

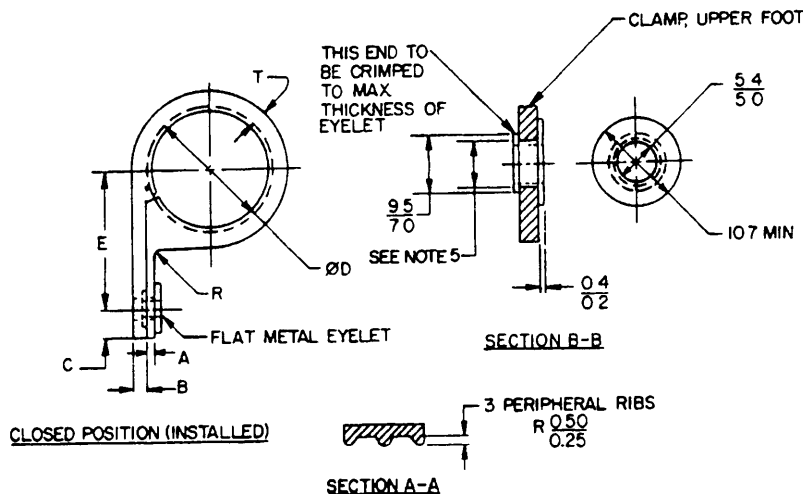
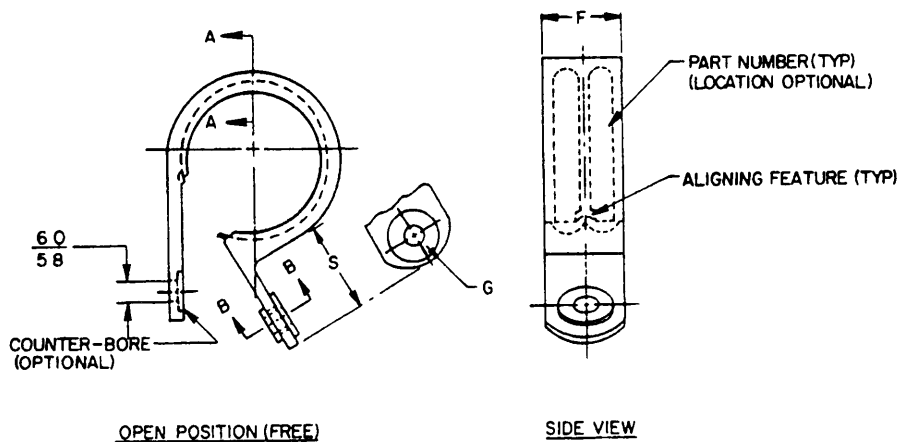
FED SUP CLASS  
5340USER ACTIVITIES  
ARMY-MI  
NAVY-MC, OS, SHREVIEWER ACTIVITIES  
ARMY-AV/CR  
NAVY-EC  
AIR FORCE-82  
DLA-IS

TABLE I. DASH NUMBERS AND DIMENSIONS

DASH NO	$\pm \varnothing D$ 0.5	$\pm E$ 0.6	A	B	C	F	G MIN RADIUS	$\pm R$ 0.2	$\pm S$ 0.3	T	
03	3.2	10.2	$\pm 1.8$ $\pm 0.3$	$\pm 2.1$ $\pm 0.5$	$\pm 6.0$ $\pm 0.3$	$\pm 13.0$ $\pm 0.2$	6.5	1.6	14.0	$\pm 1.5$ $\pm 0.5$	
04	4	12.7									
06	6	12.9									
08	8	13.9									
10	10	14.9									
12	12	15.9									
14	14	19.1	$\pm 2.8$ $\pm 0.6$	$\pm 2.4$ $\pm 0.2$	$\pm 8.0$ $\pm 0.3$	$\pm 15.0$ $\pm 1.5$	7.5	2.8	15.5	$\pm 1.8$ $\pm 0.5$	
16	16	20.1									
18	18	21.1									
20	20	22.1									
22	22	23.1									
24	24	24.1									
26	26	25.1	$\pm 2.8$ $\pm 0.6$	$\pm 3.2$ $\pm 0.2$	$\pm 8.0$ $\pm 0.3$	$\pm 15.0$ $\pm 1.5$	7.5	2.8	15.5	$\pm 3.0$ $\pm 1.0$	
28	28	26.8									
30	30	27.8									
32	32	28.8									
34	34	29.8									
36	36	30.8									
38	38	31.8									
40	40	32.8									
42	42	34.0									
44	44	35.2									
46	46	36.4									
48	48	37.6									
50	50	38.8									

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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.

