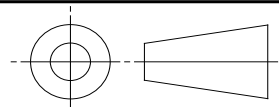


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REV. C	AS9442™	FEDERAL SUPPLY CLASS 5306	
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SAE values your input. To provide feedback on this Technical Report, please visit http://www.sae.org/technical/standards/AS9442C		THIRD ANGLE PROJECTION 	
CUSTODIAN: E-25		PROCUREMENT SPECIFICATION: /4/	
		AEROSPACE STANDARD BOLT, MACHINE - HEXAGON, DRILLED, 6 HOLES, PD SHANK, NICKEL CADMIUM PLATED, STEEL UNS K14675, 195 KSI MIN, .3125-24 UNJF-3A	AS9442™ REV. C

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ISSUED 2000-08 REVISED 2008-10 STABILIZED 2015-08

NOTICE

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	AEROSPACE STANDARD	AS9442™ SHEET 1 OF 4	REV. C
	BOLT, MACHINE - HEXAGON, DRILLED, 6 HOLES, PD SHANK, NICKEL CADMIUM PLATED, STEEL UNS K14675, 195 KSI MIN, .3125-24 UNJF-3A		

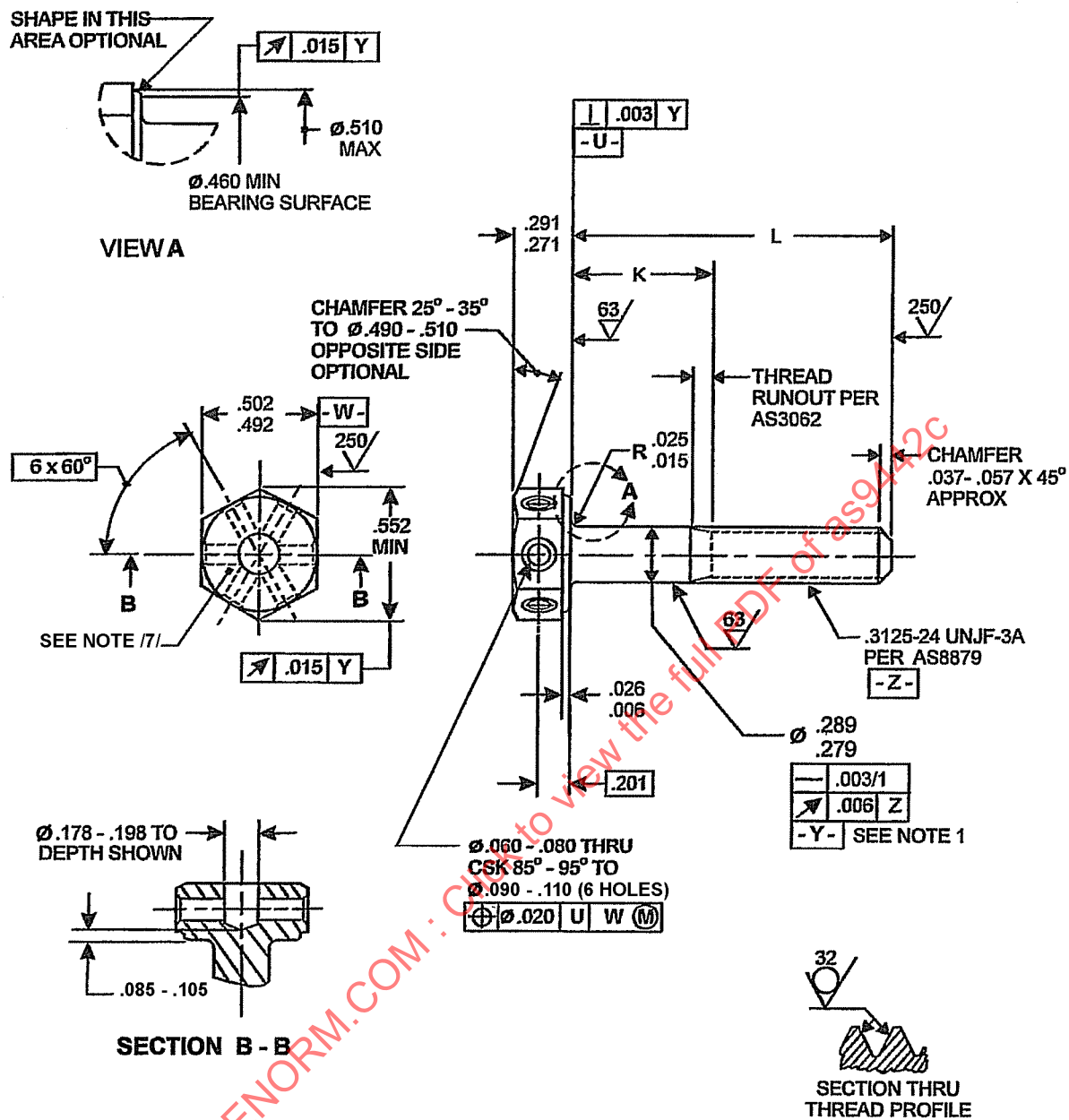


FIGURE 1 - BOLT

	AEROSPACE STANDARD BOLT, MACHINE - HEXAGON, DRILLED, 6 HOLES, PD SHANK, NICKEL CADMIUM PLATED, STEEL UNS K14675, 195 KSI MIN, .3125-24 UNJF-3A	AS9442™ SHEET 2 OF 4	REV. C
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TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NUMBER	L	K	APPROX. MASS LB/100	PART NUMBER	L	K	APPROX. MASS LB/100
MS9442-04	.490- .510	.088- .108	2.36	MS9442-32	2.740-2.760	1.815-1.875	6.42
MS9442-05	.552- .572	.088- .108	2.48	MS9442-33	2.865-2.885	1.940-2.000	6.65
MS9442-06	.615- .635	.088- .108	2.59	MS9442-34	2.990-3.010	2.065-2.125	6.88
MS9442-07	.678- .698	.088- .108	2.70	MS9442-35	3.115-3.135	2.190-2.250	7.10
MS9442-08	.740- .760	.088- .108	2.81	MS9442-36	3.240-3.260	2.315-2.375	7.33
MS9442-09	.803- .822	.088- .108	2.93	MS9442-37	3.365-3.385	2.440-2.500	7.55
MS9442-10	.865- .885	.088- .108	3.04	MS9442-38	3.490-3.510	2.565-2.625	7.78
MS9442-11	.928- .948	.088- .108	3.15	MS9442-39	3.615-3.635	2.690-2.750	8.01
MS9442-12	.990-1.010	.088- .125	3.27	MS9442-40	3.740-3.760	2.815-2.875	8.23
MS9442-13	1.052-1.072	.128- .188	3.38	MS9442-41	3.865-3.885	2.940-3.000	8.46
MS9442-14	1.115-1.135	.190- .250	3.49	MS9442-42	3.990-4.010	3.065-3.125	8.68
