

FEATURED PRODUCT

Wedge Tap Connectors



LTL is the Exclusive Master Stocking Distributor for CPI Products in Canada



**Millions Installed
30 years in the USA
20 years in Canada
CSA Approved**

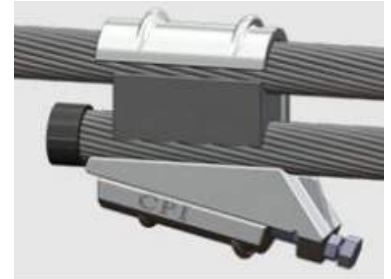
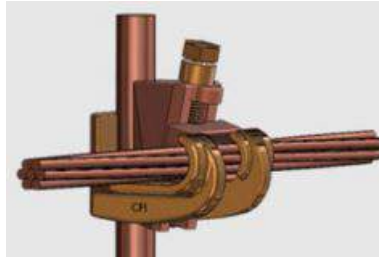
- *No Special Tools Required - Safe*
- *The Only Reusable Connector, No Damage If Removed*
- *Cost-Effective*
- *Fast Installation*
- *Hot Stick Install*
- *#6 to 2150*

CPI Products:

- Wedge Tap
- Pad Tap
- Stirrup

- Hotline Tap
- Ground Grid Connector
- Autosplice

- Paddle Stirrup Post
- T2 Connectors
- OPGW Dead-End



**FOR MORE INFORMATION OR TO PLACE AN ORDER,
CONTACT AN LTL PRODUCT SPECIALIST TODAY!**

800-299-9769 or Eastern Canada: main@ltl.ca, Western Canada: mainab@ltl.ca

www.ltlutilitysupply.com

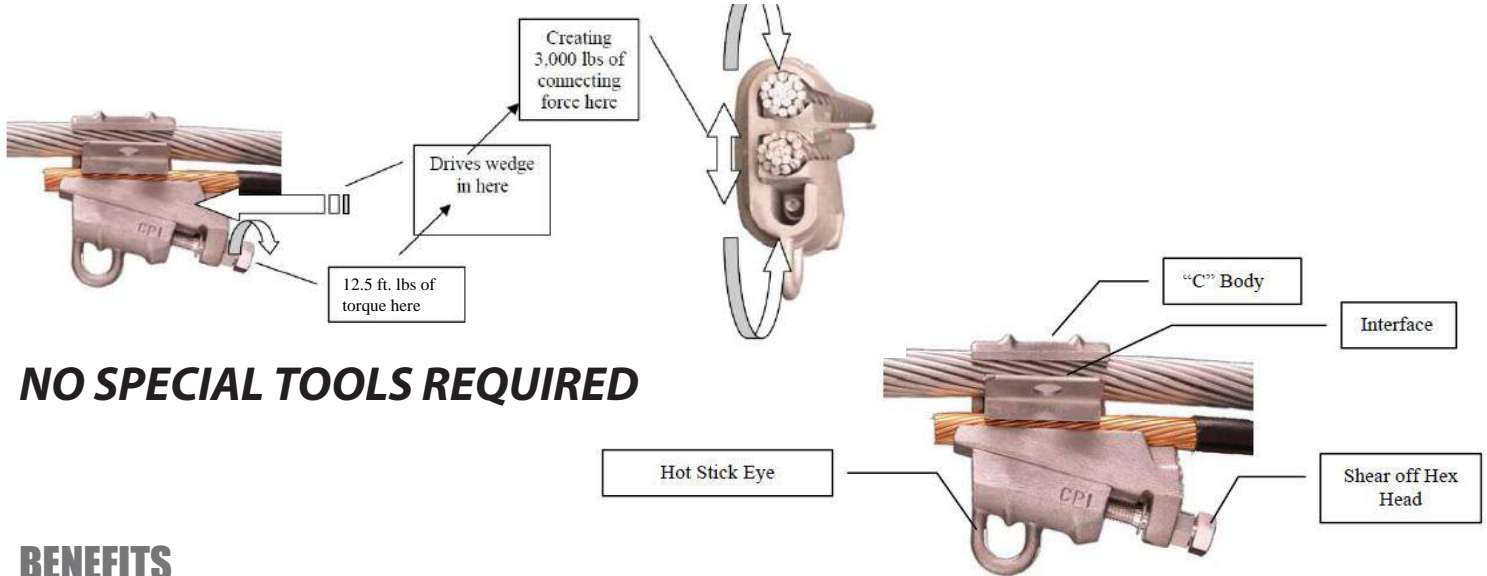


For product information and ordering, please call your local branch:
MB, ON, QC & Maritime Provinces: 800-299-9769
AB, SK, Northern Territories: 800-530-8640
British Columbia: 866-347-6911

TRUSTED SINCE 1958 DIV OF LINEMAN'S TESTING LABORATORIES OF CANADA

How It Works

When the conductors and the interface are in place within the connector, the Shear Bolt can then be tightened using any hex head wrench, ratchet, or speed socket. When 12.5 ft. pounds of torque is applied to the drive bolt, the hex head shears off. This process drives the wedge into the connector and creates approximately 3,000 lbs of connecting force on the conductors. The force that has been introduced into the connector causes a .015" deflection of the "C" member. At this point, a spring has been created that maintains a constant and consistent connecting force on the conductors.



