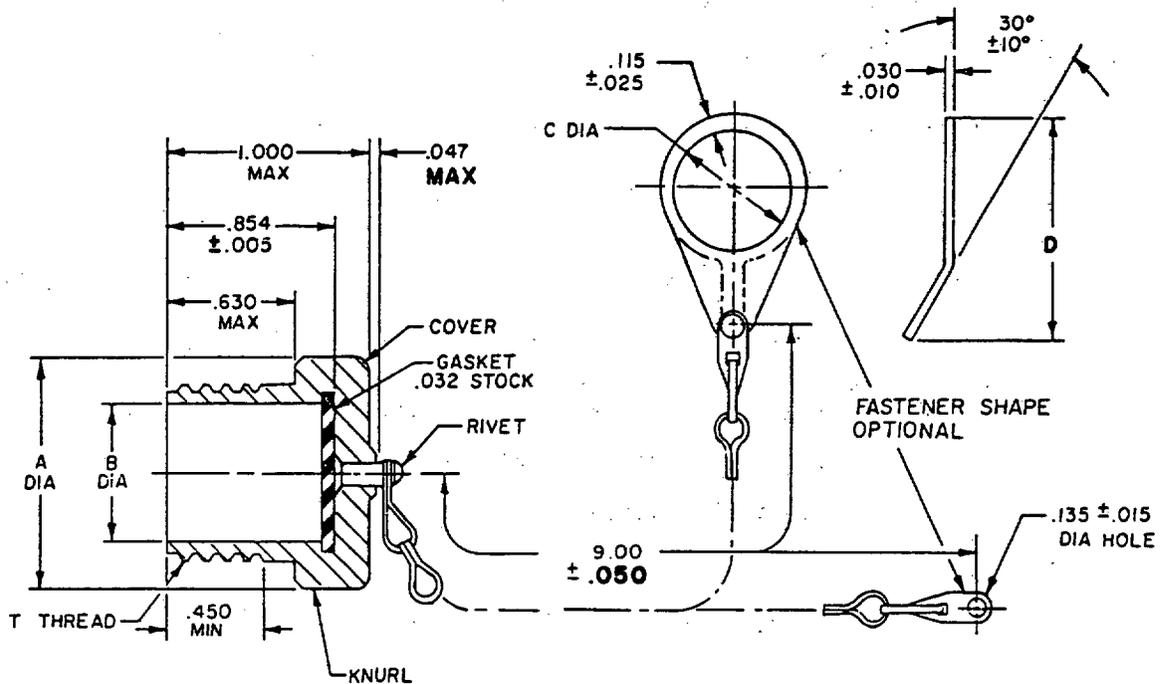


MILITARY SPECIFICATION SHEET

CONNECTORS, FIBER OPTIC, CIRCULAR, PLUG STYLE,  
 MULTIPLE REMOVABLE TERMINI, DUST COVER, SCREW THREADS,  
 ENVIRONMENT RESISTING

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring fiber optic connectors described herein shall consist of this specification and the latest issue of MIL-C-28876.



Shell size	T Thread class 2A	A dia max		B dia		C dia		D max	
		Inches	mm	Inches	mm	Inches	mm	Inches	mm
11	.750-IP-.2L-D.S.	1.028	26.21	.581	14.75	.775	19.68	1.650	41.91
				.569	14.45	.755	19.17		
13	.875-IP-.2L-D.S.	1.141	28.98	.705	17.90	.900	22.86	1.800	45.72
				.693	17.60	.880	22.35		
15	1.062-IP-.2L-D.S.	1.263	32.08	.877	22.27	1.025	26.03	1.950	49.53
				.865	21.97	1.005	25.52		

.005	0.13
.010	0.25
.015	0.38
.025	0.64
.030	0.76
.032	0.81
.047	1.19
.050	1.27
.115	2.92
.135	3.43
.450	11.43
.630	16.00
.854	21.69
1.000	25.40
9.000	228.60

NOTES:

1. Dimensions are in inches.
2. Dimensions apply after plating.
3. Metric equivalents are given for general information only.

FIGURE 1. Plug dust cover.

**REQUIREMENTS:**

Dimensions and configuration: See figure 1.

Mass: 2.5 ounces maximum.

**Material:**

Ring: Stainless steel, passivated, .030 maximum thickness.

Cover: Impact extruded or machined aluminum alloy.

Disk: Silicone elastomer or silicone rubber per ZZ-R-765.

Chain: Stainless steel, passivated, conforming to RR-C-271, type II, class 3.

Wire rope: Insulated, coated, braided steel wire.

Fastener: Stainless steel, passivated.

**Finish:**

Aluminum components: Cadmium plate, olive drab over electroless nickel.

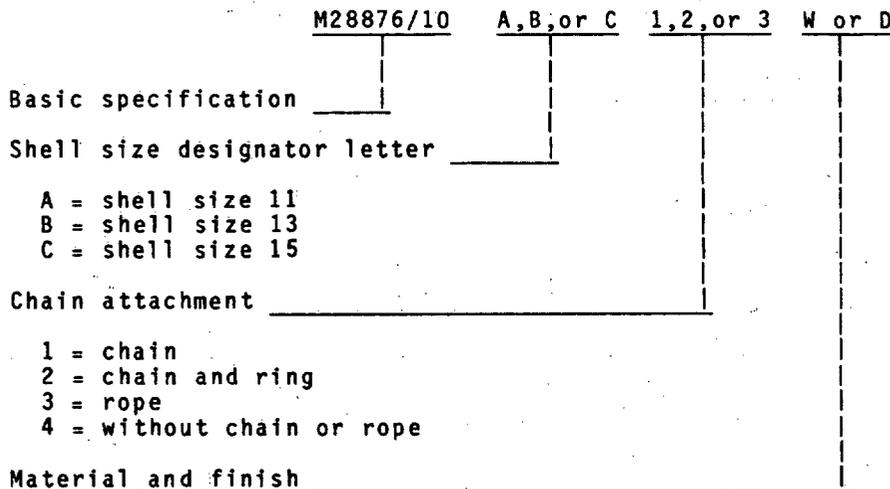
Stainless steel components, class 316: Cadmium plate, black.

Stainless steel components, class 302 through 304: Chain and fastener attachments to be cadmium plate, per QQ-P-416, type 1, class 3.

Chain or wire rope shall be free to rotate on rivet.

Gasket shall be mechanically captive to the cover.

**Part number:**



- A = shell size 11
- B = shell size 13
- C = shell size 15

- 1 = chain
- 2 = chain and ring
- 3 = rope
- 4 = without chain or rope

- W - Aluminum with cadmium plate, olive drab over electroless nickel.
- D - Stainless steel with cadmium plate, black.

Part number example: M228876/10-A1W.

Patent notice: The Government does not have a royalty-free license under the following patents for the benefit of manufacturers of the item, either for the Government or for use in equipment to be delivered to the Government:

<u>Patent application number</u>	<u>Patent number</u>
US (65,032)	US 4,330,965
US (260,660)	
US (376,866)	
US (403,446)	

Revision letters are not used to denote changes due to the extensiveness of the changes.

Custodians:

Army - CR  
Navy - EC  
Air Force - 85

Review activities:

Army - MI  
Navy - AS, MC, SH  
Air Force - 11, 17, 19, 80, 90, 99  
NASA - NA  
DLA - ES

User activities:

Navy - OS, YD  
Air Force - 13, 14

Preparing activity:  
Navy - EC

Agent:  
DLA - ES

(Project 6060-0076-1)