Our Company

Continental Industries, headquartered in Tulsa, Oklahoma, was formed in 1958 and is today a leading manufacturer of connectors for the Gas Utility, Gas & Water Distribution, Propane, Plumbing and Cathodic Protection markets.

An ISO 9001 certified company, Continental Industries has manufacturing locations in Tulsa and Broken Arrow, Oklahoma. Our employees are committed to providing the best value to our customers.

Our full line of plastic and steel connector products are produced utilizing state-of-the-art injection molding machines, automatic screw machines, and CNC machining equipment. Our commitment to quality is evident in every step of our business processes. Renowned for our design and development of technologically advanced products, we provide our customers with reliable, cost-effective solutions to their “main to meter” service line installation, repair, or renewal problems.

thermOweld®, our exothermic welding materials and accessories products, provide a simple, efficient, cost effective method of permanently connecting two or more conductors utilizing a high temperature exothermic reaction between Aluminum and Copper Oxide to produce an almost pure copper weld. We manufacture all of our weld metal and molds in Oklahoma so you are certain of getting consistent, high quality products to satisfy your exothermic welding needs.

Our Vision

Simply stated, our vision is “To be a Sales and Customer Driven Company”. Our commitment to providing the best value to our customers is shared by the entire organization and is evidenced by both the number of long standing relationships we have gratefully developed over the years and the new relationships we are developing every day.

Why Use

Continental Industries is the industry leader in the manufacturing of plastic and steel mechanical fittings for the Gas & Water industry. From the I.D. Seal® Con-Stab to Scope®, steel saddles to HVT, quality and service is what drives us at Continental Industries.

Manufacturing fittings since 1958, Continental has the experience and confidence necessary to provide the best quality products on the market today. Continental Industries’ mechanical fittings will save you both time and money and give you the peace of mind that comes with using a quality product.

Continental Industries’ uses only the highest quality raw materials, engineered designs and manufacturing processes to ensure the consistent quality that makes Continental Industries’ products second to none.

With regional sales offices located throughout the United States, a Continental Industries representative is only a phone call away to help with any questions you may have.

Come experience what so many other satisfied customers have experienced, the excitement and family atmosphere that is Continental Industries!

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<tr>
<td>Protective Sleeves</td>
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</table>
**TRANSITION FITTINGS**

Polyethylene Pipe x Pipe Thread or Weld End
For Joining Polyethylene Pipe To Metallic Pipe

- **O-RING SEAL PROVIDES POSITIVE SEAL**
- **ZINC PLATED FOR CORROSION PROTECTION**
- **MECHANICALLY HELD - PROVIDES MAXIMUM PULL-OUT RESISTANCE** — tensile strength exceeds requirements of D.O.T., Title 49 of the Code of Federal Regulations, Part 192.283 (b)
- **AVAILABLE WITH 2406/2708 OR 3408/4710 P.E. EXTENSIONS**
- **CONFORMS TO ASTM D2513, & ANSI B31.8 & DOT 192.121**
- **AVAILABLE WITH MALE PIPE THREADED END**
## TRANSITION FITTINGS

For assistance call 1-800-558-1373 or FAX 1-800-788-1668 • Visit www.conind.com

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<thead>
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<th>OUTLET</th>
<th>WALL</th>
<th>INLET</th>
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For sizes not listed, contact Continental Industries.
Pressure rating—Designed to meet or exceed pressure rating of PE pipe per 49 CFR Part 192 and ASTM D2513.
† = CSA Approved / ‡ = IAPMO/UPC Listed
STEEL SERVICE TRANSITION PUNCH TEES WITH SEAL PLUG CAP
The Most Foolproof, Versatile, Economical Punch Tee Available

- CAP SCREWS DOWN INSIDE TEE BODY
- O-RING IN CAP PREVENTS LEAKAGE
- NO NEED FOR TEFLON TAPE OR THREAD SEALANT
- CAP CAN BE TIGHTENED BY HAND TO SEAL AT 800 PSI
- WELDS ARE TESTED TO 450 PSI
- PUNCH PROVIDES POSITIVE VALVE ACTION AT MAIN
- FAST - NO BULKY DRILLING EQUIPMENT NEEDED
- SAFE - NO BLOWING OF GAS
- TWO TYPES OF PUNCHES AVAILABLE (SEE PG 13)
- AVAILABLE IN WELD, THREADED OR SADDLE INLETS
- O-RING SEAL PROVIDES POSITIVE SEAL
- EPOXY COATED FOR CORROSION PROTECTION
- MECHANICALLY HELD - PROVIDES MAXIMUM PULL-OUT RESISTANCE—tensile strength exceeds requirements of D.O.T., Title 49 of the Code of Federal Regulations, Part 192.283 (b)
- AVAILABLE WITH 2406/2708 OR 3408/4710 P.E. EXTENSIONS
- CONFORMS TO ASTM D2513, ANSI B31.8 & DOT 192.121
# 1201 & 1302 Style Steel Service Punch Tees

