Commercial Products

Space-Saver Connectors
EMT, AC/MC/FMC, Liquidtight and Rigid/IMC Connectors

Crouse-Hinds
by EATON
Space-Saver Fittings

Maximize space inside enclosures unlike traditional fittings with external threads on the fitting body.

Space-Saver fittings are engineered to increase productivity, save on material cost and add wiring room in the box or enclosure:

- Male threads on locknuts thread into the fitting body for a low-profile, secure fit - consuming minimal space on the inside of the box or enclosure
- Smooth pulling surface on locknuts eliminate the need for plastic bushings or insulated throats and ensure the integrity of wiring during pulling.
- Angled locknut teeth bite into the enclosure preventing loosening from vibration and a create positive ground continuity.
- Third party certification provides peace of mind that the fittings are tested and listed to meet project certification requirements

Space-Saver Selection Chart

<table>
<thead>
<tr>
<th>Family</th>
<th>Conduit</th>
<th>Size/Range</th>
<th>Typical Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Space-Saver Set Screw</td>
<td>EMT</td>
<td>1/2&quot; - 1&quot;</td>
<td>To connect EMT conduit to a box or enclosure</td>
</tr>
<tr>
<td>Space-Saver Compression</td>
<td>EMT</td>
<td>1/2&quot; - 1&quot;</td>
<td>To connect EMT conduit to a box or enclosure</td>
</tr>
<tr>
<td>Space-Saver Raintight</td>
<td>EMT</td>
<td>1/2&quot; - 1&quot;</td>
<td>To connect EMT conduit to a box or enclosure in wet locations - third party certified to more stringent requirements for raintight applications</td>
</tr>
<tr>
<td>Space-Saver ACB</td>
<td>AC/MC/FMC</td>
<td>3/8&quot; - 1&quot;</td>
<td>To connect AC/MC Cable and FMC conduit to a box or enclosure</td>
</tr>
<tr>
<td>Space-Saver Liquidtight</td>
<td>Liquidtight</td>
<td>3/8&quot; - 1&quot;</td>
<td>To connect liquidtight conduit to a box or enclosure</td>
</tr>
<tr>
<td>Space-Saver Liquidtight Ground</td>
<td>Liquidtight</td>
<td>3/8&quot; - 1&quot;</td>
<td>To connect liquidtight conduit to a box or enclosure and allows for termination of an external ground wire</td>
</tr>
<tr>
<td>Space-Saver Conduit Hubs</td>
<td>Rigid / IMC</td>
<td>1/2&quot; - 4&quot;</td>
<td>To connect Rigid/IMC conduit to a box or enclosure. Designed for use indoors or outdoors. Specific applications include food processing plants, distilleries, breweries, sewage disposal plants, chemical plants, paper processing mills and refineries</td>
</tr>
</tbody>
</table>
Space-Saver Fittings

EMT Space-Saver Design Features

**Male threads** on locknuts thread into the body for a low-profile, secure fit - consuming minimal space on the inside of the box or enclosure

**Smooth pulling surface** on locknuts eliminate the need for plastic bushings and ensure the integrity of wiring during pulling

**Angled teeth on locknuts** bite into the enclosure preventing loosening from vibration and a creating a positive ground connectivity

**Low Profile Design:**

**In handy box applications**, traditional EMT connector threads protrude inside the box and create the cumbersome and labor intensive need to clip device mounting screws during installation. The Space-Saver EMT connector’s low profile design eliminates this requirement!

**In steel outlet box applications**, traditional EMT connectors protrude inside the box and make installation difficult in adjacent corner knockouts. Space-Saver EMT connector’s low profile design eliminates this potential installation difficulty.

