### Cush-A-Clamp®

All pipe and tube series above 1⁄4" are furnished without the controlled-square stud bolt. These sizes feature a threaded stud securely fastened to one clamp half.

Tube sizes are Cushion size and clamp size.

Ordering Cush-A-Clamps:
1. Pipe or tube size.
2. Cushion size.
3. Clamp size.

**CUSH-A-CLAMP®**

<table>
<thead>
<tr>
<th>Cushion Size</th>
<th>Clamp Size</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1⁄4&quot;</td>
<td>3⁄8&quot;</td>
<td>A: 0.84 B: 1.61 C: 2.38 D: 3.15</td>
</tr>
<tr>
<td>3⁄8&quot;</td>
<td>1⁄2&quot;</td>
<td>A: 1.31 B: 2.05 C: 2.80 D: 3.53</td>
</tr>
<tr>
<td>1⁄2&quot;</td>
<td>5⁄8&quot;</td>
<td>A: 1.80 B: 2.50 C: 3.25 D: 4.00</td>
</tr>
<tr>
<td>5⁄8&quot;</td>
<td>3⁄4&quot;</td>
<td>A: 2.30 B: 3.00 C: 3.75 D: 4.50</td>
</tr>
<tr>
<td>3⁄4&quot;</td>
<td>1&quot;</td>
<td>A: 2.80 B: 3.50 C: 4.25 D: 5.00</td>
</tr>
</tbody>
</table>

**Cush-A-Clamp**

- Cushion size and clamp size.
- Cushion identifies the cushion size and clamp size.
- Cushion is identified and packaged for small lot or bulk use.

**Omega and U-Bolt**

Ordering Cush-A-Clamp, Omega and U-Bolt:
1. For the complete Unistrut product line, consult our website...

**Example: 1⁄4" x 3⁄8"**

- Cushion size: 0.84 in
- Clamp size: 2.17 in
- Cushion size to clamp size: 0.33 in

**Controlled Squeeze Shoulder Bolt**

- Tube O.D. is Cushion I.D. All parts are marked for easy identification and packaged for small lot or bulk use.

**Omega Series**

- Omega and U-Bolt series–004T008
- Omega and U-Bolt series–009N012

**U-Bolt Series**

- 1⁄2" to 8"
- 8" to 12"

**Dimensions Chart**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Tube O.D. (in)</th>
<th>Shoulder Diameter (in)</th>
<th>Shoulder Thread (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UB1PA</td>
<td>1.00</td>
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<td>UB2PA</td>
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<td>UB3PA</td>
<td>2.00</td>
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<td>0.12</td>
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<tr>
<td>UB4PA</td>
<td>2.50</td>
<td>0.62</td>
<td>0.12</td>
</tr>
<tr>
<td>UB5PA</td>
<td>3.00</td>
<td>0.75</td>
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**Manufacured in the USA**

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** ToolStrip**

- 4205 Elizabeth
- Wayne, MI 48184
- Phone: 900-521-7730
- Fax: 734-721-4106
- www.unistrut.com

**Focus on**

- Cushioning & Clamping Products

**Unistrut**

- The Original Metal Framing System

For the complete Unistrut product line, consult our website...
About the Products

When installing fluid or gas conduction pipe, tube, or hose, the effects of vibration, shock, surge, temperature, and unwanted noise are a major concern. Improperly clamped pipe, tube, or hose invite line failure and potential problems. New developments in cushioned clamping from Unistrut provide a proper clamping system to combat these effects, presently used in such industries as:

- Refrigeration
- Fluid Power
- Machine Tool
- Pulp and Paper
- Power Plants
- Marine
- Agricultural
- Robotics
- Paint Systems
- Communication
- Instrumentation
- Mining
- Construction
- Food Processing
- Refineries
- Transportation
- Other Industries

Cush-A-Clamp® is at home in the plant or in the field, in OEM design or retrofit and repair installations. When your design requires pipe, tube, or hose, Unistrut offers a practical and proven method to battle the effects of vibration, shock, surge, electroplastics, abrasion, expansion and contraction.

