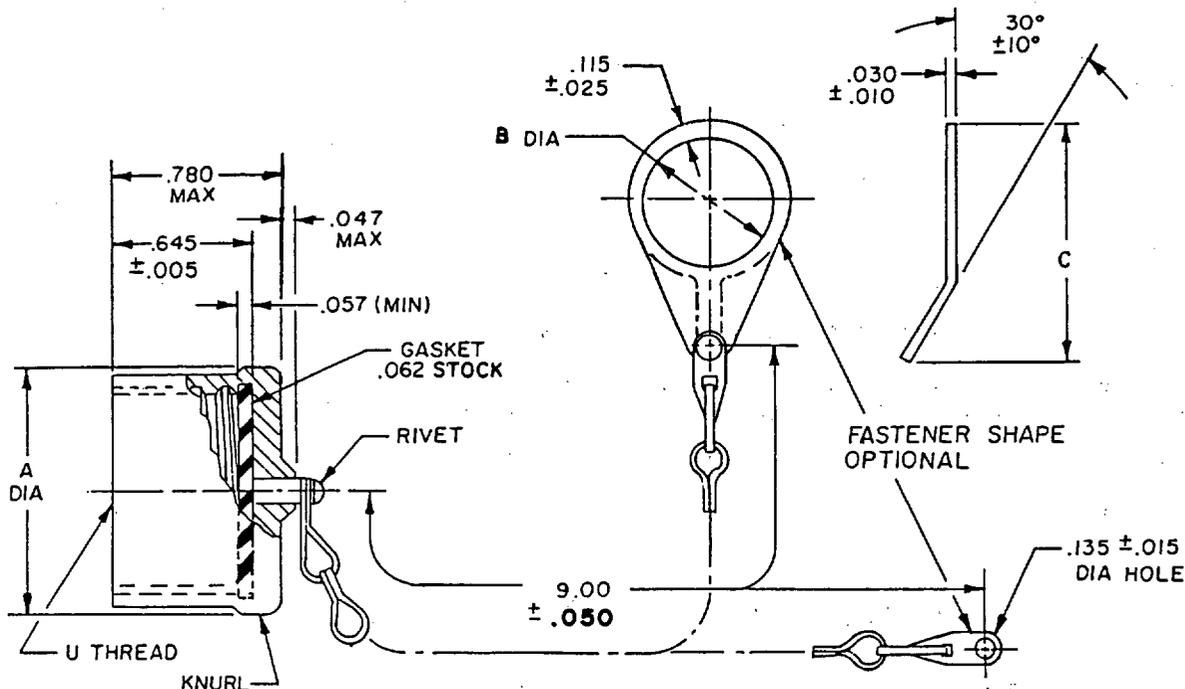


MILITARY SPECIFICATION SHEET

CONNECTORS, FIBER OPTIC, CIRCULAR, RECEPTACLE
 STYLE, MULTIPLE REMOVABLE TERMINI, DUST
 COVER, 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.



Inches	mm
.005	0.13
.010	0.25
.015	0.38
.025	0.64
.030	0.76
.050	1.27
.057	1.45
.062	1.57
.115	2.92
.135	3.43
.645	16.38
.780	19.81
1.000	25.40
9.000	228.60

Shell size	U Thread class 2B	A dia max		B dia		C max	
		Inches	mm	Inches	mm	Inches	mm
11	.750-IP-.2L-D.S.	1.028	26.21	.900 .880	22.86 22.35	1.800	45.72
13	.875-IP-.2L-D.S.	1.141	28.98	1.025 1.005	26.03 25.52	1.950	49.53
15	1.062-IP-.2L-D.S.	1.263	32.08	1.213 1.193	30.81 30.30	2.050	52.07

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

FIGURE 1. Receptacle 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.

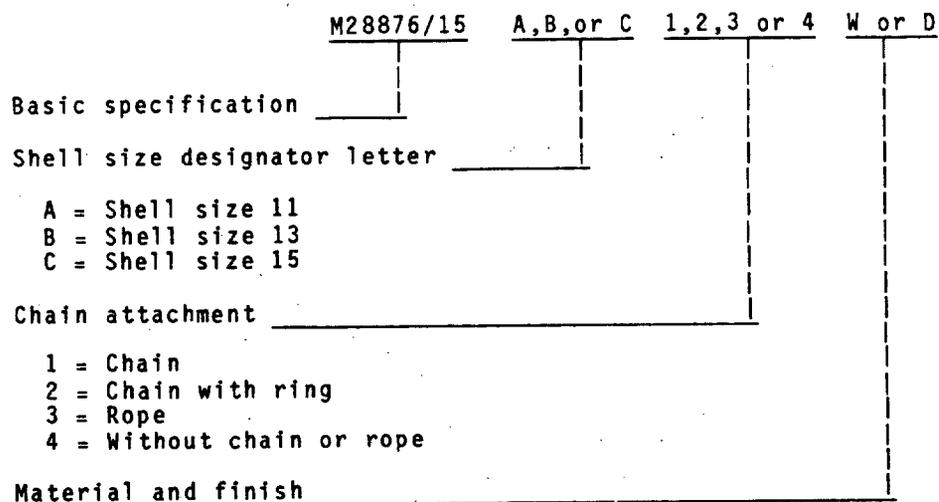
Stainless steel components, class 316: Cadmium plate, black.

Stainless steel components, class 302 through class 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 with 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.

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

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