The EDGE®
Self-Sealing Round Duct System
The EDGE System will eliminate the sealing of all connections in your spiral pipe system. This system will not only provide a labor savings for the installer, it is a high efficient duct system and also great for exposed systems.

FEATURES
- All fittings will have a factory installed EPDM gasket, which has an operating temperature rating of -20°F to 212°F.
- The smoke and flame spread rating is 0/0.
- The gasket construction is of a black EPDM base with a wiper for machine application and a green EPDM hollow seal that will act as the sealing section.
- The gasket is attached to the fitting with a 180° hemmed edge that will hold the gasket in place, as shown in the diagrams to the right.
- The connections are secured with self-tapping sheet metal screws per SMACNA standards.
- The EDGE System allows for substantial space for insertion of the screws, because the gasket is located on the leading EDGE of the fitting. (NOTE: The use of sheet metal screws with a rubber gasket would insure that all screw holes are sealed as well.
- The EDGE System has been tested in accordance to SMACNA's Air Duct Leakage Test Manual and meets SMACNA Class 3 leakage standards.

BENEFITS
- Stronger fitting
- Eliminates sharp edge
- Consistent diameter
- Factory installed resulting in a cost savings
- The EDGE gasket is treated with anti-friction coating for easy installation.

The EDGE - Fittings & Materials

Fittings: 4"-10" (all sizes), 12"-60" (even sizes only)
Materials: Galvanized, Galvaneal, Stainless Steel Type 304 & 316, Aluminum.
All fittings will be fabricated, except for Galvanized Stamped Fittings listed below:

<table>
<thead>
<tr>
<th>Elbows</th>
<th>4&quot; - 12&quot; = Stamped/Stitch Welded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reducers</td>
<td>4&quot; - 24&quot; = Spun</td>
</tr>
<tr>
<td>Bellmouths</td>
<td>4&quot; - 12&quot; = Stamped</td>
</tr>
<tr>
<td></td>
<td>14&quot; - 36&quot; = Spun</td>
</tr>
<tr>
<td>90° Tee</td>
<td>4&quot; - 12&quot; = Fabricated body with Stamped Saddle Tap</td>
</tr>
<tr>
<td>90° Tap</td>
<td>4&quot; - 12&quot; = Stamped</td>
</tr>
<tr>
<td>All Other Fittings</td>
<td>Any fitting can be fabricated with gasket attached.</td>
</tr>
<tr>
<td></td>
<td>All products will be fabricated per SMACNA standards and gauges.</td>
</tr>
<tr>
<td></td>
<td>All fabricated fittings conform to SPIDA dimensional data.</td>
</tr>
</tbody>
</table>
CONSTRUCTION (GAUGE):
- All duct and fittings are made per SMACNA's Duct Construction Standards (+10" W.G.).
- Stamped Fittings are all 22 or 24 gauge. Spun Fittings are all 20 gauge.
- The following table shows diameter and gauges:

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Spiral Duct</th>
<th>Fabricated Fittings</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;-24&quot;</td>
<td>26 ga.</td>
<td>24 ga.</td>
</tr>
<tr>
<td>26&quot;-36&quot;</td>
<td>24 ga.</td>
<td>22 ga.</td>
</tr>
<tr>
<td>38&quot;-60&quot;</td>
<td>22 ga.</td>
<td>Please Specify</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Stamped Fittings*</th>
<th>4&quot;</th>
<th>5&quot;</th>
<th>6&quot;</th>
<th>7&quot;</th>
<th>8&quot;</th>
<th>9&quot;</th>
<th>10&quot;</th>
<th>12&quot;</th>
<th>14&quot;-36&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>GDSE</td>
<td>24 ga.</td>
<td>22 ga.</td>
<td>22 ga.</td>
<td>22 ga.</td>
<td>22 ga.</td>
<td>22 ga.</td>
<td>22 ga.</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>GDSE1</td>
<td>24 ga.</td>
<td>24 ga.</td>
<td>24 ga.</td>
<td>24 ga.</td>
<td>24 ga.</td>
<td>24 ga.</td>
<td>24 ga.</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>GDST</td>
<td>24 ga.</td>
<td>24 ga.</td>
<td>24 ga.</td>
<td>24 ga.</td>
<td>24 ga.</td>
<td>24 ga.</td>
<td>24 ga.</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>GBTO - stamped</td>
<td>24 ga.</td>
<td>24 ga.</td>
<td>24 ga.</td>
<td>24 ga.</td>
<td>24 ga.</td>
<td>24 ga.</td>
<td>24 ga.</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>GBTO - spun</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>GSPR - spun</td>
<td>20 ga.</td>
<td>20 ga.</td>
<td>20 ga.</td>
<td>20 ga.</td>
<td>20 ga.</td>
<td>20 ga.</td>
<td>20 ga.</td>
<td>20 ga.</td>
<td></td>
</tr>
</tbody>
</table>

CONSTRUCTION (PIPE):
- Spiral pipe
- Calibration of spiral is required by The EDGE ® System manufacturer, Stamped Fittings Inc.