NO SPECIAL TOOLS REQUIRED

BENEFITS

- Utilizes the industry-proven Wedge Connecting principle and is quick and easy to apply with a common socket or impact wrench. No special tools, no additional cost and no safety concerns.
- Installation time is quicker than conventional connectors.
- Easy to remove and re-use without damaging the conductor or connector.
- The "Spring-Like" qualities of the C-Body ensure permanent connection and maintain consistent pressure on the conductors.
- Easily adaptable to standard hot-stick tools.
- High-conductivity grit type corrosion inhibitor is factory-applied for ease of installation and longevity while the connector is in service.
- Meets or exceeds the current carrying capacity of the conductors being connected.
- Remains permanently locked through fault current or power surges.
- Recommended for use in critical high load.

COMPANY HISTORY

Connector Products, Inc. (CPI) designs and manufactures electrical connectors and accessories for major power utility transmission and distribution systems across the United States and throughout the world since 1980.

The company founder, Mario Polidori, developed the wedge style connector over forty years ago and has contributed to its progress over time. Today, Connector Products offers the only true wedge style bolted connector on the market. The CPI tap connector's ability to be installed or removed without specialized tooling and capability of accommodating a wide range of wire sizes is what makes this product the first choice for some of the largest utility companies across North America from #6 to 2150.

In addition to the industry proven wedge style tap connector, CPI also offers a full line of grounding grid connectors, fiber optic OPGW connectors, hotline tap connectors and third rail mass transit connectors.

WE SERVICE WHAT WE SELL!

NAIL-Accredited High Voltage Testing, Calibration, Inspection and Factory-Authorized Repair Centres

- Live Line Tools & Ground Assemblies
- Metering, Instrumentation & Gas Detection Equipment
- Rubber Goods (Insulating Rubber Gloves, Blankets, Covers, Line Hose)
- Fall Protection Equipment: Lanyards, Harnesses, SRLs, Slings & Ropes
- Hoists & Chain Jacks Inspection & Certification
- Battery & Hydraulic Tool Repair
- Replacement Parts in Stock





PRODUCT OVERVIEW

NO SPECIAL TOOLING REQUIRED!
Millions Installed

WEDGE TAP



- Connects Alu.-Alu. or Alu.-Cu conductors for overhead electrical transmission and distribution systems.
- Industry-proven spring wedge pressure for superior electrical performance.
- Easy to install, remove and re-use with standard hot stick tooling or rubber gloves. No special tooling required.
- Shear bolt wedge offers consistency and confirmation of completed connection.
- Accommodates conductors from #6 to 2150.

PAD TAP



- A unique connector that offers a removable connection to a variety of 2 or 4 hole NEMA standard devices.
- Ideal for situations that require an easily-removable disconnect.
- High-performance wedge pressure design.
- Simple shear bolt installation and removal.
- Accommodates conductors from #2 to 1272.

STIRRUP



- Tin-plated bail allows for multiple position connections and eliminates galvanic reaction.
- Easy to install and remove with only one shear bolt.
- No special tooling required.
- High performance wedge pressure design.
- Accommodates conductors from #6 to 1272.



HOTLINE TAP



- Full current rated to be used as a jumper or device tap.
- Self-maintaining spring wedge connection prevents loosening.
- Installs directly to the main line. No need for a bail.
- Easy to remove without damaging or getting stuck on main conductor.
- Accommodates conductors for #6 to 954 with a copper or aluminum tap conductor.

GROUND GRID CONNECTOR



- Connects wire-to-wire or wire-to-rod in a variety of grounding applications.
- Tested to perform comparably to a welded connector.
- Safe and easy installation with one shear bolt. Does not require special molds, crimping dies, or fired-on charges.
- Accommodates conductors from #4 to 500 MCM.

Millions Installed

NO SPECIAL TOOLING REQUIRED!

AUTOSPLICE



- Unique open-architecture full-tension design
- Visual installation. Allows linemen to see when conductor is properly inserted.
- Open design prevents moisture and corrosive contamination becoming trapped inside.
- Easy to install with standard hot stick tools.
- Can be removed and reset to adjust wire sag.
- Full current rated at a minimum 5% of conductor RBS.

PADDLE STIRRUP POST



- Unique Cu and Alu. bi-metallic stirrup post designed to attach hot line or bypass clamps to various system components.
- Common applications include attachment to cutouts, riser pole disconnect switches, pad mounted switch gear, or temporarily for maintenance safety grounding attachments.
- Bi-metallic Alu. to Cu connection is factory-made by threading and crimping with internal corrosion inhibitor grease applied.
- Available with standard or slotted holes for greater adjustability.

T2 CONNECTORS



- Special connectors to accommodate T2 transmission and distribution conductor.
- High performance wedge pressure design
- Connection is made on both conductors without having to separate them.
- Easy shear bolt installation and removal.



OPGW DEAD-END



- Easy shear bolt installation without special tools or formed wire.
- Standard part numbers accommodate conductors from .375" to .750"
- Prompt delivery due to standardized part numbers
- Standard features include a pulling eye and grounding lug, cable down guide is optional.



EXPERIENCE

Since 1980 Connector Products Inc. has designed and manufactured electrical connectors for major power utility transmission and distribution systems across the United States and throughout the world. Our company founder developed the wedge style connector over forty years ago and has contributed to its progressive evolution over time. Today, CPI offers the most user friendly wedge style connectors on the market and is constantly working on offering new connection solutions for our customers.

In addition to the industry proven wedge style connectors, CPI also offers grounding connectors, OPGW system components, hot line connectors, T2 conductor connectors, and automatic overhead splices.