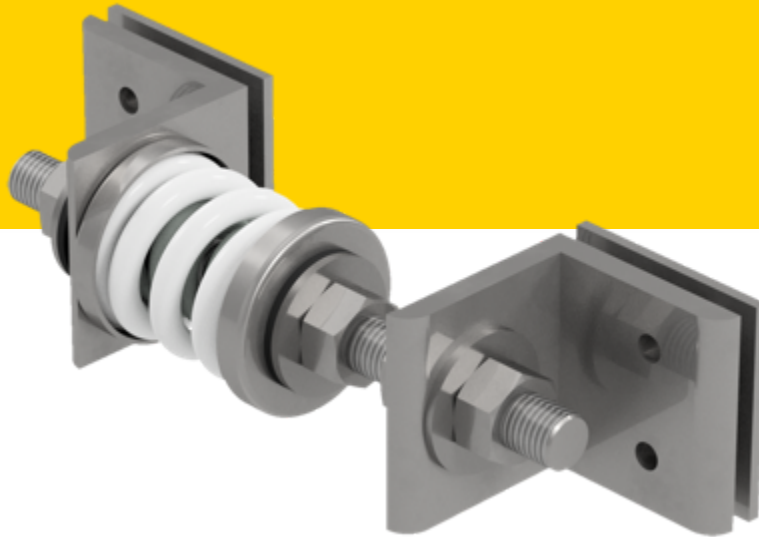




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RESTRAINT SNUBBERS & THRUST RESTRAINTS SEISMIC

TRK THRUST RESTRAINT

The TRK Series are horizontal thrust restraints that control excessive movement of air handling equipment and ductwork. These restraints are ideal for applications where large volumes of air movement or high starting torque occur.

The TRK Series are designed to prevent excessive movement of air handling equipment where the air thrust exceeds 10% of the unit weight. The horizontal thrust restraints are attached horizontally to the sides of air handling equipment at the point of connection between two components. The series consist of a steel housing containing a steel spring in series with an elastomeric pad. The restraint assemblies are pre-adjusted during manufacturing and do permit

additional adjustment in the field.

The TRK Series limit the motion resulting from high starting torque or air thrust to 1/4". The series is shipped with back up plates and hardware for attachment to both the equipment and to the duct work or structure.

FEATURES & BENEFITS

- Sturdy restraints provide stability and maintain noise and vibration isolation integrity
- Corrosion-resistant steel construction provides durability and long-life
- Steel spring in series with an elastomeric pad provides stability, rigidity and vibration isolation to the air handling system

APPLICATIONS

- Air handling units connected to any equipment including HVAC, fans and pumps

DOWNLOADS

Spec Sheets

[Spec Type 7 Thrust Restraints](#)

Submittal Drawings

[Model TRK 1C Kit 30-1040 lbs. Thrust restraint.pdf](#)

[Model TRK 1D Kit 170-3570 lbs. Thrust restraint.pdf](#)

[Model TRK 1E Kit 390-6500 lbs. Thrust restraint.pdf](#)

[Model TRK Ext. and Int. spring isolators thrust restraint kit detail air handling kits.pdf](#)

[Remaining Receipt](#)

[Model TRK Ext. and Int. spring isolators thrust restraint kit details for in line fans.pdf](#)

[Model TRK Calculation of thrust and resulting displacement for fan with rectangular outlet.pdf](#)

[Model TRK Thrust restraint kit detail for plenum fans.pdf](#)

RELATED SERVICES

Engineering

The engineers we employ hold the highest industry-recognized credentials in structural analysis, elastomer development and system dynamics.

Certification

We are the first ISO accredited PCA ISO-17065, third-party certification body for special seismic certification of non-structural building components and their mounting configurations by the ICC's International Accreditation Service.

Test & Measurement

We are the only ISO 17025:2005 Accredited Seismic Simulation Test Laboratory with a triaxial shake table owned and operated by California licensed Structural engineers.

Testing Services Update

DCL now offers Nuclear Qualification and Testing services.

In partnership with [Greenberry Industrial](#), we now offer testing services that meet the requirements of ASME NQA-1.

[Call for more information.](#)

RELATED PRODUCTS



[ER Restraint](#)



[SR Restraint](#)
