

RATIONALE

RESTORE BASIC DIMENSION FOR LOCATION OF DRILLED HOLES INADVERTANTLY OMITTED AT LAST REVISION, ADD "MIN" TO TOP SURFACE WIDTH DIMENSION, EDITORIAL REVISIONS TO FIGURE 1.

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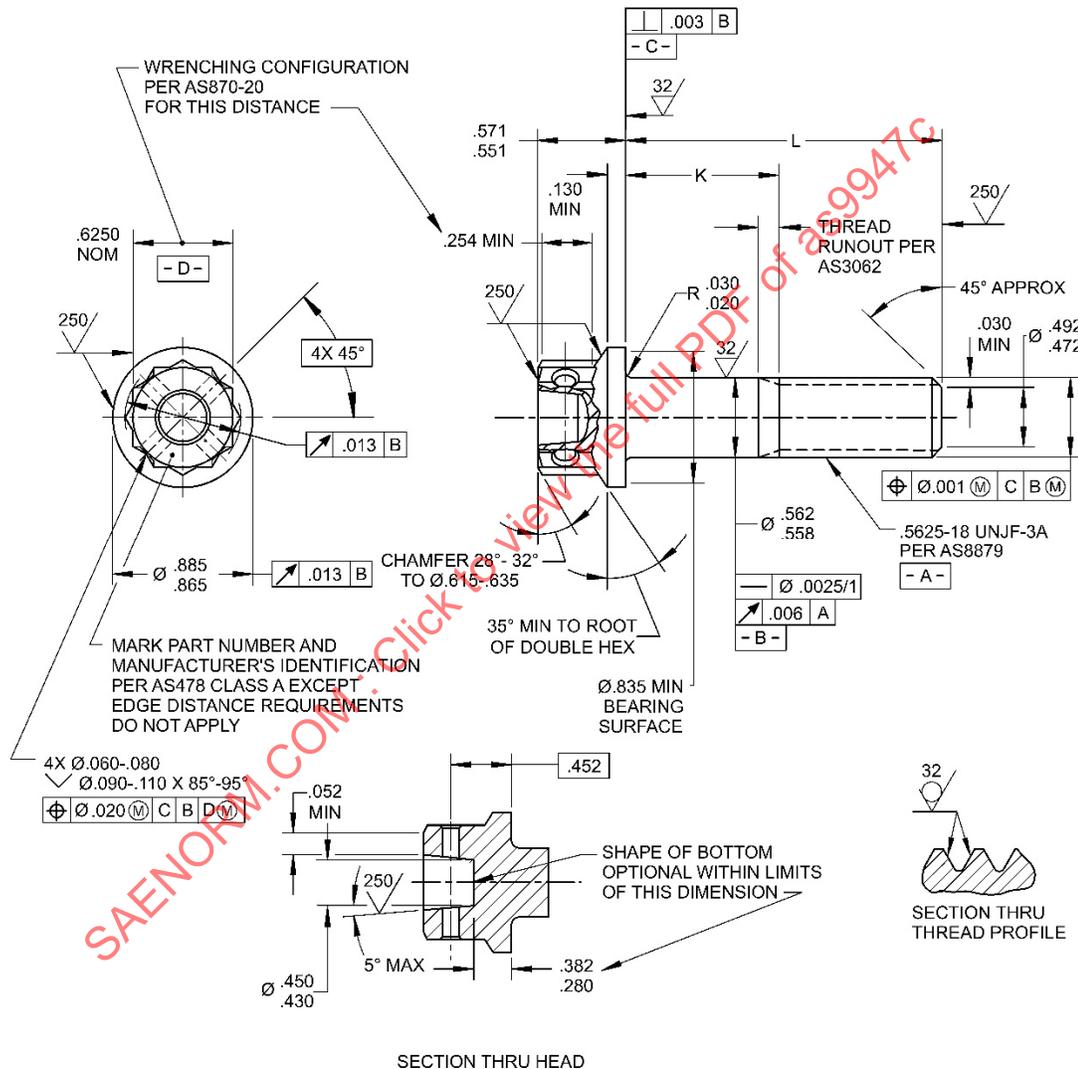
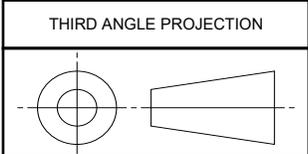


FIGURE 1 - BOLT

For more information on this standard, visit <https://www.sae.org/standards/content/AS9947C>



CUSTODIAN: E-25		PROCUREMENT SPECIFICATION: AS7452 /2/	
	AEROSPACE STANDARD		AS9947™ SHEET 1 OF 3
	BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, FULL SHANK, STEEL UNS G87400 CADMIUM PLATED, .5625-18 UNJF-3A		

ISSUED 1998-05 REAFFIRMED 2007-06 REVISED 2021-04

TABLE 1 - DIMENSIONS

PART NUMBER	L	K MAX	APPROX MASS LB/100
MS9947-16	1.615-1.635	.250	15.79
MS9947-17	1.678-1.698	.312	16.23
MS9947-18	1.740-1.760	.375	16.67
MS9947-19	1.802-1.822	.438	17.10
MS9947-20	1.865-1.885	.500	17.54
MS9947-21	1.928-1.948	.562	17.98
MS9947-22	1.990-2.010	.625	18.42
MS9947-23	2.115-2.135	.750	19.30
MS9947-24	2.240-2.260	.875	20.18
MS9947-25	2.365-2.385	1.000	21.06
MS9947-26	2.490-2.510	1.125	21.94
MS9947-27	2.615-2.635	1.250	22.81
MS9947-28	2.740-2.760	1.375	22.69
MS9947-29	2.865-2.885	1.500	24.67
MS9947-30	2.990-3.010	1.625	25.45
MS9947-31	3.115-3.135	1.750	26.33
MS9947-32	3.240-3.260	1.875	27.21
MS9947-33	3.365-3.385	2.000	28.08
MS9947-34	3.490-3.510	2.125	28.96
MS9947-35	3.615-3.635	2.250	29.84
MS9947-36	3.740-3.760	2.375	30.72
MS9947-37	3.865-3.885	2.500	31.60
MS9947-38	3.990-4.010	2.625	32.47
MS9947-39	4.115-4.135	2.750	33.35
MS9947-40	4.240-4.260	2.875	34.24
MS9947-41	4.365-4.385	3.000	35.11
MS9947-42	4.490-4.510	3.125	35.99
MS9947-43	4.615-4.635	3.250	34.84
MS9947-44	4.740-4.760	3.375	37.74
MS9947-45	4.865-4.885	3.500	38.62
MS9947-46	4.990-5.010	3.625	39.50
MS9947-47	5.115-5.135	3.750	40.38
MS9947-48	5.240-5.260	3.875	41.25
MS9947-49	5.365-5.385	4.000	42.13
MS9947-50	5.490-5.510	4.125	43.01
MS9947-51	5.615-5.635	4.250	43.89
MS9947-52	5.740-5.760	4.375	44.77
MS9947-53	5.865-5.885	4.500	45.64
MS9947-54	5.990-6.010	4.625	46.52

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