

Installation Instructions

ABWC Series I Aluminum Bolted Wedge Connector

Applicable Conductor Types

Run: Aluminum

Tap: Aluminum or Copper*

**Copper cable must be below Aluminum cable*

Installation Method

Gloved Installation



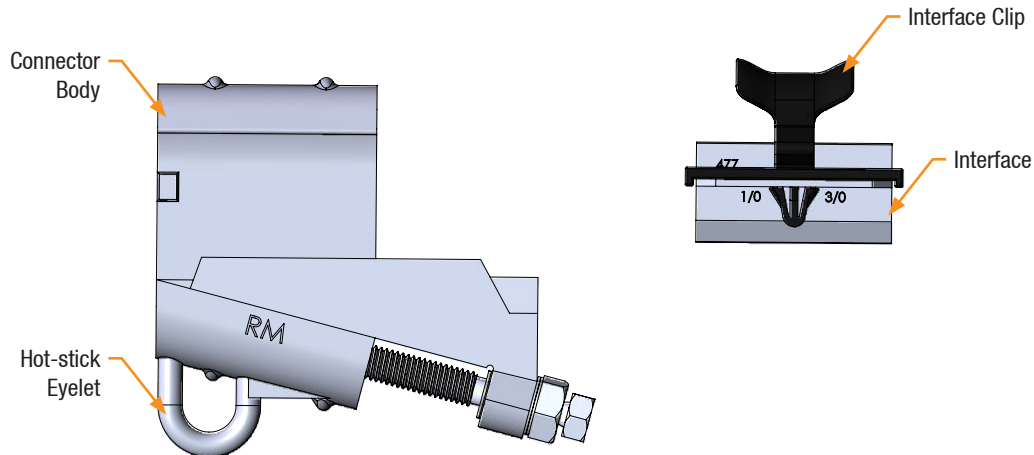
WARNING

- Install using approved personal protective equipment (PPE).
- Failure to follow these instructions will result in damage to the connector and serious or fatal injury.
- This product should only be installed and/or operated by trained personnel in accordance with normal and safe work procedures.
- Variations in equipment or configuration or work procedures may not be covered in these instructions.
- Please contact Richards Manufacturing for any additional questions.

Instructions cover gloved installation only. For hot stick installations contact the factory.

1

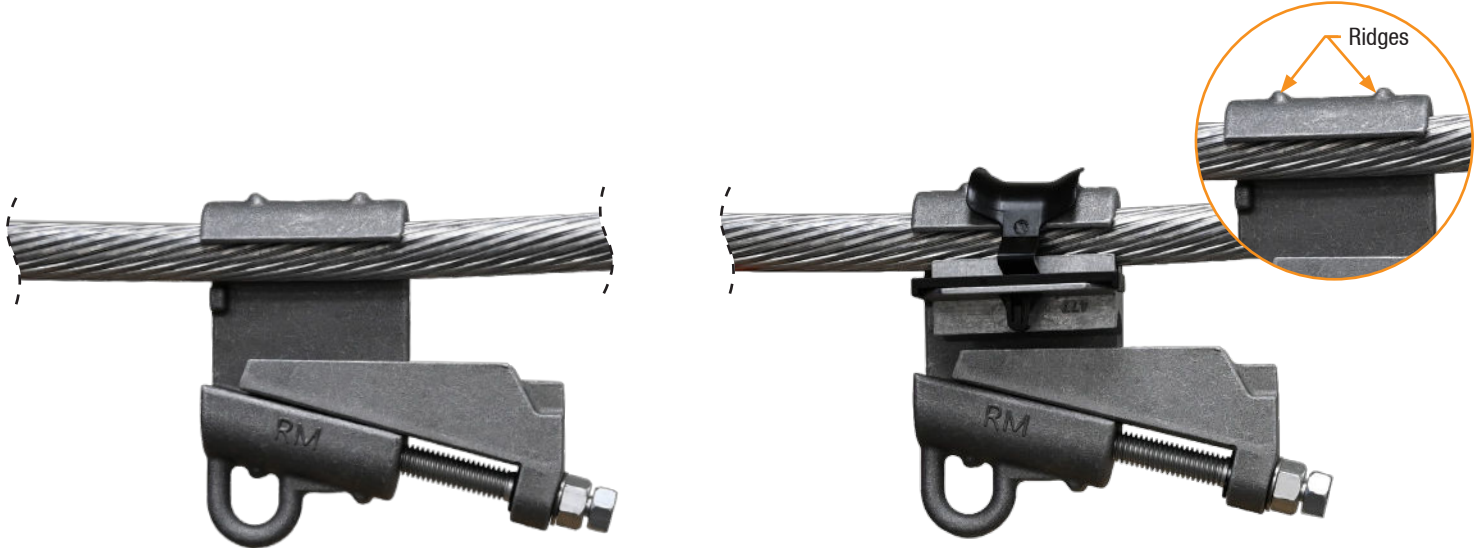
- Remove wedge assembly from bag and inspect to ensure all parts are present, properly greased, and undamaged.
- Remove Interface/Clip assembly and fully open wedge to ease installation. Maintain thread engagement—if bolt loses thread engagement, re-start 2-3 turns by hand.



