

# SYSTEM ATTACHMENTS

## Harness Supports

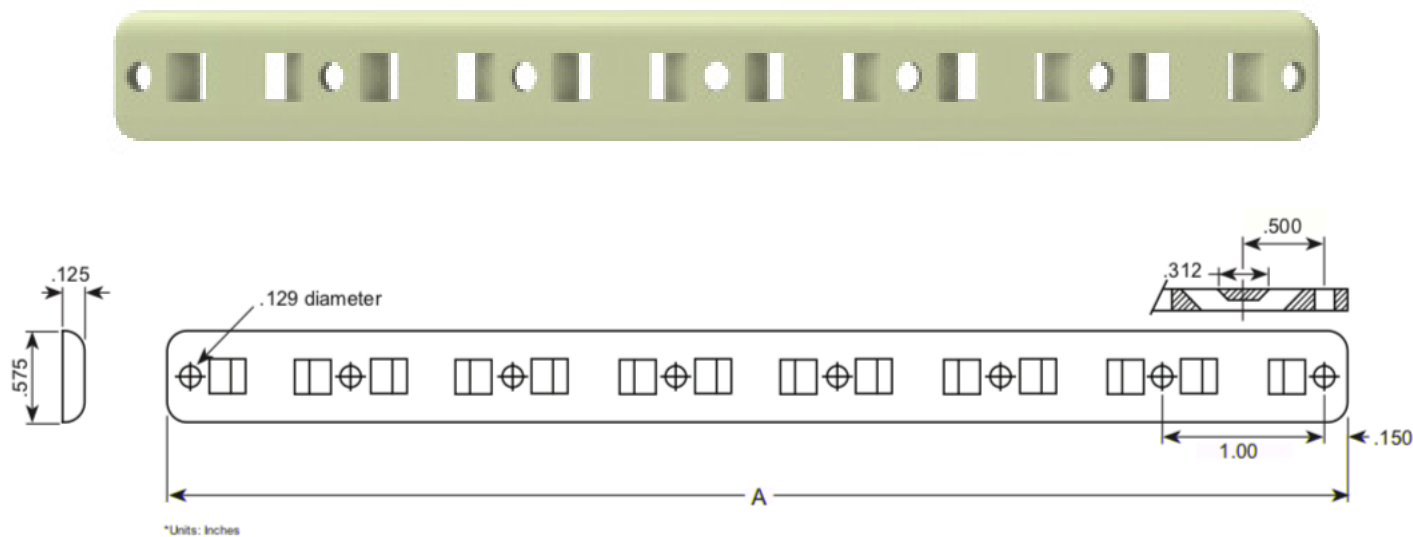
Designed to secure and guide wire bundles throughout an aircraft, Amphenol Pcd’s Harness Supports are designed for lean manufacturing and durability. Built in a one-piece, lightweight design with multiple fixing points, the high performance products are strong, durable and make wire bundle installation and maintenance easy. They are able to support large bundles and high stress requirements.

### Specifications

**Materials:**  
Nylon per ASTM-D-4066 PA0121  
Elastomer protection: Brown Silicon or Blue Fluorosilicone

**Temperature Limits:**  
Long-term exposure: 167°F (75°C)  
Short-term exposure: 248°F (120°C)

**Flammability:**  
FAR 25.853



| Part Number      | A Length |        | Maximum Weight |       | ① Fixing Points |
|------------------|----------|--------|----------------|-------|-----------------|
|                  | inch     | mm     | ounces         | grams |                 |
| ALBCBS 303 59-1  | 1.30     | 33.02  | 0.04           | 1.08  | 1               |
| ALBCBS 303 59-3  | 2.30     | 58.42  | 0.07           | 1.86  | 2               |
| ALBCBS 303 59-5  | 3.30     | 83.82  | 0.09           | 2.63  | 3               |
| ALBCBS 303 59-7  | 4.30     | 109.22 | 0.14           | 3.90  | 4               |
| ALBCBS 303 59-9  | 5.30     | 134.62 | 0.15           | 4.17  | 5               |
| ALBCBS 303 59-11 | 6.30     | 160.02 | 0.18           | 4.99  | 6               |
| ALBCBS 303 59-13 | 7.30     | 185.42 | 0.20           | 5.80  | 7               |
| ALBCBS 303 59-15 | 8.30     | 210.82 | 0.23           | 6.58  | 8               |
| ALBCBS 303 59-17 | 9.30     | 236.22 | 0.26           | 7.39  | 9               |
| ALBCBS 303 59-19 | 10.30    | 261.62 | 0.29           | 8.16  | 10              |
| ALBCBS 303 59-21 | 11.30    | 287.02 | 0.32           | 8.98  | 11              |
| ALBCBS 303 59-23 | 12.30    | 312.42 | 0.35           | 9.80  | 12              |

