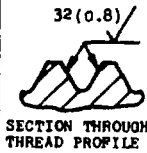
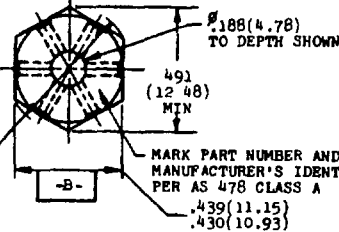


MS9958FED SUP CLASS
5306SECTION THROUGH
THREAD PROFILE

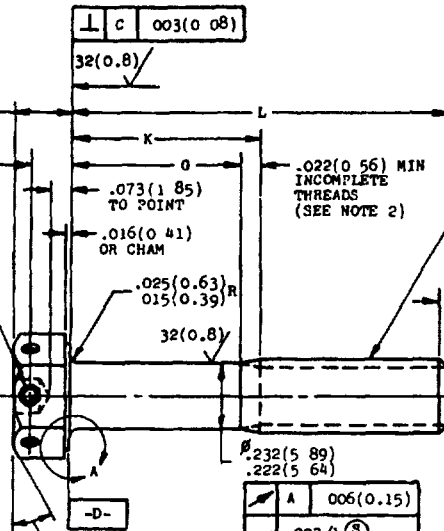
Ø 070(1.78)
CSK 90° TO Ø 100(2.54)
6 HOLES EQUALLY SPACED

⊕ D B (H) Ø .020(0.51) (H)



⊕ C .013(0.33)

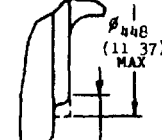
CHAM 30° TO Ø 438(11.13)
(0° OPPOSITE SIDE OPTIONAL)



250-28UNJF-3A
MIL-S-8879

-A-

CHAMFER .031(0.79)
X 45° ± 10°



VIEW A

- 1 FOR PART NUMBERS MS9958-04 THRU MS9958-18 THE THREAD PD SHALL REPLACE DATUM C.
- 2 INCOMPLETE THREADS NOT TO ENTER PILET
- 3 MATERIAL STEEL AMS 6322
- 4 HARDNESS ROCKWELL C26-32
- 5 FINISH CADMIUM PLATE AMS 2400 DIMENSIONS SPECIFIED ARE AFTER PLATING
- 6 MANUFACTURING SPECIFICATION AMS 7452 EXCEPT HEAD SHALL BE UPSET
- 7 HEAD TO SHANK PILET SHALL BE COLD WORKED
- 8 MAGNETIC PARTICLE INSPECTION PER AMS 2640 AFTER PLATING
- 9 SURFACE TEXTURE ANSI B46.1-1962 UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES (3.2 MICROMETERS) EXCEPT UPSET HEAD
- 10 BREAK SHARP EDGES .003-.015 (0.08-0.38) UNLESS OTHERWISE SPECIFIED
- 11 DIMENSIONS IN INCHES METRIC CONVERSIONS ARE IN PARENTHESES UNLESS OTHERWISE SPECIFIED TOLERANCES, LINEAR DIMENSIONS ± 0.10 (0.25), ANGULAR DIMENSIONS ± 5°
- 12 INTERNATIONAL SYSTEM UNITS (SI) SHOWN ARE FOR REFERENCE ONLY.
- 13 DIMENSIONING AND TOLERANCING ANSI Y14.5-1966, Ø = DIAMETER
- 14 DO NOT USE UNASSIGNED PART NUMBERS.

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STANDARDS DIVISION.

P A. Air Force - 11

Other Cast
Army - AV
Navy - AS

TITLE

BOLT, MACHINE, HEXAGON HEAD, DRILLED, 6 HOLE,
PD SHANK, STEEL AMS 6322, CADMIUM PLATED,
250-28UNJF-3A

MILITARY STANDARD

MS9958

PROCUREMENT SPECIFICATION

SUPERSEDES

SHEET 1 OF 2

DD FORM 672-1
1 APR 57
ASD use only

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5306-0493

APPROVED 27 Jun 74 REVISED

User activities
Army
Navy
Air Force
D S A

Review activities
Army
Navy
Air Force
D S A

This military standard is approved for use by all Departments and Agencies
of the Department of Defense. Selection for all new engineering and design
applications and for repetitive use shall be made from this document.

