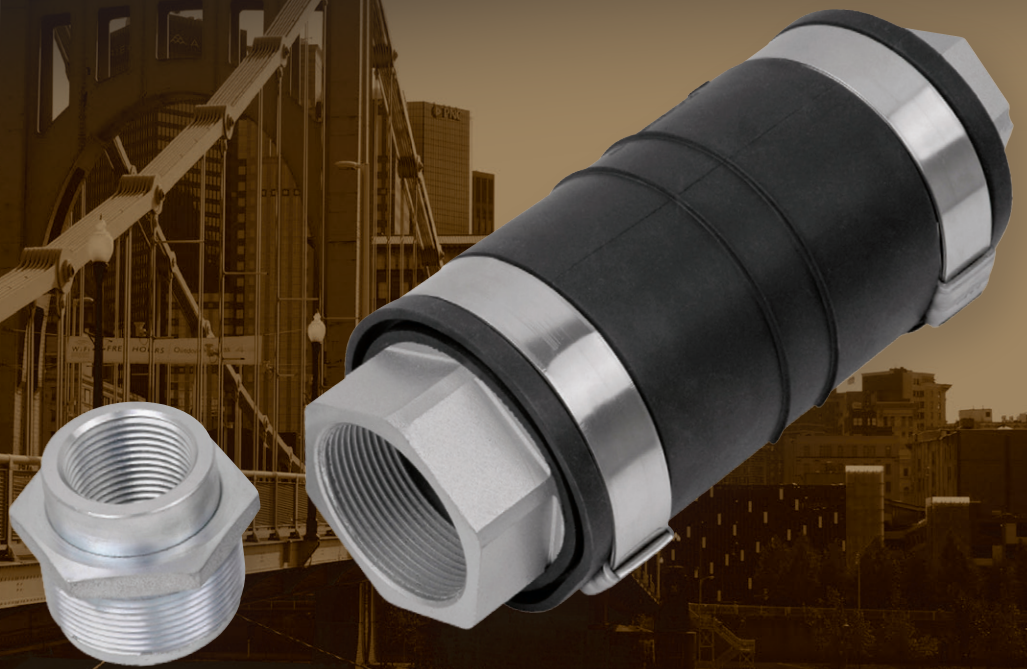


Watertight, Flexible Connections Support Movement and Thermal Expansion



**XD Expansion/Deflection
Coupling for Rigid Conduit**

Thomas & Betts. Your best connection for innovative solutions.

Wire & Cable Management • Cable Protection Systems • Power Connection & Control • Safety Technology

T&B® XD Expansion/Deflection Coupling for Rigid Conduit

A Better Solution for Expansion/Deflection Coupling of Rigid Metal Conduit



Use the XD Expansion/Deflection Coupling to join two conduit runs in applications where movement in any direction is required. The coupling provides a flexible, watertight connection, accommodating axial or parallel movement of up to 3/4 in. and angular movement of up to 30° from normal position.

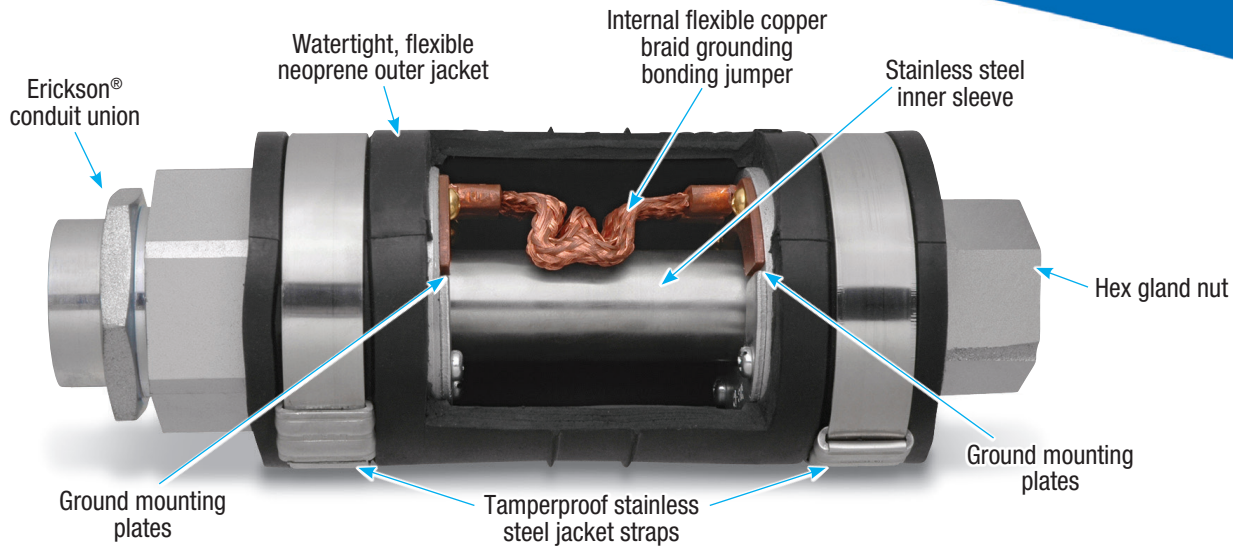
While similar fittings exist on the market today, this new and enhanced XD Expansion/Deflection Coupling ships complete with an Erickson® conduit union to significantly reduce installation time and effort and includes a stainless steel inner sleeve for extreme durability, protection and easier wire pulling. The hubs are zinc-plated and then coated with aluminum acrylic paint for dual-layer corrosion protection. In addition, the copper ground mounting plates and internal grounding bonding jumper are entirely enclosed inside the coupling for added security against vandalism and theft.