P A NAVY-AS Other Cost ARMY-AR AIR FORCE-99	INTERNATIONAL INTEREST	TITLE CLAMP, LOOP, PLASTIC, WIRE SUPPORT, RIBBED INNER DIAMETER, METRIC	MILITARY STANDARD	
			DS14488	
PROCUREMENT SPECIFICATION MIL-S-23190	SUPERSEDES:	PAGE 1 OF 2		

USER ACTIVITIES:  
ARMY-MI  
NAVY-MC, OS, SH

REVIEWER ACTIVITIES:  
ARMY-AV, CR  
NAVY-EC  
AIR FORCE-82  
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FED. SUP CLASS  
5 3 4 0

# REQUIREMENTS:

## 1. MATERIAL:

CLAMP: POLYAMIDE PLASTIC (NYLON) IN ACCORDANCE WITH ASTM D4066, GROUP 1, CLASS 1, GRADE 1.

COLOR SHALL BE NATURAL.

EYELET: ALUMINUM ALLOY 6061, ANODIZED IN ACCORDANCE WITH MIL-A-8625.

## 2. MARKING: MARKING SHALL CONSIST OF MANUFACTURER'S NAME, FSCM OR TRADEMARK AND THE COMPLETE PART NUMBER. (SEE REQUIREMENT 5).

## 3. DIMENSIONS: DIMENSION ØD SHALL CHECK TO DIMENSIONS INDICATED IN TABLE I WITH ENDS HELD AS SHOWN.

## 4. TENSILE STRENGTH: TENSILE STRENGTH FOR DASH NUMBERS 03 THRU 10 SHALL BE 445 NEWTONS MINIMUM AND FOR DASH NUMBERS 12 THRU 50 SHALL BE 1000 NEWTONS MINIMUM.

## 5. PART NUMBER: THE PART NUMBER SHALL CONSIST OF THE BASIC DS SHEET NUMBER FOLLOWED BY A DASH NUMBER TAKEN FROM TABLE I.

EXAMPLE: DS14488-08

— DASH NUMBER

— BASIC DS SHEET NUMBER

DS14488-08 INDICATES: CLAMP, LOOP, PLASTIC, WIRE SUPPORT, METRIC, NOMINAL CLAMPING DIAMETER OF 8mm.

# NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS. UNLESS OTHERWISE SPECIFIED, TOLERANCE SHALL BE  $\pm 0.25$  FOR DECIMAL DIMENSIONS AND  $\pm 5^\circ$  FOR ANGULAR DIMENSIONS.
- CLAMPS SHALL BE FREE OF BURRS AND SHARP EDGES. MOLD MARKS AND NORMAL VENT FLASH ARE PERMISSIBLE.
- SIDE GATE CUT-OFF IS PERMISSIBLE, PROVIDED ØD DIAMETER AND INNER EDGE RADIUS IS NOT DISTURBED.
- THESE CLAMPS ARE INTENDED FOR TYING AND SUPPORT OF CABLE, CABLE ASSEMBLIES AND WIRE IN ELECTRICAL AND ELECTRONIC EQUIPMENT OF NONCRITICAL AREAS WHERE TEMPERATURES DO NOT EXCEED  $100^\circ\text{C}$ .
- DIAMETER OPTIONAL TO ASSURE FIT TO EYELET.
- 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 (DODISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.

APPROVED 2 APR 86  
REVISED

P. A. NAVY-AS Other: ARMY-AR AIR FORCE-99	INTERNATIONAL INTEREST	TITLE  CLAMP, LOOP, PLASTIC, WIRE SUPPORT, RIBBED INNER DIAMETER, METRIC	MILITARY STANDARD  DS14488
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