

REV.
A

AS9890

RATIONALE

UPDATE OBSOLETE SPECIFICATION REFERENCES; ADD OPTIONAL HEAD BROACH; UPGRADE READABILITY OF STANDARD AND STANDARD UPDATED TO CURRENT SAE REQUIREMENTS.

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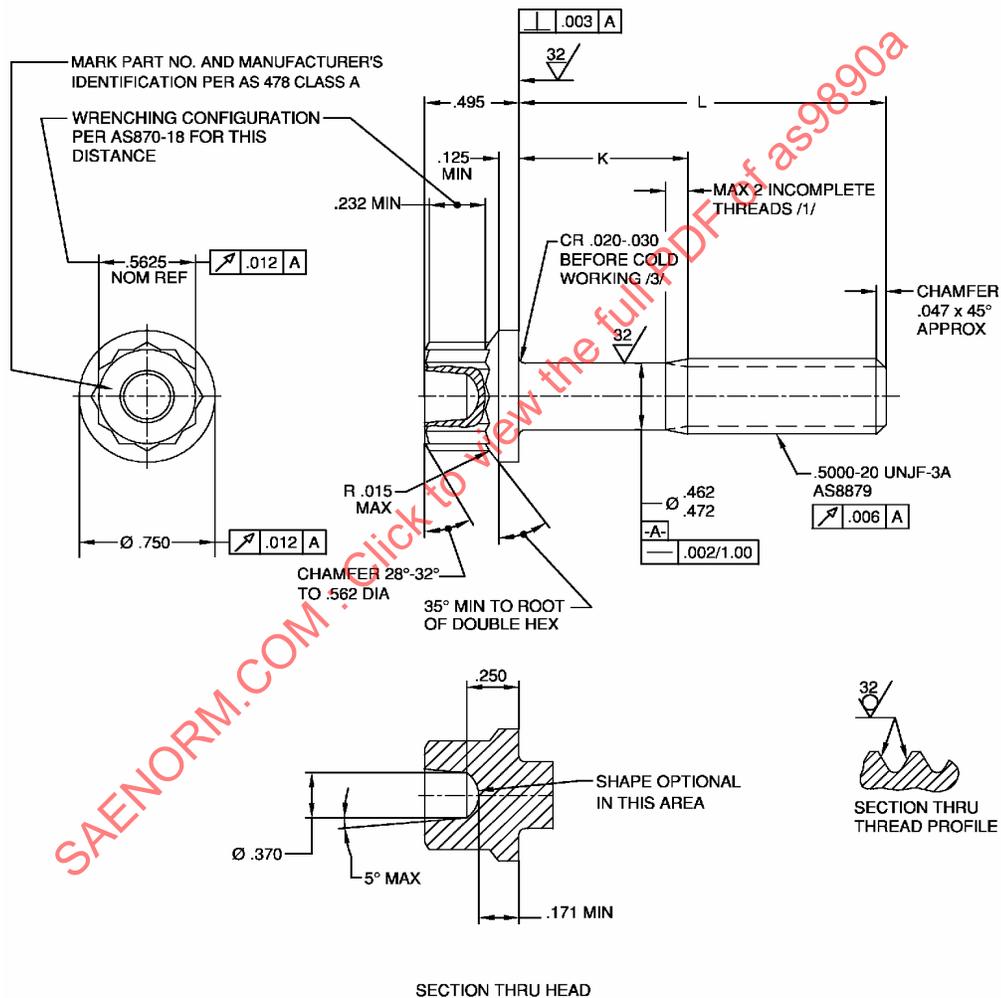
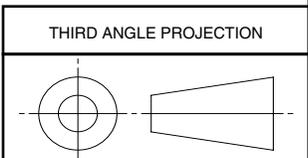


FIGURE 1



CUSTODIAN: SAE E-25

PROCUREMENT SPECIFICATION: /3/

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

(R) BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, CRES UNS S41800, .5000-20 UNJF-3A

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TABLE 1 - DIMENSIONS AND PART NUMBERS

PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9890-04	.812	.105-.125	7.99
MS9890-05	.875	.105-.125	8.28
MS9890-06	.938	.105-.125	8.59
MS9890-07	1.000	.105-.125	8.90
MS9890-08	1.062	.105-.125	9.22
MS9890-09	1.125	.105-.125	9.54
MS9890-10	1.188	.105-.125	9.86
MS9890-11	1.250	.105-.125	10.18
MS9890-12	1.312	.105-.125	10.48
MS9890-13	1.375	.105-.125	10.78
MS9890-14	1.438	.128-.188	11.09
MS9890-15	1.500	.190-.250	11.40
MS9890-16	1.562	.252-.312	11.71
MS9890-17	1.625	.315-.375	12.02
MS9890-18	1.688	.378-.438	12.33
MS9890-19	1.750	.440-.500	12.64
MS9890-20	1.812	.502-.562	12.93
MS9890-21	1.875	.565-.625	13.24
MS9890-22	1.938	.628-.688	13.55
MS9890-23	2.000	.690-.750	13.86
MS9890-24	2.125	.815-.875	14.45
MS9890-25	2.250	.940-1.000	15.04
MS9890-26	2.375	1.065-1.125	15.68
MS9890-27	2.500	1.190-1.250	16.30
MS9890-28	2.625	1.315-1.375	16.91
MS9890-29	2.750	1.440-1.500	17.52
MS9890-30	2.875	1.565-1.625	18.13
MS9890-31	3.000	1.690-1.750	18.74
MS9890-32	3.125	1.815-1.875	19.35
MS9890-33	3.250	1.900-2.000	19.96
MS9890-34	3.375	2.065-2.125	20.58
MS9890-35	3.500	2.190-2.250	21.20
MS9890-36	3.625	2.315-2.375	21.81
MS9890-37	3.750	2.440-2.500	22.42
MS9890-38	3.875	2.565-2.625	23.04
MS9890-39	4.000	2.690-2.750	23.66
MS9890-40	4.125	2.815-2.875	24.27
MS9890-41	4.250	2.940-3.000	24.88
MS9890-42	4.375	3.065-3.125	25.49
MS9890-43	4.500	3.190-3.250	26.10
MS9890-44	4.625	3.315-3.375	26.71
MS9890-45	4.750	3.440-3.500	27.32
MS9890-46	4.875	3.565-3.625	27.98
MS9890-47	5.000	3.690-3.750	28.59
MS9890-48	5.125	3.815-3.875	29.20
MS9890-49	5.250	3.940-4.000	29.81
MS9890-50	5.375	4.065-4.125	30.42
MS9890-51	5.500	4.190-4.250	31.03
MS9890-52	5.625	4.315-4.375	31.64
MS9890-53	5.750	4.440-4.500	32.25
MS9890-54	5.875	4.565-4.625	32.86
MS9890-55	6.000	4.690-4.750	33.47



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