

Products

Wire Rope Isolators

This is only an overview of the range.
For full details on types, sizes, dimensions,
performance or full catalogue

please contact us

product overview

Helical



- All metal multidirectional modular wire rope mounts, combined shock and vibration isolation from 5Hz upwards
- Interface : 2 or 4 fixture points to equipment and foundation
- Exceptional reliability and long life, temperature range -180 +380 deg C
- Static loading per mount 0.1 to 5000 kg approx., damping ratio 15-25% to viscous.

Typical applications in the Defence, Aerospace, Nuclear, Oil research, Railways and Medical industries for transport and handling of delicate equipment under very severe climatic and/ or mechanical environment.

Half Helical



- Compact multidirectional modular metal wire rope mounts, combined shock and vibration isolation from 5Hz upwards
- Interface : 2 fixture points to equipment and foundation
- Exceptional reliability and long life, temperature range -180 +380 deg C
- Static loading per mount 0.1 to 2000 kg approx., damping ratio 15-25% to viscous.

Typical applications in the Defence, Aerospace, Nuclear, Oil research and Medical industries for transport and handling of delicate equipment under very severe climatic and/ or mechanical environment.

Polycal



- All metal multidirectional wire rope mounts, combined shock and vibration Isolation from 5Hz upwards
- Interface : 1 and 2 fixture points to equipment and foundation respectively
- Exceptional reliability and long life, temperature range -180 +380 deg C
- Static loading per mount 0.1 to 500 kg approx., damping ratio 15-25% to viscous.

Typical applications in the Defence, Aerospace, Nuclear, Oil research and Medical industries for transport and handling of delicate equipment under very severe climatic and/or mechanical environment.

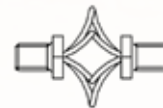
Spring Polycal



- All metal combined coil spring/ wire rope isolators, vibration isolation from 4.5 Hz upwards
- Interface : 1 and 2 fixture points to equipment and foundation respectively
- Exceptional reliability and long life, temperature range -180 +380 deg C
- Static loading per mount 0.5 to 2000 kg approx., damping ratio 5-10% to viscous.

Typical industrial applications for direct isolation of rotating/ vibrating machinery or passive isolation of sensitive equipment .

Axycal



- All metal multidirectional wire rope mounts, combined shock and vibration isolation from 15Hz upwards
- Interface : 1 fixture point to equipment and foundation
- Static loading per mount 0.01 to 2 kg approx., damping ratio 5-10% to viscous.

Typical applications in the Defence, Aerospace, Medical and Electronic industries for direct isolation of lightweight delicate equipment under severe climatic and mechanical environment.

Elastomer BFB



- Multidirectional elastomer mounts, combined shock and vibration isolation from 15Hz upwards, displacement under shock up to 30mm, oil and grease resitant.
- Interface : 1 and 2 fixture points to equipment and foundation respectively temperature range -30 +100 deg C
- Static loading per mount 15 to 120 kg approx., damping ratio 8-10% to viscous.

Typical applications in the Defence, Aerospace, Medical and Machinery industries for direct isolation of delicate equipment.

Elastomer BFC

- Multi-directional elastomer mounts, vibration isolation from 10 Hz upwards, displacement under shock up to 38m, oil and grease resistant
- Interface: 1 and 4 fixture points to equipment and foundation respectively
- Temperature range -30 +100 deg C
- Static loading per mount 25 to 1500 kg approx., damping ratio 8-10% to viscous.

Typical applications in the Defence, Aerospace, Medical and Machinery industries for direct isolation of delicate equipment.

Elastomer BFI

- Multidirectional elastomer mounts, combined shock and vibration isolation from 15Hz upwards, displacement under shock up to 50mm, oil and grease resistant
- Interface : 1 and 2 fixture points to equipment and foundation respectively
- Temperature range -30 +100 deg C
- Static loading per mount 10 to 130 kg approx., damping ratio 8-10% to viscous.

Typical applications in the Defence, Aerospace, Medical and Machinery industries for direct isolation of delicate equipment.

Elastomer BFL

- Multi-directional elastomer mounts, vibration isolation from 12 Hz upwards, displacement under shock up to 50 mm, oil and grease resistant.
- Interface: 1 and 4 fixture points to equipment and foundation respectively.
- Temperature range -30 +100 deg C
- Static loading per mount 4 to 12 kg approx., damping ratio 8-10% to viscous.

Typical applications in the Defence, Aerospace, Medical and Machinery industries for direct isolation of lightweight delicate equipment

Elastomer BF45

- Multidirectional elastomer mounts for Naval applications, combined shock and vibration isolation from 7Hz upwards, displacement under shock up to 55mm, oil and grease resistant
- Interface : 1 and 4 fixture points to equipment and foundation respectively
- Temperature range -30 +100 deg C
- Static loading per mount 30 to 1100 kg approx., damping ratio 5-8% to viscous.

Typical applications on Naval vessels for protection of non-deck mounted shipboard equipment against underwater shock and ship vibration.

Elastomer BFN45

- Multidirectional elastomer mounts for Naval applications, combined shock and vibration isolation from 7Hz upwards, displacement under shock up to 55mm
- Interface : 1 and 4 fixture points to equipment and foundation respectively
- Temperature range -30 +70 deg C
- Static loading per mount 30 to 1100 kg approx., damping ratio 3-5% to viscous.
- low dynamic stiffening coefficient (<1.4)

Typical applications on Naval vessels and submarines for protection of non-deck mounted shipboard equipment against underwater shock and ship vibration.

Naval Polycal



- Multi-directional equivalents to Admiralty X and Y mounts, vibration isolation from 5 Hz upwards
- Interface : 1 and 2 fixture points to equipment and foundation
- Exceptional reliability and long life, transmitted acceleration limited to 7 g, temperature range -180 +300 deg C
- Static loading per mount 10 to 450 kg approx., damping ratio 8-25% to viscous.

Typical applications on Naval vessels for protection of non-deck mounted shipboard equipment against underwater shock and ship.

Naval Half Helical



- Multi-directional equivalent to Admiralty X and Y mounts, vibration isolation from 5 Hz upwards
- Interface : 2 fixture points to equipment and foundation
- Exceptional reliability and long life, transmitted acceleration limited to 7 g, temperature range -180 +300 deg C
- Static loading per mount 10 to 450 kg approx., damping ratio 8-25% to viscous.

Typical applications on Naval vessels for protection of non-deck mounted shipboard equipment against underwater shock and ship vibration

Leaf Springs



- Multi-directional Admiralty X and Y mounts, vibration isolation from 5 Hz upwards
- Interface : 1 fixture point to equipment and foundation
- Transmitted acceleration limited to 15 g, temperature range -20 +40 deg C
- Static loading per mount 10 to 450 kg approx., damping ratio 8-25% to viscous.

Typical applications on Naval vessels for protection of non-deck mounted shipboard equipment against underwater shock and ship vibration.

helical mounts



half helical mounts



polycal mounts



spring polycal mounts



axycal mounts



elastomer mounts



naval mounts

