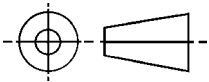


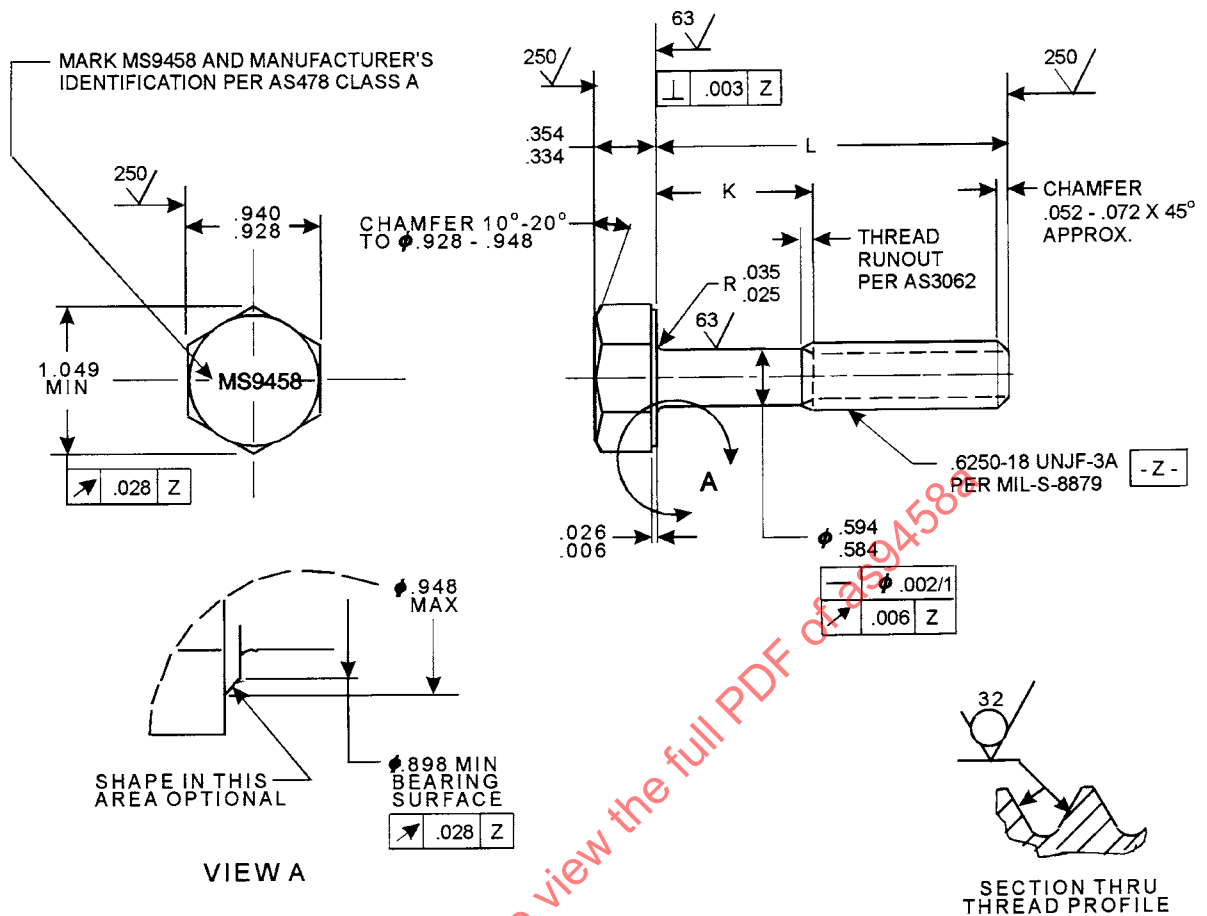
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	AEROSPACE STANDARD (R) BOLT, MACHINE - STEEL, DIFFUSED NICKEL-CADMIUM PLATED, HEXAGON HEAD, UNS K14675, 195 KSI MIN, .6250-18 UNJF-3A	AS9458 SHEET 1 OF 4
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**AEROSPACE STANDARD**