MS9442-15	1.178-1.198	.252- .312	3.60	MS9442-43	4.115-4.135	3.190-3.250	8.91
MS9442-16	1.240-1.260	.315- .375	3.72	MS9442-44	4.240-4.260	3.315-3.375	9.13
MS9442-17	1.302-1.322	.378- .438	3.83	MS9442-45	4.365-4.385	3.440-3.500	9.36
MS9442-18	1.365-1.385	.440- .500	3.94	MS9442-46	4.490-4.510	3.565-3.625	9.59
MS9442-19	1.428-1.448	.502- .562	4.06	MS9442-47	4.615-4.635	3.690-3.750	9.91
MS9442-20	1.490-1.510	.565- .625	4.17	MS9442-48	4.740-4.760	3.815-3.875	10.04
MS9442-21	1.552-1.572	.628- .688	4.28	MS9442-49	4.865-4.885	3.940-4.000	10.26
MS9442-22	1.615-1.635	.690- .750	4.39	MS9442-50	4.990-5.010	4.065-4.125	10.49
MS9442-23	1.678-1.698	.752- .812	4.51	MS9442-51	5.115-5.135	4.190-4.250	10.71
MS9442-24	1.740-1.760	.815- .875	4.62	MS9442-52	5.240-5.260	4.315-4.375	10.94
MS9442-25	1.865-1.885	.940-1.000	4.85	MS9442-53	5.365-5.385	4.440-4.500	11.17
MS9442-26	1.990-2.010	1.065-1.125	5.07	MS9442-54	5.490-5.510	4.565-4.625	11.39
MS9442-27	2.115-2.135	1.190-1.250	5.30	MS9442-55	5.615-5.635	4.690-4.750	11.62
MS9442-28	2.240-2.260	1.315-1.375	5.52	MS9442-56	5.740-5.760	4.815-4.875	11.84
MS9442-29	2.365-2.385	1.440-1.500	5.75	MS9442-57	5.865-5.885	4.940-5.000	12.07
MS9442-30	2.490-2.510	1.565-1.625	5.97	MS9442-58	5.990-6.010	5.065-5.125	12.29
MS9442-31	2.615-2.635	1.690-1.750	6.20				

NOTES:

NOTICE

THIS DOCUMENT REFERENCES A PART WHICH CONTAINS CADMIUM AS A PLATING MATERIAL. CONSULT LOCAL OFFICIALS IF YOU HAVE QUESTIONS CONCERNING CADMIUM'S USE.

- FOR PARTS NUMBERS MS9442-04 THRU MS9442-18 THE THREADED PD (DATUM $\boxed{-Z-}$) SHALL REPLACE DATUM $\boxed{-Y-}$.
- MATERIAL: LOW ALLOY STEEL PER AMS6304 (UNS K14675).
- FINISH: DIFFUSED NICKEL-CADMIUM PLATE PER AMS2416. DIMENSIONS ARE AFTER PLATING. CONTACT POINTS PERMISSIBLE. PD MAY BE REDUCED .0012 MAXIMUM BEFORE PLATING.
- PROCUREMENT SPECIFICATION: AS7455.
- MAGNETIC PARTICLE INSPECTION PER AS7455 BEFORE PLATING.
- SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES RA.

	AEROSPACE STANDARD	AS9442™ SHEET 3 OF 4	REV. C
	BOLT, MACHINE - HEXAGON, DRILLED, 6 HOLES, PD SHANK, NICKEL CADMIUM PLATED, STEEL UNS K14675, 195 KSI MIN, .3125-24 UNJF-3A		