TRY-LOCK SYSTEM

THE TRY-LOCK SYSTEM is designed to suspend services from a single point suspension. The aim of this support is to reduce the amount of material that is used to build a support.

Try-Locks are fitted to the intended application using carabiners and then coupled to a chosen Zip-Clip vertical suspension to hang from a variety of different base materials.

AVAILABILITY

Zip-Clip have two different Try-Lock systems each allocated a letter to differentiate between the available safe working loads (SWL). Each system comprises of a specific diameter of wire rope.

- **TRS** system – 50 kg SWL
- **TRY** system – 90 kg SWL

Try-Lock can also be produced using G-wire rope – Please consult with Zip-Clip.

Try-Lock systems are available for spans from 50 mm up to 400 mm as standard, however, larger spans can be manufactured on request.

APPLICATIONS

Try-Lock systems are typically used for cable management and offer support solutions for:

- Long cable tray and cable basket runs.
- Off-shoots from the main containment.
- Light fittings.
- Radiant heat panels.
- Chilled beams.
- Acoustic boards.
- Plenum boxes.
- Long suspensions up to 10 m.

FEATURES

- 18th Edition Amendment 2 : 2022 compliant (when supplied without PVC sleeve on loop).
- Equal leg lengths ensuring suspended services are supported level.
- Aluminium ferrules.
- Snap gate carabiners for positive engagement to the service.
- PVC sleeve on loop available on request.

WHICH TRY-LOCK TO USE

Span (mm)	TRS STSTEM	SWL	TRY SYSTEM	SWL
50 to 200	TRS 50-200	50 kg	TRY 50-200	90 kg
200 to 300	TRS 300-400	50 kg	TRY 300-400	90 kg
300 to 400	TRS 300-400	50 kg	TRY 300-400	90 kg

MATERIALS

Wire Rope:

Galvanised mild steel electro-galvanised wire rope, 1960 N/mm² grade, 7×7 IWRC construction, manufactured to BS EN 12385.
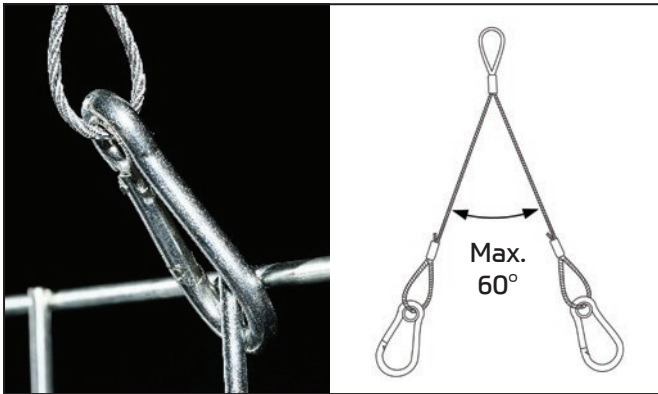
The Carabiners:

Carbon steel with BZP finish. Standard carabiner 5×50 mm (50 kg SWL) with snap gate system and captive eye to house wire and prevent accidental release and 6×60 mm (90 kg SWL) carabiners are also available for TRY system.
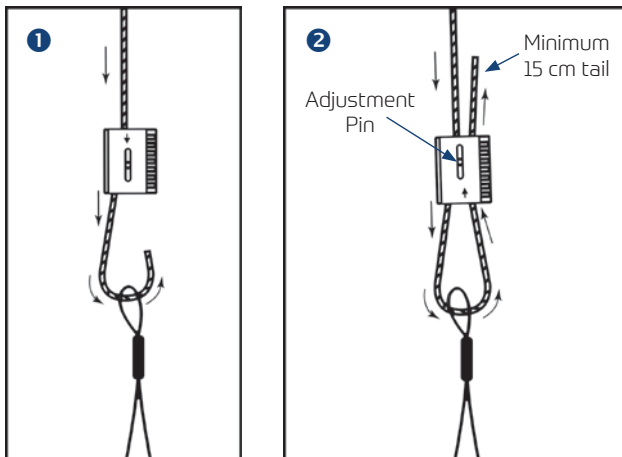
BENEFITS

- Can be fitted to the services at floor level prior to coupling with the vertical wire support.
- Allows for side loading of cable trays.
- Self-levelling.
- Variety of spans.
- Variety of SWL.
- Removable.

INSTALLATION

Example installation onto cable basket is carried out at ground level:

1. Open gate of carabiner and hook around upright wire of cable basket.

2. Repeat on opposite side of basket.

3. Ensure angle is 60 degrees or less.

4. Offer basket up to pre-installed vertical wire suspensions.

5. Link to vertical suspension with a Zip-Clip locking device by feeding wire through PVC loop and returning wire back into Zip-Clip device. Trim wire leaving a minimum 15 cm tail.

Example installation onto plenum box:

1. Clip carabiners into available connection points, e.g. through-holes.

2. Ensure the intended fixture will accommodate the carabiners.

3. If no connection points are available, install eyebolts into the service to give connection points for the carabiners.

BEST PRACTICE

- For static loads only.

- Ensure carabiners are compatible with the available fixing points.

- Ensure carabiners are located correctly and not over loaded.

- Ensure snap gate is fully closed when fitted to services.

- Angle of the span should not exceed 60 degrees.

- If angle exceeds 60 degrees, use Try-Lock with a larger span.

FIXING CENTRES

- Ensure adequate fixing centres are utilised for the intended application.

- Follow industry standards according to application.

- Do not overload.

- Do not go beyond safe working load.

TEST CERTIFICATES

Tensile testing certificates have been produced by SATRA Technology and are available on request.

MANUFACTURERS RECOMMENDATIONS

The Zip-Clip Try-Lock system is designed to support **STATIC loads only**. Dynamic and shock loads must be avoided and can greatly increase the overall weight of the product being suspended and therefore compromise the safe working load of the suspension. To ensure integrity and safety of the system only Zip-Clip wire should be used.

- Do not exceed the safe working load (SWL) of the product.

- Do not use locking devices with a coated wire.

- Do not paint or apply any other coating.

- Do not lubricate.

- Do not use for lifting applications.

- Remove any frayed cable prior to inserting into the locking devices.

- Do not shock load.

- Do not use for dynamic loads/installations.

- Do not overload.

- Do not mix Zip-Clip systems with other wire suspension manufacturers products.

- Do not use in corrosive environments, e.g. chlorinated environments – For specialist applications, such as corrosive environments, please contact Zip-Clip Technical Department.