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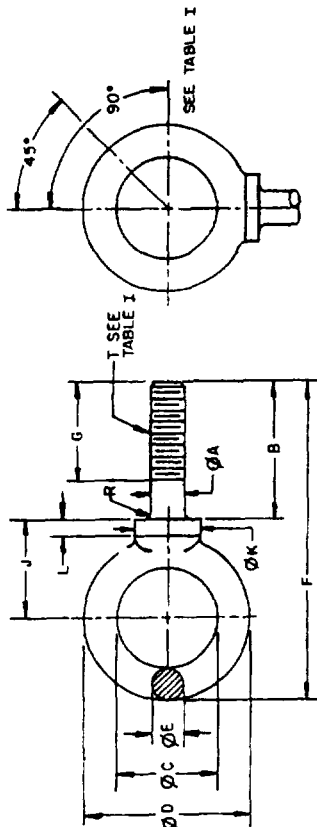


TABLE I. DASH NUMBERS AND DIMENSIONS

DASH NO	T	Ø A	B	Ø C	Ø D	Ø E	F	G	J	Ø K	L	R	PROOF LOAD POUNDS MIN	SAFE WORKING LOAD 1/		
														0°	45°	90°
1	.750-20	25	1.00	.69	1.19	.19	2.22	.75	.69	.50	.12	.015	600	400	100	80
2	.750-20	28	1.06	.81	1.44	.25	2.53	.81	.81	.56	.12	.025	650	460	115	92
3	.750-20	31	1.12	.81	1.44	.25	2.66	.81	.88	.56	.12	.015	1,200	800	200	160
4	.750-20	34	1.19	.94	1.69	.31	2.97	.88	1.00	.56	.12	.025	1,325	882	221	176
5	.750-20	38	1.25	1.06	1.69	.38	3.47	.88	1.06	.62	.12	.015	2,100	1,400	350	280
6	.750-20	41	1.38	1.06	1.69	.38	3.47	.88	1.19	.69	.19	.025	2,380	1,585	397	326
7	.750-20	44	1.50	1.12	1.81	.41	3.78	1.00	1.19	.75	.19	.015	3,000	2,000	500	400
8	.750-20	47	1.50	1.12	2.12	.44	3.81	1.12	1.31	.88	.19	.025	3,350	2,230	559	445
9	.750-20	50	1.62	1.25	2.12	.50	4.19	1.12	1.44	.94	.22	.025	3,900	2,600	650	520
10	.750-20	53	1.75	1.31	2.25	.53	4.56	1.25	1.50	.94	.22	.020	4,395	2,927	734	585
11	.750-20	56	1.87	1.31	2.25	.56	4.56	1.25	1.62	1.00	.22	.045	4,500	3,000	750	600
12	.750-20	62	2.00	1.44	2.56	.62	4.94	1.38	1.72	1.06	.31	.045	6,000	4,000	1,000	800
13	.750-20	75	2.00	1.44	2.81	.62	5.06	1.62	1.72	1.12	.25	.020	9,000	6,000	1,500	1,200
14	.750-20	88	2.25	1.56	3.19	.75	5.75	1.81	2.03	1.25	.31	.045	10,000	6,600	1,670	1,330
15	.750-20	91	2.38	1.69	3.19	.81	6.19	1.81	2.22	1.44	.38	.065	12,000	8,000	2,000	1,600
16	.750-20	100	2.50	1.69	3.56	.88	6.44	2.06	2.41	1.50	.38	.085	15,000	10,000	2,500	2,000
17	.750-20	112	2.75	1.81	4.06	1.00	7.31	2.31	2.78	1.69	.44	.085	22,500	15,000	3,750	3,000
18	.750-20	125	3.00	2.06	4.44	1.06	7.75	2.50	2.84	1.88	.50	.060	27,000	18,000	4,500	3,600
19	.750-20	134	3.12	2.25	5.19	1.16	8.44	3.00	3.03	2.00	.56	.095	33,000	22,000	5,500	4,400
20	.750-20	150	3.62	2.56	5.19	1.31	8.72	3.19	3.44	2.22	.62	.095	39,000	26,000	6,500	5,200
21	.750-20	175	3.75	3.15	6.00	1.50	10.50	3.19	3.88	2.50	.50	.060	33,000	22,000	5,500	4,400
22	.750-20	200	4.00	3.06	6.88	1.72	11.12	3.36	4.25	2.88	.62	.095	39,000	26,000	6,500	5,200
23	.750-20	209	4.12	3.44	6.88	1.88	12.22	3.36	4.50	3.00	.75	.095				

1/ APPLIES IF SHOULDER IS PROPERLY SEATED. THESE SAFE WORKING LOADS ARE BASED ON THE FOLLOWING PERCENTAGES OF MINIMUM PROOF LOADS AS SPECIFIED IN ASTM A490-83: 0° - 66.6 PER CENT, 45° - 16.7 PER CENT, 90° - 11.3 PER CENT.

2/ MIN. PROOF LOADS.

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P. A. Other Cust 99	AR INTERNATIONAL INTEREST	TITLE BOLT, EYE, SHOULDER UNC-2A AND UNF-2A	MILITARY STANDARD MS 51937
PROCUREMENT SPECIFICATION MIL-B-45908	SUPERSEDES:	PAGE	OF 2

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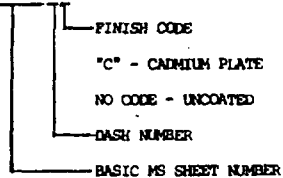
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FED. SUP CLASS
5306

REQUIREMENTS:

1. MATERIAL: FORGED CARBON STEEL IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.
2. PROTECTIVE COATING AND SURFACE TREATMENT: CADMIUM PLATE OR UNCOATED IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.
3. THREADS: THREADS SHALL BE IN ACCORDANCE WITH FED-STD-H28/2. ACCEPTABILITY OF SCREW THREADS SHALL BE IN ACCORDANCE WITH FED-STD-H28/20, SYSTEM 21.
4. PROOF LOAD: EYE BOLTS SHALL BE TESTED IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.
5. PART NUMBER: THE PART NUMBER SHALL CONSIST OF THE BASIC MS SHEET NUMBER, FOLLOWED BY A DASH NUMBER TAKEN FROM TABLE 1 AND THE FINISH CODE LETTER "C" FOR CADMIUM PLATE, NO CODE FOR UNCOATED.

EXAMPLE: MS51937-1C



MS51937-1C INDICATES: BOLT, EYE, SHOULDER, .250-20 UNC-2A; DIMENSIONS FROM TABLE 1, CADMIUM PLATE

MS51937-21 INDICATES: BOLT, EYE, SHOULDER, .250-28 UNF-2A; DIMENSIONS FROM TABLE 1, UNCOATED

6. MARKING: MANUFACTURER'S IDENTIFICATION MARKING SHALL BE IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.

NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.
3. REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.

APPROVED 23 APR 63 REVISED © FOR CHANGES SEE PAGE 1 AND 2

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PROCUREMENT SPECIFICATION MIL-B-45908			SUPERSEDES:	PAGE 2 OF 2