

Wire Rope Isolators

Stainless steel wire rope isolators designed for vibration isolation and shock absorption in mobile applications and harsh environments.



AMC-MECANOCAUCHO® Wire Rope Isolators consist of a **stainless steel wire rope** combined with aluminum mounting elements, providing excellent resistance to corrosion and harsh environmental conditions.

Their design allows **large deflections in all directions**, combined with high damping, making them particularly suitable for **shock absorption** and reducing dynamic loads transmitted to equipment.

Unlike conventional elastomeric vibration isolators, Wire Rope Isolators can accommodate **large movements and high-amplitude shocks** while maintaining their suspension and vibration isolation functions.

They are particularly suitable for **mobile applications, onboard equipment, transportation systems, and industrial equipment** subjected to vibrations, repeated shocks, or harsh environmental conditions.



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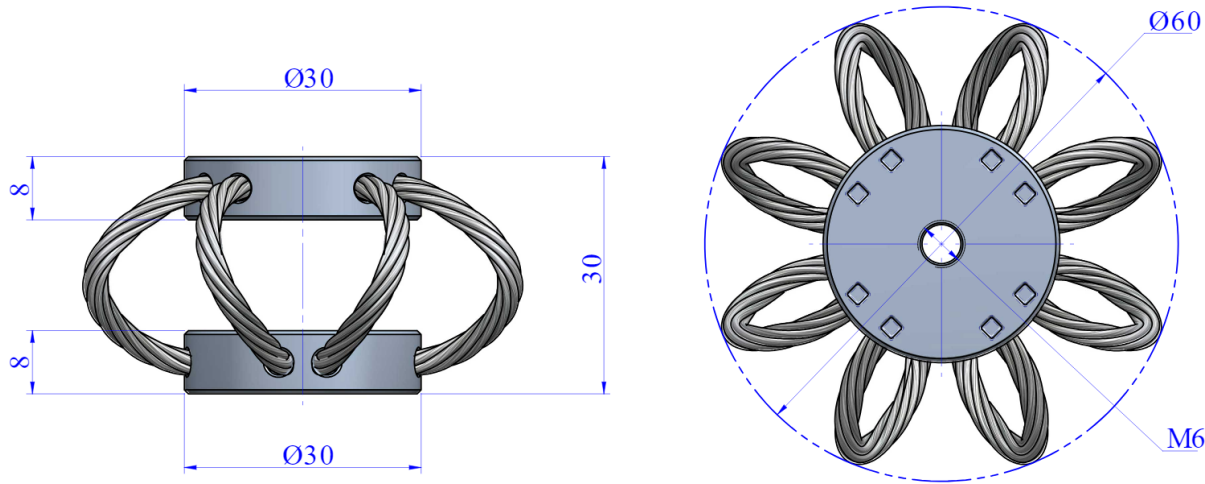
sales@amcsa.es



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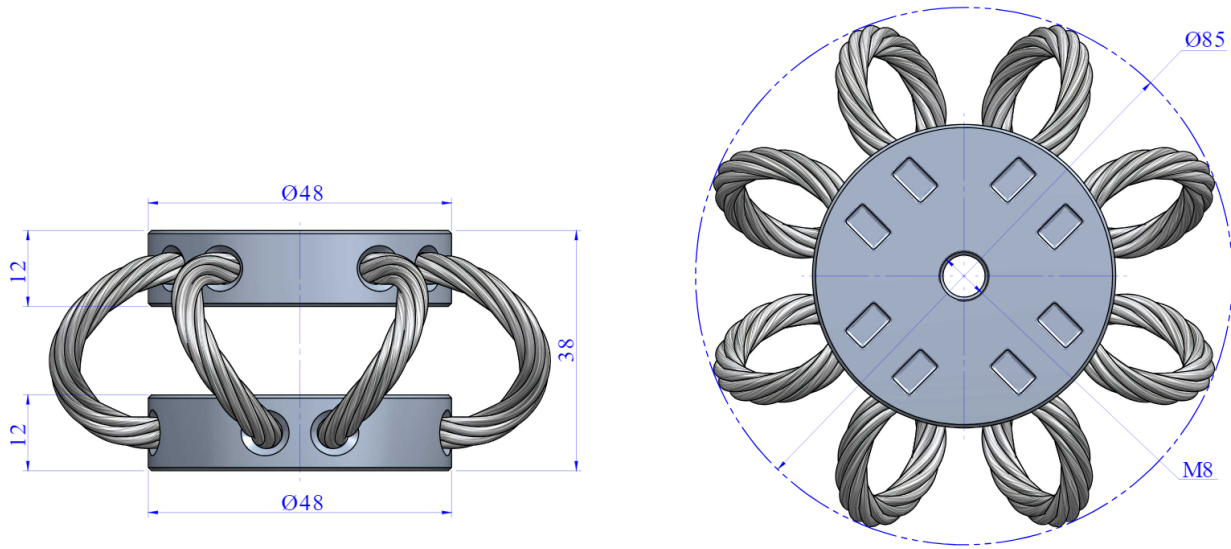
Drawings

