

# 360-003

## Non-Environmental Backshell

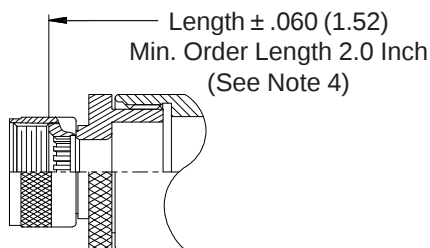
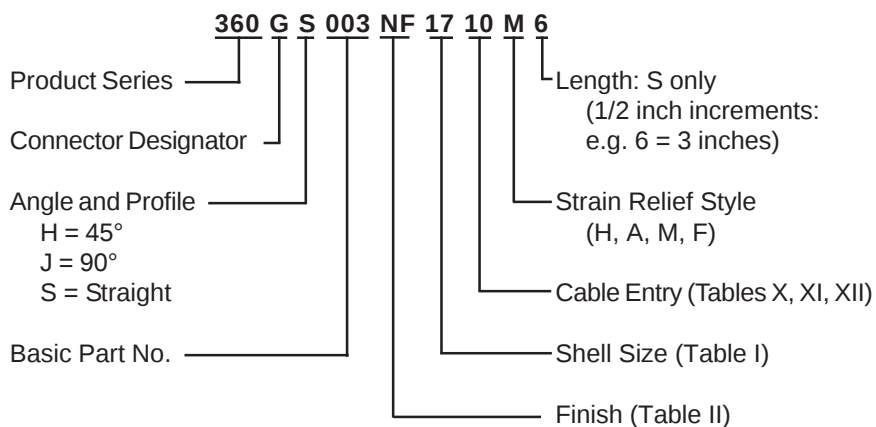
### with Strain Relief

### Standard Profile - Rotatable Coupling

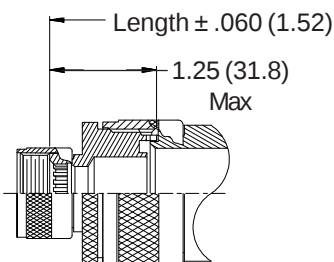
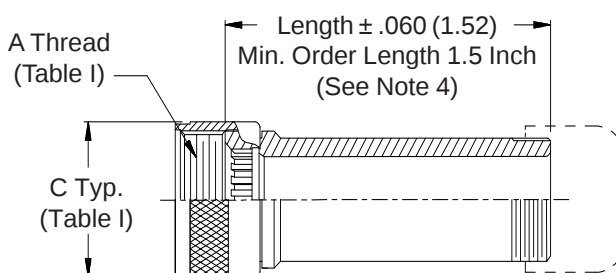
#### CONNECTOR DESIGNATOR

**G**

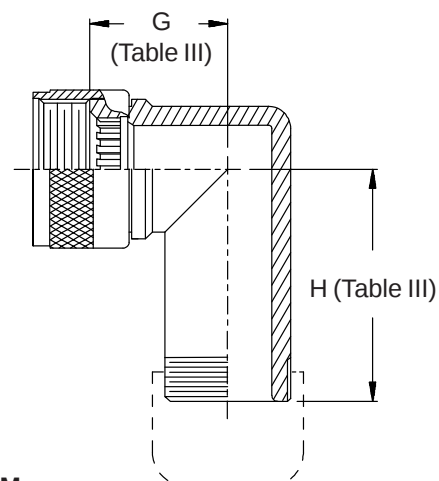
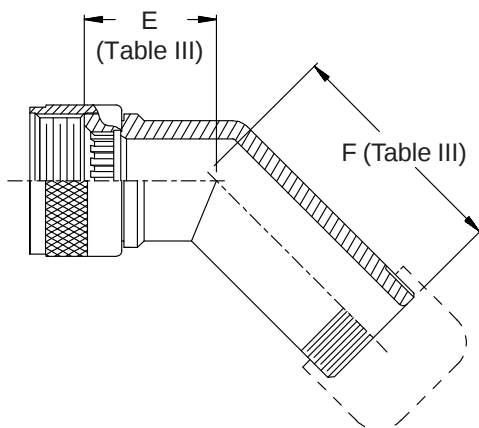
#### ROTATABLE COUPLING



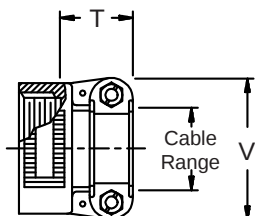
**STYLE 2**  
(STRAIGHT  
See Note 1)



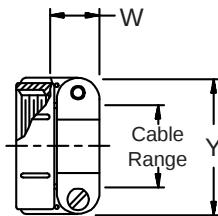
**STYLE 2**  
(45° & 90°  
See Note 1)



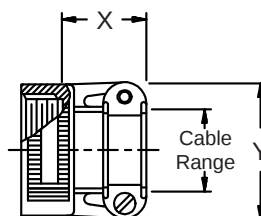
**STYLE H**  
Heavy Duty  
(Table X)



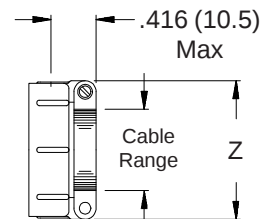
**STYLE A**  
Medium Duty  
(Table XI)



