

REV.  
C

SAE AS9209

FEDERAL SUPPLY CLASS  
4030

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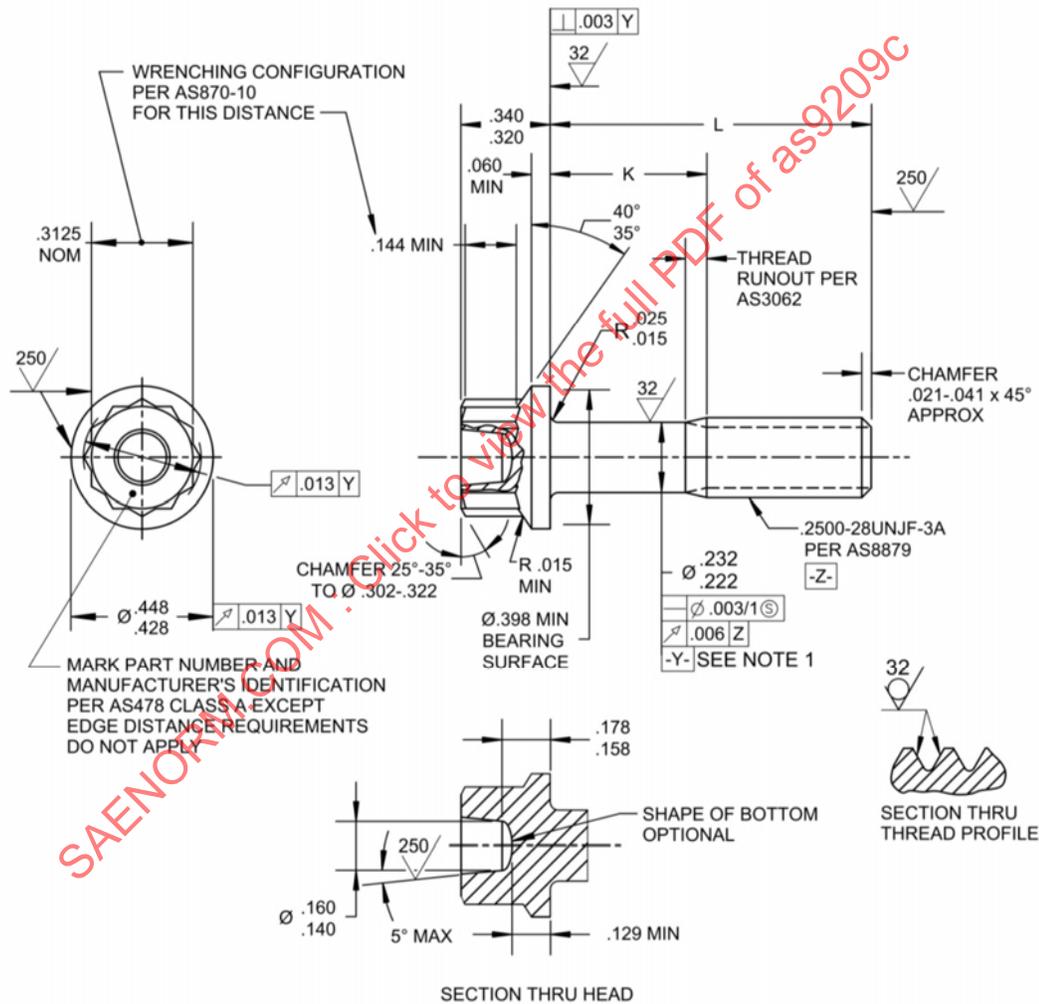
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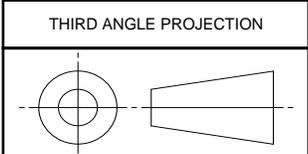
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CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7459

**SAE Aerospace**  
An SAE International Group

**AEROSPACE STANDARD**

BOLT, MACHINE - STEEL, DIFFUSED NICKEL-CADMIUM PLATED, DOUBLE HEXAGON EXTENDED WASHER HEAD, UNS K14675, 195 KSI MIN, .2500-28 UNJF-3A

**SAE AS9209**  
SHEET 1 OF 3

**REV. C**

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ISSUED 1999-12 REVISED 2011-08 STABILIZED 2012-01

