

Anti-vibration products



Field-proven solutions to reduce vibration

Anti-vibration clamp

Applications:

- Hold-down clamps for piping in vibration service
- Sizes from NPS 2" (DN 50) to NPS 42" (DN 1050)

Features:

- Less vibratory loosening with more **bolt stretch** compared to traditional pipe clamps.
- PTFE liners are available to allow axial and lateral pipe movement due to **thermal expansion**.
- Available with **ThermaGlide™** ST hardware to allow for lateral displacement.



Models:

- CL-1 (standard)
- CL-1-T (PTFE lined, axial sliding)
- CL-1-ST (lateral sliding hardware)
- CL-1-T-ST (PTFE lined, axial and lateral sliding hardware)

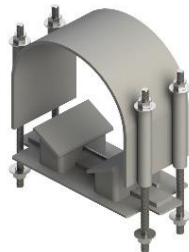
Anti-vibration wedge clamps

Applications:

- Hold-down clamps for piping in vibration service
- Sizes from NPS 6" (DN 150) to NPS 42" (DN 1050)

Features:

- Less vibratory loosening with more bolt stretch compared to traditional pipe clamps.
- Variable height adjustment
- Easy inspection of under-pipe corrosion
- Available with **DamperX™** technology
- Available with **ThermaGlide™** ST hardware for lateral displacement.



Models:

- | | |
|--------------|------------------|
| • WCL-1 | • WDCL-1-HD |
| • WCL-1-T | • WDCL-1-HT |
| • WCL-1-ST | • WDCL-1-HT-T |
| • WCL-1-T-ST | • WDCL-1-HT-T-ST |

DamperX™ clamp

Applications:

- Hold-down clamps with damping for superior resonant vibration control.
- Sizes from NPS 2" (DN 50) to NPS 42" (DN 1050)

Features:

- Same features as the **Anti-vibration clamp**, but with additional resonant vibration damping due to the liner and wear pad made of **DamperX™** viscoelastic material.
- Reduces vibration by **40% to 90%** compared to regular clamps.
- Allows for axial pipe movement due to **thermal expansion** when lined with PTFE.
- Available with **ThermaGlide™** ST hardware for lateral displacement.
- Standard temperature (**HD**): 1°F to 140°F (-17°C to 60°C)
- High temperature (**HT**): 15°F to 400°F (-9°C to 204°C)



Models:

- DCL-1-HD (standard temperature)
- DCL-1-HT (high temperature)
- DCL-1-HT-T (high temperature and axial slide)
- DCL-1-HT-T-ST (high temperature, axial and lateral slide)

Anti-vibration pipe shoe

Applications:

- Pipe shoe for insulated piping in vibration service
- Sizes from NPS 1" (DN 25) to NPS 42" (DN 1050)

Features:

- Facilitates thermal pipe expansion while preserving the integrity of **pipng insulation**.
- **Patented hardware** allowing axial and lateral pipe movement due to thermal expansion.



Models:

- CL-8 (standard)
- CL-8-T (axial sliding)
- CL-8-ST (lateral sliding)
- CL-8-T-ST (axial and lateral sliding)

Contact

To learn more and place an order, please reach out to our dedicated products team: products.vdn@woodplc.com

Call: +1 800 561 2382 (North America), +1 281 647 8492 (US), +44 797 635 0830 (UK), +60 13 727 4011 (SE Asia)

Anti-vibration products



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DamperX™ vibration absorber

Applications:

- Reduces vibration on piping, vessels, equipment, and small-bore connections when adding support is difficult.
- Effective on vibrations from 7 Hz to 150 Hz and equipment weights up to 9000 lb (4080 kg)

Features:

- **Cost-effective** compared to bracing and structural modifications.
- Field adjustable if operating conditions change.
- **No maintenance required.**
- It can be installed during the operation.
- Attached to piping, vessels, equipment, or small-bore connection using band clamp or custom hardware.



Models:

- DVA (effective for single-frequency, fixed-speed machines)
- DVA-XD (designed for wide-frequency, variable-speed machines)

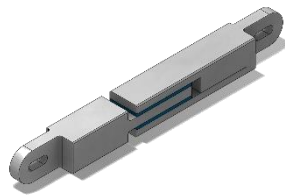
DamperX™ brace

Applications:

- **Reduces resonant vibration** on piping, vessels, equipment, and small-bore connections.
- Works across a wide frequency range and is ideal for variable-speed machinery.
- Effective on vibrations from **5 Hz to 150 Hz**, and equipment weights up to 9000 lb. (4080 kg)

Features:

- Superior resonant vibration reduction compared to standard bracing.
- Adds vibration damping with **DamperX™** viscoelastic material.
- Constructed using aluminum or stainless steel.
- **Easy installation**
- Most effective when used in conjunction with a design study and/or field audit.



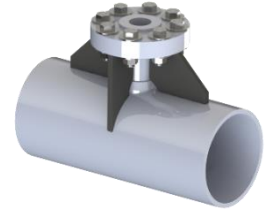
DamperX™ Fins

Applications:

- Custom-cut **DamperX™** material for effective vibration reduction on small-bore connections
- Branch connection sizes ¾" (DN 20) to 8" (DN 200)
- Temperature range of 1°F to 140°F (-17°C to 60°C)

Features:

- Fast installation for minimal downtime and **no welding required.**
- Custom cut to your application
- Reduces vibration between **40% to 90%**



DamperX™ small-bore clamp

Applications:

- Hold-down small bore clamps with damping for superior resonant vibration control
- Sizes from NPS 1/2" (DN 15) to NPS 1.5" (DN 40)
- Temperature from 15°F to 400°F (-9°C to 204°C)

Features:

- Same features as **DamperX™** clamps designed for small-bore piping.
- Reduces vibration by **40% to 90%** compared to regular clamps.



Models:

- DCL-2-HT

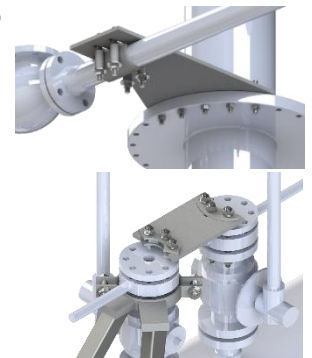
Custom braces

Applications:

- Custom-engineered braces for piping and equipment in vibration service
- Sizes from NPS 1/2" (DN 15) to NPS 42" (DN 1050)

Features:

- **Custom** braces designed per client verified dimensions.
- Can include **DamperX™** when dapening is required
- Designed, fabricated, and shipped to site.
- Hardware and installation instructions included.



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