MS9958**FED SUP CLASS**
5306User activities:
Army
Navy
Air Force
OSAReview activities:
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OSA

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P.A. Air Force - II	TITLE	MILITARY STANDARD
Other Code Army-AV Navy-AS	BOLT, MACHINE, HEXAGON HEAD, DRILLED, 6 HOLE, PD SHANK, STEEL AMS 6322, CADMIUM PLATED, .250-28UNJF-3A	MS9958
PROCUREMENT SPECIFICATION	SUPERSEDES	SHEET 2 OF 2

DD FORM 672-1
1 SEP 77
ASD use only

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5306-0493

★ U.S. GOVERNMENT PRINTING OFFICE 1974-603-109/1176

APPROVED 27 Jun 74 REVISED

PART NUMBER	L (mm)		G MIN (mm)		K MAX (mm)		APPROX MASS (lb/100 kg/100)		L (mm)		G MIN (mm)		K MAX (mm)		APPROX MASS (lb/100 kg/100)		L (mm)		G MIN (mm)		K MAX (mm)		APPROX MASS (lb/100 kg/100)	
	IN.	mm	IN.	mm	IN.	mm	IN.	mm	IN.	mm	IN.	mm	IN.	mm	IN.	mm	IN.	mm	IN.	mm	IN.	mm	IN.	mm
MS9958-04	375	9.52	.025	0.64	.099	2.51	1.37	621	2.750	69.85	1.869	47.48	2.000	50.80	4.09	1.855	47.48	2.000	50.80	4.09	1.855	47.48	2.000	50.80
MS9958-05	438	11.12	.025	0.64	.099	2.51	1.44	.653	3.250	82.55	2.369	60.18	2.500	63.50	4.66	2.114	53.97	2.250	57.15	4.38	1.987	50.65	2.125	53.97
MS9958-06	500	12.70	.025	0.64	.099	2.51	1.51	.695	3.375	85.72	2.494	63.35	2.625	66.67	4.81	2.182	55.91	2.750	69.85	4.95	2.425	61.30	2.875	73.02
MS9958-07	562	14.27	.025	0.64	.099	2.51	1.58	.717	3.500	88.90	2.619	66.53	2.875	73.02	5.09	2.245	57.15	3.000	76.20	5.24	2.377	60.32	3.000	76.20
MS9958-08	625	15.88	.025	0.64	.099	2.51	1.65	.748	3.625	92.08	2.744	69.70	3.000	76.20	5.38	2.335	59.85	3.125	79.38	5.53	2.509	63.50	3.250	82.55
MS9958-09	688	17.48	.025	0.64	.099	2.51	1.72	.780	3.750	95.25	2.869	72.88	3.125	79.38	5.67	2.399	61.30	3.250	82.55	5.82	2.614	66.67	3.375	85.72
MS9958-10	750	19.05	.025	0.64	.099	2.51	1.80	.816	3.875	98.42	2.994	76.05	3.375	85.72	5.94	2.445	63.35	3.375	85.72	6.09	2.545	65.61	3.500	88.90
MS9958-11	812	20.62	.025	0.64	.099	2.51	1.87	.848	4.000	101.60	3.119	79.23	3.500	88.90	6.24	2.504	65.61	3.500	88.90	6.39	2.614	66.67	3.625	92.08
MS9958-12	875	22.22	.025	0.64	.099	2.51	1.94	.880	4.125	104.78	3.244	82.40	3.625	92.08	6.53	2.563	67.62	3.625	92.08	6.68	2.704	68.88	3.750	95.25
MS9958-13	938	23.82	.025	0.64	.099	2.51	2.01	.912	4.250	107.95	3.369	85.58	3.750	95.25	6.82	2.622	69.70	3.750	95.25	6.97	2.773	70.94	3.875	98.42
MS9958-14	1000	25.40	.025	0.64	.099	2.51	2.08	.943	4.375	111.12	3.494	88.75	3.875	98.42	7.11	2.681	71.87	3.875	98.42	7.26	2.822	73.02	4.000	101.60
MS9958-15	1062	26.97	.025	0.64	.099	2.51	2.15	.975	4.500	114.30	3.619	91.93	4.000	101.60	7.40	2.740	73.02	4.000	101.60	7.55	2.881	74.17	4.125	104.78
MS9958-16	1125	28.58	.025	0.64	.099	2.51	2.23	1.012	4.625	117.48	3.744	95.10	4.125	104.78	7.69	2.799	75.00	4.125	104.78	7.84	2.940	75.00	4.250	107.95