CONSTRUCTION (FITTINGS):
All EDGE ® fittings, 4"–60", will have a factory installed gasket that is attached to the fitting with a 180° hemmed edge for strength, rigidity and maintaining proper tolerances.

CONSTRUCTION (GASKET):
- The EDGE ® gasket consists of a two-part EPDM rubber sealing material.
- The base EPDM (black material) is classified according to ASTM D2000-86 M3BA 810 B13 C12 F17.
- The sealing EPDM (green material) is classified according to ASTM D2000-86 M8BA 507 B13 C12.
- The operating temperature is -20°F to 212°F.
- The smoke and flame spread is in accordance to ASTM E-84-91A.

PRESSURE CLASS:
- The EDGE ® System has been tested and meets the requirements of SMACNA's Leakage Class 3.

JOINT CONNECTIONS:
- All fittings are manufactured to slip fit into spiral duct. Any fitting to fitting connection can use a fitting coupling.
The EDGE® System fittings are made to fit tight, assuring a proper seal. Care should be taken when handling these fittings as damage could result in an improper fit and a difficult installation process.

WHEN INSTALLING:

1. Place the hemmed EDGE of the fitting in the spiral pipe then apply pressure and the fitting will slip into place, stopping at the bead/pipe stop.

2. Placement of the fastening screws should be opposite from one another, evenly spaced around the circumference (see diagram). Screws should be placed approximately 1/2” from the bead in order to avoid damaging The EDGE® gasket. In the event of incorrect installation, holes caused by the screws must be sealed before reassembly.

3. Quantities and sizes to be used are listed in the table below.

4. Always start the first fastener at the largest radial gap between fitting and duct. Be sure to achieve even distribution around the circumference.

<table>
<thead>
<tr>
<th>Spiral Duct Diameter</th>
<th>Screw Diameter</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>3&quot;- 5”</td>
<td>1/8”</td>
<td>2</td>
</tr>
<tr>
<td>6&quot;- 10”</td>
<td>1/8”</td>
<td>3</td>
</tr>
<tr>
<td>12&quot;- 24”</td>
<td>1/8”</td>
<td>4</td>
</tr>
<tr>
<td>26&quot;- 36”</td>
<td>1/8”</td>
<td>6</td>
</tr>
</tbody>
</table>

Patent Pending US 2006-0006610A1
All of The EDGE® System products in this catalog are manufactured & distributed by Stamped Fittings® Inc.
All of The EDGE® System products in this catalog are manufactured & distributed by Stamped Fittings® Inc.
The EDGE® – Product Specifications

<table>
<thead>
<tr>
<th>Gasket 90° Die Stamped 1.5 CLR Elbow (GDSE90)</th>
<th>Gasket 45° Die Stamped 1.5 CLR Elbow (GDSE45)</th>
</tr>
</thead>
<tbody>
<tr>
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<table>
<thead>
<tr>
<th>A</th>
<th>S</th>
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<tbody>
<tr>
<td>4”</td>
<td>2”</td>
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<tr>
<td>5”</td>
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<td>6”</td>
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<tr>
<td>10”</td>
<td>2”</td>
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<tr>
<td>12”</td>
<td>2”</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Gasket 90° Die Stamped 1.0 CLR Elbow (GDSE190)</th>
<th>Gasket 45° Die Stamped 1.0 CLR Elbow (GDSE145)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</table>

<table>
<thead>
<tr>
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<tbody>
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<td>4”</td>
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<td>5”</td>
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<td>9”</td>
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<tr>
<td>10”</td>
<td>2”</td>
</tr>
<tr>
<td>12”</td>
<td>2”</td>
</tr>
</tbody>
</table>
Gasket Gorelocked Elbows

