

ADD DATUM REQUIREMENTS FOR -03 THRU -18 LENGTHS (NEW NOTE 1) AND REVISE THREAD SPEC TO AS8879.

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9559E, AMENDMENT 2. 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.

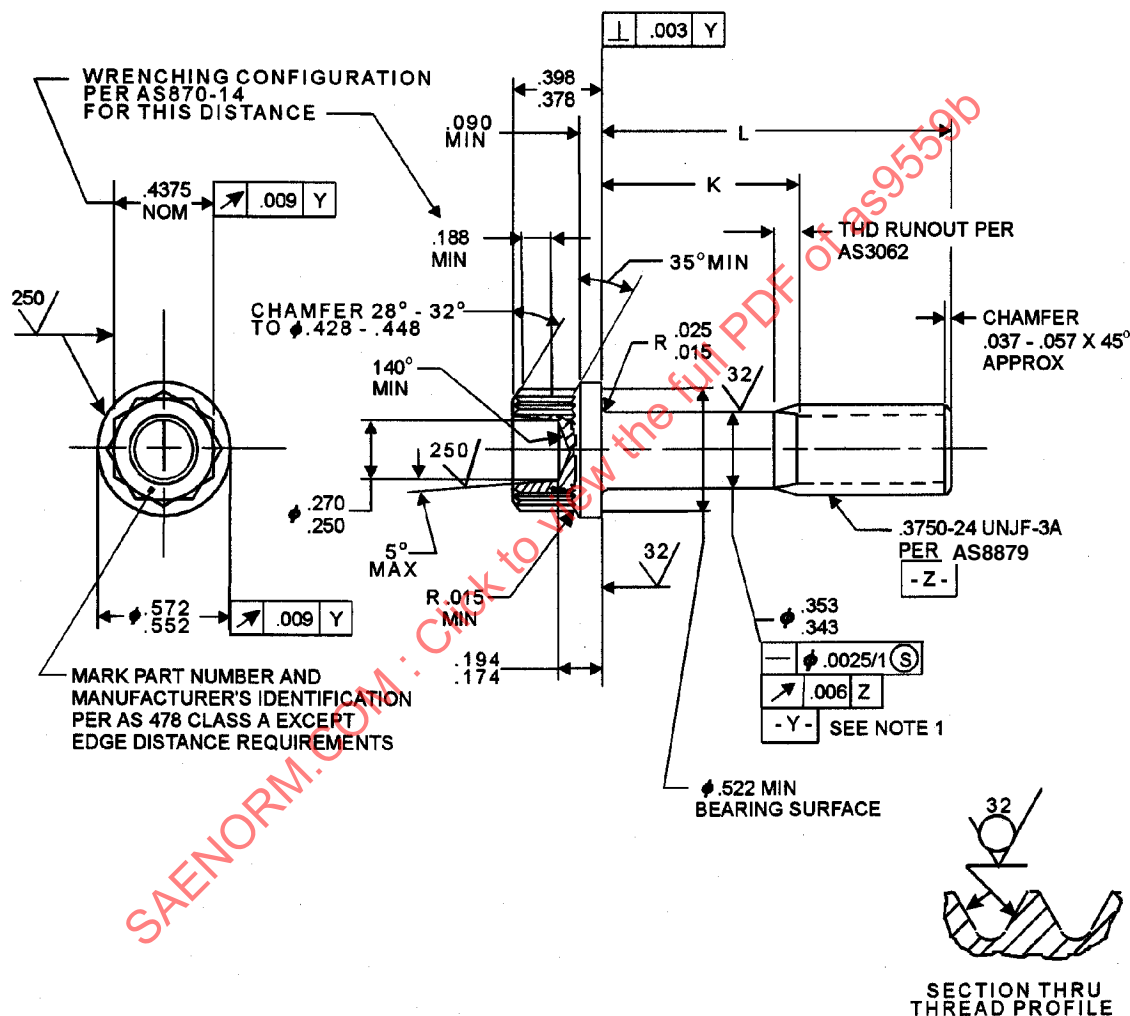


FIGURE 1 - BOLT

THIRD ANGLE PROJECTION



CUSTODIAN: SAE E-25



AEROSPACE STANDARD

BOLT, MACHINE - DOUBLE HEXAGON EXTENDED
WASHER HEAD, CORROSION AND HEAT RESISTANT
STEEL, UNS S66286, 130 KSI MIN, .3750-24 UNJF-3A

