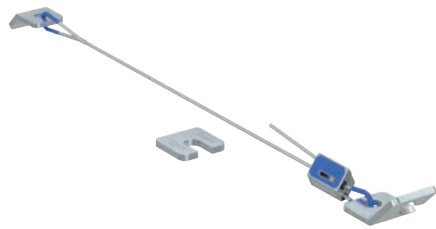


Seismic wire cable system FWI-S

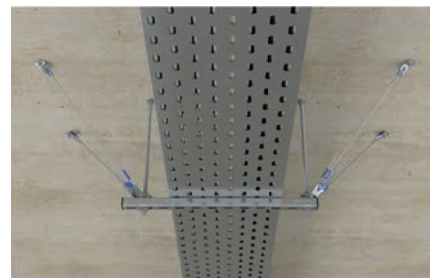
The wire cable system for securing installations from horizontal forces



7



Lateral bracing of ventilation ducts



Four-way bracing of cable trays

Applications

- Securing installations in buildings in the event of an earthquake, such as electrical cable routes, mechanical systems, ventilation ducts, hydraulic pipes.
- The FWI-S wire cable system ensures a safe transmission of the longitudinal and transversal forces into the subsurface and thus effectively prevents damage to installations.
- Also ideal for retrofitting existing installations.
- For use in dry interior areas.

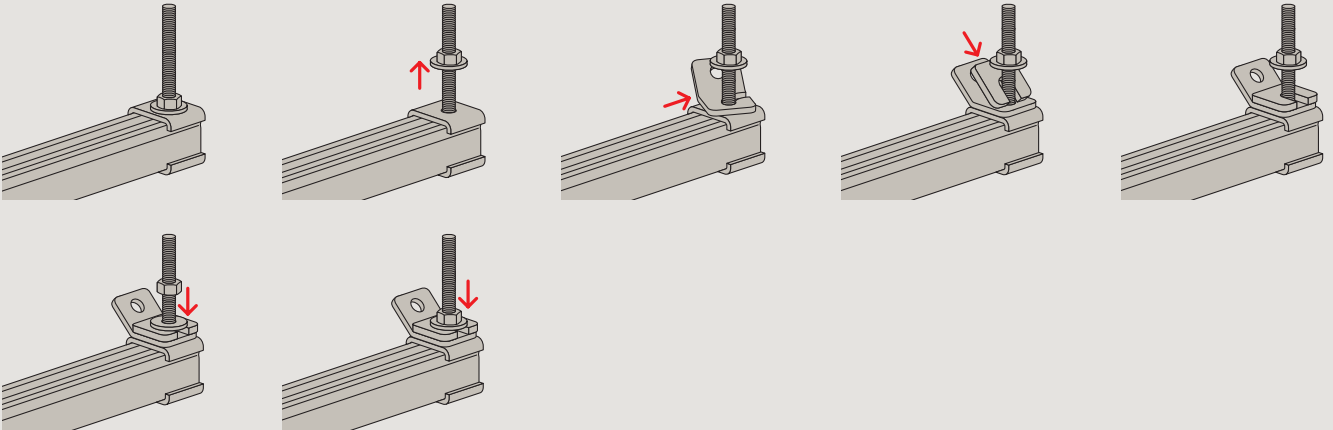
Advantages

- The system protects installations from damage caused by horizontal forces.
- The FWI-S wire cable system offers a safe and reliable method of bracing MEP installations to ensure their integrity during an earthquake.
- The FWI-S wire cable system can minimise damage to installations, resulting in lower repair costs and downtime.
- Easy installation thanks to pre-assembled sets in lengths of 2, 3 and 5 m.
- The available wire cable diameters of 2, 3 or 5 mm provides the right kit for your load case.
- Suitable for new buildings or for retrofitting. Each set has a retrofit plate that allows particularly easy installation into existing installations.
- Each set has a type-specific color marking for identification on the construction site.

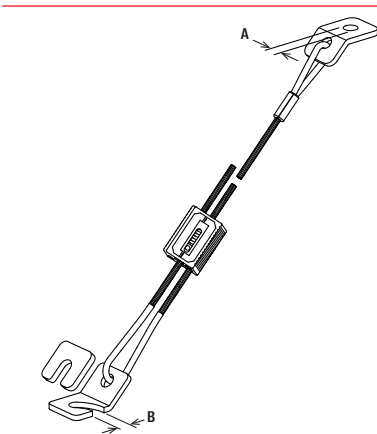
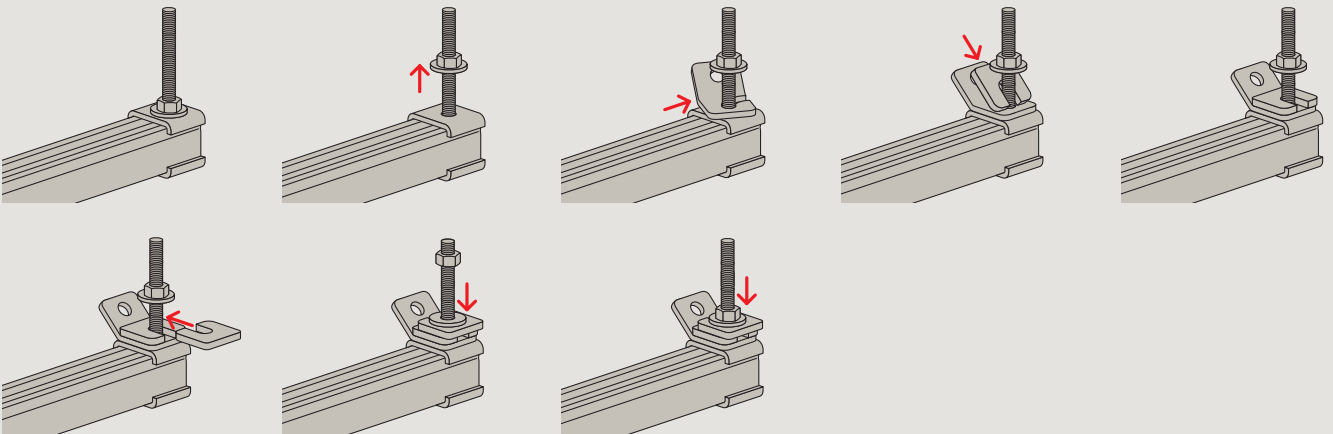
Properties

