WIRE MESH ISOLATOR

Vibration isolator made from compressed stainless steel wire mesh, designed to support marine exhaust systems.



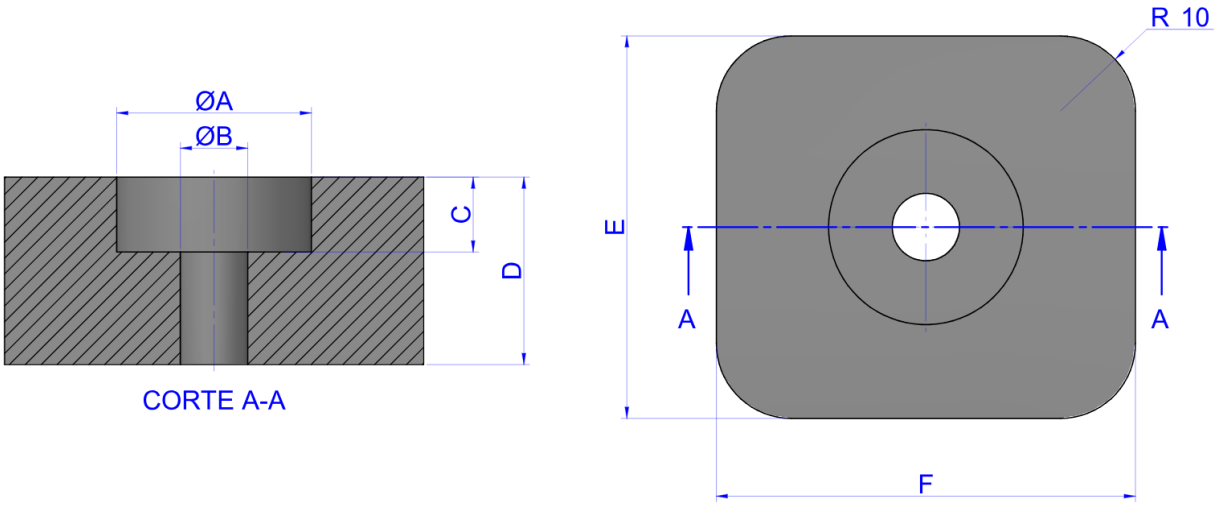
Its all-metal construction allows this isolator to be used in corrosive environments where conventional elastomeric isolators are unsuitable. It is primarily used at sliding support points in marine exhaust systems, at external locations such as the “rain cup”, and as an additional support for stainless steel piping. Its design combines stiffness and damping to reduce vibration transmission to the vessel’s structure, while allowing thermal expansion of the exhaust system to be accommodated through a suitable sliding arrangement.

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Drawings

Wire Mesh Isolator



Type	A(in)	B(in)	C(in)	D(in)	E(in)	F(in)	Code	Weight(lbs)
Wire Mesh Isolator	1.02	0.35	0.39	0.98	2.01	2.2	176904	0.03

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Technical characteristics

• **Corrosion resistance:** stainless steel wire mesh construction, suitable for applications where conventional elastomers have limitations.

• **Vibration damping:** internal friction between the metal wires dissipates part of the vibration energy.

• **Marine applications:** designed for marine exhaust systems, including external supports for the *rain cup* and stainless steel piping.

• **Typical applications:**

1. External supports for marine exhaust system *rain cups*.
2. Supports for stainless steel pipe sections.
3. Sliding support points designed to accommodate thermal expansion.
4. Exhaust systems requiring vibration damping and heat resistance.

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