**Third party certification** provides peace of mind that the fittings are tested and listed to meet project certification requirements
Space-Saver Fittings for EMT Conduit

Set Screw

Features:
Set-Screw Connector
- Tri-head set screw may be installed using a slotted, Phillips, or Robertson head screwdriver

Applications:
- Use to join EMT conduit to a box or enclosure

Features:
- Male threads on locknut allow for more room inside the box
- Smooth pulling surface won’t strip cable – no bushing or insulated throat required
- Angled teeth on locknut bite into enclosure, preventing loosening from vibration and create positive ground continuity
- Knurled wrenching surface on body for easy tightening
- Zinc electroplated for corrosion resistance

Compression

Features:
Compression Connector
- The split compression ring assures solid attachment to the conduit and positive ground continuity
- The hex surface on the compression nut provide for easy wrenching to quickly and easily tighten the nut

Certifications and Compliances:
- UL and cUL Listed File No. E-22132
- UL Standard 514B
- Certified by UL to CSA Standard C22.2 No. 18
- Concrete tight when taped

Materials:
- Body and nut – steel

Finishes:
- Steel – zinc electroplate

Space-Saver EMT Set Screw Connectors Ordering Information

<table>
<thead>
<tr>
<th>Cat. #</th>
<th>Trade Size</th>
<th>Unit Qty.</th>
<th>Wt. Per 100</th>
<th>Dim. A</th>
<th>Dim. B</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSBC50</td>
<td>1/2&quot;</td>
<td>100</td>
<td>8</td>
<td>1.17</td>
<td>1.14</td>
</tr>
<tr>
<td>SSBC75</td>
<td>3/4&quot;</td>
<td>50</td>
<td>12</td>
<td>1.47</td>
<td>1.36</td>
</tr>
<tr>
<td>SSBC100</td>
<td>1&quot;</td>
<td>25</td>
<td>12</td>
<td>1.57</td>
<td>1.76</td>
</tr>
</tbody>
</table>

Space-Saver EMT Compression Connectors Ordering Information

<table>
<thead>
<tr>
<th>Cat. #</th>
<th>Trade Size</th>
<th>Unit Qty.</th>
<th>Wt. Per 100</th>
<th>Dim. A</th>
<th>Dim. B</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSC50</td>
<td>1/2&quot;</td>
<td>50</td>
<td>8</td>
<td>1.38</td>
<td>1.15</td>
</tr>
<tr>
<td>SSC75</td>
<td>3/4&quot;</td>
<td>25</td>
<td>12</td>
<td>1.55</td>
<td>1.36</td>
</tr>
<tr>
<td>SSC100</td>
<td>1&quot;</td>
<td>25</td>
<td>12</td>
<td>1.75</td>
<td>1.76</td>
</tr>
</tbody>
</table>
Space-Saver for EMT Conduit - Raintight Compression

**Applications:**
- Use to join EMT conduit to a box or enclosure - third party certified to more stringent requirements for raintight applications

**Features:**
- The only Space-Saver EMT compression connector UL Listed raintight
- Male threads on the locknut maximize space in box or enclosure and provide a smooth pulling surface, eliminating the need for a bushing or insulated throat fitting
- Angled teeth on locknut bite into enclosure, preventing loosening from vibration
- No disassembly of the gland nut is required for installation of the conduit
- Knurled wrenching surface on body for easy tightening
- Hex shaped gland nut allows for easy wrenching, providing a fast, tight application
- Distinct black gland nut allows inspectors to tell at a glance that the fitting is raintight and suitable for use outdoors
- Gasket seals installation for raintight connection between box and the connector

**Materials:**
- Body and nut – steel
- Gasket – rubber

**Finishes:**
- Body – zinc electroplate
- Nut – painted black
- Gasket – natural

**Certifications and Compliances:**
- UL and cUL Listed File No. E-22132
- UL Standard 514B
- Certified by UL to CSA Standard C22.2 No. 18

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Space-Saver for AC/MC/FMC Conduit - Dual Gripping Saddle Design

**Applications:**
- Use to join AC/MC cable and FMC conduit to a box or enclosure

**Features:**
- Male threads on locknut allow for more room inside the box
- Smooth pulling surface eliminates the need for insulated throat fittings and/or plastic bushings
- Angled teeth on locknut bite into enclosure, preventing loosening from vibration
- Dual gripping saddle design on the fitting safely secures cable or conduit in place and prevents loosening from vibration
- Tri-head set screw may be tightened using a slotted, Philips, or Robertson head screwdriver
- Steel fitting is zinc electroplated for added corrosion resistance
- Suitable for use with steel or aluminum cables
- Dry locations

