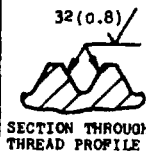
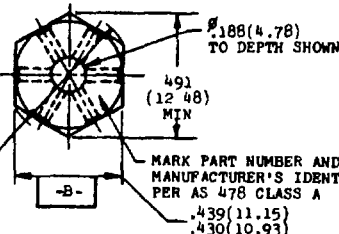


MS9958FED SUP CLASS
5306SECTION THROUGH
THREAD PROFILE

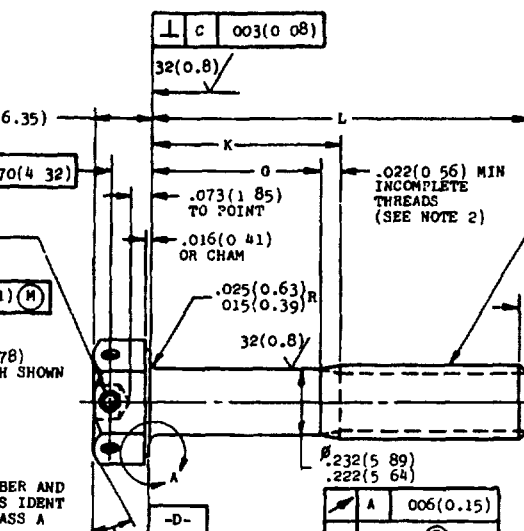
Ø 070(1.78)
CSK 90° TO Ø 100(2.54)
6 HOLES EQUALLY SPACED

⊕ D B (H) Ø .020(0.51) (H)



⊕ C .013(0.33)

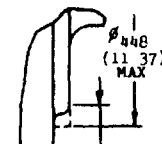
CHAM 30° TO Ø 438(11.13)
(0° OPPOSITE SIDE OPTIONAL)



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, DSA
 Review activities: Army, Navy, Air Force, DSA
 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:
Army
Navy
Air Force
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

