

REV.
C

SAE AS9558

FEDERAL SUPPLY CLASS
5306

RATIONALE

FIGURE REDRAWN, GENERAL REVISION TO ALLOW OPTIONAL SHAPE AT BOTTOM OF LIGHTENING HOLE, RELOCATE RUNOUT REQUIREMENT FOR WRENCHING ELEMENT AND SURFACE FINISH REQUIREMENT FOR END.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9558E, 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.

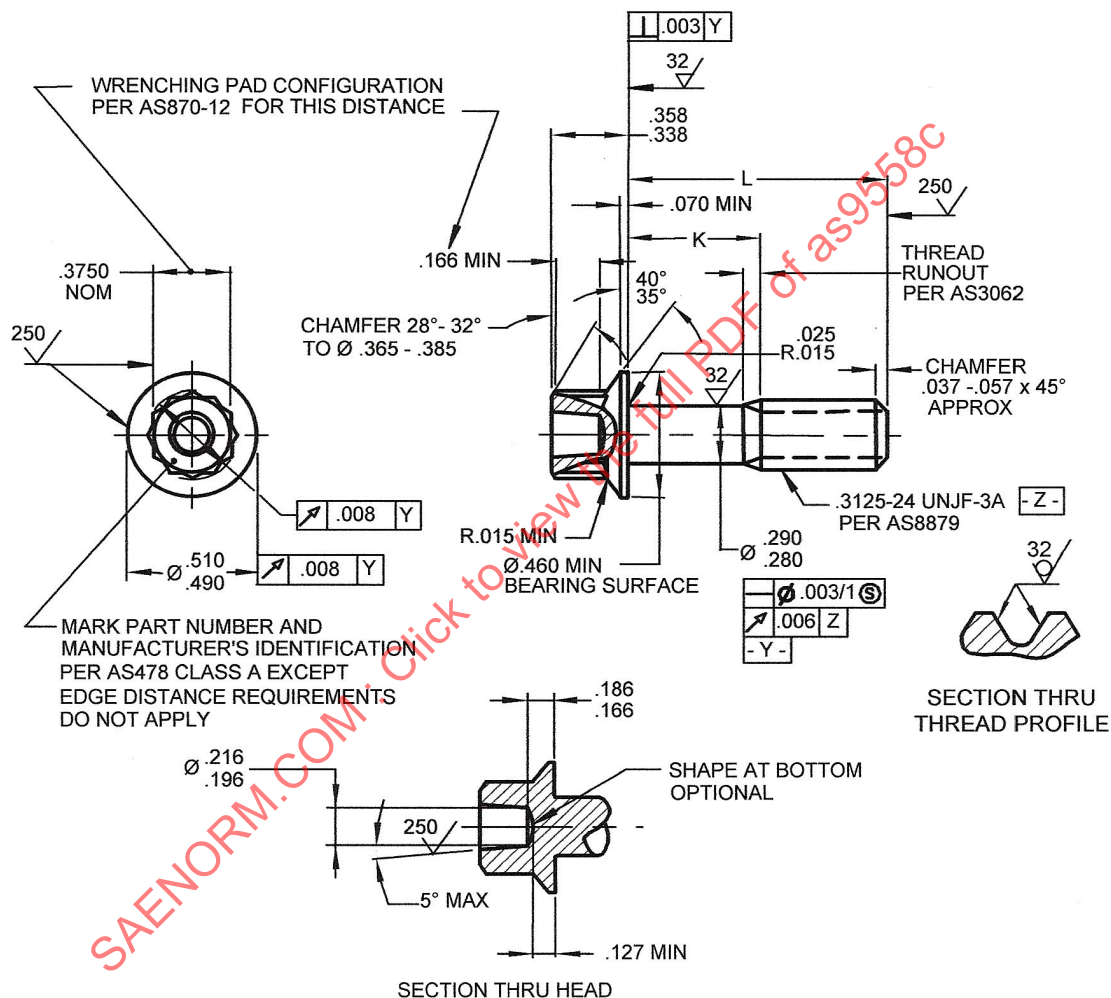
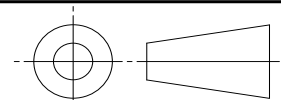


FIGURE 1 - BOLT

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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, .3125-24 UNJF-3A

SAE AS9558
SHEET 1 OF 3

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TABLE 1 – PART NUMBERS AND DIMENSIONS

