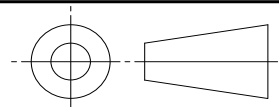


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CUSTODIAN: E-25		THIRD ANGLE PROJECTION 	
		AEROSPACE STANDARD STUD, SHOULDERED, STEPPED, HEX, WRENCHING, DRILLED, STEEL, UNS G878400, CAD, PLATED, 125 KSI MIN, .2500-28 UNF-3A X .3125-24 UNF-3A	
		AS9311	REV. B

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9311B. THIS SAE STANDARD RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

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	AEROSPACE STANDARD	AS9311 SHEET 1 OF 5	REV. B
	STUD, SHOULDERED, STEPPED, HEX, WRENCHING, DRILLED, STEEL, UNS G878400, CAD, PLATED, 125 KSI MIN, .2500-28 UNF-3A X .3125-24 UNF-3A		

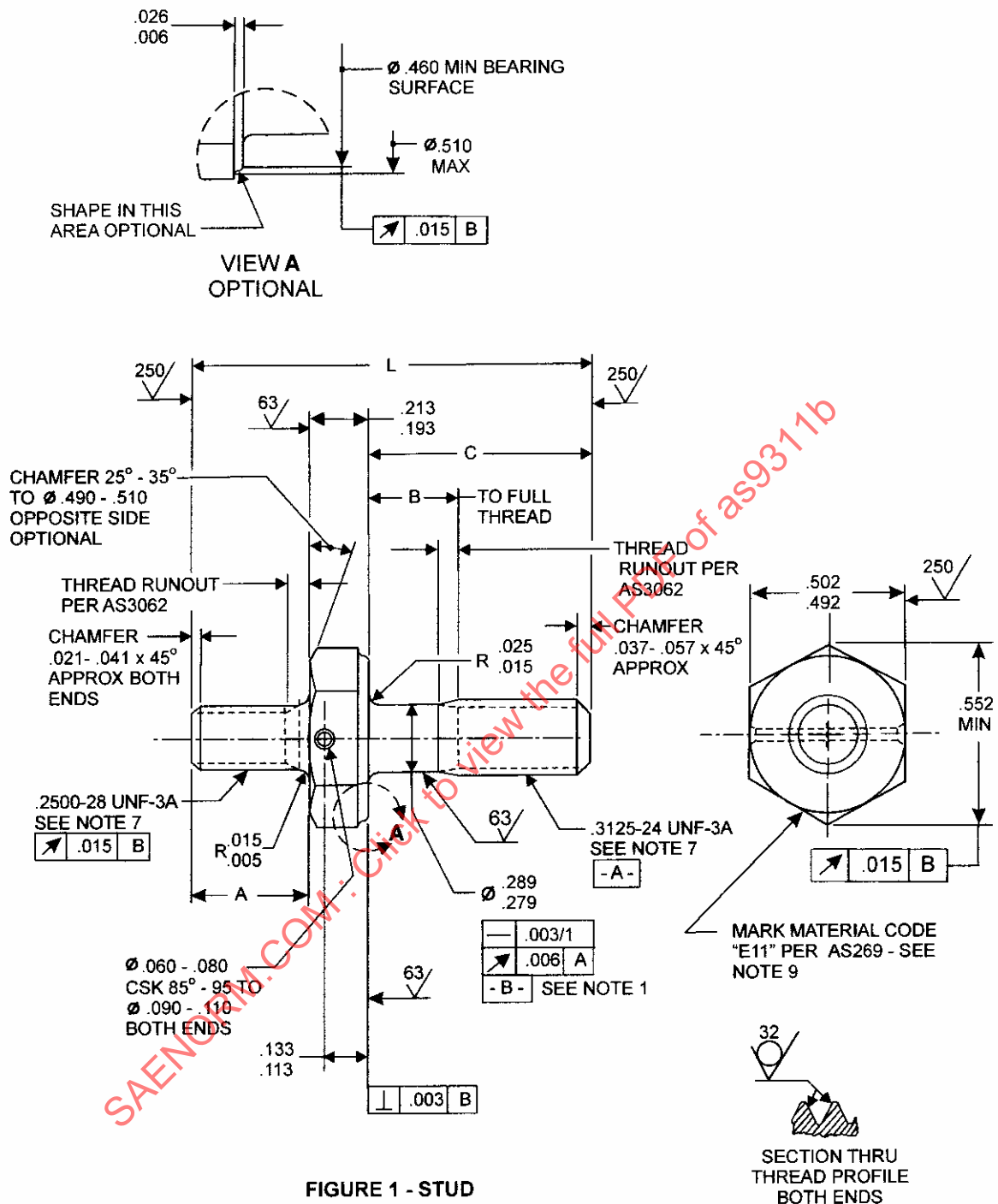


FIGURE 1 - STUD

TABLE 1 - PART NUMBERS AND DIMENSIONS.