**Options Available**

- Specify CLR (1.5, 1.0, etc.)
- Specify Degree (15°, 22.5°, 30°, 45°, 60°, 90°, etc.)
- Up to 30° = 2 Piece
- 30°+ up to 60° = 3 Piece
- 60°+ up to but not including 90° = 4 Piece
- 90° = 5 Piece

**Key**

- A = 4"-10" (all sizes), 12"-60" (even sizes only)
- S = 2"
**Gasket 90° Die Stamped Saddle Tap (GDST)**

- **A1**: Up to 24" (A1 is greater than or equal to A3)
- **A2**: 4", 5", 6", 8", 10", 12"
- **S**: 2"
- **H**: 3/4" (where A1 = 6" or less), 1" (where A1 = 8" or more)
- **L**: A2 + 4"

* Field installed fitting

**Gasket 90° Reducing Tee with Die Stamped Saddle Tap (GDSTRT)**

- **A1**: Up to 24" (A1 is greater than or equal to A3)
- **A2**: 4", 5", 6", 8", 10", 12"
- **S**: 2"
- **H**: 3/4" (where A3 = 6" or less), 1" (where A3 = 8" or more)
- **L**: A2 + 4"

**Key (GDST)**

- **A1**: 4", 5", 6", 8", 10", 12"
- **A2**: Up to 24" (A2 is greater than or equal to A1)
- **S**: 2"
- **H**: 3/4" (where A1 = 6" or less), 1" (where A1 = 8" or more)

**Key (GTDST)**

- **A1**: Up to 24" (A1 is greater than or equal to A2)
- **A2**: 4", 5", 6", 8", 10", 12"
- **S**: 2"
- **H**: 3/4" (where A1 = 6" or less), 1" (where A1 = 8" or more)
- **L**: A2 + 4"

**Key (GDSTRT)**

- **A1**: Up to 24" (A1 is greater than or equal to A3)
- **A2**: Up to 24" (A2 is less than A1)
- **A3**: 4", 5", 6", 8", 10", 12"
- **S**: 2"
- **H**: 3/4" (where A3 = 6" or less), 1" (where A3 = 8" or more)
- **L**: A3 + 4"
- **X**: A1 - A2 (4" minimum)
The EDGE® – Product Specifications

Gasket 90° Die Stamped Saddle Tap with Damper (GDSTD)

* Field installed fitting

Key (GDSTD)
- A1 = 4", 5", 6", 8", 10", 12"
- A2 = Up to 24" (A2 is greater than or equal to A1)
- S = 2"
- H = 7 - 1/2" (for 4")
- 7 - 3/8" (for 5")
- 8 - 1/4" (for 6")
- 8 - 1/2" (for 8", 10" & 12")

Features
- 22 Gauge galvanized body

Low-Leakage Dampers
- 2" Stand-off (20 ga.)
- Nylon bushings with O-ring for sealing of holes
- Locking handle for adjustment of damper - ease of balancing
- 3/8" Continuous square rod through damper
- 4" - 22" Standard dampers (22 ga.)
- 24" - 36" Standard dampers (20 ga.)
The EDGE® – Product Specifications

**Gasket 90° Conical (GC)**

- **Sizes Available for A1, A2 & A3:**
  - 4" - 10" (all sizes), 12" - 60" (even sizes only)
  - A2 is greater than A1
  - S = 2"
  - H = 5-1/4"
  - L = A2 + 4"

**Gasket 90° Conical Tee (GCT)**

- **Sizes Available for A1 & A2:**
  - 4" - 10" (all sizes), 12" - 60" (even sizes only)
  - A1 is greater than A2
  - S = 2"
  - H = 5-1/4"
  - L = A2 + 4"

**Gasket 90° Conical Reducing Tee (GCRT)**

- **Sizes Available for A1, A2 & A3:**
  - 4" - 10" (all sizes), 12" - 60" (even sizes only)
  - A1 is greater than A3
  - A2 is less than A1
  - S = 2"
  - H = 5-1/4"
  - L = A3 + 4"
  - X = A1 - A2 (4" minimum)

---

* Field installed fitting
The EDGE® – Product Specifications

Gasket 90° Conical with Damper (GCD)

![Diagram of Gasket 90° Conical with Damper (GCD)]

