NEER™ Zinc Cable and Conduit Connectors
For Flexible Metal Conduit

NEC/CEC:
Listed for Ordinary Locations

SC: Straight Squeeze Type Connector

Application
- These squeeze type connectors are used to terminate flexible metal conduit to a 1/2" knockout in a dry location box or enclosure.

Features
- Male hub threads — NPS.
- 1/2" and 3/4" available with insulated throat.
- Furnished with locknut.
- Combination head screws on SC-38, SC(l)-50 and SC(l)-75.

Standard Material
- Zinc diecast

NEC/CEC Certifications and Compliances
- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1

Note:
- SC-38, SC-50, SC-125, SC-150 and SC-200 listed for use with regular and reduced wall steel and aluminum flexible metal conduit.
- SC-75, SC-200, SC-300 and SC-350 listed for use with regular wall steel and aluminum flexible metal conduit.

### Illustrated Dimensions

<table>
<thead>
<tr>
<th>Trade Size (Inches)</th>
<th>Dimensions in Millimeters (Inches)</th>
<th>Inside Diameter Range</th>
<th>Catalog Number</th>
<th>Insulated Throat Catalog Number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A (max)  B (max)  C (max)</td>
<td>D (max)  D (min)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3/8 (1/2 knockout)</td>
<td>38.1 (1.50)  12.2 (0.48)  26.9 (1.06)</td>
<td>16.5 (0.65)  13.5 (0.53)</td>
<td>SC-38</td>
<td></td>
</tr>
<tr>
<td>1/2</td>
<td>38.1 (1.50)  12.2 (0.48)  34.3 (1.35)</td>
<td>25.4 (1.00)  22.4 (0.88)</td>
<td>SC-50</td>
<td>SCI-50</td>
</tr>
<tr>
<td>3/4</td>
<td>40.9 (1.61)  12.7 (0.50)  39.9 (1.57)</td>
<td>29.5 (1.16)  23.9 (0.94)</td>
<td>SC-75</td>
<td>SCI-75</td>
</tr>
<tr>
<td>1</td>
<td>44.5 (1.75)  14.0 (0.55)  50.0 (1.97)</td>
<td>35.1 (1.38)  31.8 (1.25)</td>
<td>SC-100</td>
<td></td>
</tr>
<tr>
<td>1-1/4</td>
<td>48.8 (1.92)  15.5 (0.61)  56.6 (2.23)</td>
<td>41.4 (1.63)  38.1 (1.50)</td>
<td>SC-125</td>
<td></td>
</tr>
<tr>
<td>1-1/2</td>
<td>53.1 (2.09)  18.0 (0.71)  64.0 (2.52)</td>
<td>50.8 (2.00)  44.5 (1.75)</td>
<td>SC-150</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>59.7 (2.35)  18.5 (0.73)  77.7 (3.06)</td>
<td>63.5 (2.50)  56.4 (2.22)</td>
<td>SC-200</td>
<td></td>
</tr>
<tr>
<td>2-1/2</td>
<td>73.4 (2.89)  22.6 (0.89)  98.0 (3.86)</td>
<td>77.7 (3.06)  69.9 (2.75)</td>
<td>SC-250</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>98.8 (3.89)  25.4 (1.00)  112.3 (4.42)</td>
<td>90.4 (3.56)  81.8 (3.22)</td>
<td>SC-300</td>
<td></td>
</tr>
<tr>
<td>3-1/2</td>
<td>107.7 (4.24) 25.1 (0.99)  124.0 (4.88)</td>
<td>103.1 (4.06) 94.5 (3.72)</td>
<td>SC-350</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>115.6 (4.55) 25.4 (1.00)  138.7 (5.46)</td>
<td>114.3 (4.50) 105.7 (4.16)</td>
<td>SC-400</td>
<td></td>
</tr>
</tbody>
</table>
NEER™ Zinc Cable and Conduit Connectors
For Armored Cable, Flexible Metal Conduit and Metal Clad Cable

NEC/CEC:
Listed for Ordinary Locations

AC: 90° Two Screw Clamp

Application
• To make a 90° termination of conduit or cable to a knockout or unthreaded slip hole in a dry location box or enclosure.

Features
• Male hub threads — NPS.
• All center stopped.
• Furnished with locknut.
• Available with insulated throat.
• Combination head screws on AC(I)-90 thru AC(I)-96.

