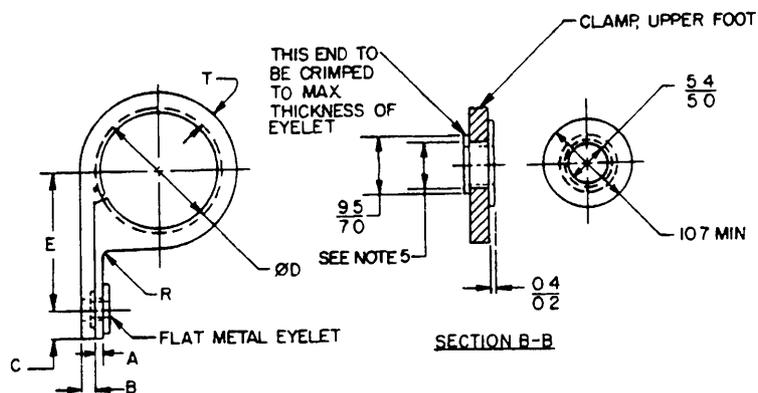


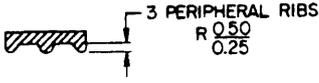
OPEN POSITION (FREE)

SIDE VIEW



CLOSED POSITION (INSTALLED)

SECTION B-B



SECTION A-A

TABLE I. DASH NUMBERS AND DIMENSIONS

DASH NO	$\pm 0.5$	$\pm 0.6$	A	B	C	F	G MIN RADIUS	$\pm 0.2$	$\pm 0.3$	T
03	3.2	10.2								
04	4	12.7		$\pm 2.1$						
06	6	12.9			$\pm 6.0$	$\pm 13.0$	6.5	1.6	14.0	$\pm 0.5$
08	8	13.9		$\pm 2.4$						
10	10	14.9								
12	12	15.9	$\pm 1.8$	$\pm 0.2$						
14	14	19.1	$\pm 0.3$							
16	16	20.1								
18	18	21.1								
20	20	22.1		$\pm 2.8$						$\pm 0.5$
22	22	23.1		$\pm 0.6$						
24	24	24.1	2.4							
26	26	25.1	$\pm 0.9$							
28	28	26.8								
30	30	27.8								
32	32	28.8			8.0	$\pm 15.0$			15.5	
34	34	29.8			$\pm 0.3$	$\pm 1.5$	7.5	2.8		
36	36	30.8								
38	38	31.8	$\pm 2.8$	$\pm 3.2$						$\pm 1.8$
40	40	32.8	$\pm 0.6$	$\pm 0.2$						$\pm 0.5$
42	42	34.0								
44	44	35.2								
46	46	36.4								
48	48	37.6								
50	50	38.8								

USER ACTIVITIES  
ARMY—M1  
NAVY—MC, OS, SH

REVIEWER ACTIVITIES  
ARMY—AV/CR  
NAVY—EC  
AIR FORCE—82  
DLA—IS

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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

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.

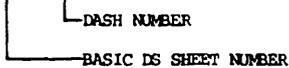
2. MARKING: MARKING SHALL CONSIST OF MANUFACTURER'S NAME, FSCM OR TRADEMARK AND THE COMPLETE PART NUMBER. (SEE REQUIREMENT 5).

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



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° 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.

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

REVIEWER ACTIVITIES:  
ARMY-AV, CR  
NAVY-EC  
AIR FORCE-82  
DLA-IS

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APPROVED 2 APR 86  
REVISED

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			<b>DS14488</b>	
PROCUREMENT SPECIFICATION MIL-S-23190		SUPERSEDES:	PAGE	2 OF 2