* Field installed fitting

<table>
<thead>
<tr>
<th>Key (GCD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sizes Available for A1:</td>
</tr>
<tr>
<td>4” - 10” (all sizes), 12” - 36” (even sizes only)</td>
</tr>
<tr>
<td>A2 is greater than A1</td>
</tr>
<tr>
<td>S = 2”</td>
</tr>
<tr>
<td>H = 6”</td>
</tr>
<tr>
<td>L = 4”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>22 Gauge galvanized body</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Low-Leakage Dampers</th>
</tr>
</thead>
<tbody>
<tr>
<td>2” Stand-off (20 ga.)</td>
</tr>
<tr>
<td>Nylon bushings with O-ring for sealing of holes</td>
</tr>
<tr>
<td>Locking handle for adjustment of damper - ease of balancing</td>
</tr>
<tr>
<td>3/8” Continuous square rod through damper</td>
</tr>
<tr>
<td>4” - 22” Standard dampers (22 ga.)</td>
</tr>
<tr>
<td>24” - 36” Standard dampers (20 ga.)</td>
</tr>
</tbody>
</table>
The EDGE® – Product Specifications

Gasket Straight Tap (GST)

Gasket 90° Tee (GT)

Gasket 90° Straight Reducing Tee (GSRT)

Key (GST)

Sizes Available for A1:
- 4”-10” (all sizes), 12”-60” (even sizes only)
A2 is greater than or equal to A1
S = 2”
H = 2”

Key (GT)

Sizes Available for A1 & A2:
- 4”-10” (all sizes), 12”-60” (even sizes only)
A1 is greater than or equal to A2
S = 2”
H = 2”
L = A2 + 4”

Key (GSRT)

Sizes Available for A1, A2 & A3:
- 4”-10” (all sizes), 12”-60” (even sizes only)
A1 is greater than or equal to A3
A2 is less than A1
S = 2”
H = 2”
L = A3 + 4”
X = A1 · A2 (4” minimum)

* Field installed fitting
Low-Leakage Dampers

- 22 Gauge galvanized body
- 2” Stand-off (20 ga.)
- Nylon bushings with O-ring for sealing of holes
- Locking handle for adjustment of damper - ease of balancing
- 3/8” Continuous square rod through damper
- 4” - 22” Standard dampers (22 ga.)
- 24” - 36” Standard dampers (20 ga.)

Gasket 90° Straight Tap with Damper (GSTD)

* Field installed fitting

**Key (GSTD)**

Sizes Available for A1:
- 4” - 10” (all sizes), 12” - 36” (even sizes only)
A2 is greater than or equal to A1

\[
S = 2” \\
H = 4” \\
L = 4”
\]
Gasket 45° Lateral (GL)

Gasket 45° Lateral Reducing Tee (GLRT)

Gasket 45° Lateral Tee (GLT)

* Field installed fitting

**Key (GL)**

Sizes Available for A1:
4” - 10” (all sizes), 12” - 60” (even sizes only)
A2 is greater than or equal to A1
S = 2”
H = 4”

**Key (GLT)**

Sizes Available for A1 & A2:
4” - 10” (all sizes), 12” - 60” (even sizes only)
A1 is greater than or equal to A2
S = 2”
H = 4”
L = (A2 x 1.414) + 4”

**Key (GLRT)**

Sizes Available for A1, A2 & A3:
4” - 10” (all sizes), 12” - 60” (even sizes only)
A1 is greater than or equal to A3
A2 is less than A1
S = 2”
H = 4”
L = (A3 x 1.414) + 4”
X = A1 - A2 (4” minimum)
**Features**

- 2" Stand-off (20 ga.)
- Nylon bushings with O-ring for sealing of holes
- Locking handle for adjustment of damper - ease of balancing
- 3/8" Continuous square rod through damper
- 4"- 22" Standard dampers (22 ga.)
- 24"- 36" Standard dampers (20 ga.)

**Key (GLD)**

Sizes Available for A1:
- 4"- 10" (all sizes), 12"- 36" (even sizes only)
A2 is greater than or equal to A1
S = 2"
H = 4"
L = 4"

*Field installed fitting*
### Gasket Spun Reducer-Concentric (GSPR)

<table>
<thead>
<tr>
<th></th>
<th>A1</th>
<th>A2</th>
<th>A1</th>
<th>A2</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>3&quot;</td>
<td>10&quot;</td>
<td>5&quot;</td>
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<td>9&quot;</td>
<td>8&quot;</td>
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</table>

**Key**

- \( S = 2" \)
- \( L = 4" \) (minimum)

If the difference between \( A1 \) and \( A2 \) is equal to or greater than 6" and/or \( A1 \) is greater than 24", please specify as Gasket Concentric Reducer (GR). This item will be fabricated and not spun.

