



Selection charts **p. 10-15**
 Technical information **p. 16-17**
 Wire specifications **p. 18**

Key free release
 Ideal for long drop lengths
 Thumb grip for easy handling (except Cat. Nos. SW500M and SW500LOK)

Suitable for supporting :

- Cable management
- Lighting
- Busbar
- Ducting
- Support systems

Pack	Cat. Nos.	Mechanisms	Safe working load (kg)
		Zamac 5 housing with oil impregnated sintered steel wedge	
		Mechanisms¹	
10	SW10M	Mechanism for use with type 1 wire	10
10	SW50M	Mechanism for use with type 2 wire	50
10	SW120M	Mechanism for use with type 3 wire	120
10	SW230M	Mechanism for use with type 4 wire	230
10	SW500M	Mechanism for use with type 5 wire	500
		Lockable mechanisms¹	
		Tamper resistant	
10	SW120LOK	Lockable mechanism for use with type 3 wire	120
10	SW230LOK	Lockable mechanism for use with type 4 wire	230
10	SW500LOK	Lockable mechanism for use with type 5 wire	500

Pack	Cat. Nos.	Wires	Safe working load (kg)
		Galvanised wires	
		Wires conform to BS EN 12385	
1	SWW10200M	Type 1 wire 200 m	10
1	SWW50100M	Type 2 wire 100 m	50
1	SWW50200M	Type 2 wire 200 m	50
1	SWW50500M	Type 2 wire 500 m	50
1	SWW120100M	Type 3 wire 100 m	120
1	SWW230100M	Type 4 wire 100 m	230
1	SWW500100M	Type 5 wire 100 m	500
		Stainless steel wires	
		Wires conform to AISI 316	
1	SWW8S100M	Type 1 wire 100 m	8
1	SWW8S200M	Type 1 wire 200 m	8
1	SWW45S100M	Type 2 wire 100 m	45
1	SWW100S100M	Type 3 wire 100 m	100
1	SWW200S100M	Type 4 wire 100 m	200

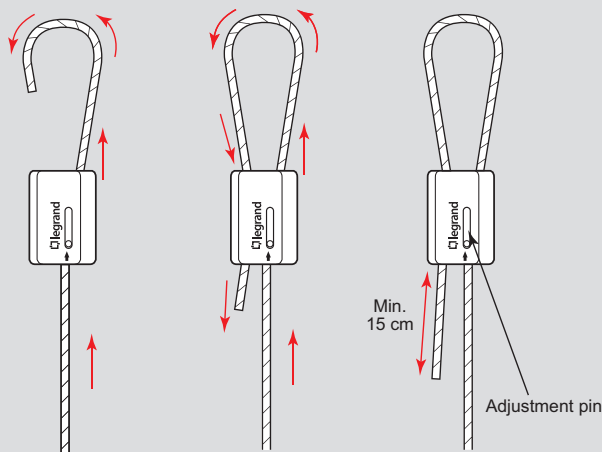
1 : Safe working loads are only assured when used with the correct Legrand wire type

Tools and accessories
p. 40



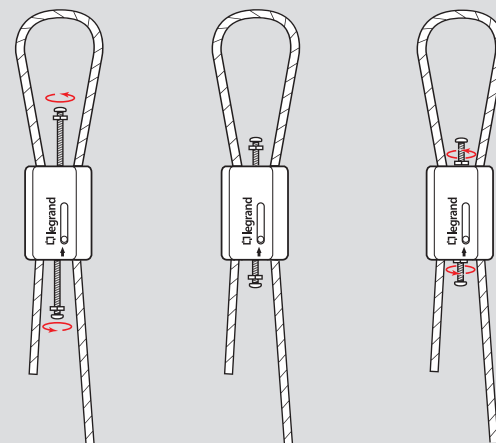
Installation – using the mechanism

- Pass one end of the wire through the mechanism in the direction of the arrow and draw through enough wire to go around/through the fixing point
- Pass the wire end back through the mechanism leaving at least 15 cm of free wire protruding
- Always confirm engagement of the mechanism on the wire by pushing the adjustment pin in the opposite direction indicated by the arrows
- To adjust, remove the load and pull the free wire slightly to disengage the mechanism then release using the adjustment pin



Installation – using the lockable mechanism

- Unscrew the locking nut and bolt until the adjustment pin is pushed back fully
- Pass one end of the wire through the mechanism in the direction of the arrow and draw through enough wire to go around/through the fixing point
- Pass the wire end back through the mechanism leaving at least 15 cm of free wire protruding
- Always confirm engagement of the mechanism on the wire by pushing the adjustment pin in the opposite direction indicated by the arrows
- To adjust, remove the load and pull the free wire slightly to disengage the mechanism then release using the adjustment pin
- Tighten each screw by hand until secure
- Twist each nut until they are flush with the mechanism

