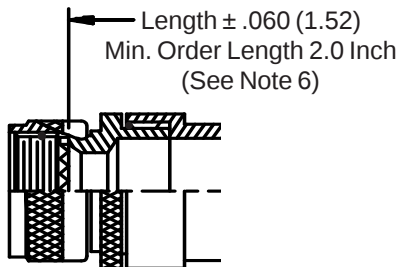
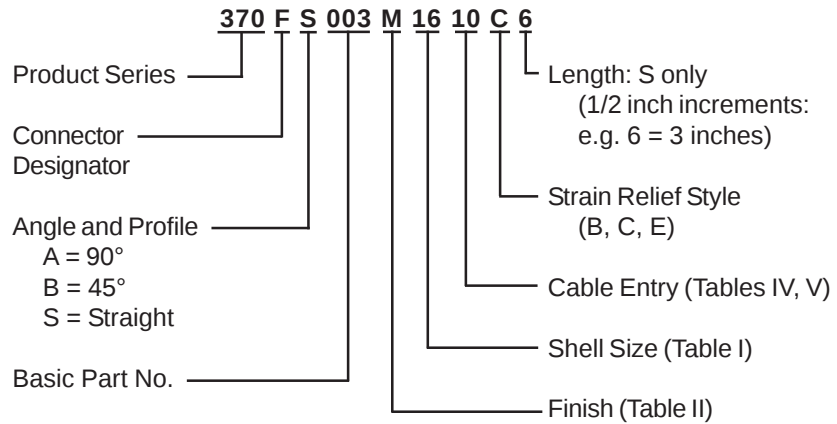
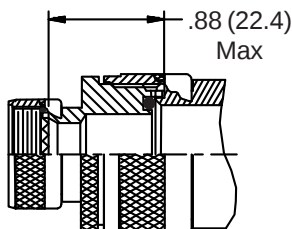


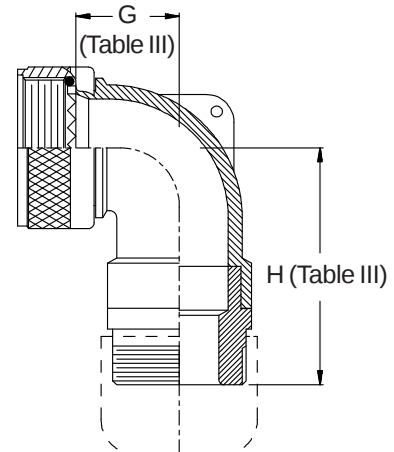
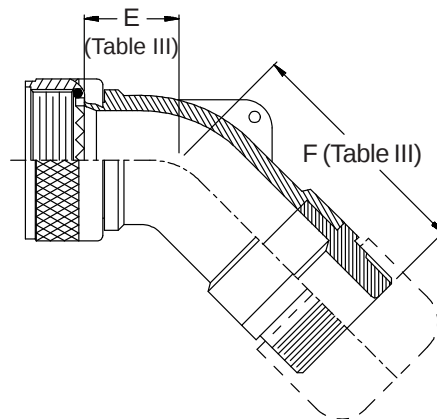
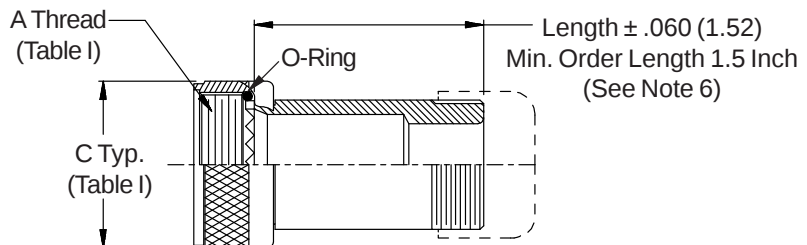
## CONNECTOR DESIGNATORS A-F-H-L-S ROTATABLE COUPLING



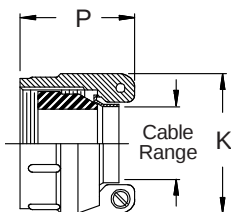
**STYLE 2**  
(STRAIGHT  
See Note 1)



