



RIK-PM40 Seismic Beam Clamp

With the highest seismic load ratings of any beam clamp on the market the RIK-PM40 Seismic Beam Clamp has been specifically developed for demanding bracing applications.

- Easy Setup - Designed to eliminate drilling into structural steel on construction sites
- Strong - Machined from high tensile solid steel bar for superior strength
- Secure - Welding not required
- High load capacities – ULS ratings between 10.93kn upwards to 24.04kn
- Tip embedment - The bolt tip is designed to embed into the structural steel to prevent slipping
- Roughened surface - The horizontal roughness of the saw tooth jaw maximises grip to the beam
- Torque bolt head - Snaps off once optimal torque is achieved to allow easy visual inspection
- Adaptable installation - 0-90° attachment range



WATCH IT IN ACTION NOW!

<https://www.youtube.com/watch?v=PWBmF2BBz2c>

RIK-PM40 Seismic Beam Clamp

Product Code: RIK-PM40

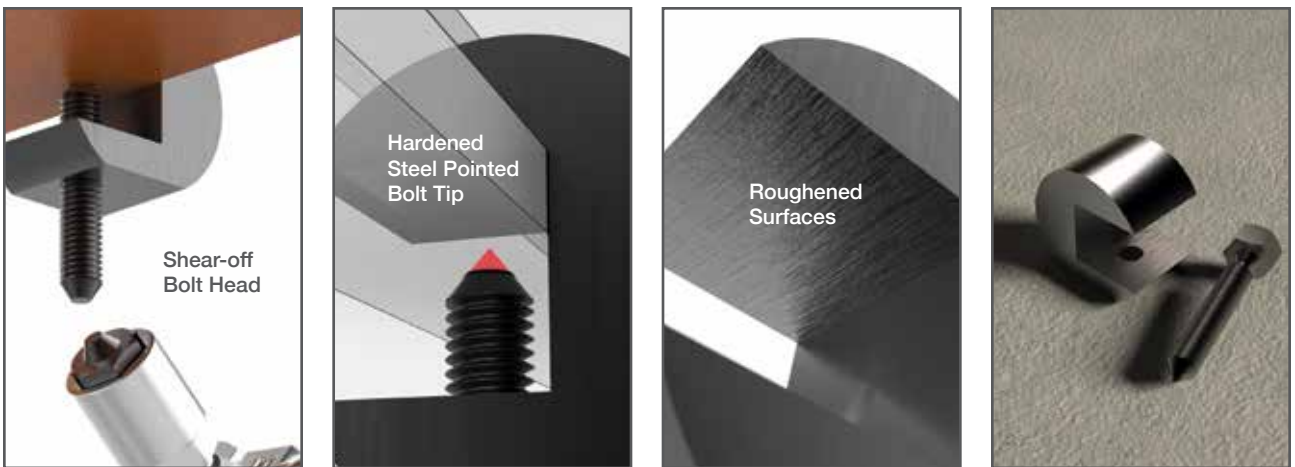
With the highest seismic load ratings of any beam clamp on the market the RIK-PM40 Seismic Beam Clamp has been specifically developed for demanding bracing applications.

Design Specifications

- Easy Setup - Designed to eliminate drilling in to structural steel on construction sites
- Strong - Machined from high tensile solid steel bar for superior strength
- Secure - Welding not required
- High load rating - ULS of over 10.93kn – 24.04kn / 1115kg – 2452kg. Higher load ratings available on request
- Tip embedment - The bolt tip is designed to embed into the structural steel to prevent slipping
- Roughened surface - The horizontal roughness of the saw tooth jaw maximises grip to the beam
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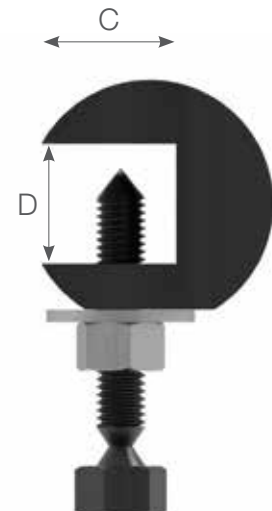
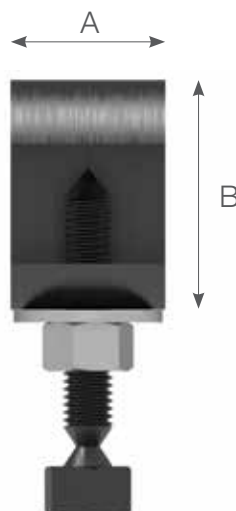


