

# 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

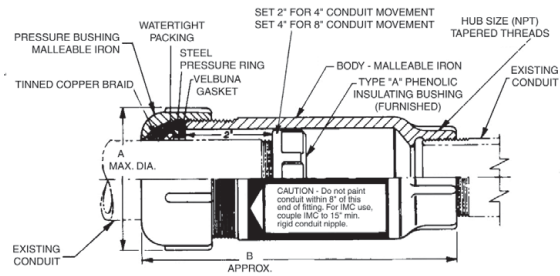
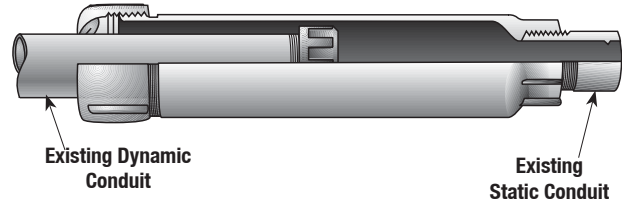
- Hot dip galvanized

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