ZIP-SPLICE



ZIP-SPLICE is a lightweight, temporary connection system for joining sections of piling reinforcement cages during site installation. Each kit contains 3 Zip-Splices. Every Zip-Splice is made from a single Zip-Clip KL200 locking device and high tensile wire rope with a ferruled end.

Offering quick and easy installation, the system eliminates the need for installers to put their hands inside the cage.

Each ZIP-SPLICE kit must be installed as recommended by Zip-Clip, using all 3 of the supplied Zip-Splices per cage joint, distributed evenly at 120° intervals around the circumference of the cage.

ADJUSTMENT

Before any adjustment can be made, the load must be taken off the Zip-Splice. It will not be possible to adjust the device under load.

- To tighten, pull further on the exit tail (15 cm tail minimum.)
- To release, push the key-free adjustment pin in the direction of the arrow and allow the wire rope to feed back through the device.
- Reconfirm engagement after every adjustment.

MATERIALS

Zip-Clip device	Zamak zinc alloy main body with internal stainless steel spring and sintered steel locking wedge(s).
Wire rope	R100P high tensile wire rope with ferruled eye end.

FEATURES

- Third-party accredited temporary pile cage connection.
- No need for hands to be inside the cage.
- Simple and quick installation, with only wire rope cutters required.
- Key-free release mechanism on each device for easy adjustment.
- Single die-cast locking device (zinc alloy).
- Proven Zip-Clip wire rope locking technology.
- Economical alternative to untested, custom and practice methods.
- Temporary connection of piling reinforcement cage sections.
- Cages produced by offsite reinforcement prefabrication.

Wire rope length	
Safe Working Load	10 kN per joint (array of 3)
Proof Load	40 kN
Approval	CARES TA15 5098

Loads indicated are for a complete array of 3 Zip-Splices installed as recommended by Zip-Clip. Third-party test certificates available upon request.

SUITABLE FOR

- Temporary connection of piling reinforcement cage sections.
- Cages produced by offsite reinforcement prefabrication.
- Lighter duty cage joints. For heavier cages see ZIPSPLICE+.

MANUFACTURERS RECOMMENDATIONS

- Always leave a minimum 15 cm exit tail.
- Do not shock load.
- Do not paint, apply any other coating or lubricate.
- Do not use locking devices with a coated wire rope.
- Remove any frayed cable prior to inserting into the locking device.
- Only use Zip-Clip wire rope. Do not mix Zip-Clip systems with other wire rope manufacturers products.

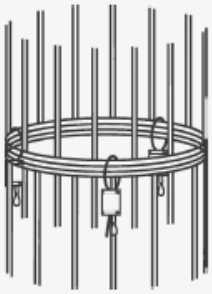
1



Join the cage sections

Insert the top (male) cage section into the lower (female) cage section.

2



Position at 120° intervals

Attach the three Zip-Splices evenly around the circumference of the cage, at 120° intervals. Keep the wire rope to the outside of the cage. Installers should not put their hands inside the cage.

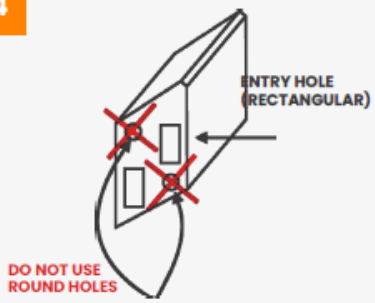
3



Wrap the wire rope

Feed the wire rope around the cage members at the joint, following the direction of the arrows, and return the free end to the KL200 device.

4



Use the rectangular entry hole

Pass the wire rope into the rectangular entry hole of the KL200 in the direction of the arrow. Do not use the round through-holes: they have no locking wedge and the wire rope will move freely.

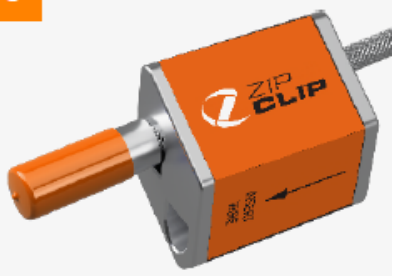
5



Tension and exit tail

Pull the wire rope tight to apply tension, leaving a minimum 15 cm exit tail protruding from the device.

6



Confirm engagement

Always confirm engagement of the device on the wire rope by pushing the adjustment pin in the opposite direction of the arrows indicated on the side of the device.