Standard Material/Finish
• Body: zinc diecast
• Cover: steel/zinc plated

NEC/CEC Certifications and Compliances
• UL Standard: 514B
• UL Listed: E25014
• CSA Standard: C22.2 No. 18.3
• CSA Certified: 208044
• NEMA: FB-1

Illustrated Dimensions

<table>
<thead>
<tr>
<th>Trade Size (Inches)</th>
<th>Dimensions in Millimeters (Inches)</th>
<th>D Min. – Max.</th>
<th>Catalog Number</th>
<th>Insulated Throat Catalog Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8 (1/2 knockout)</td>
<td>A 29.4 (1.12) B 12.2 (0.48) C 45.2 (1.78)</td>
<td>0.78/19.8 (0.45/11.4)</td>
<td>AC-90</td>
<td>ACI-90</td>
</tr>
<tr>
<td>1/2</td>
<td>38.4 (1.51) B 10.7 (0.42) C 53.8 (2.12)</td>
<td>1.15/29.2 (0.70/17.8)</td>
<td>AC-95</td>
<td>ACI-95</td>
</tr>
<tr>
<td>3/4</td>
<td>43.2 (1.70) B 11.2 (0.44) C 53.1 (2.09)</td>
<td>1.40/35.6 (0.98/24.9)</td>
<td>AC-96</td>
<td>ACI-96</td>
</tr>
<tr>
<td>1</td>
<td>59.2 (2.33) B 13.7 (0.54) C 72.9 (2.87)</td>
<td>1.73/43.9 (1.09/27.7)</td>
<td>AC-97</td>
<td>—</td>
</tr>
<tr>
<td>1-1/4</td>
<td>69.9 (2.75) B 16.3 (0.64) C 101.6 (4.00)</td>
<td>1.97/50.0 (1.34/34.0)</td>
<td>AC-98</td>
<td>—</td>
</tr>
<tr>
<td>1-1/2</td>
<td>95.3 (3.75) B 19.1 (0.75) C 152.4 (6.00)</td>
<td>2.61/66.3 (1.65/41.9)</td>
<td>AC-985</td>
<td>—</td>
</tr>
<tr>
<td>2</td>
<td>101.6 (4.00) B 18.8 (0.74) C 152.4 (6.00)</td>
<td>2.54/64.5 (1.54/39.1)</td>
<td>AC-99</td>
<td>—</td>
</tr>
<tr>
<td>2-1/2</td>
<td>155.4 (6.12) B 22.1 (0.87) C 182.6 (7.19)</td>
<td>2.98/75.7 (2.45/62.2)</td>
<td>AC-250-D</td>
<td>—</td>
</tr>
<tr>
<td>3</td>
<td>170.2 (6.70) B 26.2 (1.03) C 199.9 (7.87)</td>
<td>3.45/87.6 (2.93/74.4)</td>
<td>AC-300-D</td>
<td>—</td>
</tr>
<tr>
<td>3-1/2</td>
<td>190.5 (7.50) B 26.2 (1.03) C 238.8 (9.40)</td>
<td>3.95/100.3 (3.28/83.3)</td>
<td>AC-350-D</td>
<td>—</td>
</tr>
<tr>
<td>4</td>
<td>221.0 (8.70) B 26.2 (1.03) C 259.1 (10.2)</td>
<td>4.42/112.3 (3.68/93.5)</td>
<td>AC-400-D</td>
<td>—</td>
</tr>
</tbody>
</table>

Note:
• AC-90 through AC-400-D listed for use with regular and reduced wall steel and aluminum flexible metal conduit.
• AC-90 and ACI-90 listed for use with 14-2 AWG (nominal O.D. 11.7mm (0.46in) to 10-3 AWG (nominal O.D. 14.7mm (0.58in) steel armored cable (AC)); 14-2 AWG (nominal O.D. 12.2mm (0.48in) to 10-3 AWG (nominal O.D. 15.2mm (0.60in) aluminum armored cable (AC)); 14-2 AWG (nominal O.D. 11.9mm (0.47in) to 10-3 AWG (nominal O.D. 15.2mm (0.60in) steel interlocking metal clad cable (MCI)); 14-2 AWG (nominal O.D. 11.9mm (0.47in) to 10-3 AWG (nominal O.D. 15.5mm (0.61in) aluminum interlocking metal clad cable (MCI)); 10-2 AWG (nominal O.D. 11.4mm (0.45in) to 10-4 AWG (nominal O.D. 13.7mm (0.54in) aluminum interlocking metal clad cable, grounding type (MCI-A)).
• AC-95 and ACI-95 listed for use with 8-2 AWG (nominal O.D. 16.8mm (0.66in) to 8-3 AWG (nominal O.D. 19.3mm (0.76in) steel armored cable (AC)); 8-2 AWG (nominal O.D. 17.3mm (0.70in) to 8-3 AWG (nominal O.D. 20.1mm (0.79in) aluminum armored cable (AC)); 8-2 AWG (nominal O.D. 17.3mm (0.70in) to 8-3 AWG (nominal O.D. 19.3mm (0.76in) steel interlocking metal clad cable (MCI)); 8-2 AWG (nominal O.D. 17.3mm (0.70in) to 8-3 AWG (nominal O.D. 19.8mm (0.78in) aluminum interlocking metal clad cable (MCI)).
NEER™ Zinc Cable and Conduit Connectors
For Armored Cable, Flexible Metal Conduit and Metal Clad Cable

Application
- To make a termination of flexible metal conduit to a knockout or unthreaded slip hole in a dry location box or enclosure.

Features
- Furnished with locknut.
- Male hub threads — NPS.
- Combination head screw.