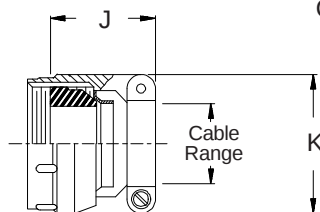
**STYLE 2**  
(45° & 90°  
See Note 1)



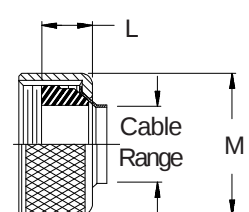
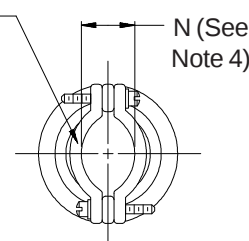
**STYLE B**  
(Table IV)



**STYLE C**  
Medium Duty  
(Table IV)



**STYLE E**  
Medium Duty  
(Table V)



**370-003**  
**Water-Tight Cable Sealing Backshell**  
 with Strain Relief  
 Low Profile - Rotatable Coupling



See inside back cover fold-out or pages 13 and 14 for unabridged Tables I and II.

| TABLE IV: CABLE ENTRY |       |        |       |        |       |        |             |        |       |        |
|-----------------------|-------|--------|-------|--------|-------|--------|-------------|--------|-------|--------|
| Dash No.              | J     |        | K     |        | N     |        | Cable Range |        | P     |        |
|                       | Max   |        | Max   |        | Ref   |        | Min         | Max    | Max   |        |
| 03                    | 1.219 | (31.0) | .812  | (20.6) | .135  | (3.4)  | .156        | (4.0)  | .219  | (5.6)  |
| 04                    | 1.219 | (31.0) | .937  | (23.8) | .203  | (5.2)  | .188        | (4.8)  | .312  | (7.9)  |
| 06                    | 1.219 | (31.0) | 1.062 | (27.0) | .285  | (7.2)  | .281        | (7.1)  | .438  | (11.1) |
| 08                    | 1.219 | (31.0) | 1.188 | (30.2) | .350  | (8.9)  | .312        | (7.9)  | .531  | (13.5) |
| 10                    | 1.281 | (32.5) | 1.312 | (33.3) | .390  | (9.9)  | .375        | (9.5)  | .625  | (15.9) |
| 12                    | 1.281 | (32.5) | 1.562 | (39.7) | .460  | (11.7) | .500        | (12.7) | .750  | (19.1) |
| 16                    | 1.406 | (35.7) | 1.750 | (44.5) | .510  | (13.0) | .625        | (15.9) | .938  | (23.8) |
| 20                    | 1.656 | (42.1) | 2.250 | (57.2) | .695  | (17.7) | .938        | (23.8) | 1.250 | (31.8) |
| 24                    | 1.906 | (48.4) | 2.375 | (60.3) | .715  | (18.2) | 1.000       | (25.4) | 1.375 | (34.9) |
| 28                    | 1.906 | (48.4) | 2.625 | (66.7) | .915  | (23.2) | 1.250       | (31.8) | 1.625 | (41.3) |
| 32                    | 2.000 | (50.8) | 2.812 | (71.4) | 1.070 | (27.2) | 1.500       | (38.1) | 1.875 | (47.6) |

