

REV. B	RATIONALE		FEDERAL SUPPLY CLASS 5307
	UPDATE CAMIUM NOTICE AND CORRECT TYPO FOR THE MPI REQUIREMENT IN NOTE 6.		
SAE AS9305	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.		
SAE values your input. To provide feedback on this Technical Report, please visit http://www.sae.org/technical/standards/AS9305B THIRD ANGLE PROJECTION		ISSUED 1999-12 REVISED 2005-03 REVISED 2009-02	
CUSTODIAN: SAE 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	SAE AS9305 SHEET 1 OF 5
		REV. B	

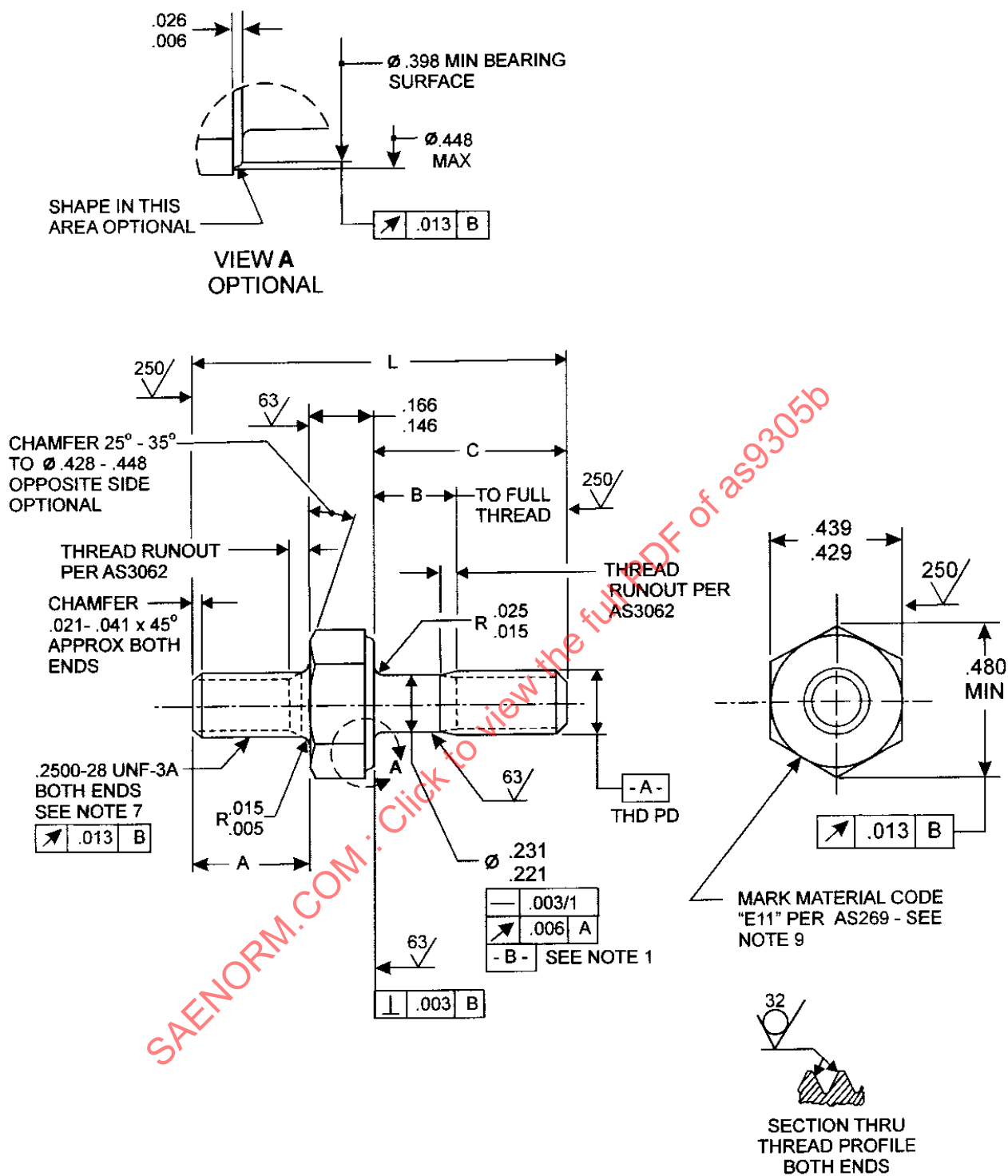


FIGURE 1 – STUD

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

TABLE 1 – PART NUMBERS AND DIMENSIONS - CONTINUED

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9305-100	.552 - .572	1/	.490 - .510	1.219	1.94
MS9305-101	.552 - .572	1/	.552 - .572	1.281	2.01
MS9305-102	.552 - .572	1/	.615 - .625	1.344	2.08
MS9305-103	.552 - .572	1/	.678 - .698	1.406	2.15
MS9305-104	.552 - .572	1/	.740 - .760	1.469	2.22
MS9305-105	.552 - .572	1/	.802 - .822	1.531	2.29
MS9305-106	.552 - .572	.065 - .125	.865 - .885	1.594	2.36
MS9305-107	.552 - .572	.128 - .188	.928 - .948	1.656	2.43
MS9305-108	.552 - .572	.190 - .250	.990 - 1.010	1.719	2.50
MS9305-109	.552 - .572	.252 - .312	1.052 - 1.072	1.781	2.57
MS9305-110	.552 - .572	.315 - .375	1.115 - 1.135	1.844	2.64
MS9305-111	.552 - .572	.378 - .438	1.178 - 1.198	1.906	2.71
MS9305-112	.552 - .572	.440 - .500	1.240 - 1.260	1.969	2.78
MS9305-113	.552 - .572	.502 - .562	1.302 - 1.322	2.031	2.85
MS9305-114	.552 - .572	.565 - .625	1.365 - 1.385	2.094	2.92
MS9305-115	.552 - .572	.628 - .688	1.428 - 1.448	2.156	2.99
MS9305-116	.552 - .572	.690 - .750	1.490 - 1.510	2.219	3.06
MS9305-117	.552 - .572	.752 - .812	1.552 - 1.572	2.281	3.13
MS9305-118	.552 - .572	.815 - .875	1.615 - 1.635	2.344	3.20
MS9305-119	.552 - .572	.878 - .938	1.678 - 1.698	2.406	3.27