2

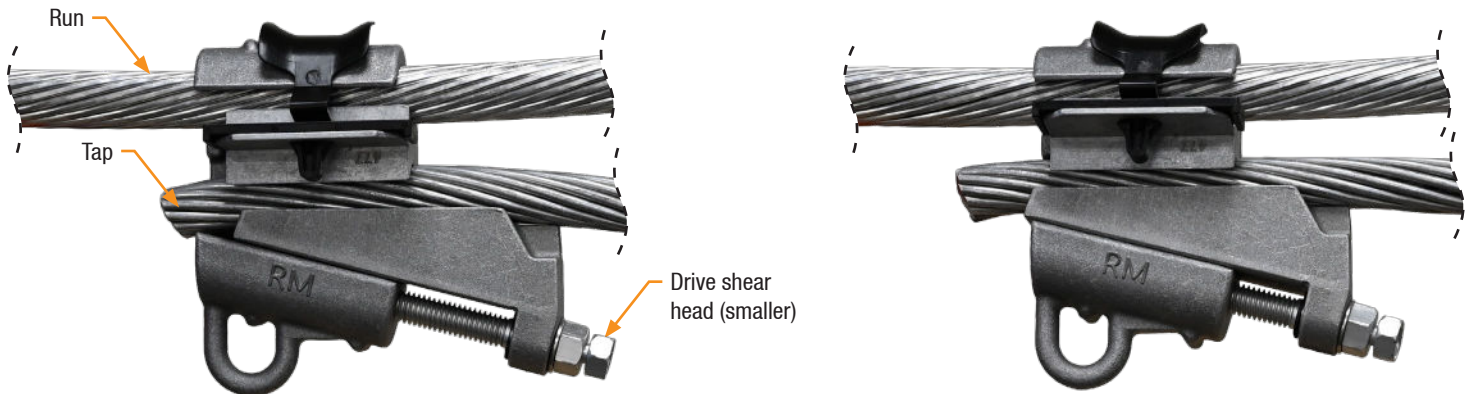
- A. Hang Connector Body on run conductor with the eyelet facing down and hex head to the right as shown.
- B. Slide the Interface assembly under the run conductor until it is seated as shown, with the Interface Clip resting between ridges on Connector Body.

NOTE: Interface Clip is designed to ease installation by holding interface in place for tap conductor insertion (next step).



3

- A. Fully insert the tap conductor into opposite (bottom) groove of Interface as shown. Note: Tap conductor can be inserted from either direction.
- B. Start threads by hand. Then drive smaller/outer (9/16") hex head until it shears and spins freely. Do NOT engage larger/inner (3/4") hex head when installing wedge.
- C. To remove the wedge in future, use the larger/inner (3/4") hex head to loosen the bolt.



Installation Complete