PART NUMBER	L		G MIN		K MAX		APPROX MASS		PART NUMBER	L		G MIN		K MAX		APPROX MASS	
	IN.	(mm)	IN.	(mm)	IN.	(mm)	LB/100	kg/100		IN.	(mm)	IN.	(mm)	IN.	(mm)	LB/100	kg/100
MS9958-04	375	9.52	.025	0.64	.099	2.51	1.37	.621	MS9958-36	2.750	69.85	1.869	47.48	2.000	50.80	4.09	1.855
MS9958-05	438	11.12	.025	0.64	.099	2.51	1.44	.653	MS9958-37	2.875	73.02	2.119	50.65	2.125	53.97	4.23	1.919
MS9958-06	500	12.70	.025	0.64	.099	2.51	1.51	.695	MS9958-38	3.000	76.20	2.244	53.83	2.250	57.15	4.38	1.987
MS9958-07	562	14.27	.025	0.64	.099	2.51	1.58	.748	MS9958-39	3.125	79.38	2.369	57.00	2.375	60.32	4.52	2.050
MS9958-08	625	15.88	.025	0.64	.099	2.51	1.65	.780	MS9958-40	3.250	82.55	2.494	60.18	2.500	63.50	4.66	2.114
MS9958-09	688	17.48	.025	0.64	.099	2.51	1.72	.816	MS9958-41	3.375	85.72	2.619	63.35	2.625	66.67	4.81	2.182
MS9958-10	750	19.05	.025	0.64	.099	2.51	1.80	.848	MS9958-42	3.500	88.90	2.744	66.53	2.750	69.85	4.95	2.245
MS9958-11	812	20.62	.025	0.64	.099	2.51	1.87	.880	MS9958-43	3.625	92.08	2.869	69.70	2.875	73.02	5.09	2.309
MS9958-12	875	22.22	.025	0.64	.099	2.51	1.94	.912	MS9958-44	3.750	95.25	2.994	72.88	3.000	76.20	5.24	2.377
MS9958-13	938	23.82	.025	0.64	.099	2.51	2.01	.943	MS9958-45	3.875	98.42	3.119	76.05	3.125	79.37	5.38	2.440
MS9958-14	1000	25.40	.025	0.64	.099	2.51	2.08	.975	MS9958-46	4.000	101.60	3.244	79.23	3.250	82.55	5.52	2.504
MS9958-15	1062	26.97	.025	0.64	.099	2.51	2.15	.975	MS9958-47	4.125	104.78	3.369	82.40	3.375	85.72	5.67	2.572
MS9958-16	1125	28.58	.025	0.64	.099	2.51	2.23	1.012	MS9958-48	4.250	107.95	3.494	85.58	3.500	88.90	5.81	2.630
MS9958-17	1188	30.18	.025	0.64	.099	2.51	2.30	1.043	MS9958-49	4.375	111.12	3.619	88.75	3.625	92.07	5.95	2.699
MS9958-18	1250	31.75	.025	0.64	.099	2.51	2.37	1.075	MS9958-50	4.500	114.30	3.744	91.93	3.750	95.25	6.13	2.767
MS9958-19	1312	33.32	.025	0.64	.099	2.51	2.44	1.107	MS9958-51	4.625	117.48	3.869	95.10	3.875	98.42	6.24	2.830
MS9958-20	1375	34.92	.025	0.64	.099	2.51	2.51	1.139	MS9958-52	4.750	120.65	3.994	98.24	4.000	101.60	6.38	2.894
MS9958-21	1438	36.52	.025	0.64	.099	2.51	2.58	1.170	MS9958-53	4.875	123.82	4.119	101.45	4.125	104.77	6.53	2.962
MS9958-22	1500	38.10	.025	0.64	.099	2.51	2.65	1.202	MS9958-54	5.000	127.00	4.244	104.33	4.250	107.95	6.67	3.025
MS9958-23	1562	39.67	.025	0.64	.099	2.51	2.73	1.238	MS9958-55	5.125	130.18	4.369	107.0	4.375	111.12	6.82	3.094
MS9958-24	1625	41.28	.025	0.64	.099	2.51	2.80	1.270	MS9958-56	5.250	133.35	4.494	110.85	4.500	114.30	6.96	3.157
MS9958-25	1688	42.88	.025	0.64	.099	2.51	2.87	1.302	MS9958-57	5.375	136.52	4.619	113.15	4.625	117.47	7.10	3.220
MS9958-26	1750	44.45	.025	0.64	.099	2.51	2.94	1.333	MS9958-58	5.500	139.69	4.744	115.98	4.750	120.65	7.25	3.288
MS9958-27	1812	46.02	.025	0.64	.099	2.51	3.01	1.365	MS9958-59	5.625	142.86	4.869	118.80	4.875	123.82	7.39	3.352
MS9958-28	1875	47.62	.025	0.64	.099	2.51	3.08	1.397	MS9958-60	5.750	146.03	4.994	121.65	5.000	127.00	7.53	3.416
MS9958-29	1938	49.22	.025	0.64	.099	2.51	3.15	1.433	MS9958-61	5.875	149.20	5.119	124.48	5.125	130.17	7.68	3.484
MS9958-30	2000	50.80	.025	0.64	.099	2.51	3.23	1.465	MS9958-62	6.000	152.40	5.244	127.33	5.250	133.35	7.82	3.547
MS9958-31	2125	53.98	.025	0.64	.099	2.51	3.30	1.502									
MS9958-32	2250	57.15	.025	0.64	.099	2.51	3.37	1.537									
MS9958-33	2375	60.32	.025	0.64	.099	2.51	3.44	1.570									
MS9958-34	2500	63.50	.025	0.64	.099	2.51	3.51	1.602									
MS9958-35	2625	66.67	.025	0.64	.099	2.51	3.58	1.637									

APPROVED 27 Jun 74 REVISED