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9311-001	.428 - .448	<u>1/</u>	.490 - .510	1.141	2.58
MS9311-002	.428 - .448	<u>1/</u>	.552 - .572	1.203	2.69
MS9311-003	.428 - .448	<u>1/</u>	.615 - .625	1.266	2.80
MS9311-004	.428 - .448	<u>1/</u>	.678 - .698	1.328	2.91
MS9311-005	.428 - .448	<u>1/</u>	.740 - .760	1.391	3.02
MS9311-006	.428 - .448	<u>1/</u>	.802 - .822	1.453	3.13
MS9311-007	.428 - .448	<u>1/</u>	.865 - .885	1.516	3.24
MS9311-008	.428 - .448	<u>1/</u>	.928 - .948	1.578	3.35
MS9311-009	.428 - .448	.065 - .125	.990 - 1.010	1.641	3.46
MS9311-010	.428 - .448	.128 - .188	1.052 - 1.072	1.703	3.57
MS9311-011	.428 - .448	.190 - .250	1.115 - 1.135	1.766	3.68
MS9311-012	.428 - .448	.252 - .312	1.178 - 1.198	1.828	3.79
MS9311-013	.428 - .448	.315 - .375	1.240 - 1.260	1.891	3.90
MS9311-014	.428 - .448	.378 - .438	1.302 - 1.322	1.953	4.01
MS9311-015	.428 - .448	.440 - .500	1.365 - 1.385	2.016	4.12
MS9311-016	.428 - .448	.502 - .562	1.428 - 1.448	2.078	4.23
MS9311-017	.428 - .448	.565 - .625	1.490 - 1.510	2.141	4.34
MS9311-018	.428 - .448	.628 - .688	1.552 - 1.572	2.203	4.45
MS9311-019	.428 - .448	.690 - .750	1.615 - 1.635	2.266	4.56
MS9311-020	.428 - .448	.752 - .812	1.678 - 1.698	2.328	4.67
MS9311-021	.428 - .448	.815 - .875	1.740 - 1.760	2.391	4.78
MS9311-022	.428 - .448	.878 - .938	1.802 - 1.822	2.453	4.89
MS9311-023	.428 - .448	.940 - 1.000	1.865 - 1.885	2.516	5.00
MS9311-024	.428 - .448	1.002 - 1.062	1.928 - 1.948	2.578	5.11
MS9311-025	.428 - .448	1.065 - 1.125	1.990 - 2.010	2.641	5.22

TABLE 1 - PART NUMBERS AND DIMENSIONS - CONTINUED.

PART NUMBER	A	B	C	L REF	APPROX. MASS LB/100
MS9311-050	.490 - .510	<u>1/</u>	.490 - .510	1.203	2.65
MS9311-051	.490 - .510	<u>1/</u>	.552 - .572	1.266	2.76
MS9311-052	.490 - .510	<u>1/</u>	.615 - .625	1.328	2.87
MS9311-053	.490 - .510	<u>1/</u>	.678 - .698	1.391	2.98
MS9311-054	.490 - .510	<u>1/</u>	.740 - .760	1.453	3.09
MS9311-055	.490 - .510	<u>1/</u>	.802 - .822	1.516	3.20
MS9311-056	.490 - .510	<u>1/</u>	.865 - .885	1.578	3.31
MS9311-057	.490 - .510	<u>1/</u>	.928 - .948	1.641	3.42
MS9311-058	.490 - .510	.065 - .125	.990 - 1.010	1.703	3.53
MS9311-059	.490 - .510	.128 - .188	1.052 - 1.072	1.766	3.64
MS9311-060	.490 - .510	.190 - .250	1.115 - 1.135	1.828	3.75
MS9311-061	.490 - .510	.252 - .312	1.178 - 1.198	1.891	3.86
MS9311-062	.490 - .510	.315 - .375	1.240 - 1.260	1.953	3.97
MS9311-063	.490 - .510	.378 - .438	1.302 - 1.322	2.016	4.08
MS9311-064	.490 - .510	.440 - .500	1.365 - 1.385	2.078	4.19
MS9311-065	.490 - .510	.502 - .562	1.428 - 1.448	2.141	4.30
MS9311-066	.490 - .510	.565 - .625	1.490 - 1.510	2.203	4.41
MS9311-067	.490 - .510	.628 - .688	1.552 - 1.572	2.266	4.52
MS9311-068	.490 - .510	.690 - .750	1.615 - 1.635	2.328	4.63
MS9311-069	.490 - .510	.752 - .812	1.678 - 1.698	2.391	4.74
MS9311-070	.490 - .510	.815 - .875	1.740 - 1.760	2.453	4.85
MS9311-071	.490 - .510	.878 - .938	1.802 - 1.822	2.516	4.96
MS9311-072	.490 - .510	.940 - 1.000	1.865 - 1.885	2.578	5.07
MS9311-073	.490 - .510	1.002 - 1.062	1.928 - 1.948	2.641	5.18
MS9311-074	.490 - .510	1.065 - 1.125	1.990 - 2.010	2.703	5.29



AEROSPACE STANDARD

STUD, SHOULDERED, STEPPED, HEX, WRENCHING,
 DRILLED, STEEL, UNS G878400, CAD, PLATED,
 125 KSI MIN, .2500-28 UNF-3A X .3125-24 UNF-3A

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