AS9559
SHEET 1 OF 3

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TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	K	APPROX. MASS LB/100	PART NO.	L	K	APPROX. MASS LB/100
MS9559-03	.552 - .572	.088 - .108	3.26	MS9559-33	3.115 - 3.135	2.065 - 2.125	10.13
MS9559-04	.615 - .635	.088 - .108	3.42	MS9559-34	3.240 - 3.260	2.190 - 2.250	10.47
MS9559-05	.678 - .698	.088 - .108	3.58	MS9559-35	3.365 - 3.385	2.315 - 2.375	10.80
MS9559-06	.740 - .760	.088 - .108	3.74	MS9559-36	3.490 - 3.510	2.440 - 2.500	11.14
MS9559-07	.802 - .822	.088 - .108	3.90	MS9559-37	3.615 - 3.635	2.565 - 2.625	11.47
MS9559-08	.865 - .885	.088 - .108	4.07	MS9559-38	3.740 - 3.760	2.690 - 2.750	11.80
MS9559-09	.928 - .948	.088 - .108	4.24	MS9559-39	3.865 - 3.885	2.815 - 2.875	12.14
MS9559-10	.990 - 1.010	.088 - .108	4.41	MS9559-40	3.990 - 4.010	2.940 - 3.000	12.47
MS9559-11	1.052 - 1.072	.088 - .108	4.58	MS9559-41	4.115 - 4.135	3.065 - 3.125	12.80
MS9559-12	1.115 - 1.135	.088 - .125	4.75	MS9559-42	4.240 - 4.260	3.190 - 3.250	13.13
MS9559-13	1.178 - 1.198	.128 - .188	4.91	MS9559-43	4.365 - 4.385	3.315 - 3.375	13.46
MS9559-14	1.240 - 1.260	.190 - .250	5.08	MS9559-44	4.490 - 4.510	3.440 - 3.500	13.89
MS9559-15	1.302 - 1.322	.252 - .312	5.25	MS9559-45	4.615 - 4.635	3.565 - 3.625	14.23
MS9559-16	1.365 - 1.385	.315 - .375	5.43	MS9559-46	4.740 - 4.760	3.690 - 3.750	14.56
MS9559-17	1.428 - 1.448	.378 - .438	5.60	MS9559-47	4.865 - 4.885	3.815 - 3.875	14.89
MS9559-18	1.490 - 1.510	.440 - .500	5.76	MS9559-48	4.990 - 5.010	3.940 - 4.000	15.23
MS9559-19	1.552 - 1.572	.502 - .562	5.93	MS9559-49	5.115 - 5.135	4.065 - 4.125	15.57
MS9559-20	1.615 - 1.635	.565 - .625	6.10	MS9559-50	5.240 - 5.260	4.190 - 4.250	15.90
MS9559-21	1.678 - 1.698	.628 - .688	6.27	MS9559-51	5.365 - 5.385	4.315 - 4.375	16.23
MS9559-22	1.740 - 1.760	.690 - .750	6.44	MS9559-52	5.490 - 5.510	4.440 - 4.500	16.58
MS9559-23	1.865 - 1.885	.815 - .875	6.77	MS9559-53	5.615 - 5.635	4.565 - 4.625	16.89
MS9559-24	1.990 - 2.010	.940 - 1.000	7.11	MS9559-54	5.740 - 5.760	4.690 - 4.750	17.23
MS9559-25	2.115 - 2.135	1.065 - 1.125	7.44	MS9559-55	5.865 - 5.885	4.815 - 4.875	17.57
MS9559-26	2.240 - 2.260	1.190 - 1.250	7.78	MS9559-56	5.990 - 6.010	4.940 - 5.000	17.91
MS9559-27	2.365 - 2.385	1.315 - 1.375	8.11	MS9559-57	1.802 - 1.822	.752 - .812	6.61
MS9559-28	2.490 - 2.510	1.440 - 1.500	8.44	MS9559-58	1.928 - 1.948	.878 - .938	6.94
MS9559-29	2.615 - 2.635	1.565 - 1.625	8.78				
MS9559-30	2.740 - 2.760	1.690 - 1.750	9.12				
MS9559-31	2.865 - 2.885	1.815 - 1.875	9.46				
MS9559-32	2.990 - 3.010	1.940 - 2.000	9.80				