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AS9495™

FEDERAL SUPPLY CLASS
5306

RATIONALE

NEW PART STANDARD TO REPLACE MS9495.

NOTICE

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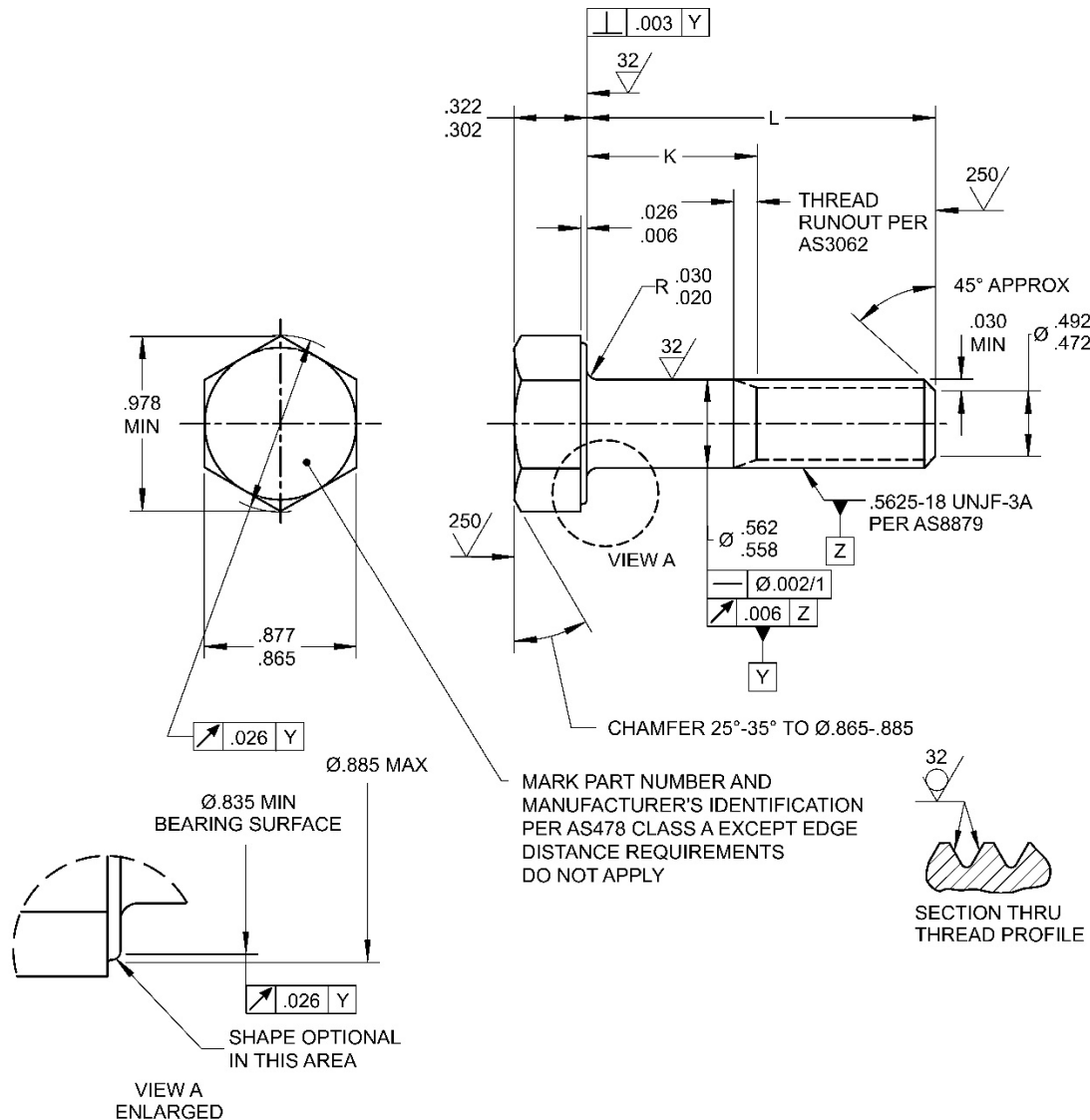
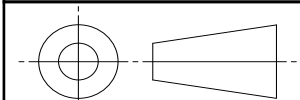


FIGURE 1 - BOLT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS9495/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7477



