

T&B® Fittings

**Easy to Install — Save Time
and Money on the Job**

No Disassembly Required



XJG Conduit Expansion Couplings for Rigid Conduit

Thomas & Betts. Your best connection for innovative solutions.

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

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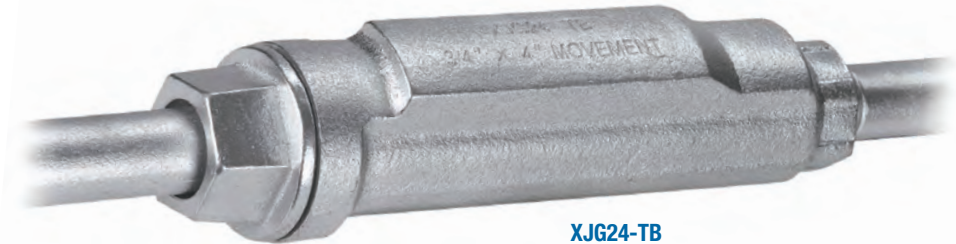
XJG Conduit Expansion Couplings for Rigid conduit

Whenever you install a rigid expansion coupling in a long conduit run, you normally need three hands, two strong backs and lots of patience. Now you can relax. With the no-hassle XJG Conduit Expansion Coupling, installation is just a few turns and you're done. The XJG Conduit Expansion Coupling features innovations that provide conveniences to the installer, saving time and money on the job. There's no disassembly needed during the installation, requiring fewer tools and there are less opportunities for lost pieces.



Innovative Design Makes Installation Easier

- No disassembly necessary to install
- Fast, simple and requires fewer steps
- True internal bonding jumper — no external grounding strap required
- Tamper-proof internal jumper protected from the environment
- Exceed code requirements for long conduit runs to permit linear movement



XJG24-TB

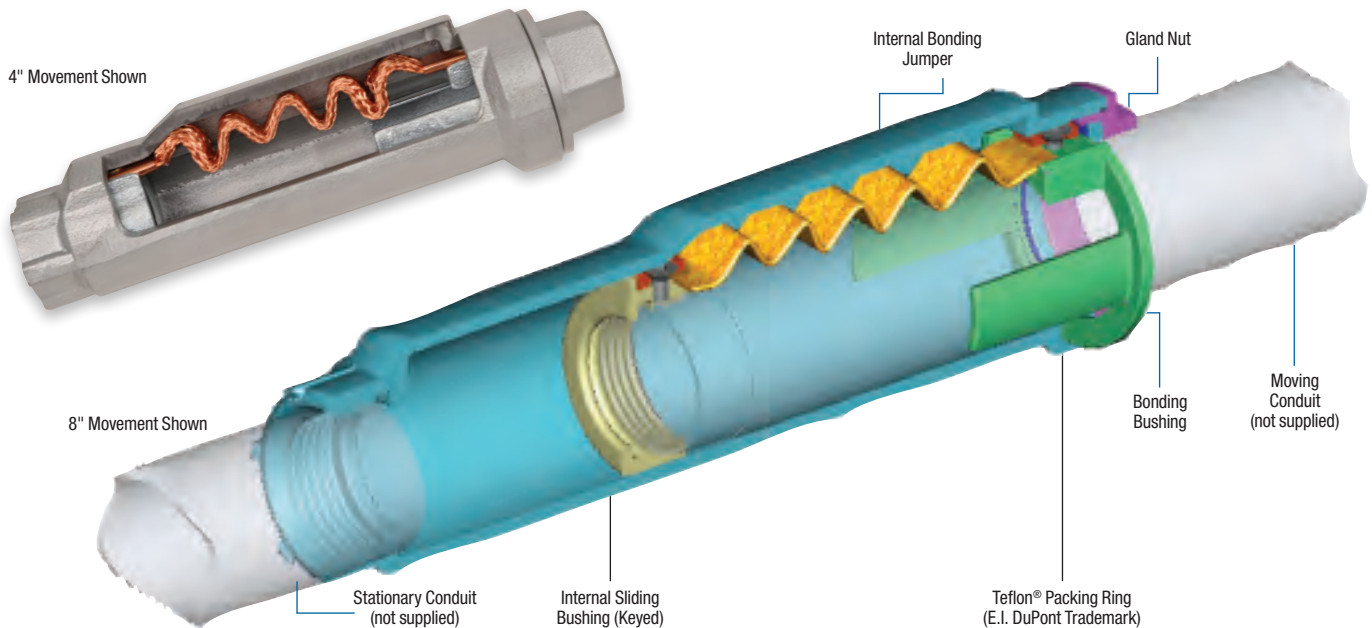


If you need a fitting that can give and take without a lot of hassle, reach for the XJG Conduit Expansion Coupling. It's the latest breakthrough in the industry's leading line of conduit fittings.