- Material wire cable lock: zinc-diecasting (material no. 2.2140.05)
- Material stamped and bent parts: steel (material no. 1.0038)
- Material wire cable: steel (material no. 1.5122)
- Material protective sleeve: PVC
- Corrosion protection: zinc lamella coating

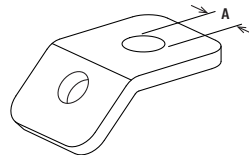
Installation FWI-SR / FWI-SB



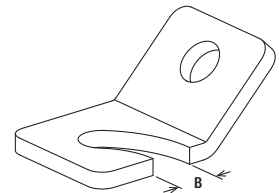
Installation FWI-SGY



FWI-S



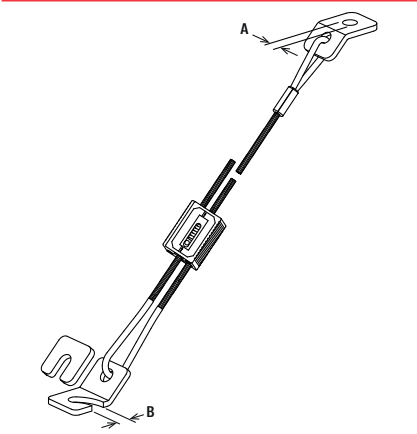
FWI-S anchor bracket



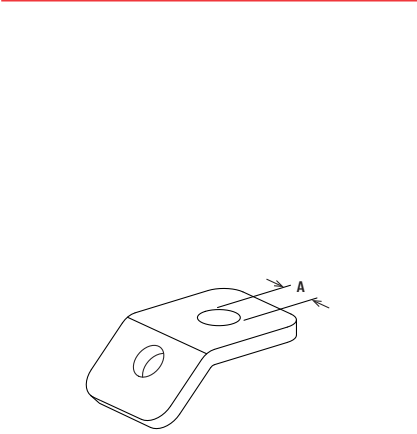
FWI-S retrofit bracket

Technical data

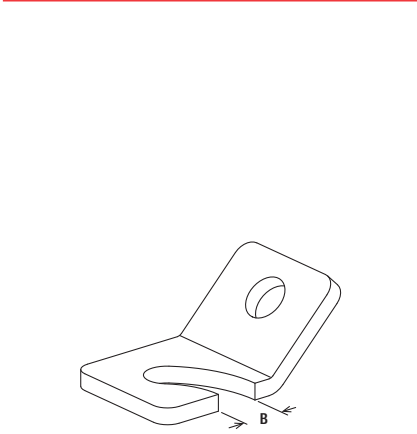
		Cable length	Wire-ø	Diameter anchor bracket	Diameter retrofit bracket	Max. recommended load	Colour	Sales unit
Item	Item no.	[m]	[mm]	A [mm]	B [mm]	N_{rec} [kN]		[pcs]
FWI-SR-Kit 2.0 2m	569504	2	2.0	11.0	13.0	1.4	red	2
FWI-SR-Kit 2.0 3m	569505	3	2.0	11.0	13.0	1.4	red	2
FWI-SR-Kit 2.0 5m	569506	5	2.0	11.0	13.0	1.4	red	2



FWI-S



FWI-S anchor bracket



FWI-S retrofit bracket

7 Technical data

		Cable length	Wire-ø	Diameter anchor bracket	Diameter retrofit bracket	Max. recommended load	Colour	Sales unit
	Item no.	[m]	[mm]	A [mm]	B [mm]	N_{rec} [kN]		[pcs]
Item								
FWI-SB-Kit 3.0 2m	569507	2	3.0	11.0	13.0	3.7	blue	2
FWI-SB-Kit 3.0 3m	569508	3	3.0	11.0	13.0	3.7	blue	2
FWI-SB-Kit 3.0 5m	569509	5	3.0	11.0	13.0	3.7	blue	2
FWI-SGY-Kit 5.0 2m	569510	2	5.0	13.0	13.0	8.5	green / yellow	2
FWI-SGY-Kit 5.0 3m	569511	3	5.0	13.0	13.0	8.5	green / yellow	2
FWI-SGY-Kit 5.0 5m	569512	5	5.0	13.0	13.0	8.5	green / yellow	2

Accessories

Seismic wire cable system FWI-S spare-kit



FWI-S spare kit

		Contents	Sales unit
	Item no.		[pcs]
Item			
FWI-S spare kit	569513	1 x PVC hose red 1 x PVC hose blue 1 x PVC hose green/yellow 1 x Restraint washer 1 x Retrofit bracket	1