

RATIONALE

ADD EDGE DISTANCE EXCEPTION TO MARKING NOTE, DELETE DATUM U, UPDATE LEAD THREAD CHAMFER TO AS1132J, ADD Ø SYMBOL TO STRAIGHTNESS FCF. FIG.1 REDRAWN, TABLE 1 RE-TYPED AND RE-FORMATTED, FPI REFERENCE UPDATED AND MIN. SENSITIVITY REQUIREMENT ADDED. ADD NEW NOTE FOR DISPOSITION OF EXISTING INVENTORY, GENERAL EDITORIAL UPDATE.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9496A, AMMENDMENT 1, NOTICE 1. THIS SAE STANDARD MAY RETAIN THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

ANY REQUIREMENTS ASSOCIATED WITH QUALIFIED PRODUCTS LISTS (QPL'S) MAY CONTINUE TO BE MANDATORY FOR DoD CONTRACTS. REQUIREMENTS RELATING TO QPL'S HAVE NOT BEEN ADOPTED BY THE SAE FOR THIS STANDARD AND ARE NOT PART OF THIS SAE DOCUMENT.

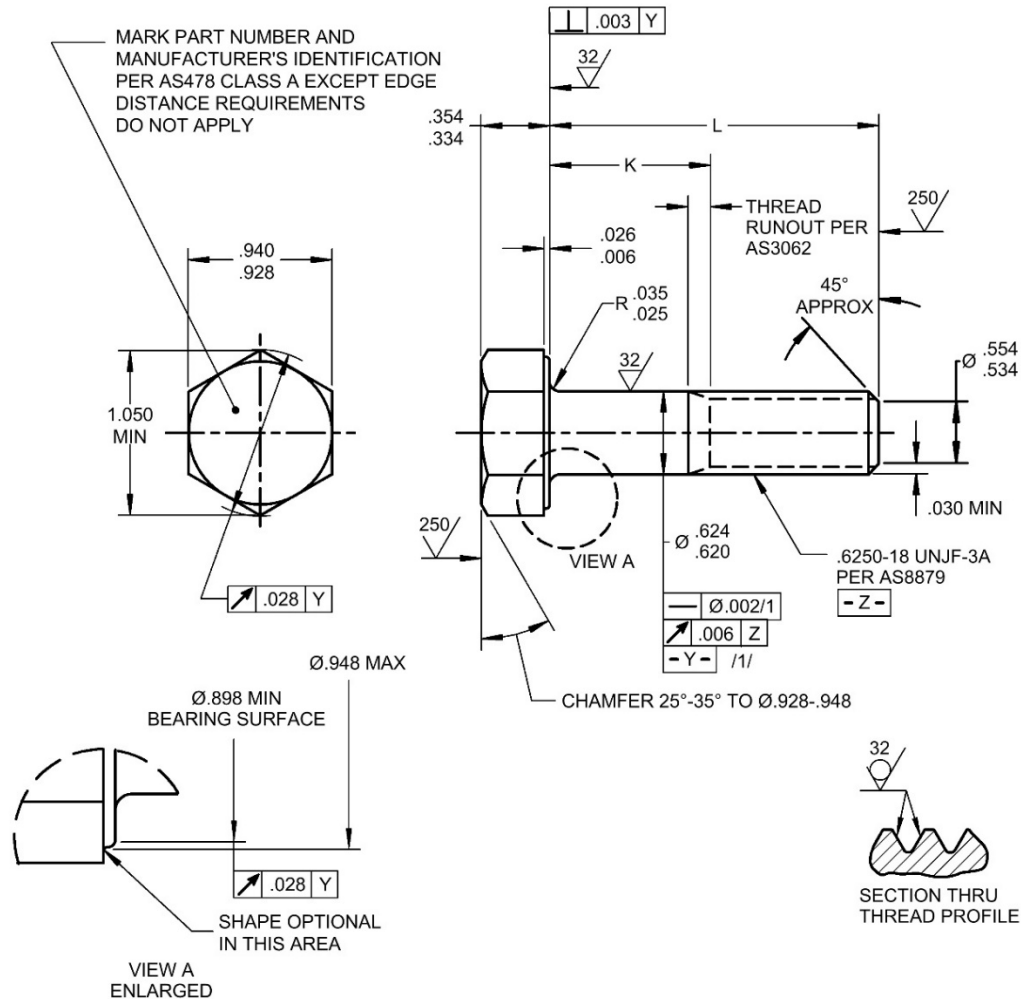
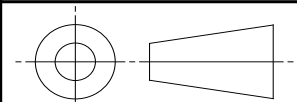