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	K	APPROX. MASS LB/100	PART NO.	L	K	APPROX. MASS LB/100.
MS9209-04	.365-.385	.079-.099	1.14	MS9209-34	2.740-2.760	1.940-2.000	3.85
MS9209-05	.428-.448	.079-.099	1.21	MS9209-35	2.865-2.885	2.065-2.125	4.00
MS9209-06	.490-.510	.079-.099	1.29	MS9209-36	2.990-3.010	2.190-2.250	4.14
MS9209-07	.552-.572	.079-.099	1.36	MS9209-37	3.115-3.135	2.315-2.375	4.29
MS9209-08	.615-.635	.079-.099	1.44	MS9209-38	3.240-3.260	2.440-2.500	4.43
MS9209-09	.678-.698	.079-.099	1.51	MS9209-39	3.365-3.385	2.565-2.625	4.58
MS9209-10	.740-.760	.079-.099	1.58	MS9209-40	3.490-3.510	2.690-2.750	4.72
MS9209-11	.802-.822	.079-.099	1.65	MS9209-41	3.615-3.635	2.815-2.875	4.85
MS9209-12	.865-.885	.125-.145	1.72	MS9209-42	3.740-3.760	2.940-3.000	4.99
MS9209-13	.928-.948	.128-.188	1.79	MS9209-43	3.865-3.885	3.065-3.125	5.13
MS9209-14	.990-1.010	.190-.250	1.86	MS9209-44	3.990-4.010	3.190-3.250	5.27
MS9209-15	1.052-1.072	.252-.312	1.93	MS9209-45	4.115-4.135	3.315-3.375	5.42
MS9209-16	1.115-1.135	.315-.375	2.00	MS9209-46	4.240-4.260	3.440-3.500	5.56
MS9209-17	1.178-1.198	.378-.438	2.08	MS9209-47	4.365-4.385	3.565-3.625	5.71
MS9209-18	1.240-1.260	.440-.500	2.15	MS9209-48	4.490-4.510	3.690-3.750	5.85
MS9209-19	1.302-1.322	.502-.562	2.22	MS9209-49	4.615-4.635	3.815-3.875	6.00
MS9209-20	1.365-1.385	.565-.625	2.29	MS9209-50	4.740-4.760	3.940-4.000	6.14
MS9209-21	1.428-1.448	.628-.688	2.36	MS9209-51	4.865-4.885	4.065-4.125	6.29
MS9209-22	1.490-1.510	.690-.750	2.43	MS9209-52	4.990-5.010	4.190-4.250	6.43
MS9209-23	1.552-1.572	.752-.812	2.50	MS9209-53	5.115-5.135	4.315-4.375	6.56
MS9209-24	1.615-1.635	.815-.875	2.57	MS9209-54	5.240-5.260	4.440-4.500	6.70
MS9209-25	1.678-1.698	.878-.938	2.64	MS9209-55	5.365-5.385	4.565-4.625	6.84
MS9209-26	1.740-1.760	.940-1.000	2.72	MS9209-56	5.490-5.510	4.690-4.750	6.99
MS9209-27	1.865-1.885	1.065-1.125	2.86	MS9209-57	5.615-5.635	4.815-4.875	7.13
MS9209-28	1.990-2.010	1.190-1.250	3.00	MS9209-58	5.740-5.760	4.940-5.000	7.28
MS9209-29	2.115-2.135	1.315-1.375	3.14	MS9209-59	5.865-5.885	5.065-5.125	7.42
MS9209-30	2.240-2.260	1.440-1.500	3.29	MS9209-60	5.990-6.010	5.190-5.250	7.57
MS9209-31	2.365-2.385	1.565-1.625	3.43				
MS9209-32	2.490-2.510	1.690-1.750	3.57				
MS9209-33	2.615-2.635	1.815-1.875	3.71				

NOTICE

THIS DOCUMENT REFERENCES A PART WHICH CONTAINS CADMIUM AS A PLATING MATERIAL. CONSULT LOCAL OFFICIALS IF YOU HAVE QUESTIONS CONCERNING CADMIUM'S USE.

NOTES:

- FOR PART NUMBERS MS9209-04 THRU MS9209-16 THE THREAD PD (DATUM -Z-) SHALL REPLACE DATUM -Y-.
- MATERIAL: LOW ALLOY STEEL AMS6304 (UNS K14675).
- PROCUREMENT SPECIFICATION: AS7459.
- HARDNESS: 42-46 HRC.
- FINISH: DIFFUSED NICKEL-CADMIUM PLATE AMS2416. DIMENSIONS ARE AFTER PLATING. CONTACT POINTS PERMISSIBLE. PD MAY BE REDUCED .0012 MAXIMUM BEFORE PLATING.

 An SAE International Group	<b>AEROSPACE STANDARD</b>	<b>SAE AS9209</b> SHEET 2 OF 3	<b>REV.</b> <b>C</b>
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