Features & Benefits



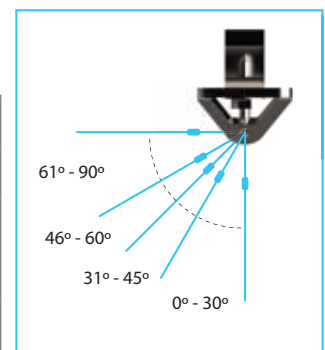
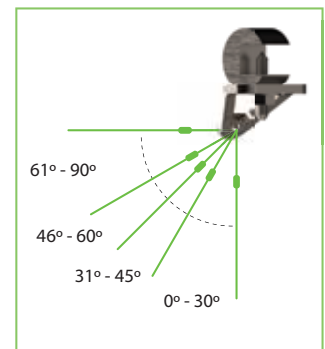
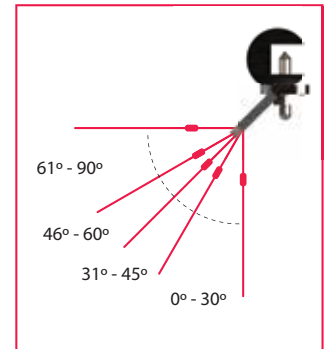
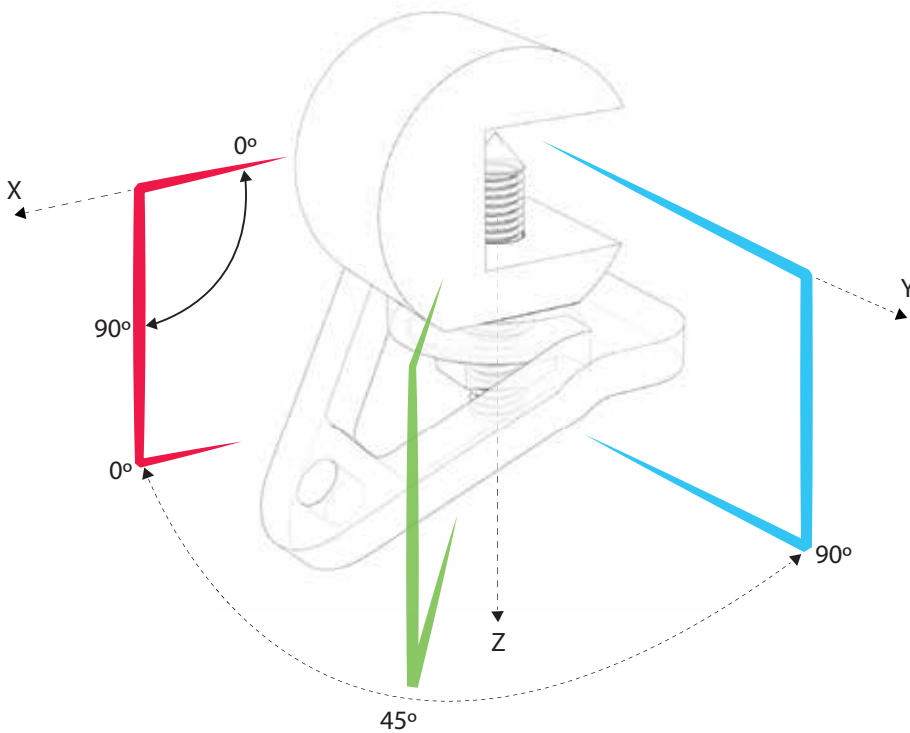
Product Details

Dimensions (mm)			
A	B	C	D
30	46	39	22



RIK-PM40 Seismic Beam Clamp

Product Testing and Limits



Bracing Angles	Plane 1	Plane 2	Plane 3
0-30	22.09kn / 2253kg	22.09kn / 2253kg	24.04kn / 2452kg
31-45	11.67kn / 1191kg	11.67kn / 1191kg	21.76kn / 2219kg
46-60	14.36kn / 1465kg	14.36kn / 1465kg	17.25kn / 1759kg
61-90	10.93kn / 1115kg	10.93kn / 1115kg	14.56kn / 1485kg

