

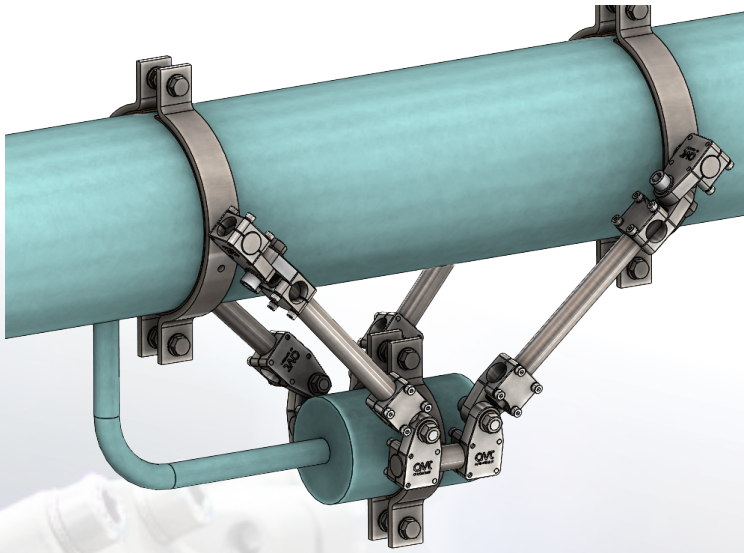
EASY-BRACE

A pipework vibration solution

Easy-Brace® - A universal SBC bracing system designed to provide an effective and economical permanent solution for reducing vibration and the risk of fatigue failures in process pipework.

Vibration induced fatigue is a major cause of pipework failure, in particular welded connections between 'Small Bore Connections' (SBCs) and 'main lines', which account for around 80% of all piping failures.

The most common retrofit solution is to fit bracing in accordance with the Energy Institute guidelines. Typically, SBC bracing designs are bespoke to each application.



Easy-Brace® is the first 'off the shelf' universal product that can be configured on-site for each application and is guaranteed to fit all standard SBC geometries.

- GUARANTEED TO PERFORM
- CLAMP-ON RETROFIT DESIGN
- SIMPLE TO SPECIFY & ORDER
- ENERGY INSTITUTE COMPLIANT
- FULL ANGULAR & LINEAR ADJUSTMENT
- OFF THE SHELF DESIGN CONFIGURED ON-SITE
- NO WELDING OR HOT WORK PERMIT REQUIRED
- VISCO-ELASTIC DAMPERS – SELECTION, SUPPLY, & INTEGRATION
- DYNAMIC VIBRATION ABSORBERS (DVA) (AKA TUNED MASS DAMPERS)

EASY-BRACE

UNIT 2, EASTER COURT, EUROPA BOULEVARD, WARRINGTON, CHESHIRE, WA5 7ZB

AVTRELIABILITY.COM



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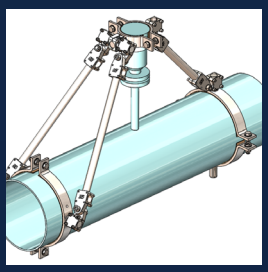
Proud Member of the AES Engineering Group.

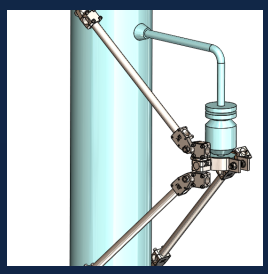
AES Engineering Group are a master distributor and stockist of the Easy-Brace® products with full access to the OEM design and technical team.

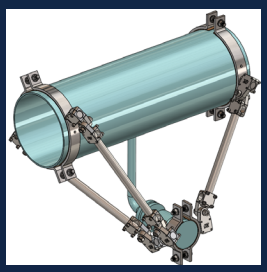
Specification

The standard Easy-Brace® product comprises:

- 2 (or 3) x standard split clamps (i.e. SBC flange and main line pipe)
- Split clamps of standard diameters between 60mm and 1000mm
- Optional U-Bolt adapter to clamp pipes from ½" to 1½" NPS
- Optional cross-bracing for increased stiffness
- Max SBC length L = 800mm
- Minimum arm length = 200mm
- Maximum pipe temperature 100°C (with standard Tico-S liner material)
- Most effective vibration frequency range 1-50Hz







Extensive global successes and case studies are available from some of the worlds largest companies as well as bespoke technical industries to ensure both your confidence and our commitment to ongoing support.

Need advice?
Contact our experts

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