

## 360-001 Non-Environmental Backshell with Strain Relief Low Profile - Rotatable Coupling

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



Length  $\pm .060$  (1.52)  
Min. Order Length 2.0 Inch  
(See Note 4)



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



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

**-445**

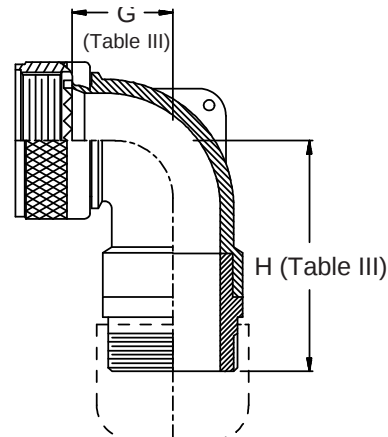
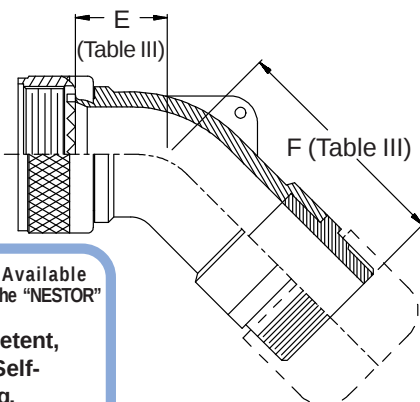
Now Available  
with the "NESTOR"

Glenair's Non-Detent,  
Spring-Loaded, Self-  
Locking Coupling.  
Add "-445" to Specify  
This AS85049 Style "N"  
Coupling Interface.

A Thread  
(Table I)

C Typ.  
(Table I)

Length  $\pm .060$  (1.52)  
Min. Order Length 1.5 Inch  
(See Note 4)



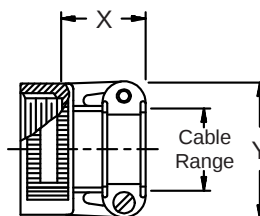
**STYLE H**  
Heavy Duty  
(Table X)



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



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



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



**360-001**  
**Non-Environmental Backshell**  
 with Strain Relief  
 Low Profile - Rotatable Coupling



**TABLE III: DIMENSIONS**

| Shell Size<br>Conn. Desig.<br>A-F-L-S H |    | E<br>Max     | F<br>Max     | G<br>Max     | H<br>Max     |
|-----------------------------------------|----|--------------|--------------|--------------|--------------|
| 08                                      | 09 | .457 (11.6)  | 1.622 (41.2) | .500 (12.7)  | 1.632 (41.5) |
| 10                                      | 11 | .520 (13.2)  | 1.682 (42.7) | .595 (15.1)  | 1.752 (44.5) |
| 12                                      | 13 | .582 (14.8)  | 1.742 (44.2) | .610 (15.5)  | 1.772 (45.0) |
| 14                                      | 15 | .645 (16.4)  | 2.062 (52.4) | .700 (17.8)  | 2.072 (52.6) |
| 16                                      | 17 | .738 (18.7)  | 2.172 (55.2) | .885 (22.5)  | 2.162 (54.9) |
| 18                                      | 19 | .926 (23.5)  | 2.362 (60.0) | .975 (24.8)  | 2.332 (59.2) |
| 20                                      | 21 | .926 (23.5)  | 2.362 (60.0) | .975 (24.8)  | 2.332 (59.2) |
| 22                                      | 23 | 1.020 (25.9) | 2.512 (63.8) | 1.125 (28.6) | 2.442 (62.0) |
| 24                                      | 25 | 1.020 (25.9) | 2.512 (63.8) | 1.125 (28.6) | 2.442 (62.0) |
| 28                                      |    | 1.145 (29.1) | 2.562 (65.1) | 1.225 (31.1) | 2.612 (66.3) |
| 32                                      |    | 1.207 (30.7) | 2.662 (67.6) | 1.575 (40.0) | 2.862 (72.7) |
| 36                                      |    | 1.238 (31.4) | 2.752 (69.9) | 1.775 (45.1) | 2.862 (72.7) |

**TABLE II: STANDARD FINISHES**

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

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

**TABLE X: CABLE ENTRY**

| Dash<br>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<br>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) |

**TABLE XI: CABLE ENTRY**

| Dash<br>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 (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. Consult factory for shorter lengths on straight backshells.