Features

- Accommodates axial expansion/contraction up to 3/4 in., parallel deflection up to 3/4 in. and angular misalignment up to 30°
- Suitable for use indoors, outdoors, direct buried or embedded in concrete
- Watertight, flexible neoprene outer jacket, zinc-plated and acrylic-painted hubs and stainless steel tamper-proof straps ensure superior corrosion resistance — ideal for use in harsh environments
- Copper ground mounting plates and internal grounding bonding jumper both entirely enclosed to safeguard against theft
- Includes an Erickson® conduit union for faster, easier installation to reduce labor costs
- Durable stainless steel inner sleeve provides a constant, smooth inner diameter in any position to ease wire pulling and protect wire insulation from damage
- NPT threaded hubs fit standard threaded rigid metal conduit
- Can also be used with rigid PVC conduit with the use of standard adapters (not supplied)

Standard Materials/Finishes

Hub	Cast iron, zinc-plated and painted with aluminum acrylic paint
Inner Sleeve	Stainless steel
Internal Grounding Bonding Jumper	Flexible copper braid
Ground Mounting Plates	Copper
Hub Rings	Zinc-plated steel
Outer Jacket	Molded neoprene (natural black)
Jacket Straps	Stainless steel



Typical Applications

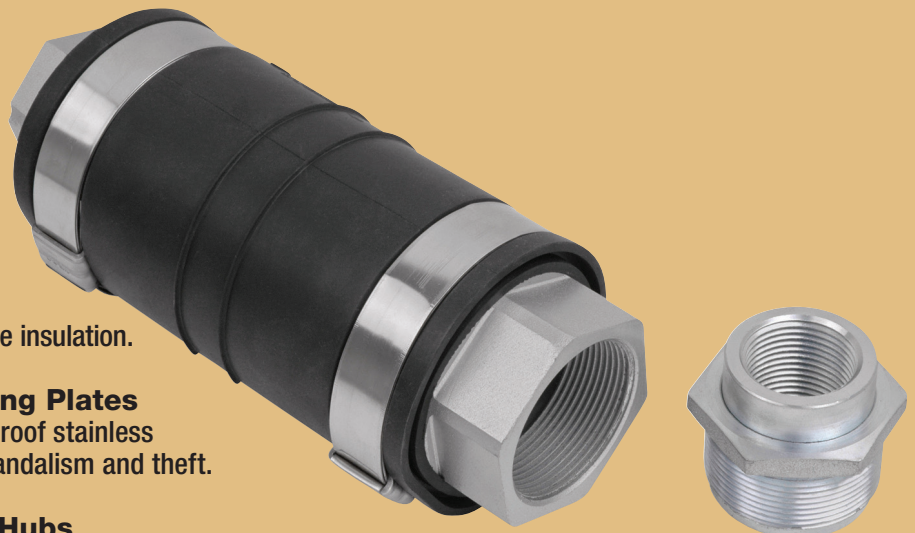
- Bridges
- Tunnels
- Inter-building walkways
- Docks and piers
- Wastewater and water treatment facilities
- Any other application in which conduit runs are subject to movement due to external forces or temperature changes

Certifications/Compliances

- CSA Certified to C22.2 and UL Listed to UL 514B No. 18 Suitable for Wet Locations (hub sizes 1 in. – 2-1/2 in.)
- Watertight
- NEC Article 250.98 compliant

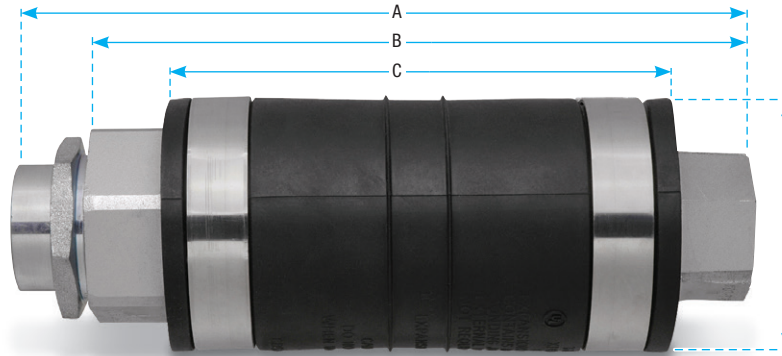
Why the XD Expansion/Deflection Coupling is Better