MS9958-17	1188	30.18	.025	0.64	.099	2.51	2.30	1.043	4.750	120.65	3.869	98.24	4.250	107.95	7.98	2.858	77.17	4.250	107.95	8.13	3.000	77.17	4.375	111.12
MS9958-18	1250	31.75	.025	0.64	.099	2.51	2.37	1.075	4.875	123.82	3.994	101.45	4.375	111.12	8.27	2.917	79.23	4.375	111.12	8.42	3.058	80.38	4.500	114.30
MS9958-19	1312	33.32	.025	0.64	.099	2.51	2.44	1.107	5.000	127.00	4.119	104.63	4.500	114.30	8.56	3.016	81.25	4.500	114.30	8.71	3.159	82.55	4.625	117.48
MS9958-20	1375	34.92	.025	0.64	.099	2.51	2.51	1.139	5.125	130.18	4.244	107.81	4.625	117.48	8.85	3.075	83.30	4.625	117.48	9.00	3.200	84.61	4.750	120.65
MS9958-21	1438	36.52	.025	0.64	.099	2.51	2.58	1.170	5.250	133.35	4.369	110.95	4.750	120.65	9.14	3.134	85.41	4.750	120.65	9.29	3.241	86.72	4.875	123.82
MS9958-22	1500	38.10	.025	0.64	.099	2.51	2.65	1.206	5.375	136.52	4.494	114.13	4.875	123.82	9.43	3.193	87.52	4.875	123.82	9.58	3.282	88.03	5.000	127.00
MS9958-23	1562	39.67	.025	0.64	.099	2.51	2.73	1.238	5.500	139.69	4.619	117.30	5.000	127.00	9.72	3.252	89.63	5.000	127.00	9.87	3.323	90.14	5.125	130.18
MS9958-24	1625	41.28	.025	0.64	.099	2.51	2.80	1.270	5.625	142.86	4.744	120.47	5.125	130.18	10.01	3.311	91.74	5.125	130.18	10.16	3.362	92.08	5.250	133.35
MS9958-25	1688	42.88	.025	0.64	.099	2.51	2.87	1.302	5.750	146.03	4.869	123.65	5.250	133.35	10.30	3.370	93.85	5.250	133.35	10.45	3.411	93.36	5.375	136.52
MS9958-26	1750	44.45	.025	0.64	.099	2.51	2.94	1.333	5.875	149.20	4.994	126.83	5.375	136.52	10.59	3.429	95.96	5.375	136.52	10.74	3.462	94.77	5.500	140.62
MS9958-27	1812	46.02	.025	0.64	.099	2.51	3.01	1.365	6.000	152.37	5.119	130.03	5.500	140.62	10.83	3.488	98.07	5.500	140.62	10.98	3.503	96.28	5.625	143.82
MS9958-28	1875	47.62	.025	0.64	.099	2.51	3.08	1.397	6.125	155.54	5.244	133.21	5.625	143.82	11.07	3.547	100.18	5.625	143.82	11.22	3.588	98.42	5.750	146.83
MS9958-29	1938	49.22	.025	0.64	.099	2.51	3.15	1.433	6.250	158.71	5.369	136.40	5.750	146.83	11.31	3.606	102.29	5.750	146.83	11.46	3.629	100.63	5.875	150.00
MS9958-30	2000	50.80	.025	0.64	.099	2.51	3.23	1.465	6.375	161.88	5.494	139.58	5.875	150.00	11.55	3.665	104.40	5.875	150.00	11.70	3.670	102.29	6.000	152.40
MS9958-31	2125	53.98	.025	0.64	.099	2.51	3.30	1.501	6.500	165.05	5.619	142.75	6.000	155.54	11.79	3.724	106.51	6.000	155.54	11.94	3.719	104.40	6.125	158.71
MS9958-32	2250	57.15	.025	0.64	.099	2.51	3.37	1.537	6.625	168.22	5.744	145.92	6.125	158.71	12.03	3.783	108.62	6.125	158.71	12.18	3.764	106.51	6.250	161.88
MS9958-33	2375	60.32	.025	0.64	.099	2.51	3.44	1.573	6.750	171.39	5.869	149.09	6.250	161.88	12.27	3.842	110.73	6.250	161.88	12.42	3.785	108.62	6.375	165.05
MS9958-34	2500	63.50	.025	0.64	.099	2.51	3.51	1.609	6.875	174.56	5.994	152.26	6.375	165.05	12.51	3.901	112.84	6.375	165.05	12.66	3.806	110.73	6.500	168.22
MS9958-35	2625	66.67	.025	0.64	.099	2.51	3.58	1.645	7.000	177.73	6.119	155.43	6.500	170.62	12.75	3.960	114.95	6.500	170.62	12.90	3.827	112.84	6.625	171.88