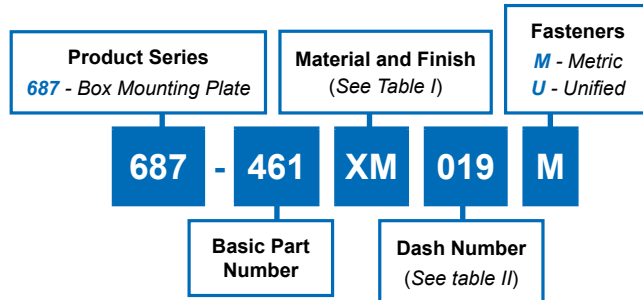


# 687-461 Hole Cap Assembly

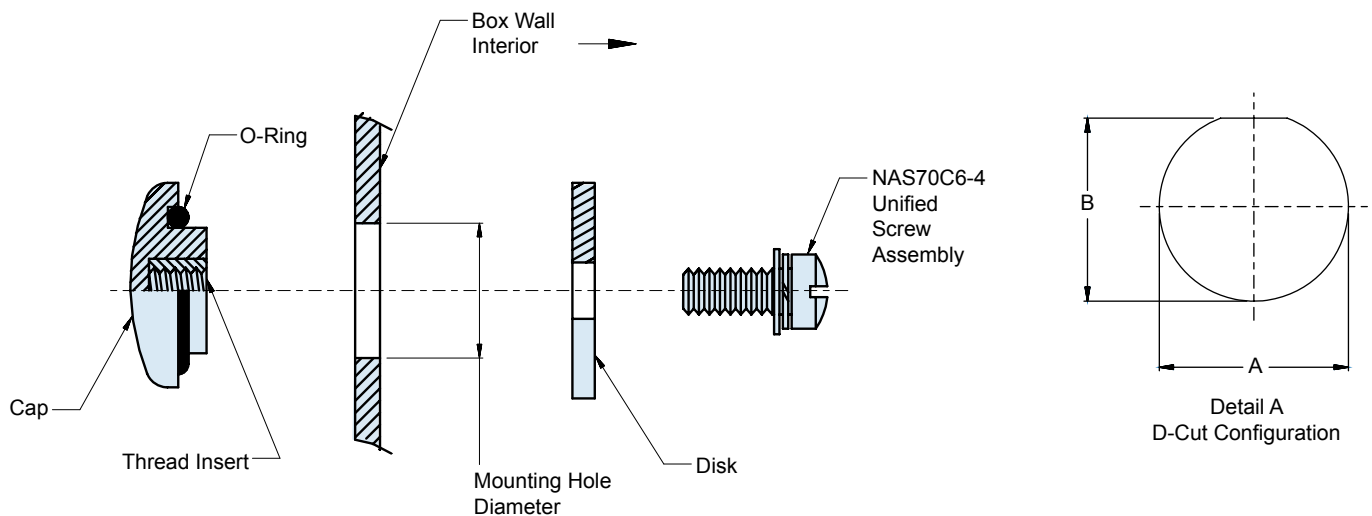


Composite  
Junction  
Boxes



**TABLE I**

| Dash Number | A Mounting Hole Dia. | D Dim. | Thread Size, Box Components, Ref. |       |
|-------------|----------------------|--------|-----------------------------------|-------|
| 016         | .646                 | N/A    | M16                               | 5/8   |
| 017         | .725                 | N/A    | M18                               |       |
| 018         | .765                 | N/A    |                                   | 3/4   |
| 019         | .802                 | N/A    | M20                               |       |
| 020         | .890                 | N/A    |                                   | 7/8   |
| 021         | .945                 | N/A    |                                   | 15/16 |
| 022         | 1.015                | N/A    |                                   | 1.0   |
| 023         | 1.077                | N/A    | M27                               |       |
| 027         | 1.328                | N/A    |                                   | 15/16 |
| 028         | 1.203                | N/A    | M30                               | 13/16 |
| 029         | 1.438                | N/A    | M36                               |       |
| 030         | .640                 | .595   | See Detail A                      |       |
| 031         | 1.000                | .968   | See Detail A                      |       |
| 032         | .755                 | .691   | See Detail A                      |       |



**TABLE III: MATERIALS AND FINISHES**

| Symbol | Material                                              | Finish Description                                    |
|--------|-------------------------------------------------------|-------------------------------------------------------|
| XO     | PEI<br>30% Glass<br>Filled Composite<br>Thermoplastic | No Plating – Color Light Grey (Non-Conductive Finish) |
| XB     |                                                       | No Plating – Color Black (Non-Conductive Finish)      |
| XM     |                                                       | Conductive – Electroless Nickel                       |
| XZN    |                                                       | Conductive – Zinc Nickel, Black                       |

**TABLE II: DASH NUMBER**

| Dash No. | Mounting Hole Dia. |
|----------|--------------------|
| 016      | .646 (16.4)        |
| 017      | .725 (18.4)        |
| 018      | .765 (19.4)        |
| 019      | .802 (20.4)        |
| 020      | .890 (22.6)        |
| 022      | 1.015 (25.8)       |
| 023      | 1.077 (27.4)       |
| 027      | 1.328 (33.7)       |
| 029      | 1.438 (36.5)       |

Metric Dimensions (mm) are in parentheses and are for reference only