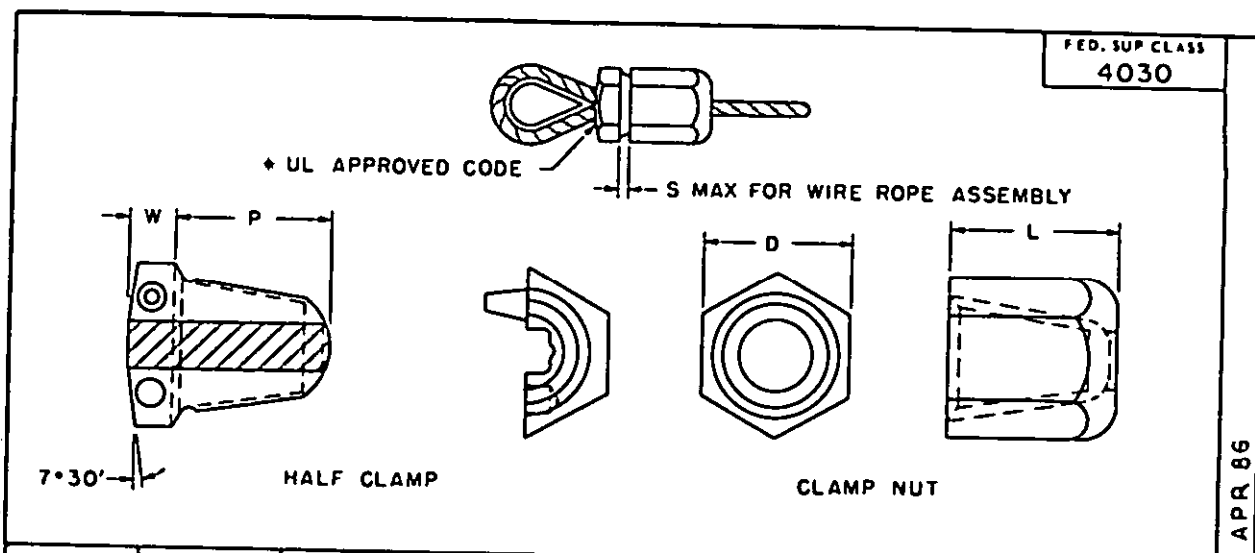


Review activities: User activities:
ARMY - ER, GL, ME
NAVY - NC, YD
OLA - IS

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.
This military standard is mandatory 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.



DASH NUMBER	THREADS PER INCH	WIRE ROPE DIAMETER	D ±.01	W ±.01	P ±.01	L ±.01	S DISTANCE BETWEEN HEXAGON'S (MAX)	WEIGHT PER UNIT POUNDS
10	20	1/16	.62	.19	.69	.77	.06	.08
1	20	1/8	.62	.19	.69	.77	.06	.08
2	20	3/16	.81	.22	.88	1.00	.09	.12
3	16	1/4	1.00	.25	1.03	1.12	.12	.13
4	16	5/16	1.25	.31	1.22	1.38	.19	.62
5	16	3/8	1.38	.38	1.41	1.56	.19	.81
6	12	7/16	1.62	.44	1.62	1.81	.25	1.06
7	12	1/2	1.88	.50	1.89	2.12	.25	2.00
8	10	5/8	2.25	.75	2.19	2.38	.25	3.00
9	10	3/4	2.62	.88	2.62	3.00	.25	5.25

NOTES:

- MATERIAL:** CARBON STEEL, 1033 TO 1040 IN ACCORDANCE WITH FEDERAL STANDARD NO. 60, WITH A MINIMUM TENSILE STRENGTH OF 83,000 PSI.
- HALF CLAMP:** HALF CLAMP TO BE DROP-FORGED.
- PROTECTIVE COATING:** CADMIUM PLATED, IN ACCORDANCE WITH SPECIFICATION QQ-P-410, TYPE 11, CLASS 3.
- MARKING:** THE HALF-CLAMP SHALL BE MARKED WITH A CODE APPROVED BY THE UNDERWRITERS LABORATORY.
EXAMPLE: SLC
- DIMENSIONS:** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
- PART NUMBER:** THE MS PART NUMBER WITH RIGHT HELICAL GROOVES CONSISTS OF THE MS NUMBER PLUS THE DASH NUMBER. EXAMPLE: MS16843-1. WHEN LEFT HELICAL GROOVES ARE REQUIRED ADD "L" TO THE PART NUMBER. EXAMPLE: MS16843-1-L.
- INTERCHANGEABILITY:** A CLAMP HALF OF ONE ASSEMBLY IS NOT INTERCHANGEABLE WITH A CLAMP HALF FROM ANOTHER ASSEMBLY.
- SAFE WORKING LOAD:** THE SAFE WORKING LOAD IS EQUAL TO NOT LESS THAN 90% OF RATED WIRE ROPE BREAKING STRENGTH FOR SIZES 1/4 INCH AND UNDER AND NOT LESS THAN 80% FOR SIZES OVER 1/4 INCH.
- 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.
- REFERENCED GOVERNMENT (OR NONGOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DDISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.
- THE ILLUSTRATION IS FOR IDENTIFICATION PURPOSE ONLY AND IS NOT INTENDED TO RESTRICT DESIGN OF STAPES NOT DIMENSIONED.

ⓔ VALIDATED-FOR ACQUISITION PURPOSES

P.A. Other Cast SH 90	AR	TITLE CLAMP, WIRE ROPE (DOUBLE GRIP), THREADED, STEEL	MILITARY STANDARD MS16843
PROCUREMENT SPECIFICATION FF-C-450	SUPERSEDES:	PAGE 1 OF 1	