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Vibration... Shock... Surge... Expansion & Contraction... Noise... Insulation

U-BOLT SERIES

U.S. PATENT No. 4,934,635—4,997,148—5,014,940

Designed for the tough jobs, the U-BOLT SERIES secures pipe runs to any flat surface. Provides total load distribution, allowing the U-BOLT to become a full-contact hanger instead of a knife edge.

The Cushion—

A rugged performer molded of a thermoplastic elastomer, the cushion withstands the effects of most oils, chemicals and cleaning compounds. In temperatures from -50°F to 300°F. A Living Hinge allows the cushion to be spread apart for quick, easy installation.

The Clamp—

A steel U-BOLT (with electro-galvanized finish) traps and secures the cushion in place to prevent lateral movement, while nylon-insert nuts provide a positive lock. Clamps are available in steel (with electro-galvanized or electrochromate finish), and stainless steel.

Manufactured from a thermoplastic elastomer, it’s built tough to withstand the effects of most oils, chemicals and industrial cleaning compounds, in temperatures from -50°F to 300°F. A patented “Living Hinge” allows the cushion to be spread apart for quick, easy installation. Interlock edges and channel locator legs ensure that the cushion remains in place.

CUSH-A-CLAMP®

U.S. PATENT No. 4,934,635—4,997,148—5,014,940

Features a unique shoulder stud which is securely fastened to one clamp half. This “controlled-squeeze” design eliminates over-stretching and rotation while a nylon-insert nut ensures a positive lock. Clamps are available in steel (with electro-galvanized or electrochromate finish), and stainless steel.

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Wide size range—

Available in tube sizes from 1⁄4” to 61⁄8”, pipe sizes from 1⁄4” to 6”. Special sizes available—call Unistrut.

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#### About the Products

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#### Cush-A-Clamp®

**U-BOLT SERIES**

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- **The Clamp**
  - A steel U-BOLT (with electro-galvanized finish) traps and secures the cushion in place to prevent lateral movement, while nylon-insert nuts provide a positive lock.

- **Wide Size Range**
  - Available in tube sizes from 1/8" to 6", pipe sizes from 1/4" to 2". Special sizes available—call Unistrut.

- **The Cushion**
  - Manufactured from a thermoplastic elastomer, it’s built tough to withstand the effects of most oils, chemicals and industrial cleaning compounds, in temperatures from -50°F to 300°F. A “Living Hinge” allows the cushion to be spread apart for quick, easy installation. Interlock edges and channel locator legs assure that the cushion remains in place.

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- **Vibration… Shock… Surge… Expansion & Contraction… Noise… Insulation**

#### Omega Series

**Omega Series**

**U.S. Patent No. 4,934,635—4,997,148**

- Attaches with two standard fasteners to any flat surface, machine frame, structural frame, machinery walls, etc. They go on fast, lines are tight and look neat.

- The Cushion — Manufactured from a thermoplastic elastomer, it’s built tough to withstand the effects of most oils, chemicals and industrial cleaning compounds, in temperatures from -50°F to 300°F.

- **Wide Size Range**
  - Available in tube sizes from 1/16" to 6". Pipe sizes available—call Unistrut.

- **Installation**
  - One person, one tool gets the job done in a fraction of the time. Retrofit can be added without disassembling your present system.

- **Design**
  - Ideal for the tough jobs, the Omega Series secures pipe and tube to any flat surface. Provides total load distribution, allowing the Omega to become a full-contact hanger instead of a knife edge.

- **Expanse of Use**
  - Designed for applications where the effects of vibration, shock, surge, temperature and unwanted noise are a major concern. Improperly clamped pipe, tube, or hose invite line failure and potential problems. New developments in cushioned clamping from Unistrut provide a proper clamping system to combat these effects, presently used in such industries as:

- **Refrigeration**
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- **Robotics**
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- Mining
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About the Products

Vibration... Shock... Surge... Expansion & Contraction... Noise... Insulation
# Ordering Information

**CUSH-A-CLAMP**

All pipe and tube series above 1/2” are furnished without the controlled-square dielectric bolt. These sizes feature a threaded stud securely fastened to one clamp half. Tube-O.D. is Cushion Size. All parts are marked for easy identification and packaged for small lot or bulk use. Part Numbers are “cabled” to designate Tube or Pipe series, cushion size and clamp size.

