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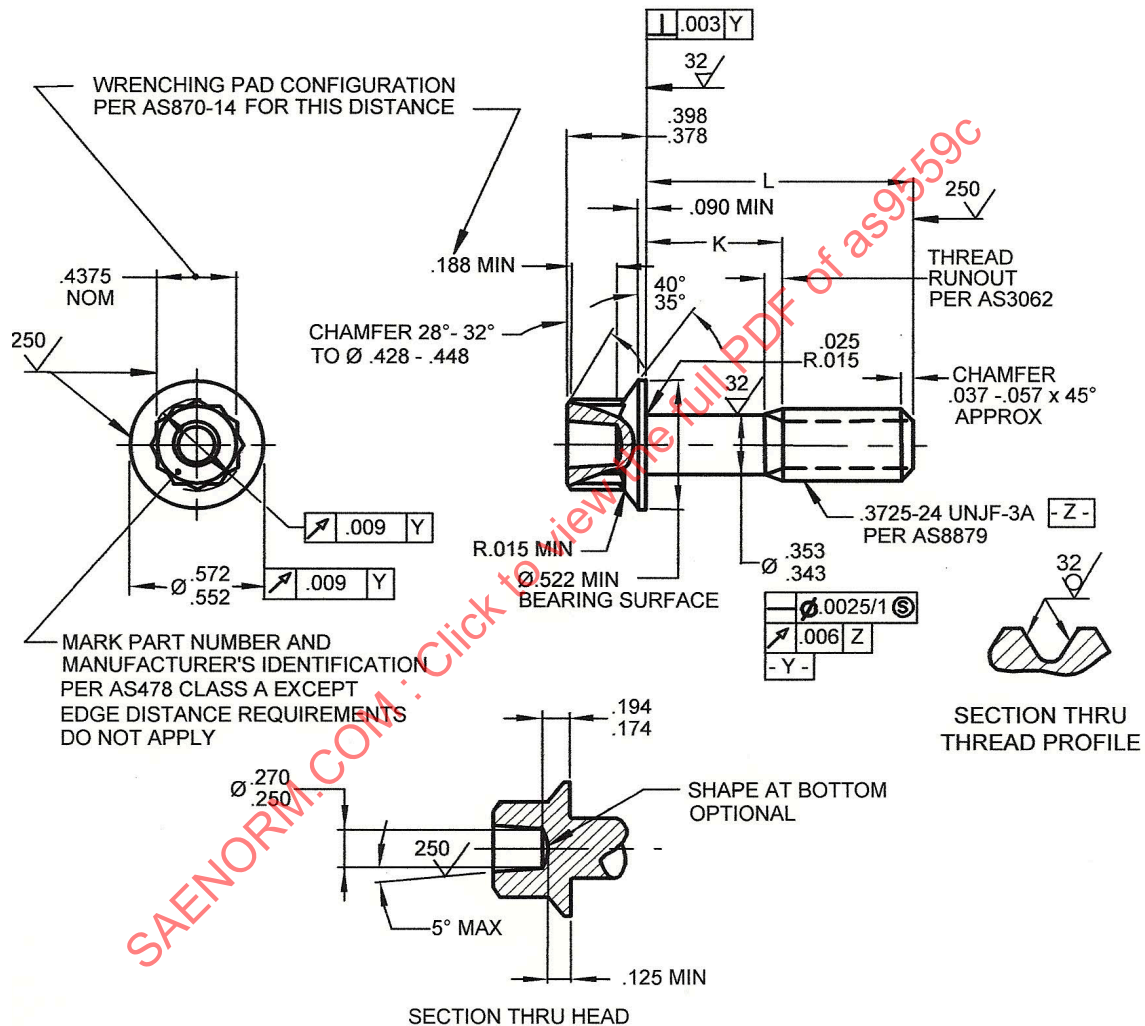
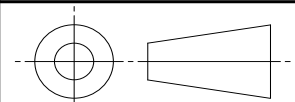


