

**MIL-C-38999  
Series III**



| SHELL SIZE DIMENSIONS |                      |                     |              |              |
|-----------------------|----------------------|---------------------|--------------|--------------|
| Shell Size            | Shell Size Code Ref. | E Thread            | F Max        | G Max        |
| 09                    | A                    | .6250-0.1P-0.3L-TS  | .906 (23.0)  | .906 (23.0)  |
| 11                    | B                    | .7500-0.1P-0.3L-TS  | 1.024 (26.0) | 1.102 (28.0) |
| 13                    | C                    | .8750-0.1P-0.3L-TS  | 1.220 (31.0) | 1.220 (31.0) |
| 15                    | D                    | 1.0000-0.1P-0.3L-TS | 1.300 (33.0) | 1.260 (32.0) |
| 17                    | E                    | 1.1875-0.1P-0.3L-TS | 1.457 (37.0) | 1.457 (37.0) |
| 19                    | F                    | 1.2500-0.1P-0.3L-TS | 1.575 (40.0) | 1.535 (39.0) |
| 21                    | G                    | 1.3750-0.1P-0.3L-TS | 1.732 (44.0) | 1.654 (42.0) |
| 23                    | H                    | 1.5000-0.1P-0.3L-TS | 1.811 (46.0) | 1.772 (45.0) |
| 25                    | J                    | 1.6250-0.1P-0.3L-TS | 1.969 (50.0) | 1.929 (49.0) |

Metric dimensions (mm) are indicated in parentheses.

| TABLE II: FINISHES |   |
|--------------------|---|
| Symbol             | Finish  |
| B                  | Cadmium Plate, Olive Drab                           |
| C                  | Anodize, Black                                      |
| GB                 | Black Anodize, Hard Coat                            |
| M                  | Electroless Nickel                                  |
| N                  | Cad Plate, Olive Drab over Electroless Nickel       |
| NF                 | Cadmium Plate, Olive Drab over Electroless Nickel   |
| MT                 | Ni-PTFE 1000 Hour Grey™ Nickel Fluorocarbon Polymer |
| Z1                 | Stainless Steel Passivate                           |
| ZN                 | Zinc-Nickel   |

H

**660-023 (Plug) - 660-024 (Receptacle)**  
**Protective Covers**  
**MIL-C-38999 Series III Threaded**



**TABLE III: ATTACHMENTS**

| Sym | Attachment Type                              |
|-----|--|
| D   | Bead Chain, Cres, Passivate                  |
| F   | Wire Rope, Nylon Jacket                      |
| G   | Nylon Rope                                   |
| H   | Wire Rope, Fluoropolymer Jacket              |
| N   | No Attachment                                |
| R   | Wire Rope, PVC Jacket                        |
| S   | #8 Sash Chain, Cres, Passivate               |
| T   | Wire Rope, No Jacket                         |
| U   | Wire Rope, Polyurethane Jacket with Terminal |

**TABLE IV: EYELET**

| Dash No. | K Dia<br>±.010 (0.3) |
|----------|----------------------|
| 01       | .140 (3.6)           |
| 02       | .182 (4.6)           |
| 03       | .191 (4.9)           |
| 04       | .197 (5.0)           |
| 05       | .167 (4.2)           |
| 06       | .125 (3.2)           |
| 07       | .218 (5.5)           |
| 09       | .156 (4.0)           |
| 00       | No Eyelet            |

**TABLE V: STYLE C RING DIA.**

| Dash No. | N Dia<br>±.015 (0.4) | Dash No. | N Dia<br>±.015 (0.4) |
|----------|----------------------|----------|----------------------|
| 50       | .425 (10.8)          | 74       | 1.625 (41.3)         |
| 52       | .485 (12.3)          | 76       | 1.750 (44.5)         |
| 54       | .640 (16.3)          | 78       | 1.875 (47.6)         |
| 56       | .750 (19.1)          | 80       | 1.980 (50.3)         |
| 58       | .890 (22.6)          | 82       | 2.060 (52.3)         |
| 60       | 1.015 (25.8)         | 84       | 2.235 (56.8)         |
| 62       | 1.095 (27.8)         | 86       | 2.310 (58.7)         |
| 64       | 1.130 (28.7)         | 88       | 2.475 (62.9)         |
| 66       | 1.250 (31.8)         | 90       | 2.655 (67.4)         |
| 68       | 1.350 (34.3)         | 92       | 2.810 (71.4)         |
| 70       | 1.390 (35.3)         | 94       | 3.045 (77.3)         |
| 72       | 1.485 (37.7)         |          |                      |

**TABLE VI: STYLE B RING DIA.**

| Dash No. | N Dia<br>±.015 (0.4) | Dash No. | N Dia<br>±.015 (0.4) |
|----------|----------------------|----------|----------------------|
| 08       | .468 (11.9)          | 24       | 1.484 (37.7)         |
| 10       | .593 (15.1)          | 25       | 1.577 (40.1)         |
| 12       | .718 (18.2)          | 27       | 1.640 (41.7)         |
| 13       | .765 (19.4)          | 28       | 1.687 (42.8)         |
| 14       | .844 (21.4)          | 29       | 1.765 (44.8)         |
| 15       | .890 (22.6)          | 30       | 1.890 (48.0)         |
| 16       | .968 (24.6)          | 31       | 1.953 (49.6)         |
| 17       | 1.015 (25.8)         | 32       | 1.968 (50.0)         |
| 18       | 1.093 (27.8)         | 33       | 2.077 (52.8)         |
| 19       | 1.140 (29.0)         | 35       | 2.140 (54.4)         |
| 20       | 1.203 (30.6)         | 36       | 2.187 (55.5)         |
| 21       | 1.265 (32.1)         | 40       | 2.406 (61.1)         |
| 22       | 1.343 (34.1)         | 44       | 2.656 (67.5)         |
| 23       | 1.453 (36.9)         | 48       | 3.031 (77.0)         |
|          |                      | 118      | .310 (7.9)           |

**TABLE VII: STYLE A RING DIA.**

| Dash No. | N Dia<br>±.015 (0.4) | Dash No. | N Dia<br>±.015 (0.4) |
|----------|----------------------|----------|----------------------|
| 095      | .312 (7.9)           | 109      | 1.266 (32.2)         |
| 100      | .391 (9.9)           | 209      | 1.312 (33.3)         |
| 101      | .516 (13.1)          | 110      | 1.391 (35.3)         |
| 102      | .583 (14.8)          | 210      | 1.438 (36.5)         |
| 103      | .641 (16.3)          | 111      | 1.521 (38.6)         |
| 104      | .708 (18.0)          | 211      | 1.536 (39.0)         |
| 105      | .766 (19.5)          | 112      | 1.641 (41.7)         |
| 205      | .788 (20.0)          | 113      | 1.766 (44.9)         |
| 106      | .896 (22.2)          | 213      | 1.812 (46.0)         |
| 206      | .907 (23.0)          | 114      | 1.891 (48.0)         |
| 107      | 1.016 (25.8)         | 214      | 1.938 (49.2)         |
| 207      | 1.025 (26.0)         | 115      | 2.078 (52.8)         |
| 108      | 1.141 (29.0)         | 116      | 2.406 (61.1)         |
| 308      | 1.188 (30.2)         | 117      | 2.510 (63.8)         |
| 208      | 1.203 (30.6)         |          |                      |

