

REV.
A

SAE AS9947

FEDERAL SUPPLY CLASS
5306

RATIONALE

THREAD CALLOUT CORRECTED, CADMIUM PLATE NOTE ADDED AND NOTES UPDATED TO CURRENT PRACTICE.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9947, 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) MAY CONTINUE TO BE MANDATORY FOR DOD CONTRACTS. REQUIREMENTS RELATING TO QPLS HAVE NOT BEEN ADOPTED BY THE SAE FOR THIS STANDARD AND ARE NOT PART OF THIS SAE DOCUMENT.

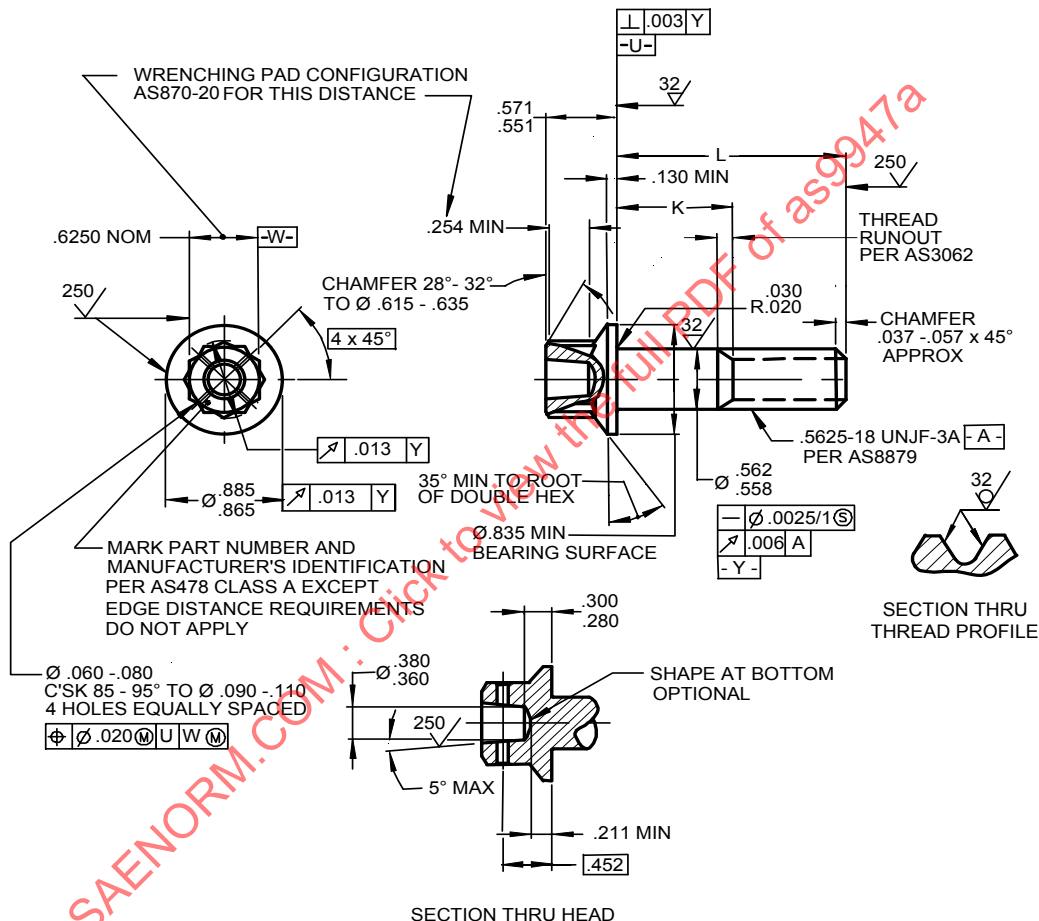


FIGURE 1 - BOLT

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS9947A>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7452

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

(R) BOLT, MACHINE - DOUBLE HEXAGON EXTENDED
WASHER HEAD, FULL SHANK, STEEL AMS6322,
CADMIUM PLATED, .5625-18 UNJF-3A

SAE AS9947
SHEET 1 OF 3

REV.
A

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