Transition Outlets

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- For sizes not listed, contact Continental Industries.
- Replace ▲▲ with either 46 for 2406/2708 PE or 44 for 3408/4710 PE.
- Pressure rating—Designed to meet or exceed pressure rating of PE pipe per 49 CFR Part 192 and ASTM D2513.
- For optional punch sizes, see page 13.
- Recommended accessories:
  - 23-3691-00 ~ 5/16" Hex Drive Key, Bushing and Socket Adapter for 1201 Style Tees (pg 14)
  - 23-3692-00 ~ 3/8" Hex Drive Key, Bushing and Socket Adapter for 1302 Style Tees (pg 14)
  - 23-1644-00 ~ Test Plug Adapter for 1201 Style Tees (pg 14)
  - 23-1645-00 ~ Test Plug Adapter for 1302 Style Tees (pg 14)
- For Protective Sleeves, see page 18.
- For additional Accessories, see page 14.

| 23-3691-00 & 23-3692-00 | Hex Drive Key, Bushing and Socket Adapter for 1201 & 1302 Style Tees (pg 21) |

For Assistance Call 1-800-558-1373 or FAX 1-800-788-1668 • Visit www.conind.com
STEEL SERVICE TRANSITION PUNCH TEES WITH PIPE CAP
The Most Foolproof, Versatile, Economical Punch Tee Available

- WELDS ARE TESTED TO 450 PSI
- PUNCH PROVIDES POSITIVE VALVE ACTION AT MAIN
- FAST - NO BULKY DRILLING EQUIPMENT NEEDED
- SAFE - NO BLOWING OF GAS
- CAN BE FURNISHED WITH ANY TYPE CONTINENTAL OUTLET
- TWO TYPES OF PUNCHES AVAILABLE (SEE PG 13)
- AVAILABLE IN WELD, THREADED OR SADDLE INLETS
- O-RING SEAL PROVIDES POSITIVE SEAL
- EPOXY COATED FOR CORROSION PROTECTION
- MECHANICALLY HELD - PROVIDES MAXIMUM PULL-OUT RESISTANCE—tensile strength exceeds requirements of D.O.T., Title 49 of the Code of Federal Regulations, Part 192.283 (b)
- AVAILABLE WITH 2406/2708 OR 3408/4710 P.E. EXTENSIONS
- CONFORMS TO ASTM D2513, ANSI B31.8 & DOT 192.121

For Assistance Call 1-800-558-1373 or FAX 1-800-788-1668 • Visit www.conind.com
### 1214, 1315, 1416 & 1517 STYLE STEEL SERVICE PUNCH TEES

#### Transition Outlets

<table>
<thead>
<tr>
<th>OUTLET</th>
<th>WALL</th>
<th>INLET</th>
<th>PART NUMBER</th>
<th>PUNCH SIZE</th>
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For sizes not listed, contact Continental Industries. Replace ▲▲ with either 46 for 2406/2708 PE or 44 for 3408/4710 PE. Pressure rating—Designed to meet or exceed pressure rating of PE pipe per 49 CFR Part 192 and ASTM D2513. For optional punch sizes, see page 13. Recommended accessories; 23-3691-00 – 5/16” Hex Drive Key, Bushing and Socket Adapter for 1214 Style Tees (pg 14), 23-3692-00 – 3/8” Hex Drive Key, Bushing and Socket Adapter for 1315 Style Tees (pg 14), 23-0941-00 – 1/2” Square Drive Key, Bushing and Socket Adapter for 1416 Style Tees (pg 14), 23-0940-00 – 1/2” Square Drive Key, Bushing and Socket Adapter for 1517 Style Tees (pg 14) For Protective Sleeves, see page 18.
STEEL SERVICE TRANSITION SADDLE PUNCH TEES WITH SEAL PLUG CAP

- ONE PIECE PUNCH - dual heat treated for maximum performance. Helps prevent galling of threads under adverse punching conditions. Two type available.
- ALLEN KEY SOCKET - heat treated for maximum strength, will not strip or distort.
- O RING PREVENTS LEAKAGE
- HIGH STRENGTH STEEL BODY
- ZINC DICHROMATE PLATED NUT AND BOLT
- ELASTOMERIC O-RING SEAL
- EXCLUSIVE HINGE CONSTRUCTION
- FULL WRAP AROUND

