

NEW PART STANDARD TO REPLACE MS9569.

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AS9569™

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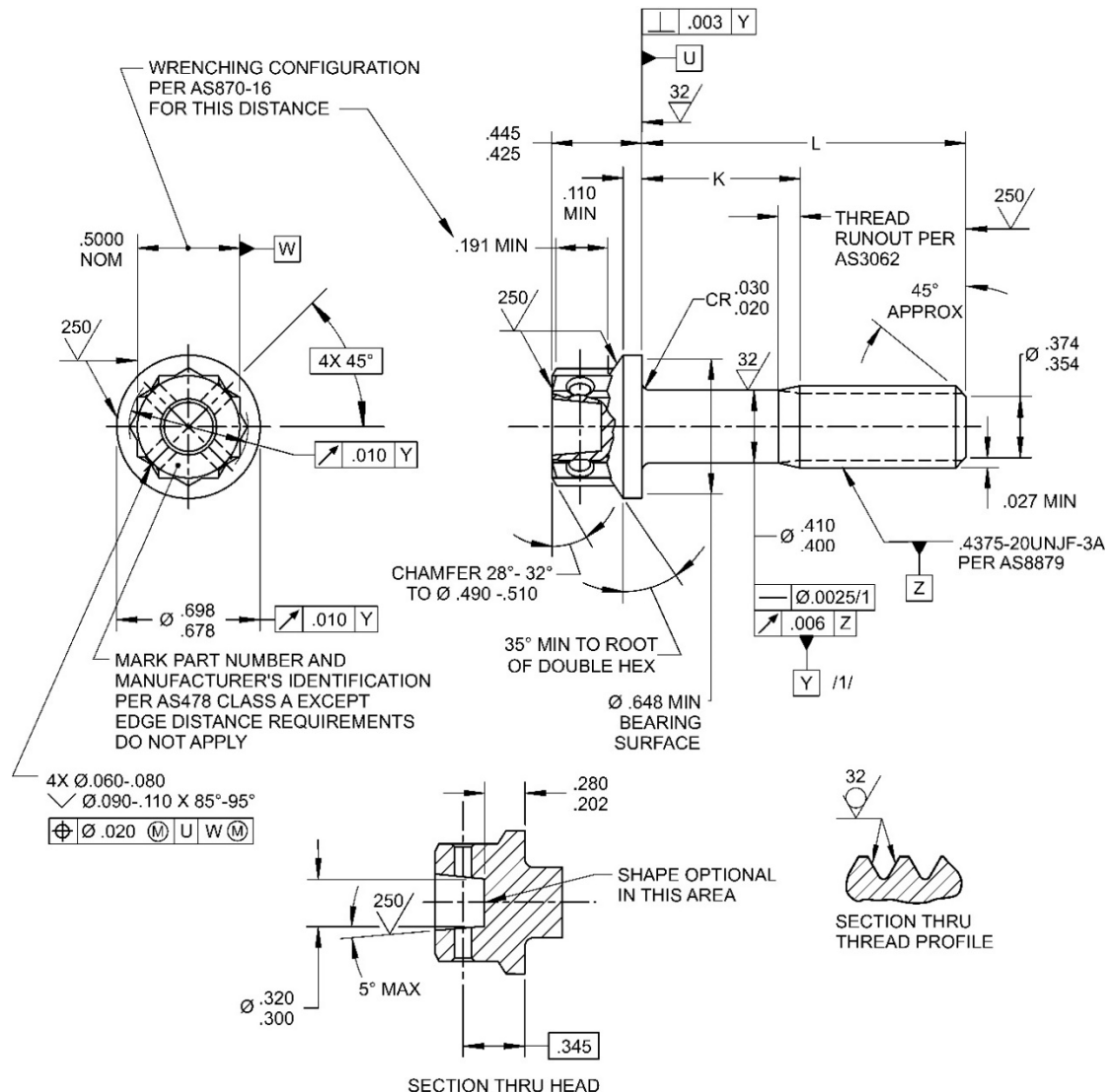
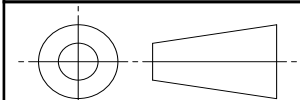


FIGURE 1 - BOLT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS9569/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7477



