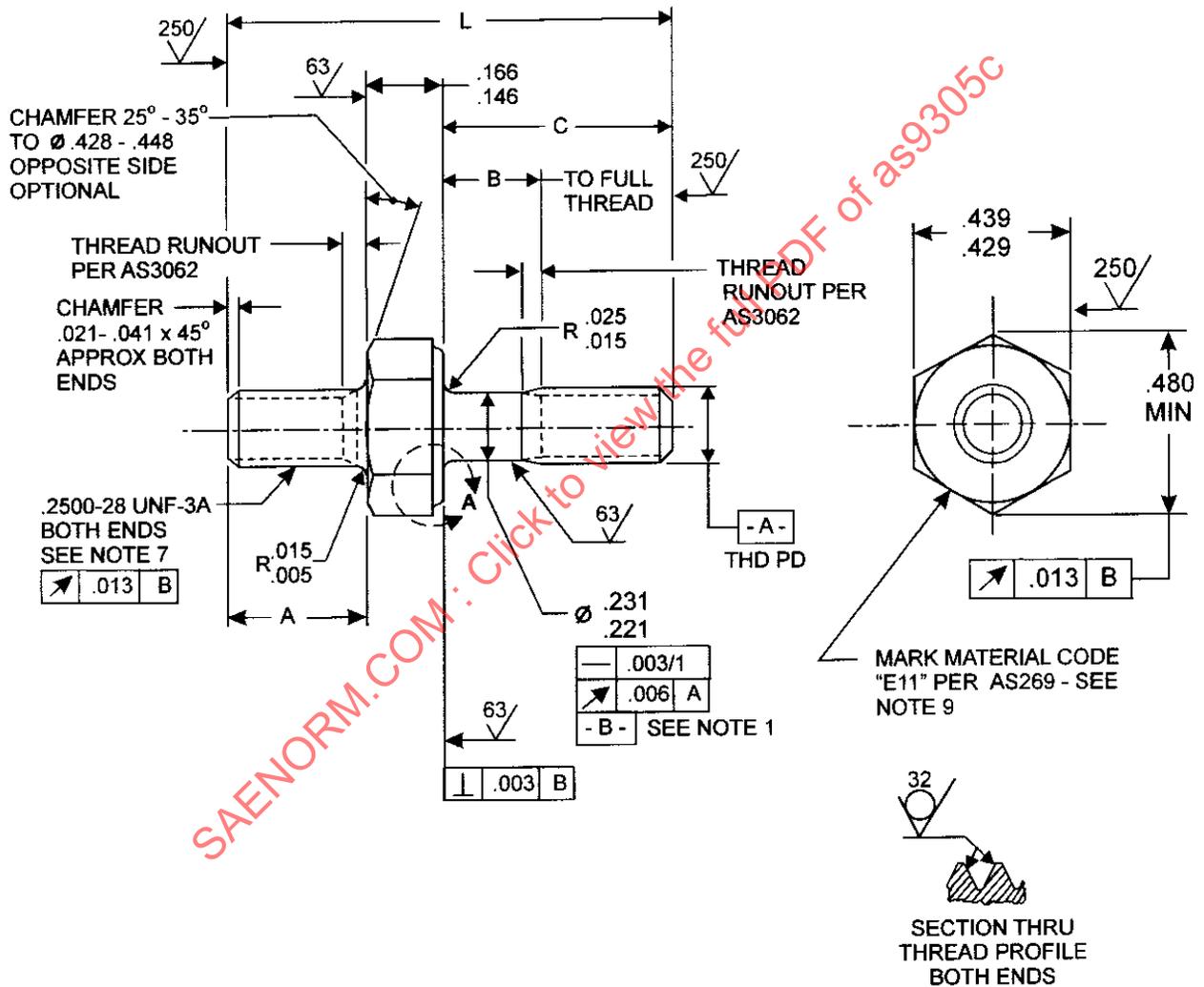
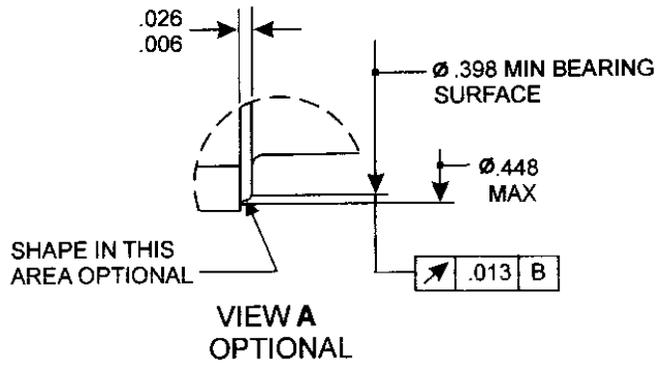


FIGURE 1 - STUD

	AEROSPACE STANDARD	AS9305 SHEET 2 OF 5	REV. C
	STUD, SHOULDERS, HEXAGON WRENCHING, STEEL UNS G87400, CADMIUM PLATED, 125 KSI MIN, .2500-28 UNF-3A X .2500-28 UNF-3A		