SAME GREAT FEATURES FOUND ON THE SEAL PLUG CAP STYLE PUNCH TEES (SEE PAGE 5)
PLUS THE SADDLE PROVIDES:
- RUGGED ALL STEEL CONSTRUCTION
- FULL WRAP AROUND
- ELASTOMERIC O-RING SEAL
- EXCLUSIVE HINGE CONSTRUCTION
- USES SINGLE ZINC DICHROMATE PLATED NUT AND BOLT
- CAN BE USED FOR KEY HOLE APPLICATIONS

NOTE: STANDARD SADDLES TEES ARE FURNISHED WITH OUTLET PERPENDICULAR TO THE MAIN. CONTACT CONTINENTAL FOR OUTLETS PARALLEL TO THE MAIN.

TRANSITION SADDLE TEES ARE NOT EPOXY COATED.
# 1201 & 1302 STYLE
STEEL SADDLE TRANSITION SERVICE PUNCH TEES
Transition Outlets

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For sizes not listed, contact Continental Industries. Replace ▲ with either 46 for 2406/2708 PE or 44 for 3408/4710 PE. Pressure rating—Designed to meet or exceed pressure rating of PE pipe per 49 CFR Part 192 and ASTM D2513. For optional punch sizes, see page 13. Recommended accessories; 23-3691-00 – 5/16" Hex Drive Key, Bushing and Socket Adapter for 1201 Style Tees (pg 14), 23-3692-00 – 3/8" Hex Drive Key, Bushing and Socket Adapter for 1302 Style Tees (pg 14), 23-1644-00 – Test Plug Adapter for 1201 Style Tees (pg 14), 23-1645-00 – Test Plug Adapter for 1302 Style Tees (pg 14) For Protective Sleeves, see page 18. For additional Accessories, see page 14.

For Assistance Call 1-800-558-1373 or FAX 1-800-788-1668 • Visit www.conind.com
STEEL SERVICE TRANSITION SADDLE PUNCH TEES WITH PIPE CAP
The Most Foolproof, Versatile, Economical Punch Tee Available

- SAME GREAT FEATURES FOUND ON THE PIPE CAP STYLE PUNCH TEES (SEE PAGE 7)
  PLUS THE SADDLE PROVIDES;
  - RUGGED ALL STEEL CONSTRUCTION
  - FULL WRAP AROUND
  - ELASTOMERIC O-RING SEAL
  - EXCLUSIVE HINGE CONSTRUCTION
  - USES SINGLE ZINC DICHROMATE PLATED NUT AND BOLT
  - CAN BE USED FOR KEY HOLE APPLICATIONS

NOTE: STANDARD SADDLES TEES ARE FURNISHED WITH OUTLET PERPENDICULAR TO THE MAIN. CONTACT CONTINENTAL FOR OUTLETS PARALLEL TO THE MAIN TRANSITION SADDLE TEES ARE NOT EPOXY COATED.
### 1214, 1315, 1416 & 1517 Style

**Steel Saddle Transition Service Punch Tees**

#### Transition Outlets

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<td>1&quot; CR</td>
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For sizes not listed, contact Continental Industries. Replace ▲▲ with either 46 for 2406/2708 PE or 44 for 3403/4710 PE. Pressure rating—Designed to meet or exceed pressure rating of PE pipe per 49 CFR Part 192 and ASTM D2513. For optional punch sizes, see page 13. Recommended accessories: 23-3691-00 ~ 5/16" Hex Drive Key, Bushing and Socket Adapter for 1214 Style Tees (pg 14), 23-3692-00 ~ 3/8" Hex Drive Key, Bushing and Socket Adapter for 1315 Style Tees (pg 14), 23-0941-00 ~ 1/2" Square Drive Key, Bushing and Socket Adapter for 1416 Style Tees (pg 14), 23-0942-00 ~ 1/2" Square Drive Key, Bushing and Socket Adapter for 1517 Style Tees (pg 14) For Protective Sleeves, see page 18.

For Assistance Call 1-800-558-1373 or FAX 1-800-788-1668 • Visit www.conind.com
### PUNCH DATA — SIZES, TYPES & WALL LIMITS

#### “CR” Coupon Retaining Punch
Coupon is actually retained in head of punch – no more coupons left inside mains. Exclusive tip design reduces tapping torque. Available with all Continental Punch Tees.

#### “NC” No Coupon Punch
No “Coupon” Punch flares a hole in the main without producing a “Coupon”. Available in 1/4” & 3/8” sizes only. Specify “No Coupon Punch”.