# Harness Supports

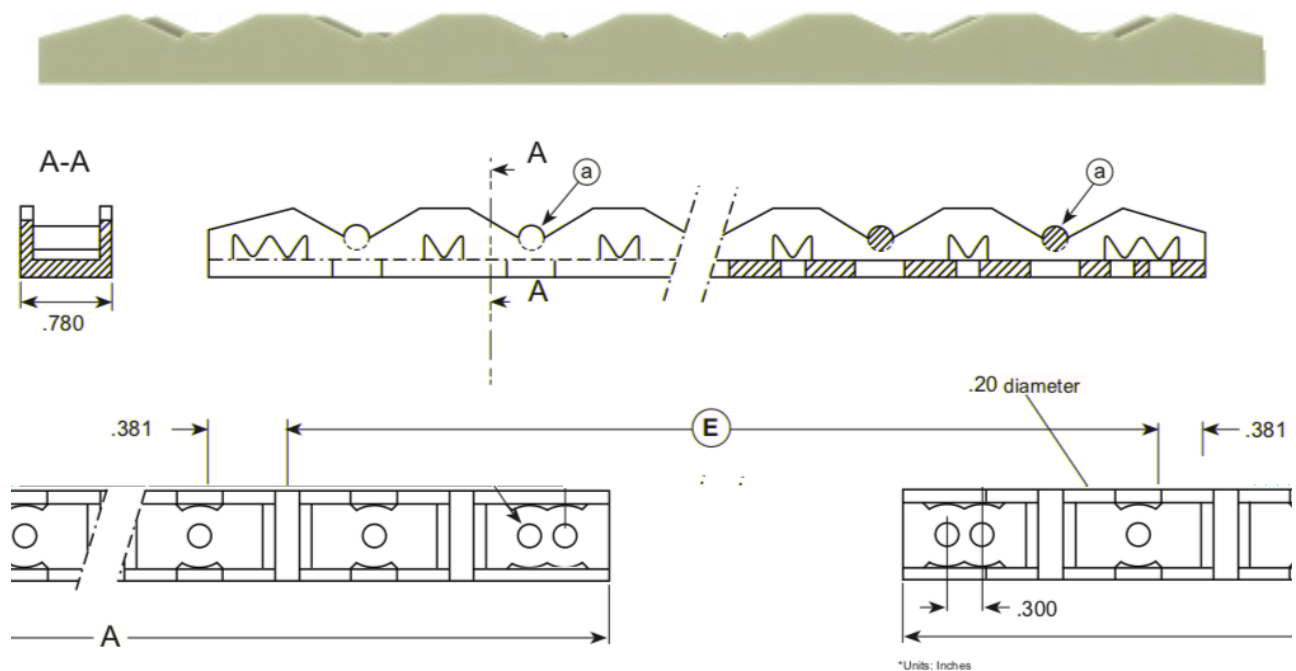
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Long-term exposure: 167°F (75°C)