Standard Material
- Zinc diecast

NEC/CEC Certifications and Compliances
- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1

DC-5500: Duplex, Single Screw, Clamp Type

Illustrated Dimensions

<table>
<thead>
<tr>
<th>Trade Size (Inches)</th>
<th>Body Length</th>
<th>Thread Length</th>
<th>Diameter</th>
<th>Catalog Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8 (1/2 knockout)</td>
<td>38.1 (1.50)</td>
<td>10.9 (0.43)</td>
<td>21.6 (0.85)</td>
<td>DC-5500</td>
</tr>
</tbody>
</table>

C-510: Two Screw Connectors

Illustrated Dimensions

<table>
<thead>
<tr>
<th>Trade Size (Inches)</th>
<th>Body Length</th>
<th>Thread Length</th>
<th>Diameter</th>
<th>Catalog Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8 (1/2 knockout)</td>
<td>22.1 (0.87)</td>
<td>9.4 (0.37)</td>
<td>23.1 (0.91)</td>
<td>C-510</td>
</tr>
</tbody>
</table>

Note:
- DC-5500 listed for use with 9.7mm (0.38in) regular and reduced wall steel or aluminum flexible metal conduit.
- DC-5500 listed for use with 14-2 AWG (nominal O.D. 11.7mm (0.46in) to 10-3 AWG (nominal O.D. 12.7mm (0.50in) steel armored cable (AC); 14-2 AWG (nominal O.D. 11.9mm (0.47in) to 10-3 AWG (nominal O.D. 15.5mm (0.61in) aluminum interlocking metal clad cable, grounding type (MCI-A)).

Note:
- C-510 listed for use with 9.7mm (0.38in) regular and reduced wall steel or aluminum flexible metal conduit.
- C-510 listed for use with 14-2 AWG (nominal O.D. 11.7mm (0.46in) to 10-2 AWG (nominal O.D. 15.2mm (0.60in) steel armored cable (AC); 14-2 AWG (nominal O.D. 11.9mm (0.47in) to 10-3 AWG (nominal O.D. 15.5mm (0.61in) aluminum interlocking metal clad cable (MCI); 14-2 AWG (nominal O.D. 9.4mm (0.37in) to 10-3 AWG (nominal O.D. 12.7mm (0.50in) aluminum interlocking metal clad cable, grounding type (MCI-A)).
NEER™ Zinc Cable and Conduit Connectors
For Flexible Metal Conduit

NEC/CEC: Listed for Ordinary Locations

FC: Set Screw Type Connectors

Application
• To terminate 1/2” regular wall steel or aluminum flexible conduit to a 1/2” knockout in a dry location box or enclosure.

Feature
• Furnished with locknut.

Standard Material
• Zinc diecast

NEC/CEC Certifications and Compliances
• UL Standard: 514B
• UL Listed: E32539
• CSA Standard: C22.2 No. 18.3
• CSA Certified: 208044
• NEMA: FB-1

Illustrated Dimensions

GC: Screw-In Connectors

Application
• Screw-in type connectors for flexible metal conduit.

Feature
• Furnished with locknut.

Standard Material
• Zinc diecast

NEC/CEC Certifications and Compliances
• UL Standard: 514B
• UL Listed: E32539
• CSA Standard: C22.2 No. 18.3
• CSA Certified: 208044
• NEMA: FB-1

Illustrated Dimensions

<table>
<thead>
<tr>
<th>Trade Size (Inches)</th>
<th>Dimensions in Millimeters (Inches)</th>
<th>Catalog Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>B</td>
<td>C</td>
</tr>
<tr>
<td>1/2</td>
<td>38.1 (1.50)</td>
<td>10.2 (0.40)</td>
</tr>
<tr>
<td></td>
<td>30.2 (1.19)</td>
<td></td>
</tr>
</tbody>
</table>

GC Note:
• GC-38 through GC-200 listed for use with regular and reduced wall steel and aluminum flexible metal conduit.
## NEER™ Zinc Cable and Conduit Connectors

For Flexible Metal Conduit to Flexible Metal Conduit

**NEC/CEC:**
Listed for Ordinary Locations

### Application
- Screw-in type connectors used to join lengths of flexible metal conduit.

### Standard Material
- Zinc diecast

### NEC/CEC Certifications and Compliances
- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1

### Illustrated Dimensions

<table>
<thead>
<tr>
<th>Trade Size (Inches)</th>
<th>Dimensions in Millimeters (Inches)</th>
<th>Catalog Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2</td>
<td>A 45.5 (1.79)</td>
<td>B 24.6 (0.97)</td>
</tr>
<tr>
<td>3/4</td>
<td>A 53.3 (2.10)</td>
<td>B 30.7 (1.21)</td>
</tr>
<tr>
<td>1</td>
<td>A 61.2 (2.41)</td>
<td>B 37.3 (1.47)</td>
</tr>
<tr>
<td>1-1/4</td>
<td>A 70.1 (2.76)</td>
<td>B 48.0 (1.89)</td>
</tr>
<tr>
<td>1-1/2</td>
<td>A 78.0 (3.07)</td>
<td>B 57.9 (2.28)</td>
</tr>
<tr>
<td>2</td>
<td>A 83.3 (3.28)</td>
<td>B 72.1 (2.84)</td>
</tr>
</tbody>
</table>

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