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AS9502

FEDERAL SUPPLY CLASS
5306

NOTICE

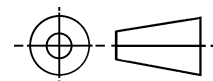
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THIRD ANGLE PROJECTION



ISSUED 1999-08

PREPARED BY SAE COMMITTEE E-25

PROCUREMENT SPECIFICATION: NONE

SAE The Engineering Society
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Land Sea Air and Space®
INTERNATIONAL
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AEROSPACE STANDARD

BOLT, MACHINED - HEXAGON HEAD, DRILLED, 1 HOLE,
FULL SHANK, AMS 5731, .3125-24 UNJF-3A

AS9502
SHEET 1 OF 3

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MARK PART NUMBER AND MANUFACTURER'S IDENTIFICATION PER AS 478 CLASS A

VIEW A ENLARGED

.561 MIN

.502
.492

.060-.070 DIA
CSK 90° TO .100
DIA BOTH ENDS

.460 DIA MIN
BEARING SURFACE

.510 DIA
MAX

.198
.182

.127
.113

.016

.025 R
.015

32

K

L

MAXIMUM 2
INCOMPLETE
THREADS
(SEE NOTE 4)

CHAMFER
.047 x 45°
APPROX

.312
.309 DIA

.3125-24 UNJF-3A
MIL-S-8879

THIS SURFACE MUST BE SQUARE
WITH SHANK WITHIN .003 FIR

CHAMFER 30° TO .500 DIA

SECTION THRU
THREAD PROFILE

32

32

PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9502-04	.500	.088-.108	2.15	MS9502-31	2.625	1.690-1.750	6.75
MS9502-05	.562	.088-.108	2.29	MS9502-32	2.750	1.815-1.875	7.03
				MS9502-33	2.875	1.940-2.000	7.30
				MS9502-34	3.000	2.065-2.125	7.57
				MS9502-35	3.125	2.190-2.250	7.80
MS9502-06	.625	.088-.108	2.42	MS9502-36	3.250	2.315-2.375	8.11
MS9502-07	.688	.088-.108	2.56	MS9502-37	3.375	2.440-2.500	8.38
MS9502-08	.750	.088-.108	2.70	MS9502-38	3.500	2.565-2.625	8.65
MS9502-09	.812	.088-.108	2.83	MS9502-39	3.625	2.690-2.750	8.92
MS9502-10	.875	.088-.108	2.97	MS9502-40	3.750	2.815-2.875	9.19
MS9502-11	.938	.088-.108	3.10	MS9502-41	3.875	2.940-3.000	9.46
MS9502-12	1.000	.088-.125	3.24	MS9502-42	4.000	3.065-3.125	9.73
MS9502-13	1.062	.128-.188	3.37	MS9502-43	4.125	3.190-3.250	10.00
MS9502-14	1.125	.190-.250	3.51	MS9502-44	4.250	3.315-3.375	10.27
MS9502-15	1.188	.252-.312	3.64	MS9502-45	4.375	3.440-3.500	10.54
MS9502-16	1.250	.315-.375	3.78	MS9502-46	4.500	3.565-3.625	10.81
MS9502-17	1.312	.378-.438	3.91	MS9502-47	4.625	3.690-3.750	11.08
MS9502-18	1.375	.440-.500	4.05	MS9502-48	4.750	3.815-3.875	11.36
MS9502-19	1.438	.502-.562	4.18	MS9502-49	4.875	3.940-4.000	11.63
MS9502-20	1.500	.565-.625	4.32	MS9502-50	5.000	4.065-4.125	11.90
MS9502-21	1.562	.628-.688	4.45	MS9502-51	5.125	4.190-4.250	12.17
MS9502-22	1.625	.690-.750	4.59	MS9502-52	5.250	4.315-4.375	12.44
MS9502-23	1.688	.752-.812	4.73	MS9502-53	5.375	4.440-4.500	12.71
MS9502-24	1.750	.815-.875	4.86	MS9502-54	5.500	4.565-4.625	12.98
MS9502-25	1.875	.940-1.000	5.13	MS9502-55	5.625	4.690-4.750	13.25
MS9502-26	2.000	1.065-1.125	5.40	MS9502-56	5.750	4.815-4.875	13.52
MS9502-27	2.125	1.190-1.250	5.67	MS9502-57	5.875	4.940-5.000	13.78
MS9502-28	2.250	1.315-1.375	5.94	MS9502-58	6.000	5.065-5.125	14.06
MS9502-29	2.375	1.440-1.500	6.21	MS9502-59	1.812	.878-.938	5.00
MS9502-30	2.500	1.565-1.625	6.48	MS9502-60	1.938	1.002-1.062	5.27