# 380-007
# EMI/RFI Non-Environmental Backshell
## Light-Duty with Strain Relief
## Type C - Rotatable Coupling - Low Profile

**CONNECTOR DESIGNATORS**

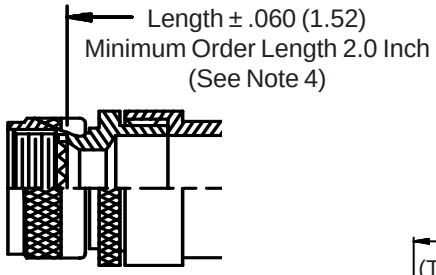
**A-F-H-L-S**

**ROTATABLE COUPLING**

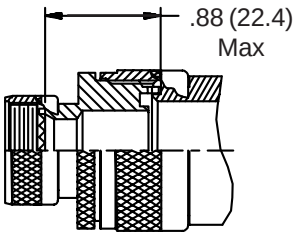
**TYPE C OVERALL SHIELD TERMINATION**

**380 F S 007 M 16 05 L 6**

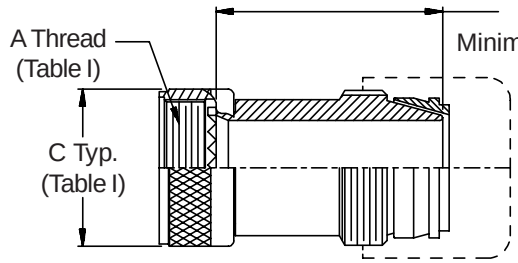
- Product Series
- Connector Designator
- Angle and Profile
  - A = 90°
  - B = 45°
  - S = Straight
- Basic Part No.
- Finish (Table II)
- Shell Size (Table I)
- Cable Entry (Tables IV, V)
- Strain Relief Style (L, G)
- Length: S only (1/2 inch increments: e.g. 6 = 3 inches)

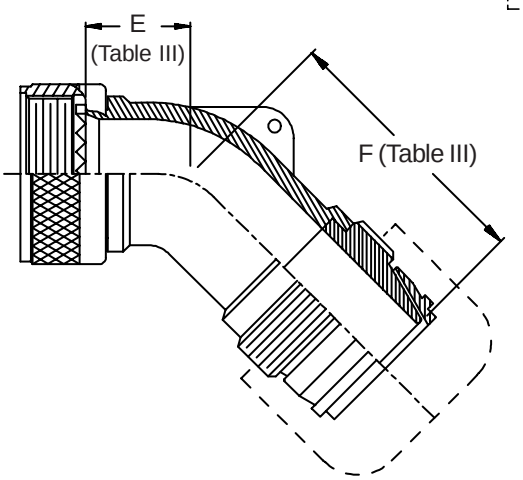


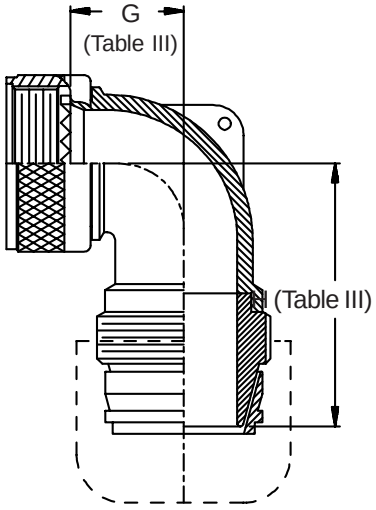

**STYLE 2 (STRAIGHT See Note 1)**




**STYLE 2 (45° & 90° See Note 1)**



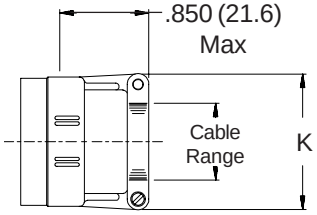




**-445** Now Available with the "NESTOR"

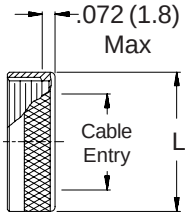
**Glenair's Non-Detent, Spring-Loaded, Self-Locking Coupling.**

**Add "-445" to Specify This AS85049 Style "N" Coupling Interface.**

**STYLE L**
Light Duty
(Table IV)




**STYLE G**
Light Duty
(Table V)




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# 380-007
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See inside back cover fold-out or pages 13 and 14 for unabridged Tables I and II.