TABLE 1 – PART NUMBERS AND DIMENSIONS

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9305-001	.428 - .448	1/	.490 - .510	1.094	1.80
MS9305-002	.428 - .448	1/	.552 - .572	1.156	1.87
MS9305-003	.428 - .448	1/	.615 - .625	1.219	1.93
MS9305-004	.428 - .448	1/	.678 - .698	1.281	2.00
MS9305-005	.428 - .448	1/	.740 - .760	1.344	2.07
MS9305-006	.428 - .448	1/	.802 - .822	1.406	2.14
MS9305-007	.428 - .448	.065 - .125	.865 - .885	1.469	2.21
MS9305-008	.428 - .448	.128 - .188	.928 - .948	1.531	2.28
MS9305-009	.428 - .448	.190 - .250	.990 - 1.010	1.594	2.35
MS9305-010	.428 - .448	.252 - .312	1.052 - 1.072	1.656	2.42
MS9305-011	.428 - .448	.315 - .375	1.115 - 1.135	1.719	2.49
MS9305-012	.428 - .448	.378 - .438	1.178 - 1.198	1.781	2.56
MS9305-013	.428 - .448	.440 - .500	1.240 - 1.260	1.844	2.63
MS9305-014	.428 - .448	.502 - .562	1.302 - 1.322	1.906	2.70
MS9305-015	.428 - .448	.565 - .625	1.365 - 1.385	1.969	2.77
MS9305-016	.428 - .448	.628 - .688	1.428 - 1.448	2.031	2.84
MS9305-017	.428 - .448	.690 - .750	1.490 - 1.510	2.094	2.91
MS9305-018	.428 - .448	.752 - .812	1.552 - 1.572	2.156	2.98
MS9305-019	.428 - .448	.815 - .875	1.615 - 1.635	2.219	3.05
MS9305-020	.428 - .448	.878 - .938	1.678 - 1.698	2.281	3.12
MS9305-021	.428 - .448	.940 - 1.000	1.740 - 1.760	2.344	3.19
MS9305-022	.428 - .448	1.002 - 1.062	1.802 - 1.822	2.406	3.26
MS9305-023	.428 - .448	1.065 - 1.125	1.865 - 1.885	2.469	3.33
MS9305-024	.428 - .448	1.128 - 1.188	1.928 - 1.948	2.531	3.40
MS9305-025	.428 - .448	1.190 - 1.250	1.990 - 2.010	2.594	3.47

TABLE 1 – PART NUMBERS AND DIMENSIONS – CONTINUED

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9305-050	.490 - .510	1/	.490 - .510	1.156	1.87
MS9305-051	.490 - .510	1/	.552 - .572	1.219	1.94
MS9305-052	.490 - .510	1/	.615 - .625	1.281	2.01
MS9305-053	.490 - .510	1/	.678 - .698	1.344	2.08
MS9305-054	.490 - .510	1/	.740 - .760	1.406	2.15
MS9305-055	.490 - .510	1/	.802 - .822	1.469	2.22
MS9305-056	.490 - .510	.065 - .125	.865 - .885	1.531	2.29
MS9305-057	.490 - .510	.128 - .188	.928 - .948	1.594	2.36
MS9305-058	.490 - .510	.190 - .250	.990 - 1.010	1.656	2.43
MS9305-059	.490 - .510	.252 - .312	1.052 - 1.072	1.719	2.50
MS9305-060	.490 - .510	.315 - .375	1.115 - 1.135	1.781	2.57
MS9305-061	.490 - .510	.378 - .438	1.178 - 1.198	1.844	2.64
MS9305-062	.490 - .510	.440 - .500	1.240 - 1.260	1.906	2.71
MS9305-063	.490 - .510	.502 - .562	1.302 - 1.322	1.969	2.78
MS9305-064	.490 - .510	.565 - .625	1.365 - 1.385	2.031	2.85
MS9305-065	.490 - .510	.628 - .688	1.428 - 1.448	2.094	2.92
MS9305-066	.490 - .510	.690 - .750	1.490 - 1.510	2.156	2.99
MS9305-067	.490 - .510	.752 - .812	1.552 - 1.572	2.219	3.06
MS9305-068	.490 - .510	.815 - .875	1.615 - 1.635	2.281	3.13
MS9305-069	.490 - .510	.878 - .938	1.678 - 1.698	2.344	3.20
MS9305-070	.490 - .510	.940 - 1.000	1.740 - 1.760	2.406	3.27
MS9305-071	.490 - .510	1.002 - 1.062	1.802 - 1.822	2.469	3.34
MS9305-072	.490 - .510	1.065 - 1.125	1.865 - 1.885	2.531	3.41
MS9305-073	.490 - .510	1.128 - 1.188	1.928 - 1.948	2.594	3.48
MS9305-074	.490 - .510	1.190 - 1.250	1.990 - 2.010	2.656	3.55



AEROSPACE STANDARD

STUD, SHOULDERS, HEXAGON WRENCHING,
STEEL UNS G87400, CADMIUM PLATED, 125 KSI MIN,
.2500-28 UNF-3A X .2500-28 UNF-3A

AS9305
SHEET 3 OF 5

REV.
C