TYPE A 30



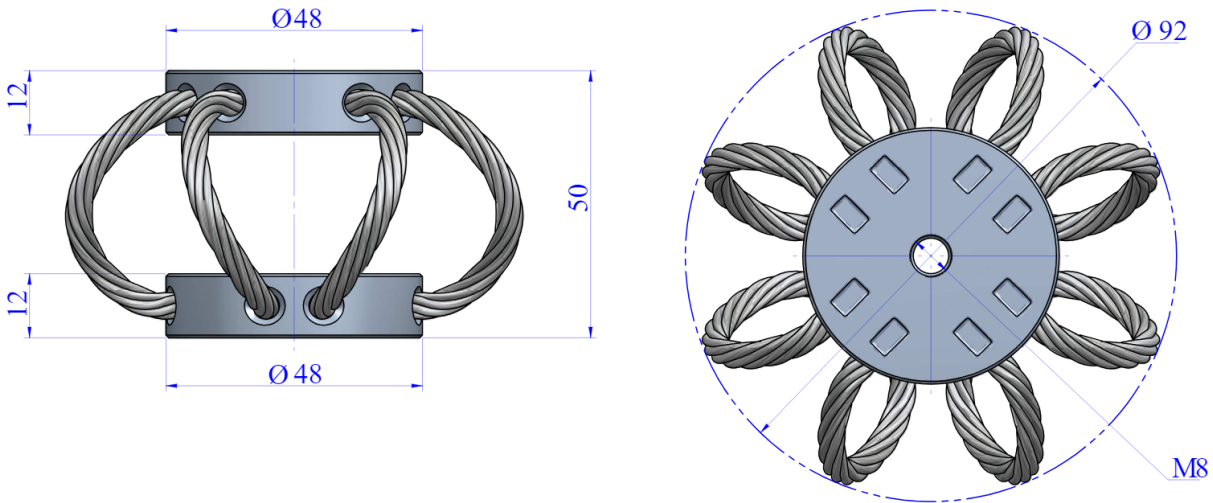
Type	Code	Max. static load (lb)	Maximum Total Load (N)
TYPE A 30	171200	13	150

TYPE A 48X38



Type	Code	Max. static load (lb)	Maximum Total Load (N)
TYPE A 48X38	171202	62	700

TYPE A 48X50



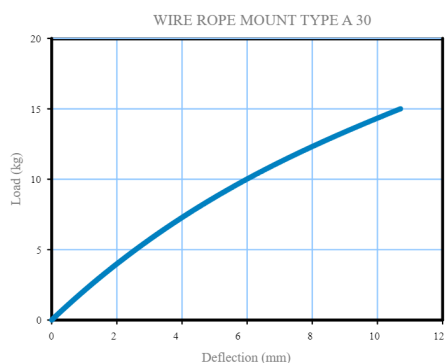
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TYPE A 48X50	171203	40	350