**Flamability:**  
FAR 25.853



| Part Number      | A Length |        | E Fixing |         | Maximum Weight |       | ① Fixing Points |
|------------------|----------|--------|----------|---------|----------------|-------|-----------------|
|                  | inch     | mm     | inch     | mm      | ounces         | grams |                 |
| ALBCBS 020 59-11 | 13.05    | 331.47 | 11.59    | 294.386 | 2.56           | 72.6  | 8               |
| ALBCBS 020 59-13 | 11.55    | 293.37 | 10.09    | 256.286 | 2.24           | 63.5  | 7               |
| ALBCBS 020 59-15 | 10.05    | 255.27 | 8.59     | 218.186 | 1.92           | 54.4  | 6               |
| ALBCBS 020 59-17 | 8.55     | 217.17 | 7.09     | 180.086 | 1.60           | 45.4  | 5               |
| ALBCBS 020 59-19 | 7.05     | 179.07 | 5.59     | 141.986 | 1.28           | 36.3  | 4               |

# SYSTEM ATTACHMENTS

## Harness Supports

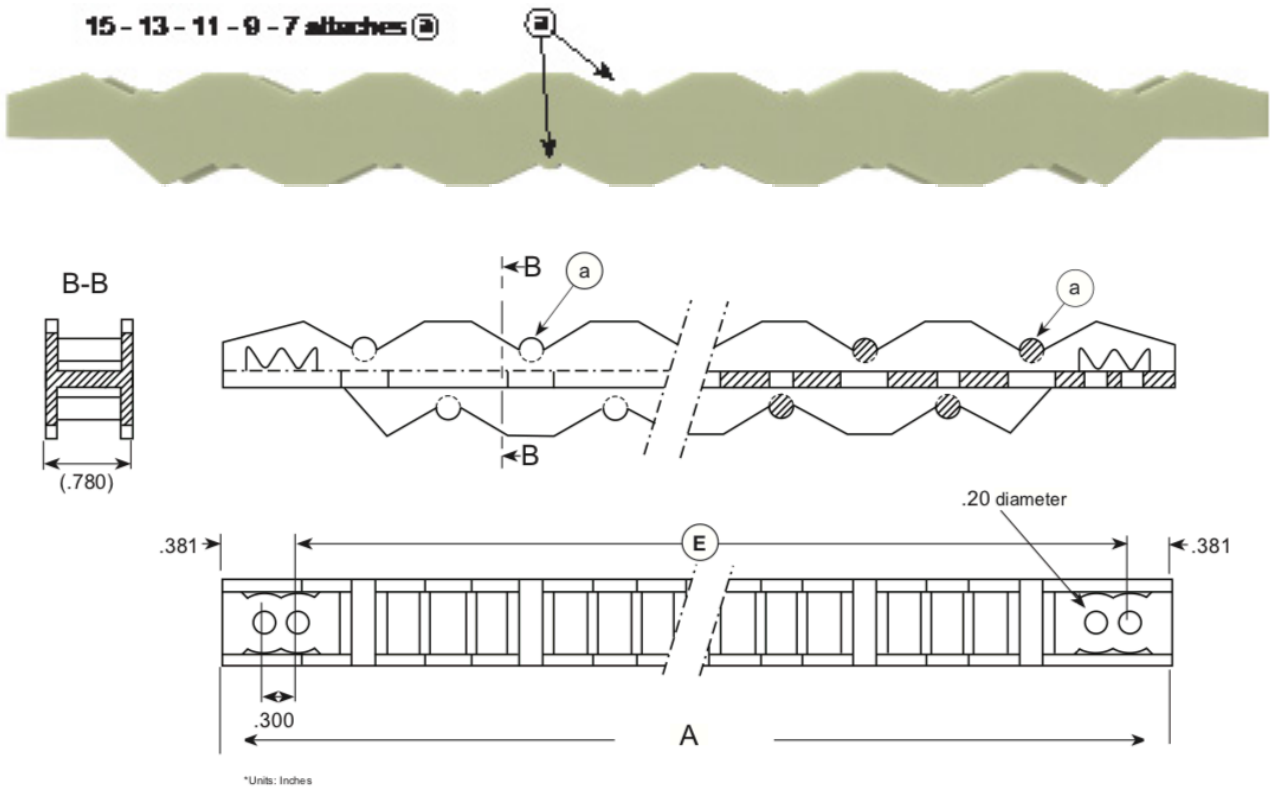
Designed to secure and guide wire bundles throughout an aircraft, Amphenol Pcd’s Harness Supports are designed for lean manufacturing and durability. Built in a one-piece, lightweight design with multiple fixing points, the high performance products are strong, durable and make wire bundle installation and maintenance easy. They are able to support large bundles and high stress requirements.