| TABLE III: ELBOW DIMENSIONS |    |       |        |       |        |       |        |       |        |  |
|-----------------------------|----|-------|--------|-------|--------|-------|--------|-------|--------|--|
| Shell Size                  |    | E     |        | F     |        | G     |        | H     |        |  |
| Conn. Desig.                | H  | Max   |        | Max   |        | Max   |        | Max   |        |  |
| A-F-L-S                     |    |       |        |       |        |       |        |       |        |  |
| 08                          | 09 | .457  | (11.6) | 1.810 | (46.0) | .500  | (12.7) | 1.820 | (46.2) |  |
| 10                          | 11 | .520  | (13.2) | 1.869 | (47.5) | .595  | (15.1) | 1.940 | (49.3) |  |
| 12                          | 13 | .582  | (14.8) | 1.929 | (49.0) | .610  | (15.5) | 1.960 | (49.8) |  |
| 14                          | 15 | .645  | (16.4) | 2.359 | (59.9) | .700  | (17.8) | 2.369 | (60.2) |  |
| 16                          | 17 | .738  | (18.7) | 2.469 | (62.7) | .885  | (22.5) | 2.459 | (62.5) |  |
| 18                          | 19 | .926  | (23.5) | 2.659 | (67.5) | .975  | (24.8) | 2.629 | (66.8) |  |
| 20                          | 21 | .926  | (23.5) | 2.659 | (67.5) | .975  | (24.8) | 2.629 | (66.8) |  |
| 22                          | 23 | 1.020 | (25.9) | 2.872 | (72.9) | 1.125 | (28.6) | 2.802 | (71.2) |  |
| 24                          | 25 | 1.020 | (25.9) | 2.872 | (72.9) | 1.125 | (28.6) | 2.802 | (71.2) |  |
| 28                          |    | 1.145 | (29.1) | 2.905 | (73.8) | 1.225 | (31.1) | 2.955 | (75.1) |  |
| 32                          |    | 1.207 | (30.7) | 3.005 | (76.3) | 1.575 | (40.0) | 3.205 | (81.4) |  |
| 36                          |    | 1.238 | (31.4) | 3.315 | (84.2) | 1.775 | (45.1) | 3.255 | (82.7) |  |

**TABLE II: STANDARD FINISHES**

| GLENAIR                                             |                                                   |
|-----------------------------------------------------|---------------------------------------------------|
| SYMBOL                                              | FINISH                                            |
| B                                                   | Cadmium Plate, Olive Drab                         |
| C                                                   | Anodize, Black                                    |
| G                                                   | Hard Coat, Anodic                                 |
| M                                                   | Electroless Nickel                                |
| NF                                                  | Cadmium Plate, Olive Drab Over Electroless Nickel |
| See Inside Back Cover for Additional Finish Options |                                                   |

1. When maximum cable entry (page 21) is exceeded, Style 2 will be supplied. Dimensions E, F, G and H will not apply. Please consult factory.
2. Metric dimensions (mm) are indicated in parentheses.
3. Cable range is defined as the accommodations range for the wire bundle or cable. Dimensions shown are not intended for inspection criteria.
4. Saddles are bottomed on Clamp Ears.
5. Interface O-Ring not supplied with Connector Designator A.
6. Consult factory for shorter lengths on straight backshells.

| TABLE V: CABLE ENTRY |              |              |              |       |        |
|----------------------|--------------|--------------|--------------|-------|--------|
| Dash                 | L            | M            | Cable Range  |       |        |
| No.                  | Max          | Max          | Min          | Max   |        |
| 03                   | .739 (18.8)  | .812 (20.6)  | .156 (4.0)   | .219  | (5.6)  |
| 04                   | .739 (18.8)  | .937 (23.8)  | .188 (4.8)   | .312  | (7.9)  |
| 06                   | .739 (18.8)  | 1.062 (27.0) | .281 (7.1)   | .438  | (11.1) |
| 08                   | .739 (18.8)  | 1.188 (30.2) | .312 (7.9)   | .531  | (13.5) |
| 10                   | .791 (20.1)  | 1.312 (33.3) | .375 (9.5)   | .625  | (15.9) |
| 12                   | .880 (22.4)  | 1.562 (39.7) | .500 (12.7)  | .750  | (19.1) |
| 16                   | .901 (22.9)  | 1.750 (44.5) | .625 (15.9)  | .938  | (23.8) |
| 20                   | 1.031 (26.2) | 2.250 (57.2) | .938 (23.8)  | 1.250 | (31.8) |
| 24                   | 1.250 (31.8) | 2.375 (60.3) | 1.000 (25.4) | 1.375 | (34.9) |
| 28                   | 1.250 (31.8) | 2.625 (66.7) | 1.250 (31.8) | 1.625 | (41.3) |
| 32                   | 1.312 (33.3) | 2.812 (71.4) | 1.500 (38.1) | 1.875 | (47.6) |