

Expansion Couplings and Bonding Jumpers for Rigid Metal Conduit

Available for 4-inch or 8-inch conduit movement.

Applications

- To accommodate linear movement of conduit installations caused by thermal expansion and contraction and by structural shift.

Features

- Weatherproof.
- Concrete tight.
- Durable construction.
- Corrosion resistant finish.
- UL listed and CSA Certified with bonding jumpers in indoor and outdoor locations.

Standard Materials

- Fitting body and cap—malleable iron.
- Grounding ring—braided and tinned copper wire.
- Packing seal—lubricated textile fiber.
- Bushing—phenolic plastic.
- Washer—zinc plated steel.
- Gasket—fiber stock.
- Body (6" size only)—zinc plated steel.

Standard Finishes

- Fitting body and cap—hot dipped galvanized.
- Other components parts—see standard materials information.

Size Range

- 1/2" thru 5", 4" conduit movement.
- 1/2" thru 6", 8" conduit movement.

Compliances

- UL 514B
- CSA C22.2 Number 18
- Federal spec WF-408E
- NEMA FB1

Bonding Jumpers

Applications

- To ensure bonding and grounding continuity between segmented rigid metal conduit runs and for use with expansion couplings as required by NEC 250.98.

Standard Materials/Finishes

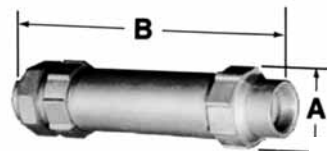
- Clamps—malleable iron, hot dipped zinc galvanized.
- Strap—copper braid, tin plated.
- Hardware—steel, mechanical zinc plated.

Size Range

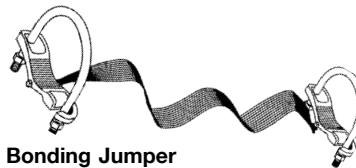
- 1/2" thru 6" conduit sizes.



1/2"–5" XJ Expansion Coupling



6" XJ Expansion Coupling



Bonding Jumper

"XJ" Expansion Couplings				Use with Bonding Jumper	
Trade Size (In.)	Catalog Number	Dimensions in inches		Catalog Number	Strap Length (In.)
		Max. Dia. A	Overall Length B		
4 Inch Movement					
1/2	XJ504	2	6-1/4	BJ45075	20
3/4	XJ754	2-1/4	6-3/8	BJ45075	20
1	XJ1004	2-5/8	6-5/8	BJ41012	20
1-1/4	XJ1254	3-1/8	6-5/8	BJ41012	20
1-1/2	XJ1504	3-1/2	6-5/8	BJ41520	20
2	XJ2004	4	7-1/8	BJ41520	20
2-1/2	XJ2504	4-1/2	7-1/2	BJ42530	24
3	XJ3004	5-3/8	8-1/8	BJ42530	24
3-1/2	XJ3504	6	8-1/2	BJ43540	24
4	XJ4004	6-5/8	8-5/8	BJ43540	24
5	XJ5004	8	9-1/2	BJ45060	24
8 Inch Movement					
1/2	XJ508	2	10-1/4	BJ85075	25
3/4	XJ758	2-1/4	10-3/8	BJ85075	25
1	XJ1008	2-5/8	10-5/8	BJ81012	25
1-1/4	XJ1258	3-1/8	10-5/8	BJ81012	25
1-1/2	XJ1508	3-1/2	10-5/8	BJ81520	25
2	XJ2008	4	11-1/8	BJ81520	25
2-1/2	XJ2508	4-1/2	11-1/2	BJ82530	29
3	XJ3008	5-3/8	12-1/8	BJ82530	29
3-1/2	XJ3508	6	12-1/2	BJ83540	29
4	XJ4008	6-5/8	12-5/8	BJ83540	29
5	XJ5008	8	13-1/2	BJ85060	29
6	XJ6008	9-1/2	15-3/8	BJ85060	29