### Specifications

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Nylon per ASTM-D-4066 PA0121  
Elastomer protection: Brown Silicon or Blue Fluorosilicone

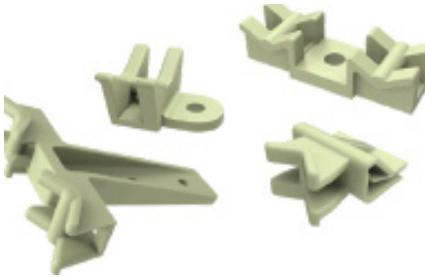
**Temperature Limits:**  
Long-term exposure: 167°F (75°C)

**Flamability:**  
FAR 25.853



| Part Number      | A Length |        | E Fixing |         | Maximum Weight |       | (a) Fixing Points |
|------------------|----------|--------|----------|---------|----------------|-------|-------------------|
|                  | inch     | mm     | inch     | mm      | ounces         | grams |                   |
| ALBCBS 030 59-21 | 13.05    | 331.47 | 11.59    | 294.386 | 2.08           | 59.0  | 15                |
| ALBCBS 030 59-23 | 11.55    | 293.37 | 10.09    | 256.286 | 1.76           | 49.9  | 13                |
| ALBCBS 030 59-25 | 10.05    | 255.27 | 8.59     | 218.186 | 1.60           | 45.4  | 11                |
| ALBCBS 030 59-27 | 8.55     | 217.17 | 7.09     | 180.086 | 1.28           | 36.3  | 9                 |
| ALBCBS 030 59-29 | 7.05     | 179.07 | 5.59     | 141.986 | 0.96           | 27.3  | 7                 |

## Cable Supports



Amphenol Pcd's Cable Supports are designed to fix to the aircraft's airframe, helping to secure and manage cable harnesses as they run throughout the aircraft body. They are offered in nylon and are designed for use in airframe, fuel tank, and engine applications. Available in various standard configurations and sizes, Amphenol Pcd also offers customized products to help meet specific customer requirements.

### Specifications

#### Materials:

Nylon per ASTM-D-4066 PA0121

Elastomer protection: Brown Silicon or Blue Fluorosilicone

#### Environment:

Operating temperature: -67°F to +275°F (-55°C to +135°C)

#### Flammability:

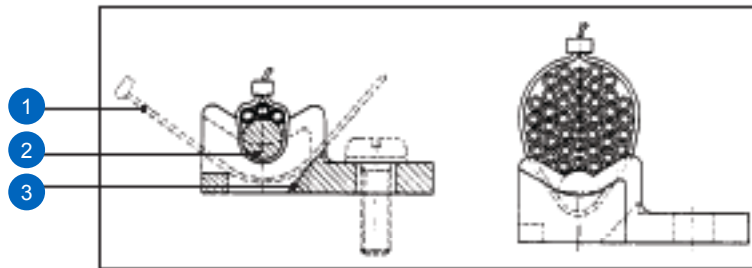
To meet FAR 25.853 AMTD 25-853 (a) and ADB0031

#### Fluid Resistance:

ASTM D 543, MIL-T-81533, TT-T-266, TT-M-261, ASTM D 1635, MIL-T-5624, MIL-T-83133



### Application



- 1 Cable tie
- 2 Cylindrical support: guides the cables, ensures optimal fixing
- 3 Ramp: to ease quick feed-in of cable tie

### User Warning

- Eliminates any dehydration agent in storage.
- If the piece regains its humidity, this may cause a coloration of the material.
- Surface coloration does not affect technical properties of the material.
- Wiring accessories conform to ROHS and REACH requirements.

