

ACCC® Hardware

Proven. Purpose Built. Field Ready.

ACCC® Hardware is a precision-engineered system of fittings developed exclusively for ACCC® Conductors. ACCC® Hardware includes a patented collet and housing system housed within the dead-end fitting designed to ensure reliability of holding the composite core.

The collet system applies even, self-adjusting pressure to the composite core, preventing damage while maintaining grip. It works with standard compression sleeves and utility tools, needing no special equipment, requiring no special dies or compression equipment, and balances advanced core protection with proven practices for the outer conductor.

Key Benefits

Reliability Under Load

- The collet system applies uniform pressure to the composite core
- Ensures a secure mechanical connection while preserving the core's structural integrity

Faster Installation

- Only a single set of compression dies required
- Compatible with standard utility tools, no need for specialized dies or presses

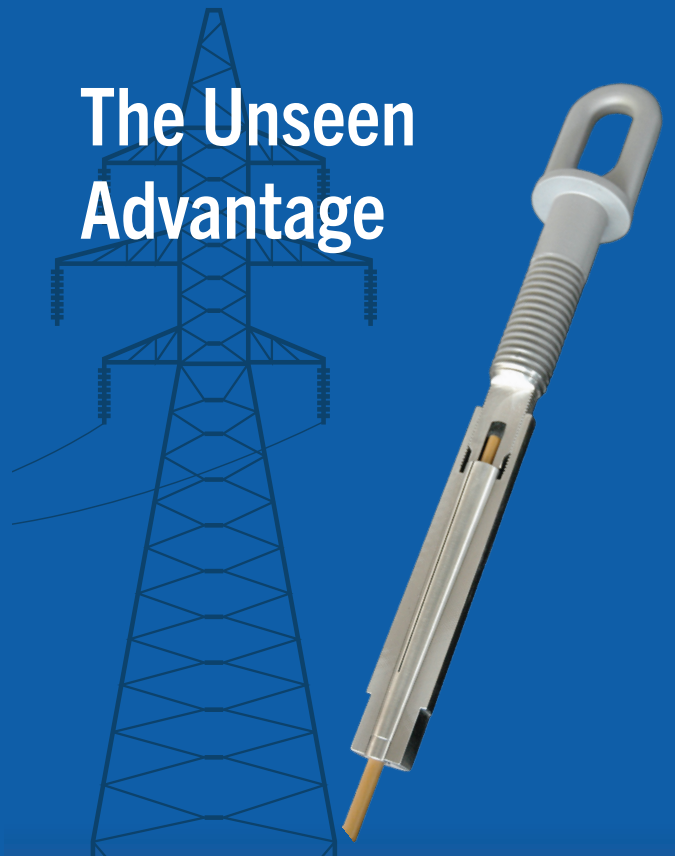
Superior Thermal Performance

- Designed to operate continuously at 180° C, or emergency at 200°C
- Improves efficiency while reducing line losses

Proven in the Field

- Used in over 1,400 global projects across all climate zones
- More than 1 million Dead-ends & Splices installed with no failures

The Unseen Advantage



Dead-end and Collet & Housing

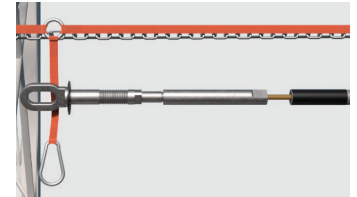
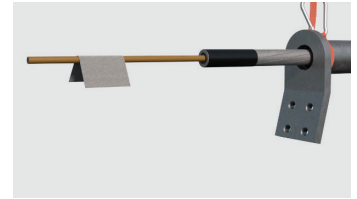
- 1 Million+ dead-ends & splices installed
- Tested and certified in accordance with IEC 61284
- Installed by over 300 utilities worldwide
- Zero field failures



CTC GLOBAL

How It Works

- 1 Prepare the Conductor:** Trim and prep the conductor to expose the core and strands.
- 2 Insert the Core:** Place the core into the collet, which is pre-positioned inside the dead-end body.
- 3 Secure Core:** Engage the housing, which self-centers and grips the core.
- 4 Fasten Assembly:** Compress the outer aluminum sleeves using a standard press and single die
- 5 Finalize the Installation:** After finalizing the compressions, complete the installation per standard procedures.



Side-by-Side Solutions

Dead-end Systems Compared

Discover the key advantages of the ACCC® Collet & Housing System: With a simplified installation process, and significant real-world time savings, this innovative approach stands out from traditional methods. Not only does it streamline each step, but it also enhances safety and efficiency, reflecting CTC Global's dedication to more efficient grid solutions.

Contact us to learn more

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