FIGURE 1 - BOLT

SAE values your input. To provide feedback on this Technical Report, please visit <http://standards.sae.org/AS9496B>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7477



AEROSPACE STANDARD

(R) BOLT, MACHINE - HEXAGON HEAD, FULL SHANK,
CORROSION AND HEAT RESISTANT STEEL,
UNS S66286, 130 KSI MIN, .6250-18 UNJF-3A

AS9496™
SHEET 1 OF 3

REV.
B

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TABLE 1 - PART NUMBERS, DIMENSIONS L, AND K, AND APPROX MASS

PART NUMBER	L	K	APPROX MASS LB/100	PART NUMBER	L	K	APPROX MASS LB/100
MS9496-03	.928-.948	.118-.138	15.59	MS9496-29	3.240-3.260	1.690-1.750	35.68
MS9496-04	.990-1.010	.118-.138	16.13	MS9496-30	3.365-3.385	1.815-1.875	36.77
MS9496-05	1.052-1.072	.118-.138	16.67	MS9496-31	3.490-3.510	1.940-2.000	37.86
MS9496-06	1.115-1.135	.118-.138	17.21	MS9496-32	3.615-3.635	2.065-2.125	38.94
MS9496-07	1.178-1.198	.118-.138	17.76	MS9496-33	3.740-3.760	2.190-2.250	40.03
MS9496-08	1.240-1.260	.118-.138	18.30	MS9496-34	3.865-3.885	2.315-2.375	41.12
MS9496-09	1.302-1.322	.118-.138	18.84	MS9496-35	3.990-4.010	2.440-2.500	42.20
MS9496-10	1.365-1.385	.118-.138	19.39	MS9496-36	4.115-4.135	2.565-2.625	43.29
MS9496-11	1.428-1.448	.118-.138	19.93	MS9496-37	4.240-4.260	2.690-2.750	44.37
MS9496-12	1.490-1.510	.118-.138	20.37	MS9496-38	4.365-4.385	2.815-2.875	45.46
MS9496-13	1.552-1.572	.118-.138	21.01	MS9496-39	4.490-4.510	2.940-3.000	46.55
MS9496-14	1.615-1.635	.118-.138	21.56	MS9496-40	4.615-4.635	3.065-3.125	47.63
MS9496-15	1.678-1.698	.128-.188	22.11	MS9496-41	4.740-4.760	3.190-3.250	48.72
MS9496-16	1.740-1.760	.190-.250	22.65	MS9496-42	4.865-4.885	3.315-3.375	49.81
MS9496-17	1.802-1.822	.252-.312	23.19	MS9496-43	4.990-5.010	3.440-3.500	50.89
MS9496-18	1.865-1.885	.315-.375	23.73	MS9496-44	5.115-5.135	3.565-3.625	51.98
MS9496-52	1.928-1.948	.378-.438	24.28	MS9496-45	5.240-5.260	3.690-3.750	53.07
MS9496-19	1.990-2.010	.440-.500	24.82	MS9496-46	5.365-5.385	3.815-3.875	54.15
MS9496-20	2.115-2.135	.565-.625	25.90	MS9496-47	5.490-5.510	3.940-4.000	55.24
MS9496-21	2.240-2.260	.690-.750	26.99	MS9496-48	5.615-5.635	4.065-4.125	56.33
MS9496-22	2.365-2.385	.815-.875	28.08	MS9496-49	5.740-5.760	4.190-4.250	57.41
MS9496-23	2.490-2.510	.940-1.000	29.16	MS9496-50	5.865-5.885	4.315-4.375	58.50
MS9496-24	2.615-2.635	1.065-1.125	30.25	MS9496-51	5.990-6.010	4.440-4.500	59.59
MS9496-25	2.740-2.760	1.190-1.250	31.34				
MS9496-26	2.865-2.885	1.315-1.375	32.42				
MS9496-27	2.990-3.010	1.440-1.500	33.51				
MS9496-28	3.115-3.135	1.565-1.625	34.60				

NOTE: PART NUMBER MS9496-52 IS LISTED OUT OF PART NUMBER ORDER. IT IS LISTED IN ORDER BY LENGTH (DIM L).

	AEROSPACE STANDARD	AS9496™ SHEET 2 OF 3	REV. B
	(R) BOLT, MACHINE - HEXAGON HEAD, FULL SHANK, CORROSION AND HEAT RESISTANT STEEL, UNS S66286, 130 KSI MIN, .6250-18 UNJF-3A		



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