

REV. D

AS9579™

FEDERAL SUPPLY CLASS
5306

RATIONALE

UPDATE TO ASME Y14.5-2018. REVISE LEAD CHAMFER TO AS1132. REVISE FILLET RADIUS TO "CR." DELETE RFS SYMBOL FROM STRAIGHTNESS FCF. ADD "COMPOSITION SIMILAR TO" TO NOTE 2.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9579C, 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.

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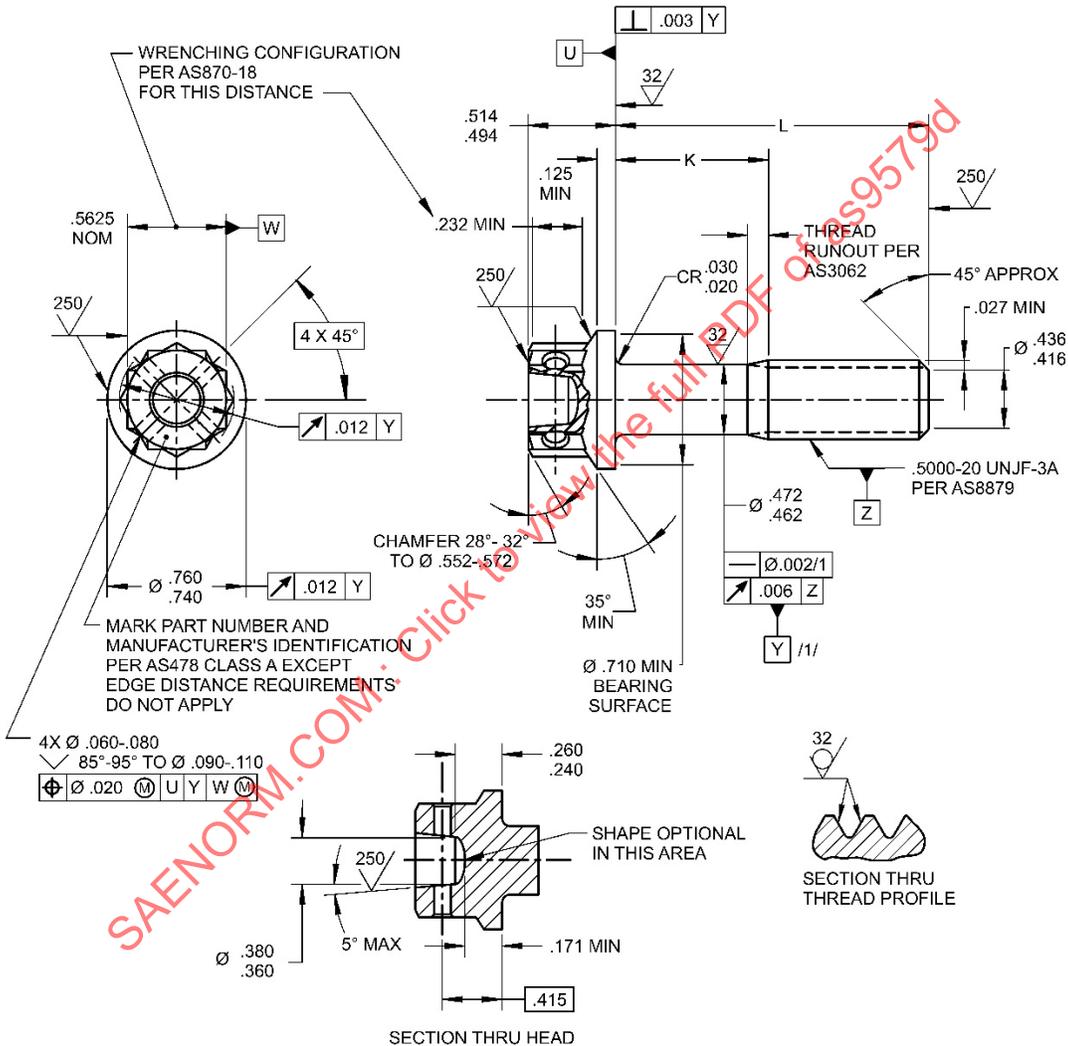


FIGURE 1 - BOLT

For more information on this standard, visit <https://www.sae.org/standards/content/AS9579D/>

CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7477



AEROSPACE STANDARD

BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, PD SHANK, SILVER PLATED, CORROSION AND HEAT RESISTANT STEEL, UNS S66286, 130 KSI MIN, .5000-20 UNJF-3A