**Certifications and Compliances:**
- UL and cUL Listed File No. E-19188
- UL Standard 514B
- Certified by UL to CSA Standard C22.2 No. 18

**Materials:**
- Body and nut – steel

**Finishes:**
- Body and nut – zinc electroplated

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Space-Saver EMT Raintight Compression Connectors Ordering Information

<table>
<thead>
<tr>
<th>Cat. #</th>
<th>Trade Size</th>
<th>Unit Qty.</th>
<th>Wt. Per 100</th>
<th>Dim. A</th>
<th>Dim. B</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSRT50</td>
<td>1/2”</td>
<td>50</td>
<td>13</td>
<td>1.58</td>
<td>1.15</td>
</tr>
<tr>
<td>SSRT75</td>
<td>3/4”</td>
<td>25</td>
<td>18</td>
<td>1.7</td>
<td>1.38</td>
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<tr>
<td>SSRT100</td>
<td>1”</td>
<td>25</td>
<td>26</td>
<td>1.94</td>
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Space-Saver AC/MC/FMC Set Screw Connectors Ordering Information

<table>
<thead>
<tr>
<th>Cat. #</th>
<th>Trade Size</th>
<th>KO Size</th>
<th>Cable Dia. Range</th>
<th>Unit Qty.</th>
<th>Wt. Per 100</th>
<th>Dim. A</th>
<th>Dim. B</th>
<th>Dim. C</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSACB38*</td>
<td>3/8”</td>
<td>1/2”</td>
<td>.660 - .700</td>
<td>50</td>
<td>9</td>
<td>1.36</td>
<td>1.14</td>
<td>1.31</td>
</tr>
<tr>
<td>SSACB50*</td>
<td>1/2”</td>
<td>1/2”</td>
<td>.920 - .520</td>
<td>25</td>
<td>12</td>
<td>1.39</td>
<td>1.14</td>
<td>1.57</td>
</tr>
<tr>
<td>SSACB75</td>
<td>3/4”</td>
<td>3/4”</td>
<td>1.11 - .680</td>
<td>20</td>
<td>14</td>
<td>1.46</td>
<td>1.36</td>
<td>1.71</td>
</tr>
<tr>
<td>SSACB100</td>
<td>1”</td>
<td>1”</td>
<td>1.375 - .930</td>
<td>5</td>
<td>30</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

*UL approved for use with aluminum interlocking grounding metal clad cable, Type MCIA (Southwire MCAP™)

MCAP™ is a registered trademark of Southwire Company
Space-Saver for Liquidtight Conduit -
With and Without Ground Lug

Applications:
- Use to join liquidtight conduit to box or enclosure

Features:
- Liquidtight, raintight, oiltight for protection and long life in wet, dusty and corrosive environments
- Compact, slim diameter for tight space and neat appearance
- Male threads on the nut maximize space in box or enclosure and provides a smooth pulling surface eliminating the need for a bushing or insulated throat fitting saving time & money
- Reusable, long ferrule prevents pull out and tight bend conduit "pop out"
- Hex shaped gland nut allows for easy wrenching, providing a fast, tight installation
- Split sealing ring allows sealing ring to be installed after installation of ferrule and is reversible to ensure correct installation. Impossible to install incorrectly!
- Grooved design on rubber gasket allows for a snug, captive fit ensuring the gasket will not fall off during installation
- Available with optional aluminum grounding lug for easy ground wire termination

Certifications and Compliances:
- UL and cUL Listed File No. E-19189
- UL Standard 514B
- Certified by UL to CSA Standard C22.2 No. 18

Materials:
- Body and nut – malleable iron
- Ferrule – steel
- Gasket – rubber
- Ground lug – aluminum

Finishes:
- Body – zinc electroplate
- Ferrule – zinc electroplate
- Gasket – natural
- Ground lug – natural

Space-Saver Conduit Hubs

Applications:
- Ideal for terminating rigid/IMC conduit through the walls of enclosures
- Designed for use indoors or outdoors with rigid and IMC conduit. Specific applications include food processing plants, distilleries, breweries, sewage disposal plants, chemical plants, paper processing mills and refineries.