**Warning:**

- 4" x 3", 5" x 3", 6" x 3", and 7" x 3" will not have a gasket on the 3" end
**Gasket Eccentric Reducer (GER)**

- **Sizes Available for A1 & A2:**
  - 4”-10” (all sizes), 12”-60” (even sizes only)
  - **S** = 2”
  - **L** = (A1 - A2) x 2 + 2”
  - **L minimum** = 7-3/4”
  - Please specify any other length, if not the standard.

**Key (GER)**

- **Sizes Available for A1 & A2:**
  - 4”-10” (all sizes), 12”-60” (even sizes only)
  - **S** = 2”
  - **L** = (A1 - A2) x 2 + 2”
  - **L minimum** = 7-3/4”
  - Please specify any other length, if not the standard.

**Gasket Concentric Reducer (GR)**

- **Sizes Available for A1 & A2:**
  - 4”-10” (all sizes), 12”-60” (even sizes only)
  - **S** = 2”
  - **L** = 4” if the change in diameter (A1 - A2) is less than 6”
  - If the change in diameter (A1 - A2) is greater than or equal to 6” then **L** = A1 - A2.
  - Please specify any other length, if not the standard.
### Gasket Conical Take-off (GCTO)

- **A** = 4” - 10” (all sizes), 12” - 22” (even sizes only)
- **S1** = 2”
- **S2** = 1 1/4”
- **L** = 4”

![Gasket Conical Take-off Diagram](image)

### Gasket Bellmouth Take-off (GBTO)

- **A**
- **L**
- **S1**
- **S2**
- **F**
- **B**

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Gasket Bellmouth Take-off with Damper (GBTOD)

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Features

- 22 Gauge galvanized body
- 2" Stand-off (20 ga.)
- Nylon bushings with O-ring for sealing of holes
- Locking handle for adjustment of damper - ease of balancing
- 3/₄" Continuous square rod through damper
- 4"-22" Standard dampers (22 ga.)
- 24"-36" Standard dampers (20 ga.)

Low-Leakage Dampers
<table>
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<tr>
<th>Product Type</th>
<th>Specifications</th>
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</table>
| Gasket Pipe Coupling (GPC) | **Key (GPC)**  
A = 4"- 10" (all sizes), 12"- 60" (even sizes only)  
S = 2"  
L = 4" |
|                      | **Features**  
- 2" Stand-off (20 ga.)  
- Nylon bushings with O-ring for sealing of holes  
- Locking handle for adjustment of damper - ease of balancing  
- 3/8" Continuous square rod through damper  
- 4"- 22" Standard dampers (22 ga.)  
- 24"- 36" Standard dampers (20 ga.) |
| Gasket Damper (GD)   | **Key (GD)**  
A = 4"- 10" (all sizes), 12"- 36" (even sizes only)  
S = 2"  
L = 4" |
|                      | **Features**  
- 22 Gauge galvanized body |
| Fitting Coupling (FC) | **Key (FC)**  
A = 4"- 10" (all sizes), 12"- 60" (even sizes only)  
S = 2"  
L = 4" |
|                      | **Features**  
- This product is pipe size for use with fitting to fitting application. |
Gasket End Plug (GEP)

**Key (GEP)**

- $A = 4'' - 10''$ (all sizes), $12'' - 60''$ (even sizes only)
- $S = 2''$

---

Gasket Reducing Bull Head Tee (GBRT)

**Key (GBRT)**

- $S = 2''$
- $L = A + 4''$
- $X = 4''$ minimum
- $A3 > A1$ or $A2$

Order as: in, out, branch ($A1$, $A2$, $A3$)
The EDGE® – Product Specifications

Gasket Straight Take-off (GSTO)

- **Features**
  - 2” Stand-off (20 ga.)
  - Nylon bushings with O-ring for sealing of holes
  - Locking handle for adjustment of damper - ease of balancing
  - 3/8” Continuous square rod through damper
  - 4”- 22” Standard dampers (22 ga.)
  - 24”- 36” Standard dampers (20 ga.)