AS9579™
SHEET 1 OF 3

REV. D

ISSUED 2000-08 REAFFIRMED 2007-06 REVISED 2023-02

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	K	APPROX MASS LB/100	PART NO.	L	K	APPROX MASS LB/100
MS9579-03	.740-.760	.105-.125	7.54	MS9579-28	2.865-2.885	1.565-1.625	17.61
MS9579-04	.802-.822	.105-.125	7.83	MS9579-29	2.990-3.010	1.690-1.750	18.22
MS9579-05	.865-.885	.105-.125	8.12	MS9579-30	3.115-3.135	1.815-1.875	18.83
MS9579-06	.928-.948	.105-.125	8.41	MS9579-31	3.240-3.260	1.940-2.000	19.43
MS9579-07	.990-1.010	.105-.125	8.70	MS9579-32	3.365-3.385	2.065-2.125	20.04
MS9579-08	1.052-1.072	.105-.125	8.99	MS9579-33	3.490-3.510	2.190-2.250	20.65
MS9579-09	1.115-1.135	.105-.125	9.28	MS9579-34	3.615-3.635	2.315-2.375	21.26
MS9579-10	1.178-1.198	.105-.125	9.57	MS9579-35	3.740-3.760	2.440-2.500	21.86
MS9579-11	1.240-1.260	.105-.125	9.86	MS9579-36	3.865-3.885	2.565-2.625	22.47
MS9579-12	1.302-1.322	.105-.125	10.15	MS9579-37	3.990-4.010	2.690-2.750	23.07
MS9579-13	1.365-1.385	.105-.125	10.45	MS9579-38	4.115-4.135	2.815-2.875	23.68
MS9579-14	1.428-1.448	.128-.188	10.74	MS9579-39	4.240-4.260	2.940-3.000	24.29
MS9579-15	1.490-1.510	.190-.250	11.04	MS9579-40	4.365-4.385	3.065-3.125	24.89
MS9579-16	1.552-1.572	.252-.312	11.33	MS9579-41	4.490-4.510	3.190-3.250	25.50
MS9579-17	1.615-1.635	.315-.375	11.63	MS9579-42	4.615-4.635	3.315-3.375	26.11
MS9579-18	1.678-1.698	.378-.438	11.92	MS9579-43	4.740-4.760	3.440-3.500	26.71
MS9579-19	1.740-1.760	.440-.500	12.22	MS9579-44	4.865-4.885	3.565-3.625	27.32
MS9579-54	1.802-1.822	.502-.562	12.52	MS9579-45	4.990-5.010	3.690-3.750	27.92
MS9579-20	1.865-1.885	.565-.625	12.81	MS9579-46	5.115-5.135	3.815-3.875	28.53
MS9579-55	1.928-1.948	.628-.688	13.11	MS9579-47	5.240-5.260	3.940-4.000	29.13
MS9579-21	1.990-2.010	.690-.750	13.41	MS9579-48	5.365-5.385	4.065-4.125	29.74
MS9579-22	2.115-2.135	.815-.875	14.00	MS9579-49	5.490-5.510	4.190-4.250	30.35
MS9579-23	2.240-2.260	.940-1.000	14.61	MS9579-50	5.615-5.635	4.315-4.375	30.95
MS9579-24	2.365-2.385	1.065-1.125	15.21	MS9579-51	5.740-5.760	4.440-4.500	31.56
MS9579-25	2.490-2.510	1.190-1.250	15.85	MS9579-52	5.865-5.885	4.565-4.625	32.16
MS9579-26	2.615-2.635	1.315-1.375	16.42	MS9579-53	5.990-6.010	4.690-4.750	32.77
MS9579-27	2.740-2.760	1.440-1.500	17.01				

NOTES:

- FOR PART NUMBERS MS9579-03 THROUGH MS9579-23, MS9579-54, AND MS9579-55, DATUM Z SHALL REPLACE DATUM Y.
- MATERIAL: CORROSION AND HEAT RESISTANT STEEL PER AMS5731 (COMPOSITION SIMILAR TO UNS S66286).
- PROCUREMENT SPECIFICATION: AS7477.
- FINISH: SILVER PLATE PER AMS2411 .0002 TO .0006 THICK AT THREAD PD. DIMENSIONS SPECIFIED ARE AFTER PLATING. PD MAY BE REDUCED .0012 MAXIMUM BEFORE PLATING.
- FLUORESCENT PENETRANT INSPECTION PER ASTM E1417/E1417M, TYPE 1, SENSITIVITY LEVEL 2 MINIMUM, BEFORE PLATING.
- SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
- BREAK EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
- DIMENSIONING AND TOLERANCING PER ASME Y14.5-2018.
- DIMENSIONS ARE IN INCHES.
- UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- DO NOT USE UNASSIGNED PART NUMBERS.

	AEROSPACE STANDARD BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, PD SHANK, SILVER PLATED, CORROSION AND HEAT RESISTANT STEEL, UNS S66286, 130 KSI MIN, .5000-20 UNJF-3A	AS9579™ SHEET 2 OF 3	REV. D