

AX Expansion Fittings

For Rigid Metal Conduit and IMC.

NEC/CEC:
Listed for Ordinary Locations

Applications

- To allow for expansion and contraction in a run of rigid metal conduit.
- For applications involving IMC a 15" min. length of rigid conduit should be used entering the expansion fitting due to the slightly smaller O.D. of the IMC
- Type AX provides for a maximum of 4" conduit movement (2" in either direction).
- Type AX-8 provides for a maximum of 8" conduit movement (4" in either direction).

Features

- Weatherproof
- Concretetight
- Includes insulating bushing
- Bonding jumpers

Standard Materials

- Malleable or ductile iron

Standard Finishes

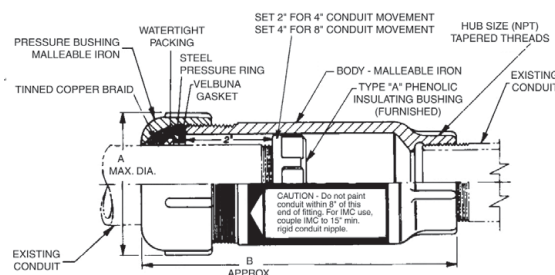
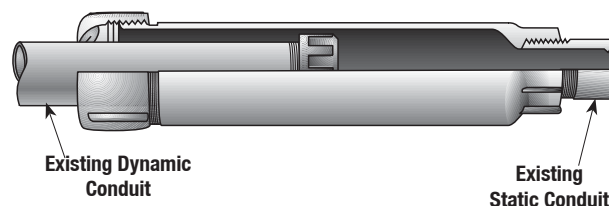
- Hot dip galvanized

Options

- Type AX and Type AX-8 expansion fittings are available in copperfree (4/10 of 1% max.) aluminum. Add suffix **-A** after Catalog Number (Example: AX-50A). Use ABJ jumpers.

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 11584
- Wet or dry locations - use with Type BJ external bonding jumpers
- Wet or dry locations
- NEMA: FB-1



8" Conduit Movement (4" in Either Direction)

Trade Size (In.)	Dimensions Millimeters (Inches)		Catalog Number	Catalog Number
	A Max. Dia.	B Overall Length		
4 Inch Movement — 2" in either direction				Bonding Jumper - 14"
1/2	50.80 (2.00)	158.75 (6.25)	AX-50	BJ-0507-14
3/4	57.15 (2.25)	162.05 (6.38)	AX-75	BJ-0507-14
1	66.80 (2.63)	168.40 (6.63)	AX-100	BJ-1012-14
1-1/4	79.50 (3.13)	168.40 (6.63)	AX-125	BJ-1012-14
1-1/2	88.90 (3.50)	168.40 (6.63)	AX-150	BJ-1520-14
2	101.60 (4.00)	181.10 (7.13)	AX-200	BJ-1520-14
2-1/2	114.30 (4.50)	190.50 (7.50)	AX-250	BJ-2530-14
3	136.65 (5.38)	206.50 (8.13)	AX-300	BJ-2530-14
3-1/2	152.40 (6.00)	215.90 (8.50)	AX-350	BJ-3540-14
4	168.40 (6.63)	219.20 (8.63)	AX-400	BJ-3540-14
5	203.20 (8.00)	241.30 (9.50)	AX-500	BJ-5060-14
6	See EX Expansion Fittings			
8 Inch Movement — 4" in either direction				Bonding Jumper - 14"
1/2	50.80 (2.00)	260.35 (10.25)	AX-8-50	BJ-0507-24
3/4	57.15 (2.25)	263.65 (10.38)	AX-8-75	BJ-0507-24
1	66.80 (2.63)	270.00 (10.63)	AX-8-100	BJ-1012-24
1-1/4	79.50 (3.13)	270.00 (10.63)	AX-8-125	BJ-1012-24
1-1/2	88.90 (3.50)	270.00 (10.63)	AX-8-150	BJ-1520-24
2	101.60 (4.00)	282.70 (11.13)	AX-8-200	BJ-1520-24
2-1/2	114.30 (4.50)	292.10 (11.5)	AX-8-250	BJ-2530-24
3	136.65 (5.38)	308.10 (12.13)	AX-8-300	BJ-2530-24
3-1/2	152.40 (6.00)	311.15 (12.25)	AX-8-350	BJ-3540-24
4	168.40 (6.63)	314.45 (12.38)	AX-8-400	BJ-3540-24
5	203.20 (8.00)	342.90 (13.50)	AX-8-500	BJ-5060-24
6	See EX Expansion Fittings			