# SYSTEM ATTACHMENTS

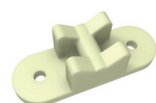
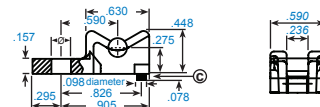
## Cable Supports

### Straight Supports

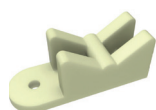
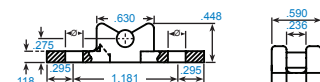
#### Single



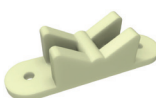
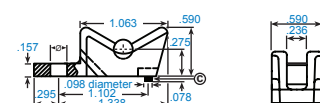
| Ø Wiring<br>(Min -Max ) | Part Number<br>Without Block | Part Number<br>With Block | Weight<br>(g.) | Hole Ø<br>(in.) |
|-------------------------|------------------------------|---------------------------|----------------|-----------------|
| 0.08-0.59               | 003261 100 59                | 003261 150 59             | 2.2            | 0.2             |
|                         | 003261 200 59                | 003261 250 59             |                |                 |



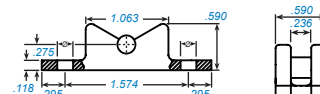
| Ø Wiring<br>(Min -Max ) | Part Number<br>Without Block | Part Number<br>With Block | Weight<br>(g.) | Hole Ø<br>(in.) |
|-------------------------|------------------------------|---------------------------|----------------|-----------------|
| 0.08-0.59               | ALBCBS 001 05                | -                         | 3              | 0.13            |



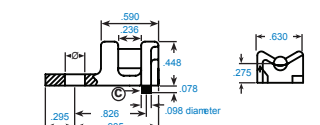
| Ø Wiring<br>(Min -Max ) | Part Number<br>Without Block | Part Number<br>With Block | Weight<br>(g.) | Hole Ø<br>(in.) |
|-------------------------|------------------------------|---------------------------|----------------|-----------------|
| 0.08-0.59               | 003261 102 59                | 003261 152 59             | 2.2            | 0.2             |
|                         | 003261 202 59                | 003261 252 59             |                | 0.13            |



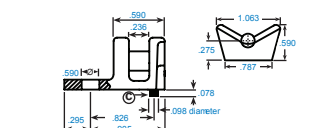
| Ø Wiring<br>(Min -Max ) | Part Number<br>Without Block | Part Number<br>With Block | Weight<br>(g.) | Hole Ø<br>(in.) |
|-------------------------|------------------------------|---------------------------|----------------|-----------------|
| 0.08-1.18               | 003261 127 59                | -                         | 4.5            | 0.2             |
|                         | 003261 227 59                |                           |                | 0.13            |
|                         | ALBCBS 001 06                |                           |                |                 |



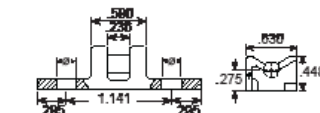
| Ø Wiring<br>(Min -Max ) | Part Number<br>Without Block | Part Number<br>With Block | Weight<br>(g.) | Hole Ø<br>(in.) |
|-------------------------|------------------------------|---------------------------|----------------|-----------------|
| 0.08-0.59               | 003261 114 59                | 003261 164 59             | 2.2            | 0.2             |
|                         | 003261 113 59                | 003261 163 59             |                | 0.13            |



| Ø Wiring<br>(Min -Max ) | Part Number<br>Without Block | Part Number<br>With Block | Weight<br>(g.) | Hole Ø<br>(in.) |
|-------------------------|------------------------------|---------------------------|----------------|-----------------|
| 0.08-0.59               | 003261 118 59                | 003261 168 59             | 3.2            | 0.2             |
|                         | 003461 117 59                | 003261 167 59             |                | 0.13            |



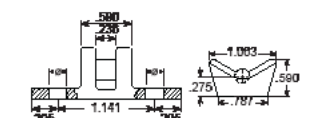
| Ø Wiring<br>(Min -Max ) | Part Number<br>Without Block | Part Number<br>With Block | Weight<br>(g.) | Hole Ø<br>(in.) |
|-------------------------|------------------------------|---------------------------|----------------|-----------------|
| 0.08-0.59               | 003261 173 59                | -                         | 3              | 0.13            |
|                         | 003261 203 59                |                           | 4.2            |                 |



