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AS9944

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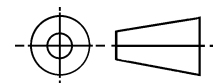
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THIRD ANGLE PROJECTION



PREPARED BY SAE COMMITTEE E-25

PROCUREMENT SPECIFICATION: AMS 7452

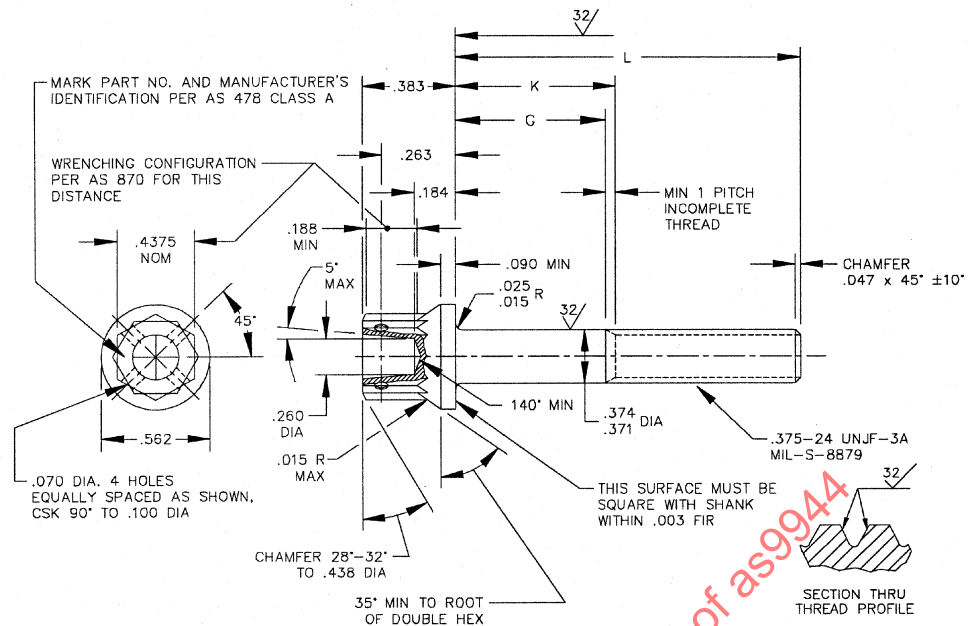


AEROSPACE STANDARD

BOLT, MACHINE - DOUBLE HEXAGON EXTENDED
WASHER HEAD, DRILLED, FULL SHANK, STEEL
AMS 6322, CADMIUM PLATED, .375-24 UNJF-3A

AS9944
SHEET 1 OF 3

ISSUED 2000-08 REAFFIRMED 2005-05



PART No.	L	G MIN	K MAX	APPROX WEIGHT LB/100
MS9944-13	1.188	.045	.188	4.90
MS9944-14	1.250	.107	.250	5.10
MS9944-15	1.312	.169	.312	5.30
MS9944-16	1.375	.232	.375	5.49
MS9944-17	1.438	.295	.438	5.69
MS9944-18	1.500	.357	.500	5.88
MS9944-19	1.562	.419	.562	6.08
MS9944-20	1.625	.482	.625	6.27
MS9944-21	1.688	.545	.688	6.47
MS9944-22	1.750	.607	.750	6.66
MS9944-23	1.812	.641	.812	6.86
MS9944-24	1.875	.732	.875	7.05
MS9944-25	1.938	.795	.938	7.25
MS9944-26	2.000	.837	1.000	7.44
MS9944-27	2.125	.932	1.125	7.83
MS9944-28	2.250	1.107	1.250	7.22

PART No.	L	G MIN	K MAX	APPROX WEIGHT LB/100
MS9944-29	2.375	1.232	1.375	8.61
MS9944-30	2.500	1.357	1.500	9.00
MS9944-31	2.625	1.482	1.625	9.39
MS9944-32	2.750	1.607	1.750	9.78
MS9944-33	2.875	1.732	1.875	10.17
MS9944-34	3.000	1.857	2.000	10.54
MS9944-35	3.125	1.982	2.125	10.95
MS9944-36	3.250	2.107	2.250	11.34
MS9944-37	3.375	2.232	2.375	11.73
MS9944-38	3.500	2.357	2.500	12.12
MS9944-39	3.625	2.482	2.625	12.51
MS9944-40	3.750	2.607	2.750	12.90
MS9944-41	3.875	2.732	2.875	13.29
MS9944-42	4.000	2.857	3.000	13.68
MS9944-43	4.125	2.982	3.125	14.07
MS9944-44	4.250	3.107	3.250	14.44
MS9944-45	4.375	3.232	3.375	14.85
MS9944-46	4.500	3.357	3.500	15.24

PART No.	L	G MIN	K MAX	APPROX WEIGHT LB/100
MS9944-47	4.625	3.482	3.625	15.63
MS9944-48	4.750	3.607	3.750	16.02
MS9944-49	4.875	3.732	3.875	16.41
MS9944-50	5.000	3.857	4.000	16.80
MS9944-51	5.125	3.982	4.125	17.19
MS9944-52	5.250	4.107	4.250	17.48
MS9944-53	5.375	4.232	4.375	17.87
MS9944-54	5.500	4.357	4.500	18.24
MS9944-55	5.625	4.482	4.625	18.65
MS9944-56	5.750	4.607	4.750	19.04
MS9944-57	5.875	4.732	4.875	19.43
MS9944-58	6.000	4.857	5.000	19.82

1. SHANK SHALL BE STRAIGHT WITHIN .0025 TOTAL PER INCH OF BOLT LENGTH.
2. THE CONCENTRICITY OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR.
3. THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND DOUBLE HEXAGON OD SHALL BE WITHIN .009 FIR.