



[www.westatlantictech.com](http://www.westatlantictech.com) / [www.pipelinecoupling.com](http://www.pipelinecoupling.com)

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902 455 4455



# FORGED HIGH PRESSURE MONOLITHIC CLAMPS

## High pressure solid clamps for standard pipe sizes and custom diameters

Monolithic Solid clamps are designed for ANSI 1500/2500 rated Pipelines. Standard diameters are 1/2" to 16". Other custom diameters are available.

Monolithic clamps have an integral Shell & Stiffener without welding.

Provide us your conditions - Pressure, Temperature, Fluid - and we will recommend the proper seal is Viton(FKM) /Buna-n(NBR).

Clamp can be Provided with SS Protective Sheet. Solid Clamp incorporate steel Rings to hold seal in place during installation. Available from stock in standard sizes 1/2" through 16". Larger or special sizes, higher temperature and pressure ratings available on application.

Solid Clamps are installed by placing the halves around a pipe and the studs and nuts close the two halves together to compress the seal.

Maximum temperature rating for the standard Solid Clamp is 200°C.



Size Range	1/2" to 16" Nominal diameter and above Branch Dia: 2" to RunPipeDia
Class Ratings	ANSI 1500 to ANSI 2500 (May be used on lower rating Pipelines)
Design Code	ASME Sec. VIII Div. 1 / ASME Sec. VIII Div. 1 with 'U' Stamp ASME Sec. VIII Div. 2 / ASME Sec. VIII Div. 2 with 'U' Stamp
Clamp Orientation	Horizontal / Vertical / Angular / Bend
Material	ASTM A350 LF2 / ASME    SA350 LF2 ASTM A105 / ASME    SA105 SA350 LF2, SA516 GR-70
Elastomeric Sealing	Nitrile, Viton, HNBR. Other Material Options Available on Request.
Overlay Seal Groove	316 Stainless Steel, Inconel 625 Weld Overlay or other materials to meet your specific requirements.
Accessories	Anode, Heat Insulation Cord, Girder Ring, Vent Plug, Hinges, Protective

**STUD & NUT COATING:** Galvanized, PTFE, XYLAN Coated

**NOTE: OTHER MATERIAL CAN PROVIDED ON REQUEST**

**Hydraulic Tensioner Compatibility Request to be Provided**

- Hydro test
- Load testing of Hook and Hinge
- Dimensional & Visual
- Painting Inspection
- NDT ( UT, MPI, LPT, Hardness )



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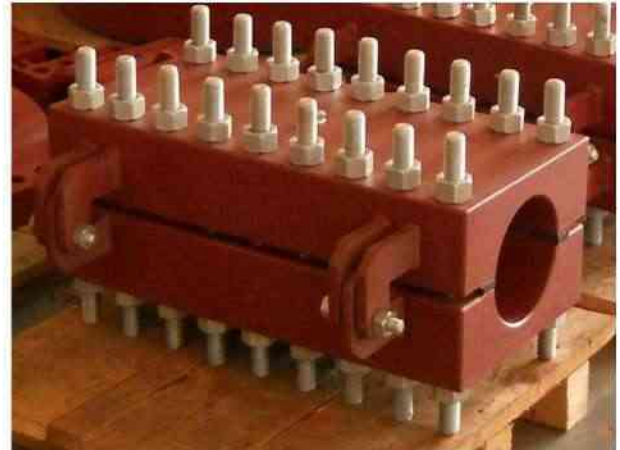
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Monolithic Solid clamps are used on pipes to stop leakage from the pipeline.

Monolithic Solid clamps are designed as per ASME sec VIII Div. 1 UG-17.

Monolithic Solid clamps are used on pipes as per ASME B 16.5 & 16.47, other custom sizes are available.



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