

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

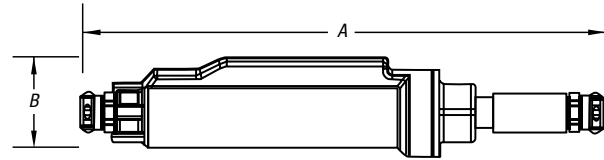
Listings/Compliances

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 – ¼" 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

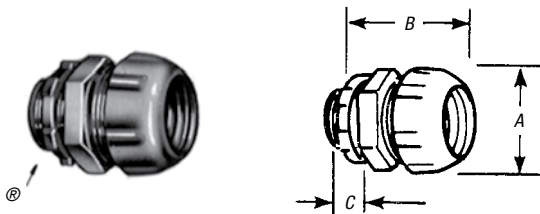
UL 514B	Federal Specification A-A-50553
CSA C22.2 No. 18	Federal Standard H-28 (Threads)
NFPA 70	UL (UL File No: E-23018)
NEMA FB1	CSA (LR-2884, LR-4484)

Couplings and Accessories

Split steel ring with diagonal serrations grips conduit and bites in for positive ground!

Threadless Connectors — Nylon Insulated

- Makes a permanent connection
- Eliminates need for cutting a thread on conduit
- Insulation helps ensure continuity of service by protecting the conductor at the critical point — the connector bushing
- Malleable iron construction
- Look for the unique T&B blue color, ensuring the highest quality fitting



CAT. NO.		CONDUIT SIZE	DIMENSIONS (IN.)		
NYLON INSUL.	NON-INSUL.		A	B	C
8123	8121	1/2"	1 1/32	1 1/16	1/2
8223	8221	3/4"	1 1/32	1 3/4	1/2
8323	8321	1"	1 29/32	2	9/16
8423	8421	1 1/4"	2 3/8	2 7/16	1 1/16
8523	8521	1 1/2"	2 11/16	2 5/8	3/4
8623	8621	2"	3 1/4	2 13/16	27/32
8723-TB	8721	2 1/2"	4 1/8	3 13/16	1 1/8
8823	8821	3"	4 7/8	4	1 1/32
8853	8851	3 1/2"	5 1/2	4 1/8	1 1/8
8973	8971	4"	6 1/32	4 7/8	1 1/8

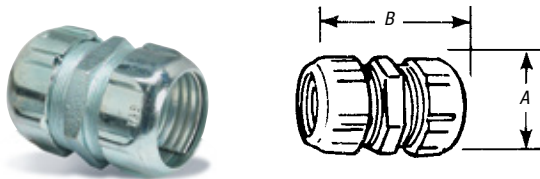
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Just tighten with a wrench to make a UL Listed and CSA Certified concrete-tight connection!



Threadless Couplings

- Eliminates need for conduit threading
- Malleable iron construction



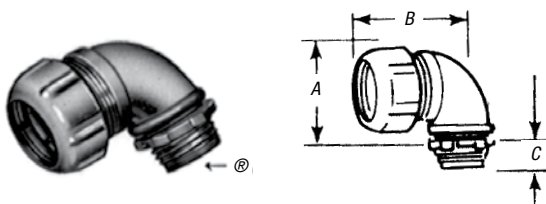
CAT. NO.	SIZE	DIMENSIONS (IN.)	
		A	B
8120	1/2"	1 9/32	2
8220	3/4"	1 19/32	2 5/16
8320	1"	1 7/8	2 11/16
8420	1 1/4"	2 5/8	2 13/16
8520	1 1/2"	2 5/8	3 5/8
8620	2"	3 3/4	3 13/16
8720	2 1/2"	3 15/16	5 3/8
8820	3"	4 11/16	5 1/2
8850	3 1/2"	5 3/16	5 1/2
8970	4"	5 11/16	5 1/2

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Ideal for entering enclosure or conduit body at right angles!

Threadless Short Elbows — Nylon Insulated

- Eliminates need to thread conduit
- As with straight couplings, makes a concrete-tight connection
- Malleable iron construction



CAT. NO.	SIZE	DIMENSIONS (IN.)		
		A	B	C
8130	1/2"	1 11/32	1 1/2	1/2
8131	3/4"	1 5/8	1 3/4	9/16
8132	1"	1 7/8	1 15/16	1 1/16

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