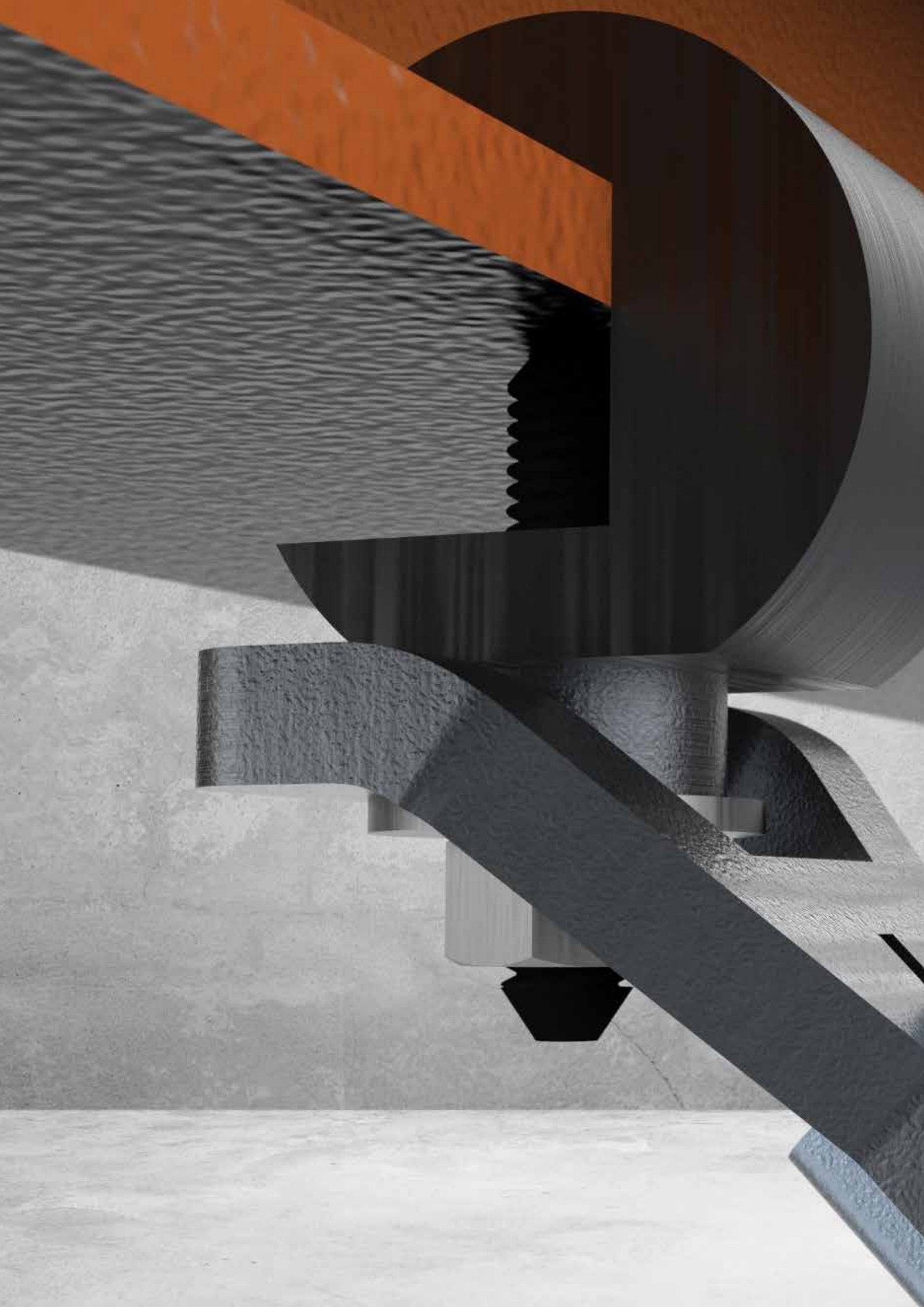
Testing and Specifications

The RIK-PM40 Seismic Beam Clamp has been tested in accordance with ANSI/ASHRAE Standard 171-2017, Method of Testing for Rating Seismic and Wind Restraints.