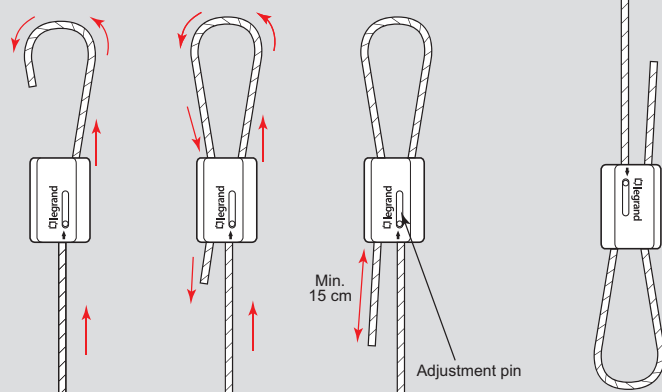


mechanisms and wires

technical information (continued)

■ Installation – figure of eight suspension

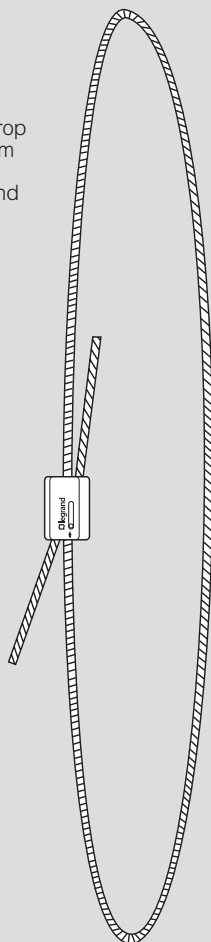
- Cut wire to desired length for the drop required using an appropriate wire cutter (see p. 40 for tools and accessories)
- Pass one end of the wire through the mechanism in the direction of the arrow and draw through enough wire to go around/through the fixing point
- Pass the wire end back through the mechanism leaving at least 15 cm of free wire protruding
- At the other end again pass the wire through the mechanism in the direction of the arrow
- Pass the free end of the wire around the suspension or through the fixing and back through the mechanism leaving 15 cm of wire protruding
- Always confirm engagement of the mechanism on the wire by pushing the adjustment pin in the opposite direction indicated by the arrows
- To adjust, remove the load and pull the free wire slightly to disengage the mechanism then release using the adjustment pin



■ Installation – wrap-around

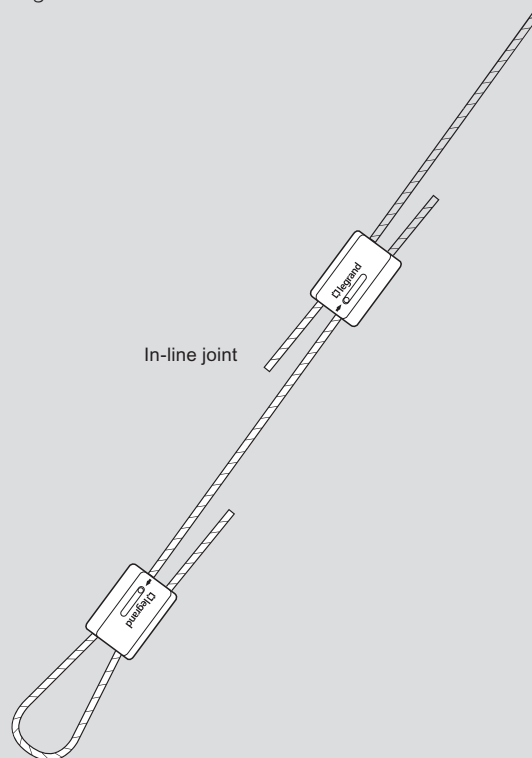
A Swiftwire mechanism can be used to create a wrap-around

- This can be incorporated with a fixing choice in order to create one full suspension
- Cut double the length of wire required for the drop
- Pass one end of the wire through the mechanism and go through/around the fixing point
- Pass the wire through/around the suspension and then back through the mechanism



■ Extending a suspension

- Suspensions can be extended by passing the end of each wire through the mechanism



■ Using the mechanism with channel and brackets

Each mechanism has a flat side across its smallest axis and can therefore be used as a stopper device by feeding the wire through just one channel

- To adjust, remove the load and pull the wire slightly to disengage the mechanism then release using the adjustment pin
- By incorporating a penny washer or channel nut above the mechanism, the supporting surface area can be increased. This method is ideal for multi-tier trapeze drops offering a quick, cost effective and simple solution
- The use of a penny washer or channel nut is optional