FIGURE 1 – BOLT

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THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7477

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

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

SAE AS9559
SHEET 1 OF 3

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SSUED 1999-04 REVISED 2012-04

TABLE 1 – PART NUMBERS AND DIMENSIONS

PART NUMBER	L	K	APPROX MASS LBF/100	PART NUMBER	L	K	APPROX MASS LBF/100
MS9559-03	.552 - .572	.088 - .108	3.26	MS9559-31	2.865 - 2.885	1.815 - 1.875	9.46
MS9559-04	.615 - .635	.088 - .108	3.42	MS9559-32	2.990 - 3.010	1.940 - 2.000	9.80
MS9559-05	.678 - .698	.088 - .108	3.58	MS9559-33	3.115 - 3.135	2.065 - 2.125	10.13
MS9559-06	.740 - .760	.088 - .108	3.74	MS9559-34	3.240 - 3.260	2.190 - 2.250	10.47
MS9559-07	.802 - .822	.088 - .108	3.90	MS9559-35	3.365 - 3.385	2.315 - 2.375	10.80
MS9559-08	.865 - .885	.088 - .108	4.07	MS9559-36	3.490 - 3.510	2.440 - 2.500	11.14
MS9559-09	.928 - .948	.088 - .108	4.24	MS9559-37	3.615 - 3.635	2.565 - 2.625	11.47
MS9559-10	.990 - 1.010	.088 - .108	4.41	MS9559-38	3.740 - 3.760	2.690 - 2.750	11.80
MS9559-11	1.052 - 1.072	.088 - .108	4.58	MS9559-39	3.865 - 3.885	2.815 - 2.875	12.14
MS9559-12	1.115 - 1.135	.088 - .125	4.75	MS9559-40	3.990 - 4.010	2.940 - 3.000	12.47
MS9559-13	1.178 - 1.198	.128 - .188	4.91	MS9559-41	4.115 - 4.135	3.065 - 3.125	12.80
MS9559-14	1.240 - 1.260	.190 - .250	5.08	MS9559-42	4.240 - 4.260	3.190 - 3.250	13.13
MS9559-15	1.302 - 1.322	.252 - .312	5.25	MS9559-43	4.365 - 4.385	3.315 - 3.375	13.46
MS9559-16	1.365 - 1.385	.315 - .375	5.43	MS9559-44	4.490 - 4.510	3.440 - 3.500	13.89
MS9559-17	1.428 - 1.448	.378 - .438	5.60	MS9559-45	4.615 - 4.635	3.565 - 3.625	14.23
MS9559-18	1.490 - 1.510	.440 - .500	5.76	MS9559-46	4.740 - 4.760	3.690 - 3.750	14.56
MS9559-19	1.552 - 1.572	.502 - .562	5.93	MS9559-47	4.865 - 4.885	3.815 - 3.875	14.89
MS9559-20	1.615 - 1.635	.565 - .625	6.10	MS9559-48	4.990 - 5.010	3.940 - 4.000	15.23
MS9559-21	1.678 - 1.698	.628 - .688	6.27	MS9559-49	5.115 - 5.135	4.065 - 4.125	15.57
MS9559-22	1.740 - 1.760	.690 - .750	6.44	MS9559-50	5.240 - 5.260	4.190 - 4.250	15.90
MS9559-57	1.802 - 1.822	.752 - .812	6.61	MS9559-51	5.365 - 5.385	4.315 - 4.375	16.23
MS9559-23	1.865 - 1.885	.815 - .875	6.77	MS9559-52	5.490 - 5.510	4.440 - 4.500	16.58
MS9559-58	1.928 - 1.948	.878 - .938	6.94	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				
MS9559-28	2.490 - 2.510	1.440 - 1.500	8.44				
MS9559-29	2.615 - 2.635	1.565 - 1.625	8.78				
MS9559-30	2.740 - 2.760	1.690 - 1.750	9.12				

DASH NUMBERS 57 AND 58 ARE IN LENGTH ORDER