INCH-POUND

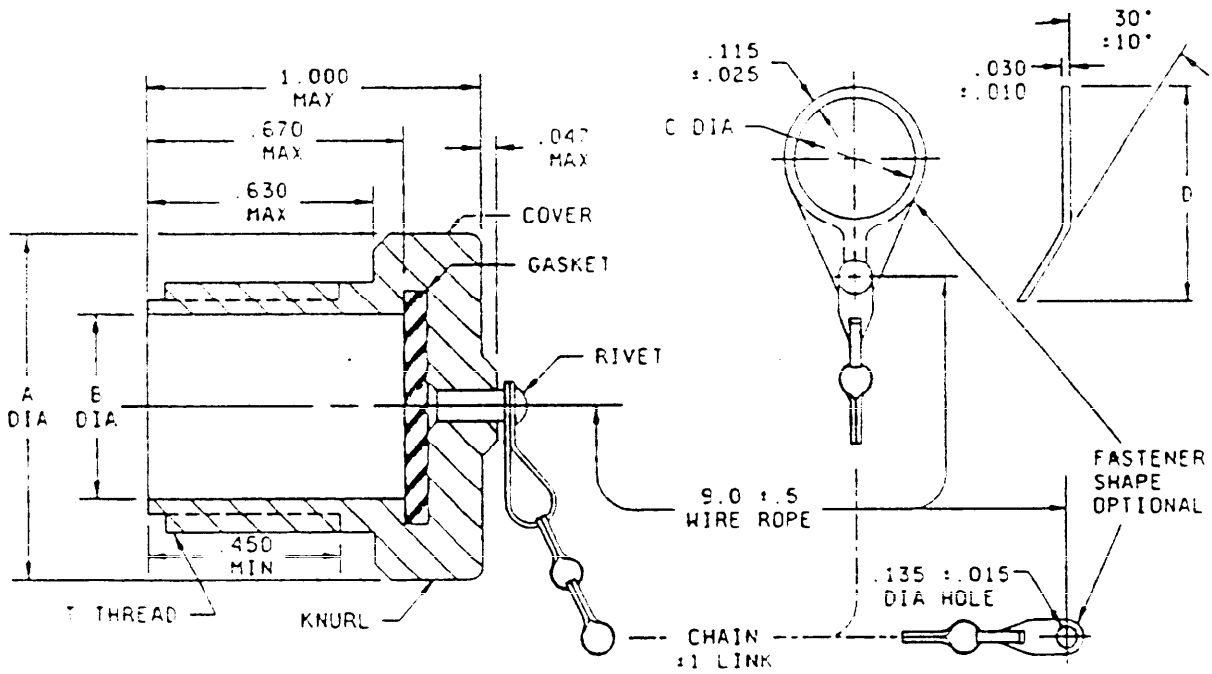
MIL-C-28876/10E
SUPERSEDING
4 May 1995
MIL-C-28876/10D
9 July 1992

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 the product described herein shall consist of this specification sheet and the issue of the following specification listed in that issue of the Department of Defense Index of Specifications and Standards (DODISS) specified in the solicitation: MIL-C-28876.



Inches	mm	Inches	mm
.010	0.25	.135	3.43
.015	0.38	.450	11.43
.025	0.64	.500	12.70
.030	0.76	.630	16.00
.047	1.19	.670	17.02
.115	2.92	1.000	25.40

FIGURE 1. Plug dust cover.

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Shell size	T thread class 2A	A dia max		B dia		C dia		D max	
		Inches	mm	Inches	mm	Inches	mm	Inches	mm
11	.750-1P-.2L-D.S	1.028	26.11	.581 .569	14.75 14.45	.775 .755	19.68 19.17	1.650	41.91
13	.875-1P-.2L-D.S	1.141	28.98	.705 .693	17.90 17.60	.900 .880	22.86 22.35	1.800	45.72
15	1.062-1P-.2L-D.S	1.263	32.08	.877 .865	22.27 21.97	1.025 1.005	26.03 25.52	1.950	49.53
23	1.500-1P-.2L-D.S	1.703	43.26	1.299 1.287	32.99 32.69	1.463 1.443	37.16 36.66	2.483	63.07

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 - Continued.

REQUIREMENTS:

Temperature: Range 1 (-54°C to +65°C operating, -62°C to +71°C storage).

Dimensions and configuration: See figure 1.

Weight: 2.5 ounces maximum.

Material:

Ring: Stainless steel, passivated, .030 inch (0.76 mm) maximum thickness.

Cover: Impact extruded or machined aluminum alloy.

Disk: Silicone elastomer or silicone rubber in accordance with ZZ-R-765 or fluorosilicone in accordance with MIL-R-25988, type I, class 1.

Chain: Stainless steel, passivated, in accordance with RR-C-271, type II, class 3.

Wire rope: Insulated, coated, braided steel wire.

Fastener: Stainless steel, passivated.

Finish:

Aluminum cover: Cadmium plate olive drab over electroless nickel.

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

Stainless steel components, class 302 through 304.

Chain: Cadmium plate, in accordance with QQ-P-416, type 1, class 3.

Fastener attachments: Passivated in accordance with QQ-P-35.

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

Gasket shall be mechanically captive to the cover.

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Part or Identifying Number (PIN):

	M28876/10	A, B, C, or D	A, B, C, D, or E	W or D
Basic specification				
Shell size designator letter				
Chain attachment				
Material and finish				

A = Shell size 11
B = Shell size 13
C = Shell size 15
D = Shell size 23

A = Chain with fastener
B = Chain with ring
C = Rope with fastener
D = Rope with ring
E = Without chain or rope

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

PIN example: M22887/10-AAW

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

CONCLUDING MATERIAL

Custodians:
Army - CR
Navy - SH
Air Force - 85
NASA - NA

Review activities:
Army - MI
Navy - AS, MC, OS, YD
Air Force - 13, 14, 17, 19, 80, 90, 99
DLA - ES

Preparing activity:
Navy - SH

Agent:
DLA - ES

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