MS9305-120	.552 - .572	.940 - 1.000	1.740 - 1.760	2.469	3.34
MS9305-121	.552 - .572	1.002 - 1.062	1.802 - 1.822	2.531	3.41
MS9305-122	.552 - .572	1.065 - 1.125	1.865 - 1.885	2.594	3.48
MS9305-123	.552 - .572	1.128 - 1.188	1.928 - 1.948	2.656	3.55
MS9305-124	.552 - .572	1.190 - 1.250	1.990 - 2.010	2.719	3.62

TABLE 1 – PART NUMBERS AND DIMENSIONS – CONTINUED

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9305-150	.615 - .635	1/	.490 - .510	1.281	2.01
MS9305-151	.615 - .635	1/	.552 - .572	1.344	2.08
MS9305-152	.615 - .635	1/	.615 - .625	1.406	2.15
MS9305-153	.615 - .635	1/	.678 - .698	1.469	2.22
MS9305-154	.615 - .635	1/	.740 - .760	1.531	2.29
MS9305-155	.615 - .635	1/	.802 - .822	1.594	2.36
MS9305-156	.615 - .635	.065 - .125	.865 - .885	1.656	2.43
MS9305-157	.615 - .635	.128 - .188	.928 - .948	1.719	2.50
MS9305-158	.615 - .635	.190 - .250	.990 - 1.010	1.781	2.57
MS9305-159	.615 - .635	.252 - .312	1.052 - 1.072	1.844	2.64
MS9305-160	.615 - .635	.315 - .375	1.115 - 1.135	1.906	2.71
MS9305-161	.615 - .635	.378 - .438	1.178 - 1.198	1.969	2.78
MS9305-162	.615 - .635	.440 - .500	1.240 - 1.260	2.031	2.85
MS9305-163	.615 - .635	.502 - .562	1.302 - 1.322	2.094	2.92
MS9305-164	.615 - .635	.565 - .625	1.365 - 1.385	2.156	2.99
MS9305-165	.615 - .635	.628 - .688	1.428 - 1.448	2.219	3.06
MS9305-166	.615 - .635	.690 - .750	1.490 - 1.510	2.281	3.13
MS9305-167	.615 - .635	.752 - .812	1.552 - 1.572	2.344	3.20
MS9305-168	.615 - .635	.815 - .875	1.615 - 1.635	2.406	3.27
MS9305-169	.615 - .635	.878 - .938	1.678 - 1.698	2.469	3.34
MS9305-170	.615 - .635	.940 - 1.000	1.740 - 1.760	2.531	3.41
MS9305-171	.615 - .635	1.002 - 1.062	1.802 - 1.822	2.594	3.48
MS9305-172	.615 - .635	1.065 - 1.125	1.865 - 1.885	2.656	3.55
MS9305-173	.615 - .635	1.128 - 1.188	1.928 - 1.948	2.719	3.62
MS9305-174	.615 - .635	1.190 - 1.250	1.990 - 2.010	2.781	3.69

1/ THREAD TO HEAD. MAXIMUM TWO INCOMPLETE THREADS