Key (GSTO)

- **A** = 4”- 10” (all sizes), 12”- 60” (even sizes only)
- **S** = 2”

Gasket Straight Take-off with Damper (GSTOD)

- **Features**
  - 22 Gauge galvanized body
  - Peel & Stick gasket included

Key (GSTOD)

- **A** = 4”- 10” (all sizes), 12” and 14”
- **S** = 2”
- **L** = 8”

Low-Leakage Dampers

- 2” Stand-off (20 ga.)
- Nylon bushings with O-ring for sealing of holes
- Locking handle for adjustment of damper - ease of balancing
- 3/8” Continuous square rod through damper
- 4”- 22” Standard dampers (22 ga.)
- 24”- 36” Standard dampers (20 ga.)
The EDGE® – Product Specifications

Gasket Y Branch (GY)

Key
Sizes Available for A1, A2 & A3:
4" - 10" (all sizes), 12" - 60" (even sizes only)
S = 2"

Gasket Reducing Y Branch (GRY)

Key
Sizes Available for A1, A2 & A3:
4" - 10" (all sizes), 12" - 60" (even sizes only)
A2 & A3 are less than A1
S = 2"
**The EDGE® – Product Specifications**

### Gasket Conical Cross (GCROSC)

![](gasket_conical_cross.png)

**Key (GCROSC)**
- Sizes Available for A1, A2, A3 & A4:
  - 4"-10" (all sizes), 12"-60" (even sizes only)
  - A1 & A2 are greater than or equal to A3 & A4 (= 2" min.)
  - A3 is greater than or equal to A4
  - $S = 2''$
  - $H = 4''$
  - $L = A3 + 4''$

### Gasket Straight Cross (GCROSS)

![](gasket_straight_cross.png)

**Key (GCROSS)**
- Sizes Available for A1, A2, A3 & A4:
  - 4"-10" (all sizes), 12"-60" (even sizes only)
  - A1 & A2 are greater than or equal to A3 & A4
  - A3 is greater than or equal to A4
  - $S = 2''$
  - $H = 4''$
  - $L = A3 + 4''$

### Gasket 45° Lateral Cross (GCROSL)

![](gasket_45_lateral_cross.png)

**Key (GCROSL)**
- Sizes Available for A1, A2, A3 & A4:
  - 4"-10" (all sizes), 12"-60" (even sizes only)
  - A1 & A2 are greater than or equal to A3 & A4
  - A3 is greater than or equal to A4
  - $S = 2''$
  - $H = 4''$
  - $L = (A3 \times 1.414) + 4''$
The EDGE® – Product Specifications

Gasket Reducing Conical Cross (GRCC)

Gasket Reducing Straight Cross (GRCS)

Gasket Reducing 45° Lateral Cross (GRCL)

Key (All)
Sizes available for A1, A2, A3 & A4:
4” - 10” (all sizes), 12” - 60” (even sizes only)
A1 is greater than A3 & A4 (= 2” min.)
A2 is less than A1
A3 is greater than or equal to A4
S = 2”
H = 4”
X = A1 - A2 (4” minimum)

Key (GRCC)
L = A3 + 4”

Key (GRCS)
L = A3 + 4”

Key (GRCL)
L = (A3 x 1.414) + 4”
LoPro High Efficiency Take-off

Our LoPro High Efficiency Take-off is fabricated from 24 gauge G90 galvanized steel. This product is made with a low profile design to save room when installing on flat duct and to capture maximum air flow. The connection is The EDGE® self-sealing gasket which has been tested in accordance with SMACNA’s Air Duct Leakage Test Manual and meets SMACNA Class 3 leakage standards. Products come standard with a peel-and-stick on the base.

### (GLPHET) No Damper

![Diagram of LoPro High Efficiency Take-off without damper]

### (GLPHETD) Standard Damper 5/8” Hardware

![Diagram of LoPro High Efficiency Take-off with standard damper and 5/8” hardware]

### (GLPHETD2S) Standard Damper 5/8” Hardware with 2” Extension Kit

![Diagram of LoPro High Efficiency Take-off with standard damper and 5/8” hardware with 2” extension kit]

### (GLPHETDHD) Heavy Duty 2” Stand-off Locking Balancer Damper

![Diagram of LoPro High Efficiency Take-off with heavy duty 2” stand-off locking balancer damper]

#### Dimensions

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## Gasket Boot/Shoe Tap (GBTP)

### Key (GBTP)

- \( A_1 = 4" - 10" \) (all sizes), \( 12" - 60" \) (even sizes only)
- \( A_2 \) is greater than or equal to \( A_1 \)
- \( S = 2" \)
- \( H = 2" \)

### Options

Available with damper installed

---

* Field installed fitting