Contact your local representative for more information regarding the XJG Conduit Expansion Coupling and the complete line of conduit fittings from the name you trust for quality design and manufacturing: Thomas & Betts.

No External Bonding Jumper Required

The XJG Conduit Expansion Coupling also packs an added punch: it's the only fitting of its kind that features a true internal bonding jumper. This eliminates the need for additional external bonding jumpers, so there are fewer parts to buy and install.



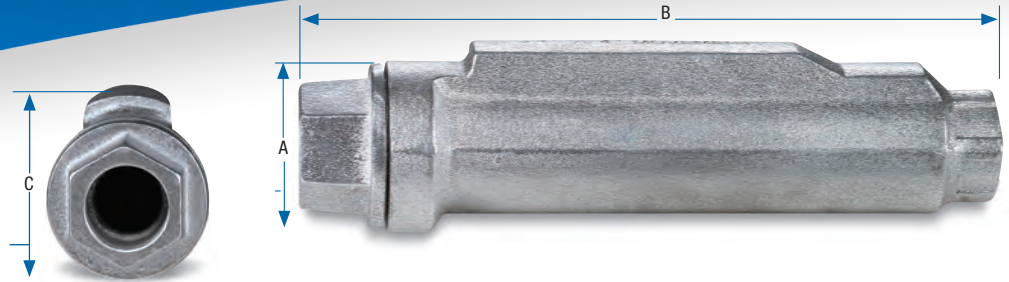
1 Slide the fitting onto the conduit until it stops at the internal sliding bushing. Tighten and you're ready. No parts to reassemble!



2 With a wrench, tighten the gland nut to compress the Teflon® packing, creating a raintight seal around the conduit.



3 Thread the next length of conduit into the other end of the fitting and tighten. You're done!



Suggested Specifications

Expansion Fittings for Rigid Steel or Intermediate Metal Conduit

Used where:

- Raceways require expansion fittings to compensate for thermal expansion and contraction
- Expansion fittings and telescoping sections of metal raceway must be made electrically continuous by bonding jumpers or other means
 - Fitting will be constructed from cast iron with exterior and interior zinc plating for corrosion protection
 - The fitting shall be constructed so that disassembly is not required during installation
 - Fitting shall be raintight after installation
 - The fitting shall have an internal bonding jumper constructed of a copper braid, sized to meet UL fault current test requirements and comply with bonding requirements — CEC article 10-612 and 10-614
 - External bonding jumper shall not be required to comply with CEC requirements
 - Accepted Manufacturer:
Thomas & Betts — XJG-TB Series



* Available as Ocal™ XJG24-G for use on extremely corrosive applications.



XJG Expansion Couplings for Rigid Conduit

Cat. No.	Size (in.)	Movement (in.)	A Diameter (in.)	B Length (in.)	C Height (in.)
XJG24-TB	3/4	4	2.43	10.00	2.75
XJG28-TB	3/4	8	2.43	14.00	2.75
XJG34-TB	1	4	2.67	10.00	2.99
XJG38-TB	1	8	2.67	14.00	2.99
XJG44-TB	1-1/4	4	3.36	10.56	3.68
XJG48-TB	1-1/4	8	3.36	14.56	3.68
XJG54-TB	1-1/2	4	3.36	10.56	3.68
XJG58-TB	1-1/2	8	3.36	14.56	3.68
XJG64-TB	2	4	3.86	11.25	4.18
XJG68-TB	2	8	3.86	15.25	4.18
XJG74-TB	2-1/2	4	4.96	12.12	5.25
XJG78-TB	2-1/2	8	4.96	16.12	5.25
XJG84-TB	3	4	4.96	12.12	5.25
XJG88-TB	3	8	4.96	16.12	5.25
XJG94-TB	3-1/2	4	6.37	12.87	6.75
XJG98-TB	3-1/2	8	6.37	16.87	6.75
XJG104-TB	4	4	6.37	12.87	6.75
XJG108-TB	4	8	6.37	16.87	6.75
XJG1208-TB	5	8	7.99	18.87	8.56

Also available in PVC Ocal™ coating and for EMT.

Standard Materials/Finish

Body:	Malleable or Ductile Iron, available PVC Coated
Internal Bonding Jumper:	Copper Braid
Exterior and Interior Finish:	Zinc Plating, Aluminum Acrylic Paint
Packing:	PTFE/Synthetic Fiber Material (Teflon® Coated)

Teflon® is a trademark of DuPont.

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