#### Double



| Ø Wiring<br>(Min -Max ) | Part Number<br>Without Block | Part Number<br>With Block | Weight<br>(g.) | Hole Ø<br>(in.) |
|-------------------------|------------------------------|---------------------------|----------------|-----------------|
| 0.08-0.59               | 003261 101 59                | 003261 151 59             | 3.7            | 0.2             |
|                         | 003261 201 59                | 003261 251 59             |                | 0.13            |



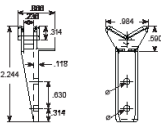
# Cable Supports

## Angled Supports

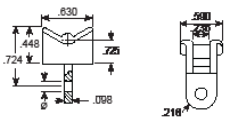
### Single



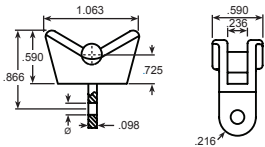
| Ø Wiring<br>(Min -Max ) | Part Number   | Weight (oz.) | Hole Ø (mm) | X |
|-------------------------|---------------|--------------|-------------|---|
| 0.08-0.59               | 003261 501 59 | 3.64         | .125        | - |
|                         | 003261 511 59 | 3.62         | .137        |   |



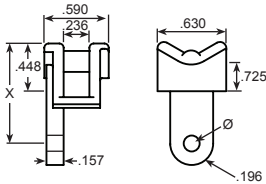
| Ø Wiring<br>(Min -Max ) | Part Number   | Weight (g.) | Hole Ø (in.) | X |
|-------------------------|---------------|-------------|--------------|---|
| 0.08-0.59               | 003261 115 59 | 1.7         | .13          | - |



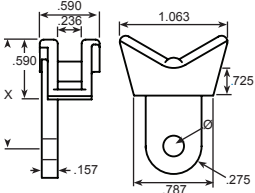
| Ø Wiring<br>(Min -Max ) | Part Number   | Weight (g.) | Hole Ø (in.) | X |
|-------------------------|---------------|-------------|--------------|---|
| 0.08-1.18               | 003261 116 59 | 2.4         | .13          | - |



| Ø Wiring<br>(Min -Max ) | Part Number   | Weight (g.) | Hole Ø (in.) | X    |
|-------------------------|---------------|-------------|--------------|------|
| 0.08-0.59               | 003261 111 59 | 1.8         | .129         | .724 |
|                         | 003261 109 59 | 2           |              | .941 |
|                         | 003261 131 59 | 1.8         | .204         | .767 |
|                         | 003261 129 59 | 2           |              | .984 |
|                         | 003261 121 59 | 1.8         | .216         | .767 |
|                         | 003261 119 59 | 2           |              | .984 |



| Ø Wiring<br>(Min -Max ) | Part Number   | Weight (g.) | Hole Ø (in.) | X     |
|-------------------------|---------------|-------------|--------------|-------|
| 0.08-1.18               | 003261 210 59 | 3           | .129         | .866  |
|                         | 003261 110 59 | 3.3         |              | 1.102 |
|                         | 003261 230 59 | 3           | .204         | .866  |
|                         | 003261 130 59 | 3.3         |              | 1.102 |
|                         | 003261 220 59 | 3           | .216         | .866  |
|                         | 003261 120 59 | 3.3         |              | 1.102 |



# SYSTEM ATTACHMENTS

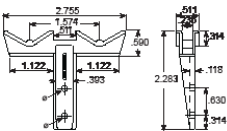
## Cable Supports

### Angled Supports

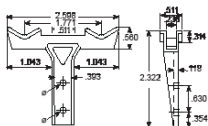
#### Double



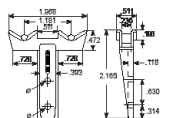
| Ø Wiring<br>(Min -Max ) | Part Number   | Weight (g.) | Hole Ø (in.) |
|-------------------------|---------------|-------------|--------------|
| 0.08-1.18               | 003261 503 59 | 6.14        | .125         |
|                         | 003261 513 59 | 6.13        | .137         |



| Ø Wiring<br>(Min -Max ) | Part Number   | Weight (g.) | Hole Ø (in.) |
|-------------------------|---------------|-------------|--------------|
| 0.08-0.787              | 003261 515 59 | 6.10        | 0.14         |



