Hammer-Free Quick Coupling
The 3TL Transfer Loading Series is an all-purpose, high-performance quick coupling. Designed with a metal-to-metal wedge seal, the 3TL requires NO HAMMERING for a secure connection regardless of pressure and temperature.

Features and Benefits
- Takes on virtually any pressure at any temperature for a leak-free connection
- Metal-to-metal wedge seal replaces the need for hammer unions
- Tightening by hand only requires light torque – no more straining
- Unique disengagement safety feature automatically vents residual pressure
- Fits in the smallest of areas and is available in any combination of threaded, butt- or socket-welded ends
- Customizable sleeve handles available
- Backup O-ring seal provides redundant/secondary sealing

Specifications
- Available in Sizes: 1” – 6”
- Materials of Construction: Carbon Steel or Stainless Steel
- End-Connection Types: FNPT, butt weld, socket weld (male, female)
- Designed and Tested to ANSI B31.3
- Quality Assurance to ISO 9001-2000
- Meets NACE Corrosion Specifications
- Full Material Traceability Available

Applications
Perfect for situations where connections of high or low temperatures and pressures are experienced – in-plant, through plant, out-of-plant.

- Cryogenics
- Steam
- Oil
- LPG
- LNG
- Acids
- EO
- Chlorine
- Ammonia
- Paints
- Fracking
- Metal Alkyls
- And More
## 3TL Series Metal-to-Metal Advantage

**Available Sleeves**
- Lugged Sleeve available in 2" Brass only
- Loop Handle Sleeve available in 1", 1 1/2", 2", 3" and 4"
- Impact Union Sleeve available in 2" only
- Bar Handle Sleeve available in 2", 3" and 4"

### 3TL Series Temperature and Pressure Ratings

<table>
<thead>
<tr>
<th>Size</th>
<th>Fluorocarbon, Aflas®, Teflon®</th>
<th>EPDM</th>
<th>Buna-N</th>
<th>Neoprene</th>
<th>Max PSI</th>
<th>Max BAR</th>
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</thead>
<tbody>
<tr>
<td>1&quot; CS</td>
<td>400° F</td>
<td>300° F</td>
<td>149° C</td>
<td>248° F</td>
<td>120° C</td>
<td>275° F</td>
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<tr>
<td>1&quot; SST</td>
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**NOTE:** This chart represents the most commonly requested specifications. Call (513) 932-9114 if higher temperature and pressure tolerances are required.