**EXAMPLE**

Pipe Series – 004T008

<table>
<thead>
<tr>
<th>Nom. (in)</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8</td>
<td>1.00</td>
<td>1.00</td>
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<tr>
<td>5/32</td>
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<td>0.46</td>
<td>0.46</td>
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<tr>
<td>3/32</td>
<td>0.62</td>
<td>0.62</td>
<td>0.35</td>
<td>0.35</td>
</tr>
</tbody>
</table>

**UNISTRUT**

From the complete Unistrut product line, consult our website...

4205 Elizabeth
Wayne, MI 48184
Phone: 800-521-7730
Fax: 734-723-4106
www.unistrut.com

Manufactured in the USA

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---

**Pipe Series**

<table>
<thead>
<tr>
<th>Nom. (in)</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
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<tr>
<td>1/8</td>
<td>1.00</td>
<td>1.00</td>
<td>0.50</td>
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</tr>
<tr>
<td>5/32</td>
<td>0.87</td>
<td>0.87</td>
<td>0.46</td>
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<td>3/32</td>
<td>0.62</td>
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<td>0.35</td>
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</table>

**OMEGA SERIES**

<table>
<thead>
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<th>Part Number</th>
<th>A</th>
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<th>C</th>
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<tbody>
<tr>
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<td>3/4</td>
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</table>

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**U-BOLT SERIES**

<table>
<thead>
<tr>
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<th>B</th>
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<tr>
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<tr>
<td>5/32</td>
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</tr>
<tr>
<td>3/32</td>
<td>0.62</td>
<td>0.62</td>
</tr>
</tbody>
</table>

---

**Dimensions**

- **A**: Outside Diameter
- **B**: Inside Diameter
- **C**: Height
- **D**: Width

---

**Cush-A-Clamp**

Cushioning & Clamping Products
### Ordering Information

**CUSH-A-CLAMP®**

All pipe series and tube series above 13⁄4" are furnished without the controlled-squeeze doulble bolt. These sizes feature a threaded stud securely fastened to one clamp half. Tube O.D. is Cushion I.D. All parts are marked for easy identification and packaged for small lot or bulk use. Part Numbers are "coded" to designate Tube or Pipe series, cushion size and clamp size.

**Part Numbers**
- **Cush-A-Clamp®**
- **Threaded Stud Securely Fastened to One Clamp Half**
- **Controlled-Squeeze Shoulder Bolt**
- **These Sizes Feature a Threaded Stud Securedly Fastened to One Clamp Half**
- **Tube O.D. is Cushion I.D.**
- **All Parts Are Marked for Easy Identification and Packaged for Small Lot or Bulk Use**
- **Part Numbers Are "Coded" to Designate Tube or Pipe Series, Cushion Size and Clamp Size.**

#### Cush-A-Clamp Assembly Part Number

- **Cush-A-Clamp®**
- **Threaded Stud Securely Fastened to One Clamp Half**
- **Controlled-Squeeze Shoulder Bolt**
- **These Sizes Feature a Threaded Stud Securedly Fastened to One Clamp Half**
- **Tube O.D. is Cushion I.D.**
- **All Parts Are Marked for Easy Identification and Packaged for Small Lot or Bulk Use**
- **Part Numbers Are “Coded” to Designate Tube or Pipe Series, Cushion Size and Clamp Size.**

**Example:**
- **Tube Series:** 004T008
- **Pipe Assembly:** 00 (Cushion Size 4⁄16"=1⁄4")
- **08 (Clamp Size 8⁄16"=1⁄2")
- **Tubing Assembly**

**Ordering Cush-A-Clamp, Omega and U-Bolt Series assemblies is fast and easy. Refer to the installation chart, select your specific application, then order the appropriate assembly part number.**

<table>
<thead>
<tr>
<th>Cush-A-Clamp®</th>
<th>Part Number</th>
<th>Dimensions (inches)</th>
<th>Weight (lbs)</th>
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</thead>
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<td>B</td>
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</table>

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**UNISTRUT**

**Cushioning & Clamping Products**

**Unistrut**

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Cleveland OH 44145
(440) 368-9480
www.unistruttohio.com

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