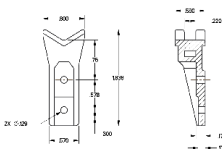
| Ø Wiring<br>(Min -Max ) | Part Number   | Weight (g.) | Hole Ø (in.) |
|-------------------------|---------------|-------------|--------------|
| 0.08-0.59               | 003261 502 59 | 4.92        | .125         |
|                         | 003261 512 59 | 4.9         | .137         |



#### Heavy Duty



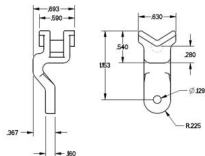
| Ø Wiring<br>(Min -Max ) | Part Number   | Weight (g.) | Hole Ø (in.) |
|-------------------------|---------------|-------------|--------------|
| 0.08-0.59               | ALBCBS 308 59 | 8.17        | 1.29         |



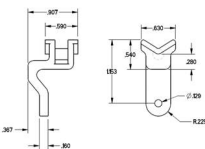
#### Stringer Supports for Specific Applications



| Ø Wiring<br>(Min -Max ) | Part Number      | Weight (g.) | Hole Ø (in.) |
|-------------------------|------------------|-------------|--------------|
| 0.08-0.59               | ALBCBS 308 59 01 | 3.63        | 0.129        |

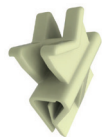


| Ø Wiring<br>(Min -Max ) | Part Number      | Weight (g.) | Hole Ø (in.) |
|-------------------------|------------------|-------------|--------------|
| 0.08-0.59               | ALBCBS 307 59 02 | 3.63        | 0.129        |

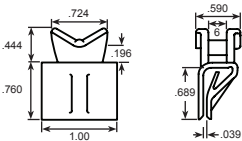


# Cable Supports

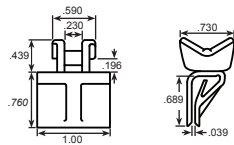
## Clamping Supports



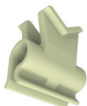
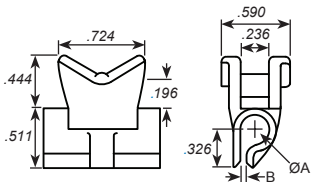
| Ø Wiring<br>(Min -Max ) | Part Number      | Weight (g.) |
|-------------------------|------------------|-------------|
| 0.08-0.59               | ALBCBS 310 59-01 | 3.4         |



| Ø Wiring<br>(Min -Max ) | Part Number      | Weight (g.) |
|-------------------------|------------------|-------------|
| 0.08-0.59               | ALBCBS 310 59-02 | 3.4         |



| Ø Wiring<br>(Min -Max ) | Part Number<br>Without Block | Color | Weight<br>(g.) | Ø A (in.) | Ø B (in.) |
|-------------------------|------------------------------|-------|----------------|-----------|-----------|
| 0.08-0.59               | ALBCBS 304 59-01             | Green | 2.86           | 0.200     | 0.2       |



| Ø Wiring<br>(Min -Max ) | Part Number<br>Without Block | Color | Weight<br>(g.) | Ø A (in.) | Ø B (in.) |
|-------------------------|------------------------------|-------|----------------|-----------|-----------|
| 0.08-0.59               | ALBCBS 304 59-03             | White | 2.99           | 0.250     | 0.13      |



| Ø Wiring<br>(Min -Max ) | Part Number<br>Without Block | Color | Weight<br>(g.) | Ø A (in.) | Ø B (in.) |
|-------------------------|------------------------------|-------|----------------|-----------|-----------|
| 0.08-0.59               | ALBCBS 304 59-07             | Grey  | 3.44           | 0.280     | 0.13      |