(R) BOLT, MACHINE - STEEL, DIFFUSED NICKEL-
CADMIUM PLATED, HEXAGON HEAD,
UNS K14675, 195 KSI MIN, .6250-18 UNJF-3A

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TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	K	APPROX. MASS LB/100
MS9458-03	.928 - .948	.114 - .134	14.53
MS9458-04	.990 - 1.010	.114 - .134	15.01
MS9458-05	1.052 - 1.072	.114 - .134	15.49
MS9458-06	1.115 - 1.135	.114 - .134	15.97
MS9458-07	1.178 - 1.198	.114 - .134	16.45
MS9458-08	1.240 - 1.260	.114 - .134	16.93
MS9458-09	1.302 - 1.322	.114 - .134	17.41
MS9458-10	1.365 - 1.385	.114 - .134	17.89
MS9458-11	1.428 - 1.448	.114 - .134	18.36
MS9458-12	1.490 - 1.510	.114 - .134	18.84
MS9458-13	1.552 - 1.572	.114 - .134	19.32
MS9458-14	1.615 - 1.635	.125 - .145	19.80
MS9458-15	1.678 - 1.698	.128 - .188	20.28
MS9458-16	1.740 - 1.760	.190 - .250	20.76
MS9458-17	1.802 - 1.822	.252 - .312	21.24
MS9458-18	1.865 - 1.885	.315 - .375	21.71
MS9458-19	1.990 - 2.010	.440 - .500	22.67
MS9458-20	2.115 - 2.135	.565 - .625	23.63
MS9458-21	2.240 - 2.260	.690 - .750	24.59
MS9458-22	2.365 - 2.385	.815 - .875	25.54
MS9458-23	2.490 - 2.510	.940 - 1.000	26.50
MS9458-24	2.615 - 2.635	1.065 - 1.125	27.46
MS9458-25	2.740 - 2.760	1.190 - 1.250	28.41
MS9458-26	2.865 - 2.885	1.315 - 1.375	29.37
MS9458-27	2.990 - 3.010	1.440 - 1.500	30.33
MS9458-28	3.115 - 3.135	1.565 - 1.625	31.28
MS9458-29	3.240 - 3.260	1.690 - 1.750	32.24

PART NO.	L	K	APPROX. MASS LB/100
MS9458-30	3.365 - 3.385	1.815 - 1.875	33.20
MS9458-31	3.490 - 3.510	1.940 - 2.000	34.16
MS9458-32	3.615 - 3.635	2.065 - 2.125	35.11
MS9458-33	3.740 - 3.760	2.190 - 2.250	36.07
MS9458-34	3.865 - 3.885	2.315 - 2.375	37.03
MS9458-35	3.990 - 4.010	2.440 - 2.500	37.98
MS9458-36	4.115 - 4.132	2.565 - 2.625	38.94
MS9458-37	4.240 - 4.260	2.690 - 2.750	39.90
MS9458-38	4.365 - 4.385	2.815 - 2.875	40.86
MS9458-39	4.490 - 4.510	2.940 - 3.000	41.81
MS9458-40	4.615 - 4.635	3.065 - 3.125	42.77
MS9458-41	4.740 - 4.760	3.190 - 3.250	43.73
MS9458-42	4.865 - 4.885	3.315 - 3.375	44.68
MS9458-43	4.990 - 5.010	3.440 - 3.500	45.64
MS9458-44	5.115 - 5.135	3.565 - 3.625	46.60
MS9458-45	5.240 - 5.260	3.690 - 3.750	47.55
MS9458-46	5.365 - 5.385	3.815 - 3.875	48.51
MS9458-47	5.490 - 5.510	3.940 - 4.000	49.47
MS9458-48	5.615 - 5.635	4.065 - 4.125	50.43
MS9458-49	5.740 - 5.760	4.190 - 4.250	51.38
MS9458-50	5.865 - 5.885	4.315 - 4.375	52.34
MS9458-51	5.990 - 6.010	4.440 - 4.500	53.30

NOTES:

1. MATERIAL: LOW ALLOY STEEL AMS 6304 (UNS K14675).
2. PROCUREMENT SPECIFICATION: AS7455.
3. HARDNESS: 42-46 HRC.
4. FINISH: DIFFUSED NICKEL-CADMIUM PLATE AMS 2416. DIMENSIONS ARE AFTER PLATING. CONTACT POINTS PERMISSIBLE. PD MAY BE REDUCED .0012 MAXIMUM BEFORE PLATING.
5. MAGNETIC PARTICLE INSPECTION PER ASTM E 1444 BEFORE PLATING.
6. INCOMPLETE THREADS NOT TO ENTER FILLET.
7. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
8. BREAK SHARP EDGES .003-.015, UNLESS OTHERWISE SPECIFIED.
9. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982 (ASME PUBLICATION).
10. DIMENSIONS IN INCHES.
11. DO NOT USE UNASSIGNED PART NUMBERS.

AEROSPACE STANDARD

(R)

BOLT, MACHINE - STEEL, DIFFUSED NICKEL-
CADMIUM PLATED, HEXAGON HEAD,
UNS K14675, 195 KSI MIN, .6250-18 UNJF-3A

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