TYPE B

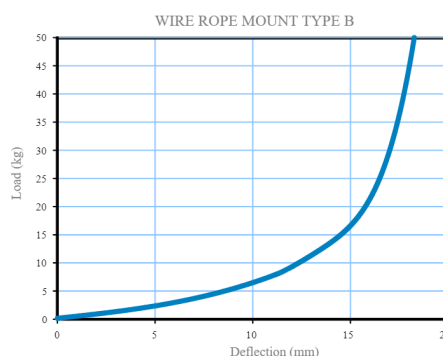
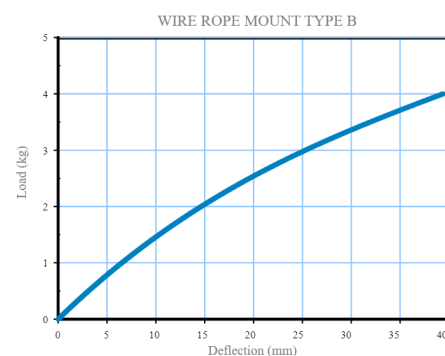
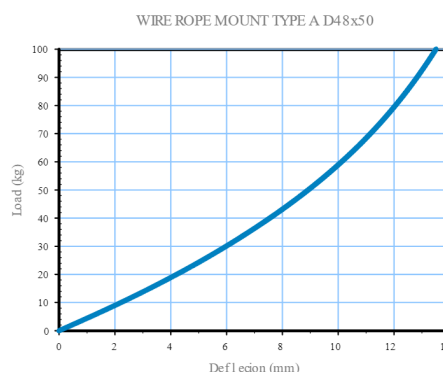
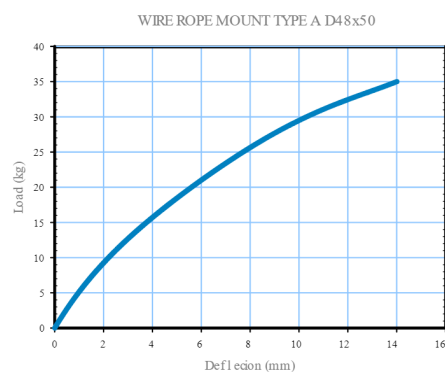
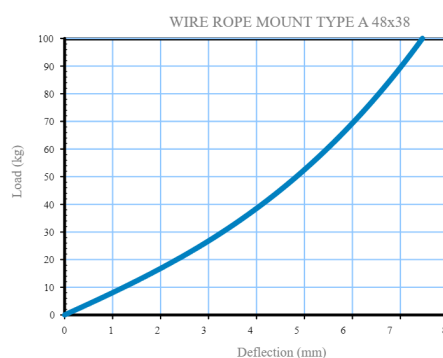
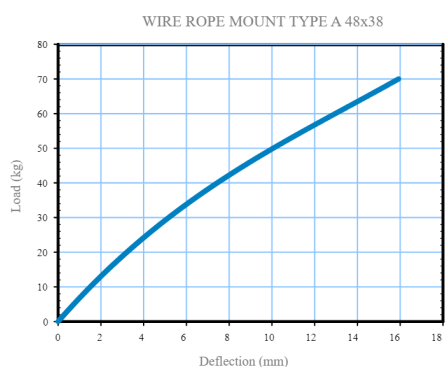
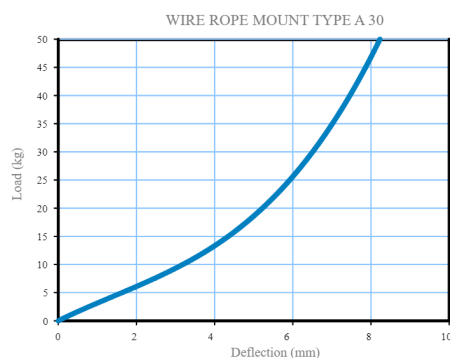
Type	Code	Max. static load (lb)	Maximum Total Load (N)
TYPE B	171201	4	40

Elastic properties

LOAD-DEFLECTION COMPRESSION CURVE



LOAD-DEFLECTION TENSION CURVE



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Technical characteristics

AMC-MECANOCAUCHO® **Wire Rope Mounts**, due to their low stiffness, are specially suitable for applications where small static loads are involved and high isolation level is required.

Moreover, these mounts assure the stability of the suspended equipment by limiting the deflection that can be achieved, both in compression and tension, as well as in radial direction. These features make **Wire Rope Mounts** suitable to be subject to shock inputs.

The materials in which these mounts are made protect the **Wire Rope Mounts** against aging and corrosion.