Features:
- Male thread on the nut for a low-profile space saving fit
- Quick and easy when installing rigid conduit nipple between two existing enclosures
- Insulated throat provides smooth pulling surface
- Furnished with SG sealing gasket
- Hub fits standard knockouts. No special tools required

Certifications and Compliances:
- Class I, Division 2
- Class II, Divisions 1 & 2
- Class III, Division 1 & 2
- UL and cUL Listed File No. E-19189
- UL Standard 514B
- Certified by UL to CSA Standard C22.2 No. 18
- Suitable for wet locations

Materials:
- Body and nut – malleable iron
- Sealing ring – steel and rubber

Finishes:
- Body and nut – zinc electroplate
- Sealing ring – natural

Space-Saver Liquidtight Connectors Ordering Information

<table>
<thead>
<tr>
<th>Cat. #</th>
<th>Trade Size</th>
<th>Unit Qty.</th>
<th>Wt. Per 100</th>
<th>Wt. Per 100 with lug</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSLT38</td>
<td>3/8”</td>
<td>25</td>
<td>19</td>
<td>23</td>
</tr>
<tr>
<td>SSLT50</td>
<td>1/2”</td>
<td>25</td>
<td>21</td>
<td>26</td>
</tr>
<tr>
<td>SSLT75</td>
<td>3/4”</td>
<td>15</td>
<td>31</td>
<td>36</td>
</tr>
<tr>
<td>SSLT100</td>
<td>1”</td>
<td>5</td>
<td>44</td>
<td>48</td>
</tr>
</tbody>
</table>

Space-Saver Conduit Hubs - Iron Ordering Information

<table>
<thead>
<tr>
<th>Cat. #</th>
<th>Trade Size</th>
<th>Unit Qty.</th>
<th>Wt. Per 100</th>
<th>Dim. A</th>
<th>Dim. B</th>
<th>Dim. C with lug</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUB1</td>
<td>1/2”</td>
<td>25</td>
<td>18</td>
<td>1.49</td>
<td>1.3</td>
<td></td>
</tr>
<tr>
<td>HUB2</td>
<td>3/4”</td>
<td>10</td>
<td>25</td>
<td>1.44</td>
<td>1.54</td>
<td></td>
</tr>
<tr>
<td>HUB3</td>
<td>1”</td>
<td>5</td>
<td>50</td>
<td>1.57</td>
<td>1.78</td>
<td></td>
</tr>
<tr>
<td>HUB4</td>
<td>1-1/4”</td>
<td>5</td>
<td>25</td>
<td>1.98</td>
<td>2.16</td>
<td></td>
</tr>
<tr>
<td>HUB5</td>
<td>1-1/2”</td>
<td>2</td>
<td>20</td>
<td>2.0</td>
<td>2.37</td>
<td></td>
</tr>
<tr>
<td>HUB6</td>
<td>2”</td>
<td>1</td>
<td>10</td>
<td>2.19</td>
<td>2.93</td>
<td></td>
</tr>
<tr>
<td>HUB7</td>
<td>2-1/2”</td>
<td>1</td>
<td>10</td>
<td>2.61</td>
<td>3.56</td>
<td></td>
</tr>
<tr>
<td>HUB8</td>
<td>3”</td>
<td>1</td>
<td>5</td>
<td>2.81</td>
<td>4.18</td>
<td></td>
</tr>
<tr>
<td>HUB9</td>
<td>3-1/2”</td>
<td>1</td>
<td>5</td>
<td>3.02</td>
<td>4.64</td>
<td></td>
</tr>
<tr>
<td>HUB10</td>
<td>4”</td>
<td>1</td>
<td>2</td>
<td>3.65</td>
<td>5.21</td>
<td></td>
</tr>
</tbody>
</table>
Space-Saver Fittings

Notes:

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