

# CONNECTOR ACCESSORIES

## Split-Back Backshells



440H\*241

Composite Thermoplastic, Swept-Profile 90° with Wire Organizer Grommet



| HOW TO ORDER         |                                                          |   |   |     |    |    |     |
|----------------------|----------------------------------------------------------|---|---|-----|----|----|-----|
| Sample Part Number   | 440                                                      | H | E | 241 | XM | 25 | -32 |
| Basic Part Number    | 440                                                      |   |   |     |    |    |     |
| Connector Designator | H = MIL-DTL-38999 SER. III and IV                        |   |   |     |    |    |     |
| Angular Function     | E = 90°<br>S = Straight<br>(See 440HF241 for 45° Option) |   |   |     |    |    |     |
| Basic Number         | 241                                                      |   |   |     |    |    |     |
| Finish Symbol        | See Table II                                             |   |   |     |    |    |     |
| Shell Size           | See Table I                                              |   |   |     |    |    |     |
| Insert Arrangement   | See Table I<br>(Omit for Grommet Not Required)           |   |   |     |    |    |     |

### NOTES

- Assembly identified with manufacturer's name and P/N, space permitting.
- For effective grounding, connector with conductive finish should be used.
- Glenair 600 series backshell assembly tools are recommended for assembly and installation.

| TABLE II |                                      |                                            |                            |
|----------|--------------------------------------|--------------------------------------------|----------------------------|
| Sym      | Material                             | Finish Description                         | Component                  |
| XM       | High Grade Engineering Thermoplastic | Electroless Nickel                         | Elbow and Cover            |
|          |                                      | No Plating, Black                          | Coupling Nut               |
| XW       | High Grade Engineering Thermoplastic | Cadmium Olive Drab Over Electroless Nickel | Elbow and Cover            |
|          |                                      | No Plating, Black                          | Coupling Nut               |
| XB       | High Grade Engineering Thermoplastic | No Plating, Black                          | Elbow, Cover, Coupling Nut |
| XO       | High Grade Engineering Thermoplastic | No Plating, Natural                        | Elbow, Cover, Coupling Nut |

### MATERIAL/FINISH:

- Elbow, adapter, cover, and coupling ring: see Table II
- Anti-decoupling device: high grade engineering
- Thermoplastic/N.A.
- Grommet: flourosilicone/N.A.

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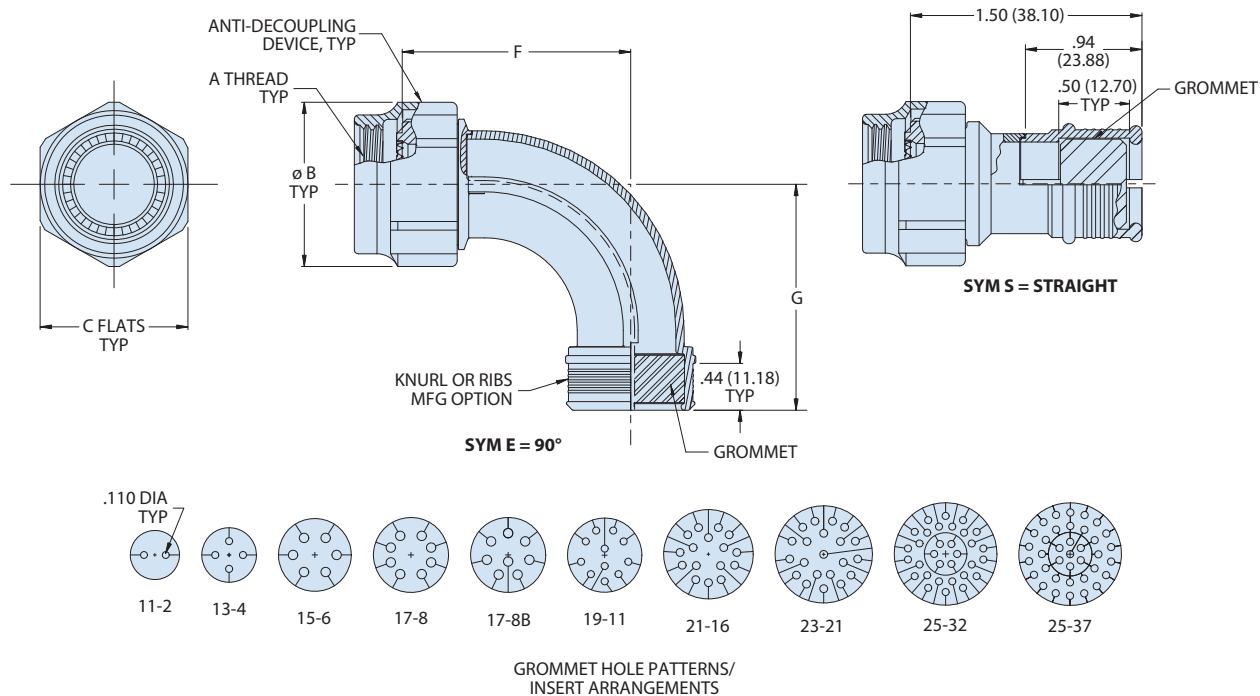
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TABLE I



| Shell Size & Insert Arrangement | A Thread Iso Metric | Ø B Max       | C Flats       |               | F Max        | G Max        |
|---------------------------------|---------------------|---------------|---------------|---------------|--------------|--------------|
|                                 |                     |               | Max           | Min           |              |              |
| 11-2                            | M15 X 1.0 - 6H      | .938 (23.83)  | .875 (22.23)  | .860 (21.84)  | 1.76 (44.70) | 1.96 (49.78) |
| 13-4                            | M18 X 1.0 - 6H      | 1.125 (28.58) | 1.000 (25.40) | .980 (24.89)  | 1.82 (46.23) | 2.02 (51.31) |
| 15-6                            | M22 X 1.0 - 6H      | 1.250 (31.75) | 1.125 (28.58) | 1.100 (27.94) | 1.88 (47.75) | 2.08 (52.83) |
| 17-8                            | M25 X 1.0 - 6H      | 1.375 (34.93) | 1.250 (31.75) | 1.224 (31.09) | 1.93 (49.02) | 2.14 (54.36) |
| 17-8B                           | M25 X 1.0 - 6H      | 1.375 (34.93) | 1.250 (31.75) | 1.224 (31.09) | 1.93 (49.02) | 2.14 (54.36) |
| 19-11                           | M28 X 1.0 - 6H      | 1.500 (38.10) | 1.375 (34.93) | 1.348 (34.24) | 1.99 (50.55) | 2.19 (55.63) |
| 21-16                           | M31 X 1.0 - 6H      | 1.625 (41.28) | 1.500 (38.10) | 1.469 (37.31) | 2.00 (50.80) | 2.20 (55.88) |
| 23-21                           | M34 X 1.0 - 6H      | 1.770 (44.96) | 1.625 (41.28) | 1.581 (40.16) | 2.06 (52.32) | 2.21 (56.13) |
| 25-32                           | M37 X 1.0 - 6H      | 1.875 (47.63) | 1.750 (44.45) | 1.690 (42.93) | 2.08 (52.83) | 2.22 (56.39) |
| 25-37                           | M37 X 1.0 - 6H      | 1.875 (47.63) | 1.750 (44.45) | 1.690 (42.93) | 2.08 (52.83) | 2.22 (56.39) |