AEROSPACE STANDARD

BOLT, MACHINE - HEXAGON HEAD, FULL SHANK,
CORROSION AND HEAT RESISTANT STEEL,
UNS S66286, 130 KSI MIN, .5625-18 UNJF-3A

AS9495™
SHEET 1 OF 2

Documents

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TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NUMBER	L	K	APPROX MASS LB/100	PART NUMBR	L	K	APPROX MASS LB/100
MS9495-04	.865- .885	.113- .133	11.44	MS9495-29	2.990-3.010	1.565-1.625	26.41
MS9495-05	.928- .948	.113- .133	11.88	MS9495-30	3.115-3.135	1.690-1.750	27.29
MS9495-06	.990-1.010	.113- .133	12.32	MS9495-31	3.240-3.260	1.815-1.875	28.17
MS9495-07	1.052-1.072	.113- .133	12.76	MS9495-32	3.365-3.385	1.940-2.000	29.05
MS9495-08	1.115-1.135	.113- .133	13.20	MS9495-33	3.490-3.510	2.065-2.125	29.93
MS9495-09	1.178-1.198	.113- .133	13.64	MS9495-34	3.615-3.635	2.190-2.250	30.81
MS9495-10	1.240-1.260	.113- .133	14.08	MS9495-35	3.740-3.760	2.315-2.375	31.70
MS9495-11	1.302-1.322	.113- .133	14.52	MS9495-36	3.865-3.885	2.440-2.500	32.58
MS9495-12	1.365-1.385	.113- .133	14.97	MS9495-37	3.990-4.010	2.565-2.625	33.46
MS9495-13	1.428-1.448	.113- .133	15.41	MS9495-38	4.115-4.135	2.690-2.750	34.34
MS9495-14	1.490-1.510	.113- .133	15.85	MS9495-39	4.240-4.260	2.815-2.875	35.22
MS9495-15	1.552-1.572	.128- .188	16.29	MS9495-40	4.365-4.385	2.940-3.000	36.10
MS9495-16	1.615-1.635	.190- .250	16.63	MS9495-41	4.490-4.510	3.065-3.125	36.98
MS9495-17	1.678-1.698	.252- .312	17.17	MS9495-42	4.615-4.635	3.190-3.250	37.86
MS9495-18	1.740-1.760	.315- .375	17.61	MS9495-43	4.740-4.760	3.315-3.375	38.74
MS9495-19	1.802-1.822	.378- .438	18.05	MS9495-44	4.865-4.885	3.440-3.500	39.62
MS9495-20	1.865-1.885	.440- .500	18.49	MS9495-45	4.990-5.010	3.565-3.625	40.50
MS9495-21	1.990-2.010	.565- .625	19.37	MS9495-46	5.115-5.135	3.690-3.750	41.38
MS9495-22	2.115-2.135	.690- .750	20.25	MS9495-47	5.240-5.260	3.815-3.875	42.26
MS9495-23	2.240-2.260	.815- .875	21.13	MS9495-48	5.365-5.385	3.940-4.000	43.14
MS9495-24	2.365-2.385	.940-1.000	22.01	MS9495-49	5.490-5.510	4.065-4.125	44.02
MS9495-25	2.490-2.510	1.065-1.125	22.89	MS9495-50	5.615-5.635	4.190-4.250	44.90
MS9495-26	2.615-2.635	1.190-1.250	23.77	MS9495-51	5.740-5.760	4.315-4.375	45.78
MS9495-27	2.740-2.760	1.315-1.375	24.65	MS9495-52	5.865-5.885	4.440-4.500	46.66
MS9495-28	2.865-2.885	1.440-1.500	25.53	MS9495-53	5.990-6.010	4.565-4.625	47.54
				MS9495-54	1.928-1.948	.502- .562	18.93

NOTES:

1. MATERIAL: CORROSION AND HEAT RESISTANT STEEL PER AMS5731 (COMPOSITION SIMILAR TO UNS S66286).
2. PROCUREMENT SPECIFICATION: AS7477.
3. FLUORESCENT PENETRANT INSPECTION PER ASTM E1417/E1417M TYPE I, SENSITIVITY LEVEL 2 MIN.
4. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
5. BREAK SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
6. DIMENSIONS ARE IN INCHES.
7. DIMENSIONING AND TOLERANCING PER ASME Y14.5-2018.
8. UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
9. DO NOT USE UNASSIGNED PART NUMBERS.
10. REVISION INDICATOR: A CHANGE BAR (I) LOCATED IN THE LEFT MARGIN IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE TECHNICAL REVISIONS, NOT EDITORIAL CHANGES, HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS DOCUMENT. AN (R) SYMBOL TO THE LEFT OF THE DOCUMENT TITLE INDICATES A COMPLETE REVISION OF THE DOCUMENT, INCLUDING TECHNICAL REVISIONS. CHANGE BARS AND (R) ARE NOT USED IN ORIGINAL PUBLICATIONS, NOR IN DOCUMENTS THAT CONTAIN EDITORIAL CHANGES ONLY.

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ASME IS AN AMERICAN SOCIETY OF MECHANICAL ENGINEERS PUBLICATION.
ASTM IS AN ASTM INTERNATIONAL PUBLICATION.

	AEROSPACE STANDARD		AS9495™ SHEET 2 OF 2
	BOLT, MACHINE - HEXAGON HEAD, FULL, SHANK, CORROSION AND HEAT RESISTANT STEEL, UNS S66286, 130 KSI MIN, .5625-18 UNJF-3A		

 Documents

