

## Vibration-Dampening Pipe Clamps

Behringer's vibration-dampening pipe clamps are manufactured in different series for use in many different applications. The core range of pipe clamps encompasses Standard Series, Heavy Series, and Twin Series. They meet ASTM, Shipbuilding, Nuclear, Coast Guard, and other specifications.

In addition to these main types of pipe clamps, Behringer also manufactures other clamping components and hardware. For large diameter pipes, Behringer's patented Heavy Four Series offers unparalleled performance in securing and vibration dampening, as well as electrical isolation of piping from support structure. We offer plastic saddle clamps and U-bolts as well. Behringer has its roots in the metal fabrication business and we can easily manufacture customer-specific fabricated metal or injection molded products. We currently manufacture many other items for OEMs that are specially designed for that specific customer. We work closely with key personnel in the research and design stages and can make prototypes in a very short time. Let us know what we can do for you.



### Heavy Series Pipe Clamps

**Range:** 0.25 in. (6.4 mm) through 8.625 in. (219 mm)

**Pressure:** 5,000 to 10,000 psi

**Material:** Plain Carbon Steel, 304SS, 316SS, Zinc Plated

**Clamp Halves:** Polypropylene, Santoprene, Aluminum

Heavy series pipe clamps can withstand the shock and vibration that a hydraulic system operating at up to 5,000 psi can deliver. With the use of our Double Heavy design, lines with operating pressure of up to 10,000 psi can be accommodated. Standard hardware material is plain carbon steel. Also available from stock are 304SS and 316SS hardware. The heavy series can be mounted using a weld plate, rails, and stacking kits. Many other options are possible with existing hardware and custom arrangements are always a possibility.



### Standard Series Pipe Clamps

**Range:** 0.25 in. (6.4 mm) through 4 in. (102 mm) OD

**Pressure:** 2,000 psi maximum

**Material:** Zinc Plated, 304SS, 316SS, Plain Carbon Steel

**Clamp Halves:** Polypropylene, Santoprene, Aluminum

Standard series pipe clamps can withstand the shock and vibration that a hydraulic system operating at up to 2,000 psi can deliver. Standard hardware material is zinc plated steel, unless otherwise noted. Also available from stock are 304SS and 316SS hardware. The standard series is offered in a multitude of configurations, such as weld-mounting, bolt-mounting, rail mounting, stacking, double weld-mounting, and group weld-mounting. Many other options are possible with existing hardware and custom arrangements are always a possibility.



### Twin Series Pipe Clamps

**Range:** 0.25 in. (6.4 mm) through 1.66 in. (42 mm)

**Pressure:** 1,500 psi maximum

**Material:** Zinc Plated, 304SS, 316SS, Plain Carbon Steel

**Clamp Halves:** Polypropylene, Santoprene

The twin series is an excellent choice where multiple lines are required, while keeping a close center distance between the lines. Twin series pipe clamps can withstand the shock and vibration that a hydraulic system operating at up to 1,500 psi can deliver. Twin series hardware material is zinc plated steel. Also available from stock are 304SS and 316SS hardware. The twin series can be mounted using a weld plate, rails and stacking kits. Many other options are possible with existing hardware and custom arrangements are always a possibility.

## Pipe Clamps



### Heavy 4 Series Pipe Clamps

**Range:** 8.625 in. (219 mm) through 30 in. (762 mm) OD  
**Pressure:** 5,000 psi to 10,000 psi  
**Material:** Plain Carbon Steel, 304SS, 316SS, Zinc Plated  
**Clamp Halves:** Polypropylene  
Others on request

Behringer's patented Heavy 4 Series pipe clamps are unrivaled in design and performance. Our clamps feature a unique 4-segmented plastic design which retains dimensional accuracy, resists stress and impact, absorbs vibration, and accomplishes a strong plastic-to-metal contact interface. This segmented plastic design is complemented by substantial steel support hardware.

Heavy 4 Series pipe clamps can withstand the shock and vibration that a hydraulic system operating at up to 5,000 psi can deliver and with the use of our double heavy design they can accommodate lines with pressures up to 10,000 psi. Standard hardware material is a low carbon steel. Also available are 304SS and 316SS as well as zinc plated hardware. The Heavy 4 Series is only offered as a weld mounted clamp.



### Cushioned Pipe Clamps

**Range:** 0.25 in. (6.4 mm) through 6.625 in. (168 mm) OD  
**Pressure:** Low pressure  
**Material:** Zinc Plated, 304SS, 316SS  
**Clamp Insert:** Thermoplastic Elastomer

Behringer's new line of cushioned clamps are designed for low pressure applications such as conduit, water, waste and other non or low pressure lines. They easily mount to standard strut channels that are available in many industrial and mobile applications. The standard hardware material is zinc plated steel. Also available are 304SS and 316SS. The cushion is manufactured from a thermoplastic elastomer material that is designed to reduce vibration and noise, while providing constant reliability in operating temperatures to 275° F.



### Saddle Series Pipe Clamps

**Range:** 0.84 in. (21 mm) through 30 in. (762 mm)  
**U-Bolt Material:** Zinc Plated, 304SS, 316SS, Plain Carbon Steel  
**Saddle Material:** Polypropylene, UHMW

The Saddle Series pipe clamps consist of a heavy duty plastic saddle, and a U-bolt with 4 hex nuts. The saddle series allows for movement due to vibrations and thermal expansion and contraction. The plastic saddle eliminates the metal-to-metal contact of the piping from the support structure, preventing costly damage to pipe installations. Behringer's Saddle Series clamps are typically used in shipbuilding, offshore and marine vessels, chemical plants, or where ever large diameter, low pressure piping is installed. Behringer's saddle clamps are available in 2 different designs; Long Saddle and Short Saddle. The Long Saddle (shown above) extends past the u-bolt legs and has holes for the legs to be inserted into. The Short Saddle does not extend to the u-bolts and sits on the support structure or is held in place with location nipples.



### Custom Pipe Clamps

**Range:** Any  
**Pressure:** Any  
**Material:** Any  
**Clamp Insert:** Any

Customization is an easy task for Behringer's vast experience in custom metal fabrication and injection molding. If you have ideas about a custom-made product, we can easily and quickly take concepts and turn them into prototypes and ultimately production items. Behringer currently manufactures custom products for major OEM manufacturers in the mobile, offshore, industrial and construction markets. Some custom items are a variation of a standard item and others are completely different from our cataloged items. Let Behringer work for you to help resolve any of your fastening or clamping requirements.