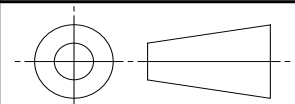


Technical drawing of a cable clamp assembly, showing side and end views with dimensions and labels.

Labels and Dimensions:

- .112-40 UNC SCREW .375 LONG**: Dimension A (overall length).
- NUT .112-40 UNC**: Dimension B (height of the nut).
- MARKING LOCATION OPTIONAL**: Dimension C (distance from the nut to the marking location).
- SHELL**: Dimension D (width of the shell).
- CABLE ENTRY**: Dimension E (height of the cable entry).
- CABLE CLAMP**: Dimension F (width of the cable clamp).
- .119 .099 .187 MAX**: Dimension G (height of the cable clamp).
- .112-40 UNC-2B 2 MOUNTING HOLES**: Dimension H (distance between mounting holes).
- CABLE ENTRY**: Dimension I (height of the cable entry).
- CABLE CLAMP**: Dimension J (width of the cable clamp).

THIRD ANGLE PROJECTION



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40 UNC

C

.119
.099
.187 MAX

1/2-40 UNC-2B
2 MOUNTING HOLES

F

FIGURE 1 - CONFIGURATIONS AND DIMENSIONS

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ISSUED 2000-05	REVISED 2004-10
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Part or Identifying Number (PIN)		Shell size	A	B	C	D	E	F	G
Steel	Nonmagnetic (brass)								
M85049/50-1	M85049/50-6	1	1.218 1.188	.748 .688	.989 .979	.467 .407	.467 .407	.498 .438	.311 .251
M85049/50-2	M85049/50-7	2	1.546 1.516	.748 .688	1.317 1.307	.467 .407	.467 .407	.498 .438	.311 .251
M85049/50-3	M85049/50-8	3	2.093 2.063	.998 .938	1.857 1.847	.467 .407	.655 .595	.498 .438	.311 .251
M85049/50-4	M85049/50-9	4	2.733 2.703	1.217 1.157	2.505 2.495	.467 .407	.842 .782	.498 .438	.311 .251
M85049/50-5	M85049/50-10	5	2.640 2.610	1.280 1.220	2.411 2.401	.592 .532	.936 .876	.561 .501	.373 .313

Inches	mm	Inches	mm	Inches	mm
.251	6.38	.655	16.64	1.516	38.51
.311	7.90	.688	17.48	1.546	39.27
.313	7.95	.748	19.08	2.063	52.40
.373	9.47	.938	23.83	2.093	53.16
.407	10.34	.998	25.36	2.401	60.99
.438	11.13	1.157	29.39	2.411	61.24
.468	11.86	1.188	30.18	2.495	63.37
.498	12.65	1.217	30.91	2.610	66.29
.532	13.51	1.218	30.94	2.640	67.06
.592	15.04	1.307	33.20	2.703	68.66
.595	15.11	1.317	33.45	2.733	69.42

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Dimensions apply after plating.
4. Electroless nickel finish is not for Navy use.
5. Electroless nickel shall be used in aerospace application only.

FIGURE 1 - CONFIGURATIONS AND DIMENSIONS (CONTINUED)

REQUIREMENTS:

DESIGN AND CONSTRUCTION:

DIMENSIONS AND CONFIGURATIONS: SEE FIGURE 1.

SCREWS AND NUTS ARE SHOWN ASSEMBLED FOR REFERENCE ONLY AND ARE TO BE SHIPPED UNASSEMBLED IN A COMMON CONTAINER WITH THE ACCESSORY.

MATERIAL AND FINISH: SEE TABLE 1.

TABLE 1 - MATERIAL AND FINISH

DASH NUMBER	MATERIAL			FINISH	
	SHELL	CABLE CLAMP	SCREW/NUT 1/	SHELL/ CABLE CLAMP	SCREW/NUT
1 2 3 4 5	LOW CARBON SHEET STEEL	LOW CARBON SHEET STEEL SAE 1010 .024 THICK	STEEL 2/	F 3/	F 3/ 4/
1 2 3 4 5			300 SERIES CORROSION RESISTANT STEEL 5/	N	PASSIVATE
6 7 8 9 10	BRASS IN ACCORDANCE WITH QQ-B-613 COMPOSITION 260	BRASS IN ACCORDANCE WITH QQ-B-613 COMPOSITION 260, 1/2 HARD	BRASS 6/	F 3/	F 3/ 4/
6 7 8 9 10			300 SERIES CORROSION RESISTANT STEEL 5/	N 7/	PASSIVATE
1/ RIVNUTS (OR EQUIVALENT) SHALL BE ALUMINUM ALLOY IN ACCORDANCE WITH AS85049, BLACK ANODIZED IN ACCORDANCE WITH AS85049. 2/ STEEL NUTS FOR -3, -4, AND -5 SHALL BE MS21083804 AND MS21083N04 TYPE. 3/ CLASS F FINISH IS NOT FOR SPACE FLIGHT USE. 4/ CADMIUM PLATED SCREWS AND NUTS SHALL BE IN ACCORDANCE WITH AS85049. 5/ CORROSION RESISTANT NUTS FOR -3, -4, AND -5 AND -8, -9, AND -10 SHALL BE MS21083C04 TYPE. 6/ BRASS NUTS FOR -8, -9, AND -10 SHALL BE MS21083B04 AND MS21083N04 TYPE. 7/ CLASS N FINISH IS NOT FOR NAVY USE. AIR FORCE ONLY USE CLASS N FINISH FOR SPACE APPLICATION.					