Mission Rubber Company LLC
1660 Leeson Lane
Corona, CA 92879
(800) 854-9991 • Fax (800) 637-4601
missionrubber.com

For Installations Requiring a Shielded Transition Coupling that Joins Similar and Dissimilar Pipe Sizes and Pipe Materials

SIZES ¾” THROUGH 4” - 2 BANDS
SIZES 5” THROUGH 12” - 4 BANDS

CLAMP DETAILS

MISSION REFERENCE
T & BWT SERIES

SHIELD DIMENSIONS

SEALING GASKET DIMENSIONS

<table>
<thead>
<tr>
<th>T &amp; BWT SERIES</th>
<th>L</th>
<th>W</th>
<th>D1</th>
<th>D2</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>T 150</td>
<td>7.75</td>
<td>2.12</td>
<td>1.50</td>
<td>1.90</td>
<td>2.12</td>
</tr>
<tr>
<td>T 215</td>
<td>9.38</td>
<td>2.12</td>
<td>1.50</td>
<td>2.38</td>
<td>2.12</td>
</tr>
<tr>
<td>BWT 150</td>
<td>7.75</td>
<td>2.12</td>
<td>1.30</td>
<td>1.50</td>
<td>2.12</td>
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</tbody>
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Used to Join - T Series couplings are used to join tubular to cast iron, plastic or steel for T 150 and T 215. BWT Series couplings are used to join tubular to tubular for BWT 150.

Mission's Band-Seal® Specialty Coupling is a shielded transition coupling designed to connect similar and dissimilar pipe sizes and materials. Coupling consists of two (2) or four (4) 301 series stainless steel worm drive clamps, a 300 series stainless steel shield over a molded one-piece elastomeric sealing gasket, T & BWT Series couplings are available in sizes 1½” to 2”, which utilize two (2) clamps.

Leak-Proof Seal - Stainless steel clamps provide a positive seal when properly tightened to 60 in/lbs. of torque. Sealing “O” Rings are installed under each sealing clamp to prevent pipe slippage and create a more positive seal, ensuring a water-tight, leak-proof and root-proof seal.

Corrosion Resistant - 300 series stainless steel components provide highly effective corrosion resistance in a variety of environments.

Joint Movement Restraint - The Band-Seal® Specialty Coupling provides for superior load bearing control between the coupling and pipe surface. The coupling’s rugged construction provides excellent sealing properties, and the stainless steel shield offers excellent resistance to shear forces and helps with alignment, while maintaining flexibility.

Internal Pipe Stop - For proper pipe positioning and noise/vibration reduction.

Pre-Set Calibration - All Band-Seal® Specialty Couplings are designed to be installed with a pre-set torque wrench calibrated to 60 in/lbs. maximum to accommodate the 305 series stainless steel ⁵⁄₁₆” hex head screw.

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Band-Seal® Coupling - Submittal
T & BWT Series

Performance Couplings for Similar and Dissimilar Pipe Sizes and Materials

PROJECT __________________________
ENGINEER _________________________
CONTRACTOR ______________________

MEETS:
ASTM C 1460
ASTM C 564
ASTM A240/A240M
CSA B602
UPC 0743

MATERIALS

Band: Series 301 ASTM stainless steel
Screw Housing: Series 301 ASTM stainless steel
Screw: Series 305 ASTM stainless steel
Shield: Series 301 ASTM stainless steel
Gasket: This gasket is fabricated from a compound with high-quality elastomeric properties to meet physical testing

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