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AS9761

FEDERAL SUPPLY CLASS
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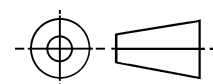
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THIRD ANGLE PROJECTION



PREPARED BY SAE COMMITTEE E-25

PROCUREMENT SPECIFICATION: NONE

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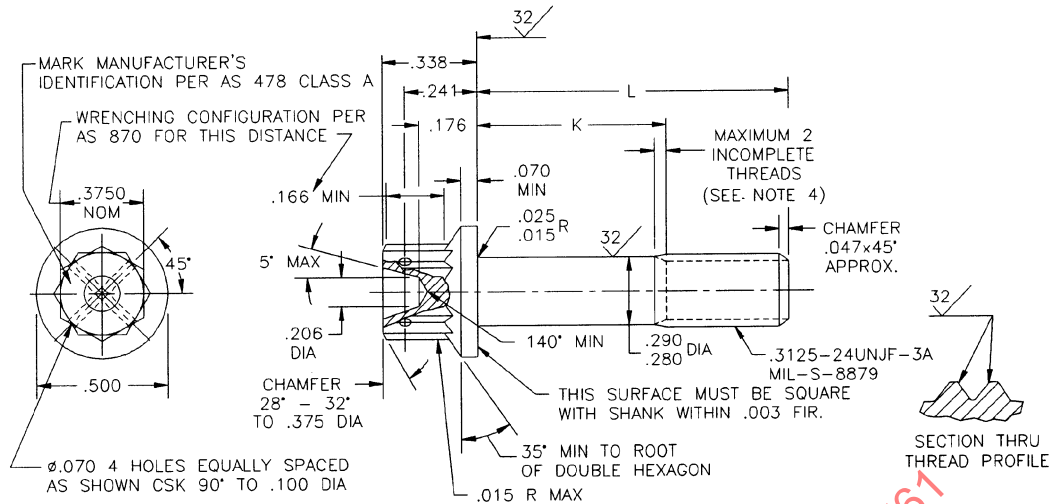
AEROSPACE STANDARD

BOLT, MACHINE - DOUBLE HEXAGON EXTENDED
WASHER HEAD, DRILLED, PD SHANK, TITANIUM
AMS 4967, .3125-24 UNJF-3A

AS9761
SHEET 1 OF 3

ISSUED 1999-12 REAFFIRMED 2005-05

AS9761



PART NO	L	K	APPROX WEIGHT LB/100	PART NO	L	K	APPROX WEIGHT LB/100	PART NO	L	K	APPROX WEIGHT LB/100
MS9761-04	.500	.088-.108	1.21	MS9761-25	1.812	.878-.938	2.54	MS9761-46	4.375	3.440-3.500	5.13
MS9761-05	.562	.088-.108	1.28	MS9761-26	1.875	.940-1.000	2.60	MS9761-47	4.500	3.565-3.625	5.26
MS9761-06	.625	.088-.108	1.34	MS9761-27	2.000	1.065-1.125	2.73	MS9761-48	4.625	3.690-3.750	5.38
MS9761-07	.688	.088-.108	1.40	MS9761-28	2.125	1.190-1.250	2.86	MS9761-49	4.750	3.815-3.875	5.51
MS9761-08	.750	.088-.108	1.47	MS9761-29	2.250	1.315-1.375	2.98	MS9761-50	4.875	3.940-4.000	5.64
MS9761-09	.812	.088-.108	1.53	MS9761-30	2.375	1.440-1.500	3.11	MS9761-51	5.000	4.065-4.125	5.76
MS9761-10	.875	.088-.108	1.59	MS9761-31	2.500	1.565-1.625	3.23	MS9761-52	5.125	4.190-4.250	5.89
MS9761-11	.938	.088-.108	1.65	MS9761-32	2.625	1.690-1.750	3.36	MS9761-53	5.250	4.315-4.375	6.02
MS9761-12	1.000	.088-.125	1.72	MS9761-33	2.750	1.815-1.875	3.49	MS9761-54	5.375	4.440-4.500	6.14
MS9761-13	1.062	.128-.188	1.78	MS9761-34	2.875	1.940-2.000	3.61	MS9761-55	5.500	4.565-4.625	6.27
MS9761-14	1.125	.190-.250	1.84	MS9761-35	3.000	2.065-2.125	3.74	MS9761-56	5.625	4.690-4.750	6.39
MS9761-15	1.188	.252-.312	1.91	MS9761-36	3.125	2.190-2.250	3.87	MS9761-57	5.750	4.815-4.875	6.52
MS9761-16	1.250	.315-.375	1.97	MS9761-37	3.250	2.315-2.375	3.99	MS9761-58	5.875	4.940-5.000	6.65
MS9761-17	1.312	.378-.438	2.03	MS9761-38	3.375	2.440-2.500	4.12	MS9761-59	6.000	5.065-5.125	6.77
MS9761-18	1.375	.440-.500	2.10	MS9761-39	3.500	2.565-2.625	4.25				
MS9761-19	1.438	.502-.562	2.16	MS9761-40	3.625	2.690-2.750	4.37				
MS9761-20	1.500	.565-.625	2.22	MS9761-41	3.750	2.815-2.875	4.50				
MS9761-21	1.562	.628-.688	2.29	MS9761-42	3.875	2.940-3.000	4.63				
MS9761-22	1.625	.690-.750	2.35	MS9761-43	4.000	3.065-3.125	4.75				
MS9761-23	1.688	.752-.812	2.41	MS9761-44	4.125	3.190-3.250	4.88				
MS9761-24	1.750	.815-.875	2.48	MS9761-45	4.250	3.312-3.375	5.00				

1. SHANK SHALL BE STRAIGHT WITHIN .003 PER INCH OF BOLT LENGTH.
2. THE RUNOUT OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR.
3. THE RUNOUT OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND DOUBLE HEXAGON OD SHALL BE WITHIN .008 FIR.
4. INCOMPLETE THREADS NOT TO ENTER FILLET.
5. MATERIAL: TITANIUM AMS 4967.
6. HARDNESS: ROCKWELL C36-42.