- 1 Erickson® Conduit Union**
 Included union significantly speeds up installation, reducing your labor costs.
- 2 Stainless Steel Inner Sleeve**
 Stronger and more durable than plastic tubes or corrugated hose and better able to withstand friction from pulling ropes. Provides a smooth transition to ease wire pulling and reduce chance of damage to wire insulation.
- 3 Enclosed Copper Ground Mounting Plates**
 Totally enclosed and secured with tamperproof stainless steel jacket straps for protection against vandalism and theft.
- 4 Dual-Layer Corrosion-Protected Hubs**
 Are zinc-plated and then coated with aluminum acrylic paint for extra corrosion resistance.



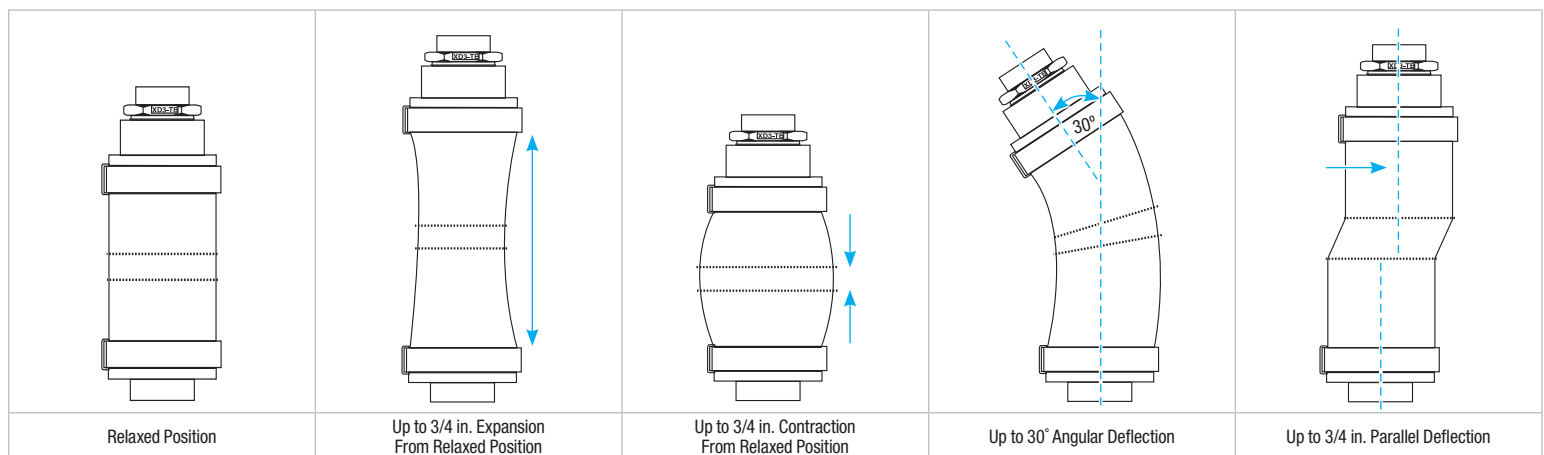
T&B® XD Expansion/Deflection Coupling for Rigid Conduit

A Superior Coupling at a Competitive Price



T&B® Fittings XD Expansion/Deflection Couplings for Rigid Conduit

Cat. No.	Size (in.)	A (in.)	B (in.)	C (in.)	D (in.)	Std. Pkg. Qty.
XD3-TB	1	9-13/16	8-15/32	6-7/16	3-11/32	1
XD4-TB	1-1/4	9-3/16	8-3/8	6-7/8	3-7/8	1
XD5-TB	1-1/2	9-1/4	8-7/32	6-3/4	4-5/32	1
XD6-TB	2	9-3/4	8-21/32	7-1/4	4-11/16	1
XD7-TB	2-1/2	11-3/4	11-3/8	8-1/2	4-7/8	1
XD8-TB	3	10-1/2	9-21/32	7-21/32	5-15/16	1
XD9-TB	3-1/2	10-9/16	9-3/4	7-3/4	6-5/8	1
XD010-TB	4	13-3/16	11-27/32	8-7/8	7-9/32	1
XD012-TB	5	14	12-15/16	11	8-9/32	1
XD014-TB	6	14-5/16	13-3/8	11-3/8	9-19/32	1



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