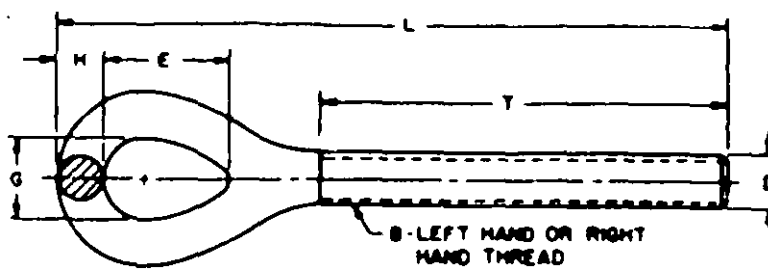


FED. SPEC CLASS
5306



REVIEWER: EL, IS, ME, RI, RSA, BS
13R:83, 41, MC, OS, TD

DASH NO.		D DIA MIN	B THREADS UNC-2A	E MIN	C MIN	H DIA MIN	L REF	Y REF	TURNBUCKLE CLEAR OPENING REF	RECOMMENDED WORKING LOAD LBS.
LEFT HAND	RIGHT HAND									
1	2	1/4	20	.688	.344	.219	4.25	2.56	4.00	500
3	4	5/16	18	.938	.468	.281	5.00	3.00	4.50	700
5	6	3/8	16	1.125	.531	.344	6.12	3.75	6.00	1,040
7	8	1/2	13	1.250	.719	.436	6.88	4.00	6.00	1,800
9	10						8.38	5.50	9.00	
11	12						9.88	7.00	12.00	
13	14	5/8	11	1.562	.875	.500	7.75	4.25	6.00	2,700
15	16						9.25	5.75	9.00	
17	18						10.75	7.25	12.00	
19	20						13.75	8.75	18.00	
21	22	3/4	10	2.125	1.000	.625	8.75	4.50	6.00	4,000
23	24						10.25	6.00	9.00	
25	26						11.75	7.50	12.00	
27	28						14.75	10.50	18.00	
29	30						17.75	13.50	24.00	
31	32	7/8	9	2.375	1.250	.750	12.62	7.75	12.00	5,800
33	34						15.62	10.75	18.00	
35	36						18.62	13.75	24.00	
37	38	1	8	2.625	1.438	.875	13.88	8.00	12.00	7,600
39	40						16.88	11.00	18.00	
41	42						19.88	14.00	24.00	
* 43	* 44	1-1/8	7	2.512	1.562	.969	13.56	8.88	12.00	8,300
* 45	* 46						16.56	11.88	18.00	
47	48	1-1/4	7	3.375	1.688	1.125	15.50	8.75	12.00	12,000
49	50						18.50	11.75	18.00	
51	52						21.50	14.75	24.00	
53	54	1-1/2	6	4.125	2.125	1.250	16.75	9.50	12.00	17,000
55	56						19.75	12.50	18.00	
57	58						22.75	15.50	24.00	
59	60	1-3/4	5	4.688	2.375	1.375	21.00	14.00	18.00	23,000
61	62	2	4-1/2	4.375	2.688	1.625	26.00	18.00	7.00	30,000
63	64	2-1/2	4	6.000	3.125	2.000	25.50	15.00	18.00	48,600

NOTES

- MATERIAL: Steel, form 1 (forged), in accordance with procurement specification.
- PROTECTIVE COATING: Zinc coated (hot dip galvanized) in accordance with procurement specification.
- THREADS: The threads shall be in accordance with Screw-Thread Standards for Federal Services, Handbook M29.
- DIMENSIONS: All dimensions are in inches, unless otherwise specified.
- PART NUMBER: The MS part number consists of the MS number plus the dash number.
Example: MS27950-1.
- Recommended working load (safety factor 5 to 1) based on breaking strength at thread root.
- Referenced documents shall be of the issue in effect on date of invitations for bid.
- For design feature purposes, this standard takes precedence over procurement documents referenced herein.
- Dash numbers 43 thru 46, inclusive, are inactive for new design. No longer manufactured.
- The illustration is for identification purposes only and is not intended to restrict designs and shapes not dimensioned.

(A) ENTIRE STANDARD REVISED

APPROVED 9 FEB 68 REVISED 21 MAR 1968

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

P.A. MC Other Code SH 82	TITLE BOLT, EYE-TURNBUCKLE (GENERAL PURPOSE)	MILITARY STANDARD MS27950
PROCUREMENT SPECIFICATION F3-T-791	SUPERSEDES	SHEET 1 OF 1