PART NUMBER	L	K	APPROX MASS LBF/100
MS9558- 04	.490 - .510	.086 - .108	2.06
MS9558- 05	.552 - .572	.086 - .108	2.17
MS9558- 06	.615 - .635	.086 - .108	2.28
MS9558- 07	.678 - .698	.086 - .108	2.39
MS9558- 08	.740 - .760	.086 - .108	2.51
MS9558- 09	.802 - .822	.086 - .108	2.62
MS9558- 10	.865 - .885	.086 - .108	2.73
MS9558- 11	.928 - .948	.086 - .108	2.85
MS9558- 12	.990 - 1.010	.086 - .125	2.96
MS9558- 13	1.052 - 1.072	.128 - .188	3.07
MS9558- 14	1.115 - 1.135	.190 - .250	3.19
MS9558- 15	1.178 - 1.198	.252 - .312	3.30
MS9558- 16	1.240 - 1.260	.315 - .375	3.41
MS9558- 17	1.302 - 1.322	.378 - .438	3.52
MS9558- 18	1.365 - 1.385	.440 - .500	3.64
MS9558- 19	1.428 - 1.448	.502 - .562	3.75
MS9558- 20	1.490 - 1.510	.565 - .625	3.87
MS9558- 21	1.552 - 1.572	.628 - .688	3.98
MS9558- 22	1.615 - 1.635	.690 - .750	4.10
MS9558- 23	1.678 - 1.698	.752 - .812	4.22
MS9558- 24	1.740 - 1.760	.815 - .875	4.33
MS9558- 59	1.802 - 1.822	.878 - .938	4.44
MS9558- 25	1.865 - 1.885	.940 - 1.000	4.55
MS9558- 60	1.928 - 1.948	1.002 - 1.062	4.66
MS9558-26	1.990 - 2.010	1.065 - 1.125	4.77
MS9558- 27	2.115 - 2.135	1.190 - 1.250	5.00
MS9558- 28	2.240 - 2.260	1.315 - 1.375	5.23
MS9558- 29	2.365 - 2.385	1.440 - 1.500	5.45
MS9558- 30	2.490 - 2.510	1.565 - 1.625	5.67
MS9558- 31	2.615 - 2.635	1.690 - 1.750	5.90

PART NUMBER	L	K	APPROX MASS LBF/100
MS9558- 32	2.740 - 2.760	1.815 - 1.875	6.13
MS9558- 33	2.865 - 2.885	1.940 - 2.000	6.36
MS9558- 34	2.990 - 3.010	2.065 - 2.125	6.58
MS9558- 35	3.115 - 3.135	2.190 - 2.250	6.80
MS9558- 36	3.240 - 3.260	2.315 - 2.375	7.03
MS9558- 37	3.365 - 3.835	2.440 - 2.500	7.27
MS9558- 38	3.490 - 3.510	2.565 - 2.625	7.50
MS9558- 39	3.615 - 3.635	2.690 - 2.750	7.73
MS9558- 40	3.740 - 3.760	2.815 - 2.875	7.95
MS9558- 41	3.865 - 3.885	2.940 - 3.000	8.17
MS9558- 42	3.990 - 4.010	3.065 - 3.125	8.40
MS9558- 43	4.115 - 4.135	3.190 - 3.250	8.63
MS9558- 44	4.240 - 4.260	3.315 - 3.375	8.86
MS9558- 45	4.365 - 4.385	3.440 - 3.500	9.08
MS9558- 46	4.490 - 4.510	3.565 - 3.625	9.30
MS9558- 47	4.615 - 4.635	3.690 - 3.750	9.52
MS9558- 48	4.740 - 4.780	3.815 - 3.875	9.74
MS9558- 49	4.865 - 4.885	3.940 - 4.000	9.95
MS9558- 50	4.990 - 5.010	4.065 - 4.125	10.17
MS9558- 51	5.115 - 5.135	4.190 - 4.250	10.40
MS9558- 52	5.240 - 5.260	4.315 - 4.375	10.63
MS9558- 53	5.365 - 5.385	4.440 - 4.500	10.86
MS9558- 54	5.490 - 5.510	4.565 - 4.625	11.10
MS9558- 55	5.615 - 5.635	4.690 - 4.750	11.33
MS9558- 56	5.740 - 5.760	4.815 - 4.875	11.56
MS9558- 57	5.865 - 5.885	4.940 - 5.000	11.78
MS9558- 58	5.990 - 6.010	5.065 - 5.125	12.00

DASH NUMBERS 59 AND 60 ARE IN LENGTH ORDER