**STYLE M**  
Medium Duty  
(Table XI)



**STYLE F**  
Light Duty  
(Table XII)



**360-003**  
**Non-Environmental Backshell**  
 with Strain Relief  
 Standard Profile - Rotatable Coupling



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

**TABLE III: DIMENSIONS**

| Shell Size | E<br>Max     | F<br>Max     | G<br>Max     | H<br>Max     |
|------------|--------------|--------------|--------------|--------------|
| 11         | 1.240 (31.5) | .920 (23.4)  | 1.380 (35.1) | 1.060 (26.9) |
| 13         | 1.260 (32.0) | .940 (23.9)  | 1.440 (36.6) | 1.120 (28.4) |
| 15         | 1.290 (32.8) | .970 (24.6)  | 1.500 (38.1) | 1.190 (30.2) |
| 17         | 1.310 (33.3) | .990 (25.1)  | 1.570 (39.9) | 1.250 (31.8) |
| 19         | 1.340 (34.0) | 1.020 (25.9) | 1.630 (41.4) | 1.330 (33.8) |
| 23         | 1.380 (35.1) | 1.060 (26.9) | 1.730 (43.9) | 1.410 (35.8) |
| 25         | 1.410 (35.8) | 1.090 (27.7) | 1.800 (45.7) | 1.480 (37.6) |
| 29         | 1.580 (40.1) | 1.260 (32.0) | 2.040 (51.8) | 1.720 (43.7) |
| 33         | 1.620 (41.1) | 1.300 (33.0) | 2.130 (54.1) | 1.810 (46.0) |

**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

**TABLE X: CABLE ENTRY**

| Dash No. | T<br>Max     | V<br>Max     | Cable Range  |              |
|----------|--------------|--------------|--------------|--------------|
|          |              |              | Min          | Max          |
| 04       | .780 (19.8)  | .957 (24.3)  | .125 (3.2)   | .312 (7.9)   |
| 06       | .780 (19.8)  | 1.145 (29.1) | .250 (6.4)   | .437 (11.1)  |
| 08       | .780 (19.8)  | 1.332 (33.8) | .312 (7.9)   | .562 (14.3)  |
| 10       | .780 (19.8)  | 1.332 (33.8) | .350 (8.9)   | .625 (15.9)  |
| 12       | .811 (20.6)  | 1.551 (39.4) | .500 (12.7)  | .750 (19.1)  |
| 16       | .905 (23.0)  | 1.770 (45.0) | .625 (15.9)  | .937 (23.8)  |
| 20       | 1.092 (27.7) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) |
| 24       | 1.124 (28.5) | 2.363 (60.0) | 1.000 (25.4) | 1.375 (34.9) |
| 28       | 1.399 (35.5) | 2.770 (70.4) | 1.250 (31.8) | 1.625 (41.3) |
| 32       | 1.399 (35.5) | 3.020 (76.7) | 1.437 (36.5) | 1.875 (47.6) |

**TABLE XII: CABLE ENTRY**

| Dash No. | Z<br>Max     | Cable Range  |              |
|----------|--------------|--------------|--------------|
|          |              | Min          | Max          |
| 02       | .968 (24.6)  | .125 (3.2)   | .250 (6.4)   |
| 03       | 1.046 (26.6) | .250 (6.4)   | .375 (9.5)   |
| 04       | 1.156 (29.4) | .312 (7.9)   | .500 (12.7)  |
| 05       | 1.218 (30.9) | .437 (11.1)  | .625 (15.9)  |
| 06       | 1.343 (34.1) | .562 (14.3)  | .750 (19.1)  |
| 07       | 1.468 (37.3) | .687 (17.4)  | .875 (22.2)  |
| 08       | 1.593 (40.5) | .812 (20.6)  | 1.000 (25.4) |
| 10       | 1.843 (46.8) | 1.062 (27.0) | 1.250 (31.8) |

**-445**

Now Available  
with the "NESTOR"

Add "-445" to Specify  
Glenair's Non-Detent,  
Spring-Loaded, Self-  
Locking Coupling. See  
Page 41 for Details.

**TABLE XI: CABLE ENTRY**

| Dash No. | W<br>Max     | X<br>Max     | Y<br>Max     | Cable Range  |              |
|----------|--------------|--------------|--------------|--------------|--------------|
|          |              |              |              | Min          | Max          |
| 03*      | .437 (11.1)  | .760 (19.3)  | .843 (21.4)  | .156 (4.0)   | .250 (6.4)   |
| 04*      | .437 (11.1)  | .760 (19.3)  | .906 (23.0)  | .188 (4.8)   | .312 (7.9)   |
| 06*      | .500 (12.7)  | .760 (19.3)  | 1.093 (27.8) | .281 (7.1)   | .438 (11.1)  |
| 08       | .563 (14.3)  | .760 (19.3)  | 1.187 (30.1) | .344 (8.7)   | .562 (14.3)  |
| 10       | .563 (14.3)  | .760 (19.3)  | 1.281 (32.5) | .375 (9.5)   | .625 (15.9)  |
| 12       | .563 (14.3)  | .760 (19.3)  | 1.500 (38.1) | .438 (11.1)  | .750 (19.1)  |
| 16       | .656 (16.7)  | 1.073 (27.3) | 1.719 (43.7) | .562 (14.3)  | .938 (23.8)  |
| 20       | .656 (16.7)  | 1.323 (33.6) | 2.062 (52.4) | .750 (19.1)  | 1.250 (31.8) |
| 24       | .656 (16.7)  | 1.323 (33.6) | 2.312 (58.7) | .781 (19.8)  | 1.375 (34.9) |
| 28       | 1.188 (30.2) | 1.572 (39.9) | 2.719 (69.1) | .969 (24.6)  | 1.625 (41.3) |
| 32*      | 1.187 (30.1) | 1.572 (39.9) | 2.969 (75.4) | 1.125 (28.6) | 1.875 (47.6) |
| 40*      | 1.125 (28.6) | 1.572 (39.9) | 3.531 (89.7) | 1.469 (37.3) | 2.375 (60.3) |

\* Not available in Style M clamp.

1. When maximum cable entry (pages 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. Consult factory for shorter lengths on straight backshells.