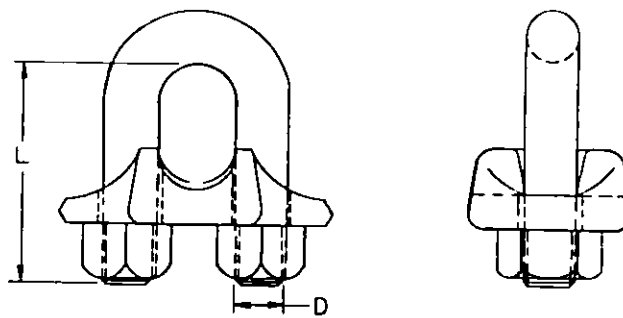


User activities:  
ARMY - AT, AV  
NAVY - MC, YD

Review activities:  
ARMY - ER, GL, ME, MI  
DLA - IS

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 when applicable.



FED. SUP CLASS  
4030

TABLE 1. DASH NUMBERS AND DIMENSIONS.

DASH NUMBER	WIRE ROPE DIAMETER	D THREAD MINIMUM	L MINIMUM	WEIGHT POUNDS MINIMUM	RECOMMENDED NO. OF CLAMPS FOR EACH CONNECTION**	
1	1/8	12-24	.2160-24UNC	.72	.05	2
2	3/16	1/4-20	.2500-20UNC	1.04	.09	2
3	1/4	5/16-18	.3125-18UNC	1.63	.18	2
4	5/16	3/8-16	.3750-16UNC	1.31	.25	2
5	3/8	7/16-14	.4375-14UNC	1.50	.42	2
6	7/16	1/2-13	.5000-13UNC	1.88	.70	2
7	1/2	1/2-13	.5000-13UNC	1.88	.73	3
8	5/8	9/16-12	.5625-12UNC	2.36	1.00	3
9	3/4	5/8-11	.6250-11UNC	2.75	1.50	4
10	7/8	3/4-10	.7500-10UNC	3.12	2.00	4
11	1	3/4-10	.7500-10UNC	3.50	2.50	5
12	1-1/8	3/4-10	.7500-10UNC	3.88	3.10	6
13	1-1/4	7/8-9	.8750-9UNC	4.25	4.00	6
14	1-3/8	7/8-9	.8750-9UNC	4.62	5.20	7
15	1-1/2	7/8-9	.8750-9UNC	4.64	5.40	7
16	1-5/8	1-8	1.000-8UNC	5.31	7.30	7
17	1-3/4	1-1/8-7	1.125-7UNC	5.75	8.60	7
18	2	1-1/4-7	1.250-7UNC	6.44	13.40	8

REQUIREMENTS:

- MATERIAL:** STEEL, CARBON IN ACCORDANCE WITH TYPE I, CLASS I OF PROCUREMENT SPECIFICATION.
- PROTECTIVE COATING:** ZINC COATING (HOT DIP GALVANIZED) IN ACCORDANCE WITH ASTM A153-82 OR ZINC COATING (ELECTRODEPOSITED) IN ACCORDANCE WITH ASTM B633-78, FE/Zn 5, TYPE II.
- THREADS:** THREADS SHALL BE IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.
- MARKING:** MARKING SHALL BE IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.
- PART NUMBER:** THE MS PART NUMBER CONSISTS OF THE MS NUMBER PLUS THE APPLICABLE DASH NUMBER IN TABLE 1.  
EXAMPLE: MS16842-1-CLAMP, WIRE ROPE, SADDLED, SINGLE GRIP, STEEL, ZINC COATED FOR WIRE ROPE, 1/8 INCH DIAMETER.

NOTES:

- DIMENSIONS:** DIMENSIONS ARE IN INCHES.
- SAFE WORKING LOAD:** USING THE RECOMMENDED NUMBERS OF CLAMPS, THE MAXIMUM RECOMMENDED APPLIED LOAD SHOULD NOT EXCEED ONE-FIFTH OF THE SPECIFIED BREAKING STRENGTH OF THE WIRE ROPE.
- THE FIGURE HEREIN IS FOR ILLUSTRATION PURPOSES ONLY AND IS NOT INTENDED TO RESTRICT DESIGN CONFIGURATION NOT DIMENSIONED.
- FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
- REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BIDS, OR REQUEST FOR PROPOSAL, EXCEPT THAT REFERENCED ADOPTED INDUSTRY DOCUMENTS SHALL GIVE THE DATE OF THE ISSUE ADOPTED.

TABLE 11. INTERCHANGEABILITY TABLE

PART NUMBER		PART NUMBER		PART NUMBER	
CANCELLED	USE	CANCELLED	USE	CANCELLED	USE
MS16842-101	MS16842-1	MS16842-106	MS16842-6	MS16842-111	MS16842-11
-102	-2	-107	-7	-112	-12
-103	-3	-108	-8	-113	-13
-104	-4	-109	-9	-114	-14
-105	-5	-110	-10	-115	-15

REINSTATED BY MS16842 REVISION E DATED 18 JUL 84  
(E) ENTIRE STANDARD REVISED

P. A. Other Cost	AR SH 82	INTERNATIONAL INTEREST	TITLE CLAMP, WIRE, ROPE, SADDLED, SINGLE GRIP, STEEL	MILITARY STANDARD MS 16842
PROCUREMENT SPECIFICATION FF-C-450	SUPERSEDES:	CTB X1	PAGE 1 OF 1	

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4030-0195

APPROVED 19 NOV 58 REVISED (A) 23 OCT 62 (B) 12 OCT 66 (C) 20 NOV 73 (D) 14 JAN 76 (E) 18 JUL 84