AEROSPACE STANDARD

BOLT, MACHINE - DOUBLE HEXAGON EXTENDED
WASHER HEAD, DRILLED PD SHANK,
UNS S66286, .4375-20 UNJF-3A

AS9569™
SHEET 1 OF 3

Documents

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TABLE 1 - PART NUMBERS, DIMENSIONS, AND APPROX MASS

PART NO.	L	K	APPROX MASS LB/100	PART NO.	L	K	APPROX MASS LB/100
MS9569-04	.678- .698	.105- .125	5.05	MS9569-31	2.990-3.010	1.815-1.875	13.66
MS9569-05	.740- .760	.105- .125	5.28	MS9569-32	3.115-3.135	1.940-2.000	14.12
MS9569-06	.802- .822	.105- .125	5.51	MS9569-33	3.240-3.260	2.065-2.125	14.59
MS9569-07	.865- .885	.105- .125	5.74	MS9569-34	3.365-3.385	2.190-2.250	15.06
MS9569-08	.928- .948	.105- .125	5.97	MS9569-35	3.490-3.510	2.315-2.375	15.52
MS9569-09	.990-1.010	.105- .125	6.20	MS9569-36	3.615-3.635	2.440-2.500	15.99
MS9569-10	1.052-1.072	.105- .125	6.43	MS9569-37	3.740-3.760	2.565-2.625	16.45
MS9569-11	1.115-1.135	.105- .125	6.67	MS9569-38	3.865-3.885	2.690-2.750	16.92
MS9569-12	1.178-1.198	.105- .125	6.90	MS9569-39	3.990-4.010	2.815-2.875	17.39
MS9569-13	1.240-1.260	.105- .125	7.13	MS9569-40	4.115-4.135	2.940-3.000	17.85
MS9569-14	1.302-1.322	.128- .188	7.36	MS9569-41	4.240-4.260	3.065-3.125	18.31
MS9569-15	1.365-1.385	.190- .250	7.59	MS9569-42	4.365-4.385	3.190-3.250	18.75
MS9569-16	1.428-1.448	.252- .312	7.82	MS9569-43	4.490-4.510	3.315-3.375	19.31
MS9569-17	1.490-1.510	.315- .375	8.05	MS9569-44	4.615-4.635	3.440-3.500	19.66
MS9569-18	1.552-1.572	.378- .438	8.27	MS9569-45	4.740-4.760	3.565-3.625	20.12
MS9569-19	1.615-1.635	.440- .500	8.50	MS9569-46	4.865-4.885	3.690-3.750	20.59
MS9569-20	1.678-1.698	.502- .562	8.73	MS9569-47	4.990-5.010	3.815-3.875	21.05
MS9569-21	1.740-1.760	.565- .625	8.96	MS9569-48	5.115-5.135	3.940-4.000	21.54
MS9569-22	1.865-1.885	.690- .750	9.43	MS9569-49	5.240-5.260	4.065-4.125	21.97
MS9569-23	1.990-2.010	.815- .875	9.90	MS9569-50	5.365-5.385	4.190-4.250	22.33
MS9569-24	2.115-2.135	.940-1.000	10.38	MS9569-51	5.490-5.510	4.315-4.375	22.80
MS9569-25	2.240-2.260	1.065-1.125	10.85	MS9569-52	5.615-5.635	4.440-4.500	23.27
MS9569-26	2.365-2.385	1.190-1.250	11.32	MS9569-53	5.740-5.760	4.565-4.625	23.74
MS9569-27	2.490-2.510	1.315-1.375	11.79	MS9569-54	5.865-5.885	4.690-4.750	24.21
MS9569-28	2.615-2.635	1.440-1.500	12.26	MS9569-55	5.990-6.010	4.815-4.875	24.67
MS9569-29	2.740-2.760	1.565-1.625	12.72	MS9569-56	1.802-1.822	.628- .688	9.20
MS9569-30	2.865-2.885	1.690-1.750	13.19	MS9569-57	1.928-1.948	.752- .812	9.67

NOTES:

- 1/ FOR PART NUMBERS MS9569-04 THRU MS9569-21, DATUM **Z** (THREAD PD) SHALL REPLACE DATUM **Y**.
2. PROCUREMENT SPECIFICATION: AS7477.
3. MATERIAL: CORROSION AND HEAT RESISTANT STEEL AMS5731 (COMPOSITION SIMILAR TO UNS S66286).
4. FLUORESCENT PENETRANT INSPECTION PER ASTM E1417/E1417M TYPE I, SENSITIVITY LEVEL 2 MIN.
5. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
6. BREAK SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
7. DIMENSIONS ARE IN INCHES.
8. DIMENSIONING AND TOLERANCING PER ASME Y14.5-2018.
9. UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
10. DO NOT USE UNASSIGNED PART NUMBERS.

	AEROSPACE STANDARD		AS9569™ SHEET 2 OF 3	
	BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED PD SHANK, UNS S66286, .4375-20 UNJF-3A			

