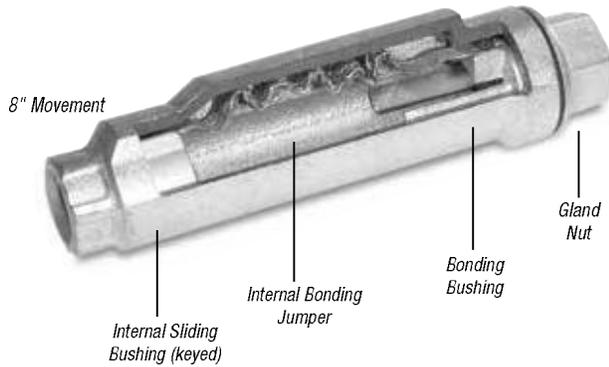


Couplings and Accessories

No disassembly required! XJG Conduit Expansion Coupling



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



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

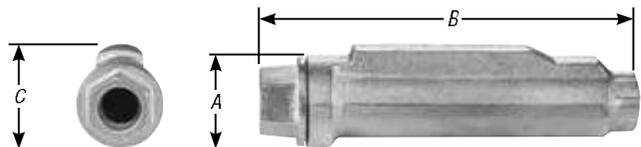


Thread the next length of conduit into the other end of the fitting and tighten. You're done!

Suggested Specifications for Expansion Fittings for Rigid Steel or Intermediate Metal Conduit

Where raceways require expansion fittings to compensate for thermal expansion and contraction and where expansion fittings and telescoping sections of metal raceway shall be made electrically continuous by bonding jumpers or other means:

- The fitting will be constructed from malleable or ductile iron with exterior and interior zinc plating for corrosion protection.
- The fitting shall be constructed so that disassembly is not required during installation.
- The fitting shall be raintight after installation.
- The fitting shall have an internal bonding jumper constructed of a tinned copper braid, sized to meet UL fault current test requirements and comply with bonding requirements — NEC® Article 250.98
- External bonding jumper shall not be required to comply with NEC® requirements
- Accepted Manufacturers: Thomas & Betts XJG-TB Series



XJG-TB Conduit Expansion Coupling for Rigid and Intermediate Metal Conduit

CAT NO.	SIZE	MOVEMENT	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

Please consult Technical Services for special orders and availability of products not shown in this list.

Couplings and Accessories



XJG24-EMT

Features

- Fast and easy installation — no disassembly required
- No external grounding strap needed — internal bonding jumper is protected from tampering and the environment
- Exceeds code requirements for long conduit runs to permit linear movement

Standard Materials/Finish

Body Ductile Iron, available PVC Coated
 Internal Bonding Jumper Tinned Copper Braid
 Exterior and Interior Finish Zinc Plating, Aluminum Acrylic Paint
 Packing PTFE/Synthetic Fiber Material

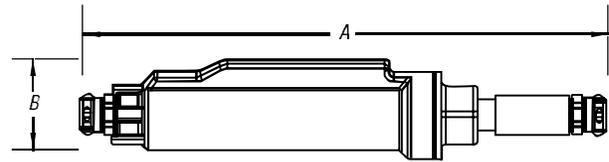
Listings/Compliances

UL File E23018, Std. 514B, Suitable for Wet Locations
 CSA File LR2884, Std. C22.2 No. 18
 NEC® 250.98



XJG24-EMT

Note: XJG-EMT Couplings are not raintight and are for use in dry locations only. They are UL Listed for use with aluminum EMT.



XJG-EMT Conduit Expansion Coupling for EMT

CAT NO.	SIZE	MOVEMENT	A LENGTH (IN.)	B HEIGHT (IN.)
XJG24-EMT	¾"	4"	17.39	2.75
XJG28-EMT	¾"	8"	21.39	2.75
XJG34-EMT	1"	4"	17.42	2.99
XJG38-EMT	1"	8"	21.42	2.99
XJG44-EMT	1¼"	4"	18.27	3.46
XJG48-EMT	1¼"	8"	22.27	3.46
XJG54-EMT	1½"	4"	18.69	3.68
XJG58-EMT	1½"	8"	22.69	3.68
XJG64-EMT	2"	4"	19.04	4.18
XJG68-EMT	2"	8"	23.04	4.18
XJG74-EMT	2½"	4"	23.23	4.52
XJG78-EMT	2½"	8"	27.23	4.52
XJG84-EMT	3"	4"	24.09	5.25
XJG88-EMT	3"	8"	28.09	5.25
XJG94-EMT	3½"	4"	28.70	6.00
XJG98-EMT	3½"	8"	28.70	6.00
XJG104-EMT	4"	4"	29.30	6.75
XJG108-EMT	4"	8"	29.30	6.75



8123 Series



8130 Series



8120 Series

Threadless Connector/Coupling

(For Threadless Rigid Metal Conduit and Intermediate Metal Conduit)

Application

- To connect and effectively bond threadless rigid metal conduit/intermediate metal conduit to a box or enclosure, or to couple ends of threadless conduit

Features

- Steel/Malleable Iron construction
- Case-hardened ring bites into conduit for high-quality continuity and grip
- Nylon insulator firmly secured in place protects conductors and reduces wire pulling effort by as much as 50%; prevents thread damage in handling
- Case-hardened steel locknut or malleable iron locknut designed to provide a positive bond
- Suitable for concrete-tight application
- Capable of carrying ground fault currents up to 10,000 amps RMS (½" through 1½" size) and 20,000 amps RMS (2" and above sizes) for a duration of current three cycles

Standard Material

Nut, Gland ½" to 1" Steel – 1¼" to 4" Malleable Iron
 Body All Malleable Iron
 Ring Steel (case hardened)
 Insulator Nylon
 Locknut ½" thru 2" Steel (hardened) 2" thru 4" Malleable Iron

Standard Finish

Electro Zinc Plated & Chromate Coated

Range

8123 & 8120 Series ½" through 4" Size Conduit
 8130 Series ½" through 2" Size Conduit
 All hub threads Straight Pipe (NPS)

Listings/Compliances

UL 514B Federal Specification A-A-50553
 CSA C22.2 No. 18 Federal Standard H-28 (Threads)
 NFPA 70 UL (UL File No: E-23018)
 NEMA FB1 CSA (LR-2884, LR-4484)