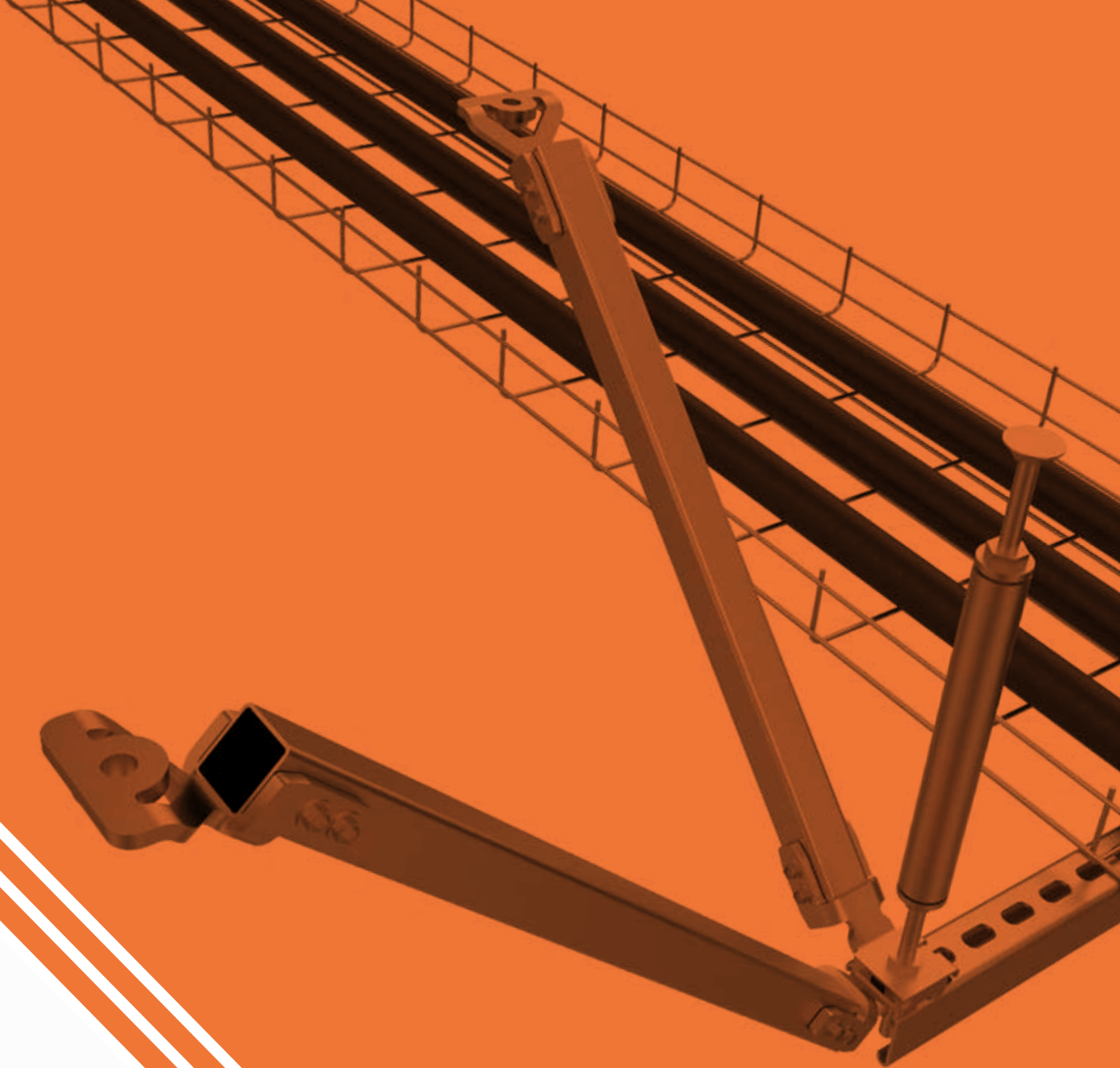
In 2008, the first ANSI/ASHRAE standard was published for testing seismic restraint devices. This standard described the testing procedures for seismic restraint systems. The objective of these tests was to determine the capacity of seismic restraints/braces. The tests were designed to determine the maximum force a restraint can withstand without breakage or permanent deformation.

The standard has been updated in 2017 and comprises a cyclical, low-frequency test method and establishes a rating methodology for use with building codes. These tests are designed to be conducted by ISO accredited testing laboratories with equipment calibrated according to ISO 17025.

REFERENCES: 1. ISO. 2005. ISO 17025, General Requirements for the Competence of Testing and Calibration Laboratories. Geneva, Switzerland: International Organisation for Standardisation.







RIKTA

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