Guards against accidental disconnects

The Twister Locking Quick Connect (LQC) is the only coupling in the world guaranteed to not come off when pressure is in the line. Engineered for critical-service applications, the LQC excels in extreme temperatures and pressures.

Features & Benefits:

- **RAPID ENGAGEMENT**, 1/4 twist on/off
- **LOW-PRESSURE OR VACUUM LOCKING**
- **COUPLING LOCKS DURING UNCOUPLING** should residual product or line pressure be present
- **SMOOTH BORE**, ideal for pigging applications
- **COMMERCIALY AVAILABLE O-RING SEALS**
- **OPTIONAL SNAP-IN CUSTOMIZED HANDLES** for tight spots
LQC Quick Coupling – Connecting with a Twist

Order Guide

<table>
<thead>
<tr>
<th>NOMINAL SIZE</th>
<th>PLAIN END COATING</th>
<th>MALE END COATING</th>
<th>HILTAP DRAWING PACKAGE CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 - 1&quot;</td>
<td>N - None</td>
<td>Blank if Female Half Only</td>
<td>3124 - 1&quot;, 2&quot;, 3&quot;, 4&quot; Couplings</td>
</tr>
<tr>
<td>20 - 2&quot;</td>
<td>A - Electroless Ni (High Phos)</td>
<td>A - Electroless Nickle (High Phos)</td>
<td>3122 - 6&quot; Coupling</td>
</tr>
<tr>
<td>30 - 3&quot;</td>
<td>Z* - Zinc</td>
<td>Z* - Zinc</td>
<td>3109 - 4&quot; LQC Closure</td>
</tr>
<tr>
<td>40 - 4&quot;</td>
<td>E - Anodized Red</td>
<td>E - Anodized Red</td>
<td>3098 - 2&quot; and 3&quot; LQC Closure</td>
</tr>
<tr>
<td>60 - 6&quot;</td>
<td>S - Anodized Clear</td>
<td>S - Anodized Clear</td>
<td>for PIG Launcher</td>
</tr>
<tr>
<td></td>
<td>F - Anodized Blue</td>
<td>F - Anodized Blue</td>
<td>for PIG Launcher</td>
</tr>
</tbody>
</table>

LQC - 30 - 1 N 1 N - A - 3124 - A N - H - V7

FITTING DESIGNATION
LQC - Locking Quick Connect

PLAIN END CONNECTION TYPE
1 - Female NPT
3 - Butt Weld
5 - Female Socket Weld
SC - Seal Cap

MALE END CONNECTION TYPE
X - None (Female Half Only)
1 - Female NPT
3 - Butt Weld
5 - Female Socket Weld
SP - Seal Plug

MATERIAL
A - Stainless Steel A479-316/316L (SA)
D - Carbon Steel A350 Gr. LF2 Cl.1 NACE
H - Aluminum 6061-T6

SLEEVE STYLE
A - Standard Wagon Wheel Sleeve with Plunger
HND - Wagon Wheel with Crank Handle Sleeve
LH - Loop Handle Sleeve (No Standard)

SLEEVE COATING CODE
N - None
A - Electroless Nickle (High Phos)
Z* - Zinc
E - Anodized Red
S - Anodized Clear
F - Anodized Blue

SLEEVE MATERIAL IF DIFFERENT FROM WETTED PARTS
A - Stainless Steel A479-316/316L (SA)
D - Carbon Steel A350 Gr. LF2 Cl.1 NACE
H - Aluminum 6061-T6

O-RING MATERIAL
V7 - Fluorocarbon 75D

PLAIN END COATING
N - None
A - Electroless Ni (High Phos)
Z* - Zinc
S - Anodized Clear
F - Anodized Blue

MALE END COATING
- Blank if Female Half Only
N - None
A - Electroless Nickle (High Phos)
Z* - Zinc
E - Anodized Red
F - Anodized Blue

LQC Temperature and Pressure Ratings

<table>
<thead>
<tr>
<th>Size</th>
<th>Fluorocarbon, EPDM, Sat. Nitrile, Encap Fluorocarbon</th>
<th>Buna-N</th>
<th>Neoprene</th>
<th>Max PSI</th>
<th>Max BAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot; CS</td>
<td>250° F 121° C</td>
<td>248° F 120° C</td>
<td>120° C</td>
<td>250° F</td>
<td>121° C</td>
</tr>
<tr>
<td>1&quot; SST</td>
<td>250° F 121° C</td>
<td>248° F 120° C</td>
<td>120° C</td>
<td>250° F</td>
<td>121° C</td>
</tr>
<tr>
<td>1&quot; Alum</td>
<td>250° F 121° C</td>
<td>248° F 120° C</td>
<td>120° C</td>
<td>250° F</td>
<td>121° C</td>
</tr>
<tr>
<td>2&quot; Aluminum &amp; 2&quot; CS and SST w/ Aluminum Sleeve</td>
<td>250° F 121° C</td>
<td>248° F 120° C</td>
<td>120° C</td>
<td>250° F</td>
<td>121° C</td>
</tr>
<tr>
<td>2&quot; CS</td>
<td>250° F 121° C</td>
<td>248° F 120° C</td>
<td>120° C</td>
<td>250° F</td>
<td>121° C</td>
</tr>
<tr>
<td>2&quot; SST</td>
<td>250° F 121° C</td>
<td>248° F 120° C</td>
<td>120° C</td>
<td>250° F</td>
<td>121° C</td>
</tr>
<tr>
<td>3&quot; Aluminum &amp; 3&quot; CS and SST w/ Aluminum Sleeve</td>
<td>250° F 121° C</td>
<td>248° F 120° C</td>
<td>120° C</td>
<td>250° F</td>
<td>121° C</td>
</tr>
<tr>
<td>3&quot; CS</td>
<td>250° F 121° C</td>
<td>248° F 120° C</td>
<td>120° C</td>
<td>250° F</td>
<td>121° C</td>
</tr>
<tr>
<td>3&quot; SST</td>
<td>250° F 121° C</td>
<td>248° F 120° C</td>
<td>120° C</td>
<td>250° F</td>
<td>121° C</td>
</tr>
<tr>
<td>4&quot; Aluminum &amp; 4&quot; CS and SST w/ Aluminum Sleeve</td>
<td>250° F 121° C</td>
<td>248° F 120° C</td>
<td>120° C</td>
<td>250° F</td>
<td>121° C</td>
</tr>
<tr>
<td>4&quot; CS</td>
<td>250° F 121° C</td>
<td>248° F 120° C</td>
<td>120° C</td>
<td>250° F</td>
<td>121° C</td>
</tr>
<tr>
<td>4&quot; SST</td>
<td>250° F 121° C</td>
<td>248° F 120° C</td>
<td>120° C</td>
<td>250° F</td>
<td>121° C</td>
</tr>
</tbody>
</table>

NOTE: This chart represents the most commonly requested specifications. Call (513) 932-9114 if higher temperature and pressure tolerances are required.