- One piece tool steel
- Positive valve
- Socket and threads heat treated for maximum toughness
- Cutting tip is heat treated for maximum hardness

---

### PUNCH DATA — SIZES, TYPES & WALL LIMITS

#### 1/2” BODY PUNCHES

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<tr>
<th>TEE BODY SIZE</th>
<th>PUNCH TIP SIZE</th>
<th>NC CAT. NO.</th>
<th>CR CAT. NO.</th>
<th>DRIVE KEY SIZE</th>
<th>DRIVE KEY CATALOG NO.</th>
<th>MAX. WALL THICKNESS</th>
<th>MAX. PIPE YIELD STRENGTH</th>
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#### 1” BODY PUNCHES

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#### 1 1/4” BODY PUNCHES

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<td>0.25</td>
<td>65 ksi</td>
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† Standard
Lubricant must be applied to the punch threads and punch tip. Acceptable lubricants include thread cutting oil, tapping
ACCESSORIES FOR STEEL PUNCH TEES

**DRIVE KEYS TO BE USED WITH 1/2" BODY PUNCH TEE STYLES: 1201 & 1214**

- 0000-23-3691-00 ~ 5/16" HEX DRIVE KEY, BUSHING AND SOCKET ADAPTER
- 0000-23-1018-00 ~ REPLACEMENT 5/16" HEX DRIVE KEY FOR 0000-23-3691-00
- 0000-23-1019-00 ~ REPLACEMENT BUSHING FOR 0000-23-3691-00
- 0000-23-1020-00 ~ REPLACEMENT SOCKET ADAPTER FOR 0000-23-3691-00
- 0000-23-1021-00 ~ 5/16" HEX DRIVE KEY AND BUSHING ONLY
- 0000-23-0553-01 ~ 5/16" HEX DRIVE KEY, BUSHING AND ADAPTER FOR USE WITH DRESSER’S® 1 1/8" SQUARE RATCHET

**DRIVE KEYS TO BE USED WITH 3/4" BODY PUNCH TEE STYLES 1302 & 1315**

- 0000-23-3692-00 ~ 3/8" HEX DRIVE KEY, BUSHING AND SOCKET ADAPTER
- 0000-23-0544-00 ~ REPLACEMENT 3/8" HEX DRIVE KEY FOR 0000-23-3692-00
- 0000-23-0543-00 ~ REPLACEMENT BUSHING FOR 0000-23-3692-00
- 0000-23-0542-00 ~ REPLACEMENT SOCKET ADAPTER FOR 0000-23-3692-00
- 0000-23-0481-00 ~ 3/8" HEX DRIVE KEY AND BUSHING ONLY
- 0000-23-0553-00 ~ 3/8" HEX DRIVE KEY, BUSHING AND ADAPTER FOR USE WITH DRESSER’S® 1 1/8" SQUARE RATCHET

**DRIVE KEYS TO BE USED WITH 1" BODY PUNCH TEE STYLE 1416**

- 0000-23-0941-00 ~ 1/2" SQUARE DRIVE KEY, BUSHING AND SOCKET ADAPTER
- 0000-23-7236-00 ~ REPLACEMENT 1/2" SQUARE DRIVE KEY FOR 0000-23-0941-00
- 0000-23-0882-01 ~ REPLACEMENT BUSHING FOR 0000-23-0941-00

**DRIVE KEYS TO BE USED WITH 1 1/4" BODY PUNCH TEE STYLE 1517**

- 0000-23-0940-00 ~ 1/2" SQUARE DRIVE KEY, BUSHING AND SOCKET ADAPTER
- 0000-23-7236-00 ~ REPLACEMENT 1/2" SQUARE DRIVE KEY FOR 0000-23-0940-00
- 0000-23-0883-01 ~ REPLACEMENT BUSHING FOR 0000-23-0940-00

**OTHER ACCESSORIES**

- 0000-23-1644-00 ~ TEST PLUG ADAPTER FOR 1201 STYLE PUNCH TEES
- 0000-23-1645-00 ~ TEST PLUG ADAPTER FOR 1302 STYLE PUNCH TEES
- 0000-08-1554-03 ~ REPLACEMENT O-RING FOR 0000-23-1644-00 TEST PLUG ADAPTER
- 0000-08-1554-04 ~ REPLACEMENT O-RING FOR 0000-23-1645-00 TEST PLUG ADAPTER
STEEL SERVICE SAFE-T VALVE TEES
WITH PIPE CAP

