

Twin System Radial Wire Rope Mounts – ask for selection advice.

Highly effective shock & vibration mounts, key features include:

- Twin systems with one designed to focus on vibration while the larger system focusses on shock management.
- Static load is carried by the inner wire rope array which also manages vibration requirements (in compression)
- Larger outer wire rope array for shock management.
- Designed for MIL-STD 901 D requirements.
- Vibration: Natural frequency of ~ 8 Hz
 - Hull vibrations typically start above 10 Hz; these mounts offer near complete protection in the marine sector.
- Shock: Response frequency of 14 Hz
 - Shock deflections of 30-34mm
- Customised versions can be made for the land sector.
- Multi-directional, compact, and non-magnetic
- Male and Female mounting thread options.
- Highly reliable & long life with low aging (military applications normally replace after major shock events)
- Low transmissibility at resonance (lower than 3)
- Temperature range: -40°C to 120°C

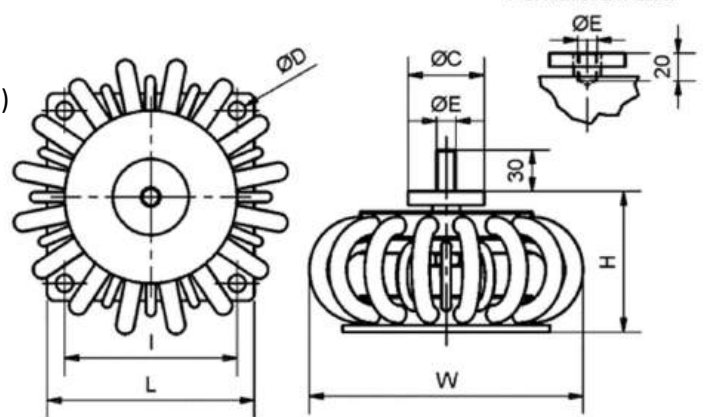


- Naturally high damping rates (compared to elastomers)
- Most models are available in a version designed for use as a stabiliser mount.

Materials:

- Cables: Stainless steel (316)
- Base and retaining discs: Stainless steel (304)
- Screws and inserts: Stainless steel
- Rubber covers: neoprene (CR).

Female thread



The loads given below are against suggested isolators resulting from MIL-STD 901 D shock tests. The mounts were positioned as base isolators (underneath the load) with vertical (compressive) shock loading.

Product	Load (Kg)		Dimensions (mm)							Product Weight
	Min	Max	H	W	L	I	C (Dia)	D (Dia)	E (Dia)	
V-AVAUD-170-90	14	19	90	170	125	105	50	10.5	M12	2.5
V-AVAUD-170-92	19	26	92							2.8
V-AVAUD-170-95	26	37	95							3
V-AVAUD-200-99	37	50	99	200	150	125	55	12.5	M14	4.4
V-AVAUD-200-100	50	65	100							4.4
V-AVAUD-200-101	65	81	101							4.5
V-AVAUD-200-102	81	100	102							4.6

Note: By default these items have a male thread on the top. Add "-F" at the end for the female thread variant.

Please contact us to validate product selections, or to optimise a solution