### TABLE III: ELBOW DIMENSIONS

| Shell Size Conn. Desig. A-F-L-S | H | E Max | | F Max | | G Max | | H Max | |
|---|---|---|---|---|---|---|---|---|---|
| 08 | 09 | .457 | (11.6) | 1.680 | (42.7) | .500 | (12.7) | 1.781 | (45.2) |
| 10 | 11 | .520 | (13.2) | 1.740 | (44.2) | .595 | (15.1) | 1.901 | (48.3) |
| 12 | 13 | .582 | (14.8) | 1.800 | (45.7) | .610 | (15.5) | 1.921 | (48.8) |
| 14 | 15 | .645 | (16.4) | 1.890 | (48.0) | .700 | (17.8) | 1.991 | (50.6) |
| 16 | 17 | .738 | (18.7) | 2.000 | (50.8) | .885 | (22.5) | 2.081 | (52.9) |
| 18 | 19 | .926 | (23.5) | 2.190 | (55.6) | .975 | (24.8) | 2.251 | (57.2) |
| 20 | 21 | .926 | (23.5) | 2.190 | (55.6) | .975 | (24.8) | 2.251 | (57.2) |
| 22 | 23 | 1.020 | (25.9) | 2.340 | (59.4) | 1.125 | (28.6) | 2.361 | (60.0) |
| 24 | 25 | 1.020 | (25.9) | 2.340 | (59.4) | 1.125 | (28.6) | 2.361 | (60.0) |
| 28 | | 1.145 | (29.1) | 2.390 | (60.7) | 1.225 | (31.1) | 2.531 | (64.3) |
| 36 | | 1.207 | (30.7) | 2.490 | (63.2) | 1.575 | (40.0) | 2.781 | (70.6) |
| 40 | | 1.238 | (31.4) | 2.580 | (65.5) | 1.775 | (45.1) | 2.781 | (70.6) |

### TABLE II: STANDARD FINISHES

| GLENAIR SYMBOL | FINISH |
|---|---|
| B | Cadmium Plate, Olive Drab |
| M | Electroless Nickel |
| NF | Cadmium Plate, Olive Drab Over Electroless Nickel |

See Inside Back Cover for Additional Finish Options

### TABLE IV: CABLE ENTRY

| Dash No. | K Max | | Cable Range Min | | Cable Range Max | |
|---|---|---|---|---|---|---|
| 01 | .781 | (19.8) | .062 | (1.6) | .125 | (3.2) |
| 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) | .250 | (6.4) | .500 | (12.7) |
| 05 | 1.218 | (30.9) | .375 | (9.5) | .625 | (15.9) |
| 06 | 1.343 | (34.1) | .500 | (12.7) | .750 | (19.1) |
| 07 | 1.468 | (37.3) | .625 | (15.9) | .875 | (22.2) |
| 08 | 1.593 | (40.5) | .625 | (15.9) | 1.000 | (25.4) |
| 09 | 1.718 | (43.6) | .750 | (19.1) | 1.125 | (28.6) |
| 10 | 1.843 | (46.8) | .875 | (22.2) | 1.250 | (31.8) |

### TABLE V: CABLE ENTRY

| Dash No. | L Max | | Cable Entry Max | |
|---|---|---|---|---|
| 01 | .593 | (15.1) | .125 | (3.2) |
| 02 | .718 | (18.2) | .250 | (6.4) |
| 03 | .843 | (21.4) | .375 | (9.5) |
| 04 | .968 | (24.6) | .500 | (12.7) |
| 05 | 1.109 | (28.2) | .625 | (15.9) |
| 06 | 1.218 | (30.9) | .750 | (19.1) |
| 07 | 1.343 | (34.1) | .875 | (22.2) |
| 08 | 1.468 | (37.3) | 1.000 | (25.4) |
| 09 | 1.593 | (40.5) | 1.125 | (28.6) |
| 10 | 1.718 | (43.6) | 1.250 | (31.8) |

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.

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