A VALVE TEE FOR THE COST OF MOST PLAIN TEES
EASILY INSTALLED WITH ANY STANDARD DRILLING MACHINE
WELDS ARE TESTED TO 450 PSI
AVAILABLE IN WELD OR THREADED INLETS
O-RING SEAL PROVIDES POSITIVE SEAL
EPOXY COATED FOR CORROSION PROTECTION
MECHANICALLY HELD - PROVIDES MAXIMUM PULL-OUT RESISTANCE—tensile strength exceeds requirements of D.O.T., Title 49 of the Code of Federal Regulations, Part 192.283 (b)
AVAILABLE WITH 2406/2708 OR 3408/4710 P.E. EXTENSIONS
CONFORMS TO ASTM D2513, ANSI B31.8 & DOT 192.121
### OUTLET | WALL | INLET | PART NUMBER
--- | --- | --- | ---
1/2” CTS (5/8” OD) | .090 | 3/4” Weld | 1319-10-▲▲04-00
 | | 3/4” Threaded | 1319-11-▲▲04-00
 | | 1” Weld | 1420-10-▲▲04-00
 | | 1” Threaded | 1420-11-▲▲04-00
1” CTS (1 1/8” OD) | .099/.101 | 3/4” Weld | 3139-10-▲▲08-00
 | | 3/4” Threaded | 3139-11-▲▲08-00
 | | 1” Weld | 1420-10-▲▲08-00
 | | 1” Threaded | 1420-11-▲▲08-00
1/2” IPS | SDR-9.33 (.090) | 3/4” Weld | 1319-10-▲▲12-00
 | | 3/4” Threaded | 1319-11-▲▲12-00
 | | 1” Weld | 1420-10-▲▲12-00
 | | 1” Threaded | 1420-11-▲▲12-00
3/4” IPS | SDR-11 (.095) | 3/4” Weld | 1319-10-▲▲13-00
 | | 3/4” Threaded | 1319-11-▲▲13-00
 | | 1” Weld | 1420-10-▲▲13-00
 | | 1” Threaded | 1420-11-▲▲13-00
1” IPS | SDR-11 (.119) | 1” Weld | 1420-10-▲▲14-00
 | | 1” Threaded | 1420-11-▲▲14-00
1 1/4” IPS | SDR-10 (.166) | 1 1/4” Weld | 1521-10-▲▲15-00
 | | 1 1/4” | 1521-11-▲▲15-00

For sizes not listed, contact Continental Industries. Replace ▲▲ with either 46 for 2406/2708 PE or 44 for 3408/4710 PE.
Pressure rating—Designed to meet or exceed pressure rating of PE pipe per 49 CFR Part 192 and ASTM D2513.
Recommended accessories; 23-0549-00 – Adapter and Key for H-17045 Completion Machine (pg 17)
For Protective Sleeves, see page 18.
For additional Accessories, see page 17.
ACCESSORIES FOR STEEL VALVE TEES

23-0549-00 ~ Adapter & Key Assembly for H-17045 Completion Machine
## PE PROTECTIVE SLEEVES

### Catalog Number

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<tr>
<th>CATALOG NUMBER</th>
<th>DIAMETER</th>
<th>LENGTH</th>
<th>FOR USE WITH CONTINENTAL PRODUCTS</th>
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<td>STEEL FITTINGS</td>
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NOTE: It is advisable to limit shear at main connections. In this regard, your company’s policies should be followed. For further information, reference: ASTM D 2774 Standard Practice for Underground Installation of Thermoplastic Pressure Piping; Code of Federal Regulations, Title 49, Transportation Part 192; AGA Plastic Pipe Manual and/or The Guidance Manual for Operators of Small Gas Systems by the U.S. Department of Transportation.
Continental’s Transition Punch Tees & Transition Saddle Punch Tees provide the user with the following advantages:

• Cost effective joining method
• No bulky drilling equipment required
• Safe - No blowing of gas
• Two types of punches available
• Meets or exceeds all D.O.T. and ASTM requirements
• Can be furnished with any type polyethylene

Each Saddle provides the following unique features:

• Rugged all steel construction
• Full saddle wraparound
• Elastomeric O ring seal
• Exclusive hinge design
• Uses single zinc dichromate plated SAE J429 Grade 2 nut and bolt

Continental Industries is an ISO 9001 Certified Company. Continental’s Transition Punch Tees and Transition Saddle Punch Tees are manufactured and tested to the following industry standards.

• ASTM D 2513 “Standard Specification for Thermoplastic Gas Pressure Pipe, Tubing and Fittings”
• ASME B31.8-1995 “Gas Transmission and Distribution Piping Systems”
• D.O.T., Title 49 of the Code of Federal Regulations, Part 192.283 (b) & 192.367
Superior Quality | Superior Service | Superior Selection

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