

XJ Expansion Fittings

For Rigid Metal Conduit.

Applications

- “XJ” Expansion Couplings provide for movement that takes place on long runs of conduit installed in buildings of great length and between Divisions of buildings which are sectioned apart by structural expansion joints.

Features

- Couplings have the equivalent of weather-tight joints for use with heavywall conduit.
- Metallic packing ring to insure the entire conduit system remains a continuous electrical conductor.
- Copper Bonding Jumpers are available to provide additional effective metallic bond to each conduit run.
- “XJ” Expansion Couplings have been Listed by UL for use with Bonding Jumpers in indoor and outdoor locations.

Material/Finish

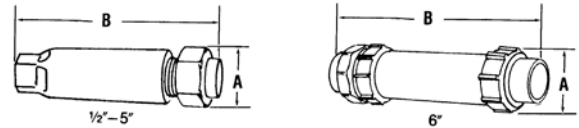
- XJ: malleable iron
- BJ: copper
- Hot-dip galvanized

NEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E14814



Expansion Couplings



4” Movement

8” Movement



Bonding Jumper

XJ Expansion Couplings – 4” Movement - 2” in either direction

| Size (Inches) | Dimensions In Millimeters (Inches) | | Weight Per 100 kg (lb) | Catalog Number | |
|---------------|------------------------------------|--------------|---------------------------|---------------------|----------------------|
| | A | B | | Expansion Couplings | Bonding Jumper – 14” |
| 1/2 | 50.8 (2.00) | 158.8 (6.25) | 77.1 (170.00) | XJ504 | BJ45075 |
| 3/4 | 57.2 (2.25) | 162.1 (6.38) | 90.7 (200.00) | XJ754 | BJ45075 |
| 1 | 66.8 (2.63) | 168.4 (6.63) | 127.0 (280.00) | XJ1004 | BJ41012 |
| 1-1/4 | 79.5 (3.13) | 168.4 (6.63) | 158.8 (350.00) | XJ1254 | BJ41012 |
| 1-1/2 | 88.9 (3.50) | 168.4 (6.63) | 226.8 (500.00) | XJ1504 | BJ41520 |
| 2 | 101.6 (4.00) | 181.1 (7.13) | 317.5 (700.00) | XJ2004 | BJ41520 |
| 2-1/2 | 114.3 (4.50) | 190.5 (7.50) | 362.9 (800.00) | XJ2504 | BJ42530 |
| 3 | 136.7 (5.38) | 206.5 (8.13) | 499.0 (1100.00) | XJ3004 | BJ42530 |
| 3-1/2 | 152.4 (6.00) | 215.9 (8.50) | 657.7 (1450.00) | XJ3504 | BJ43540 |
| 4 | 168.4 (6.63) | 219.2 (8.63) | 839.1 (1850.00) | XJ4004 | BJ43540 |
| 5 | 203.2 (8.00) | 241.3 (9.50) | 1020.6 (2250.00) | XJ5004 | BJ45060 |

XJ Expansion Couplings – 8” Movement - 4” in either direction

| Size (Inches) | Dimensions In Millimeters (Inches) | | Weight Per 100 kg (lb) | Catalog Number | |
|---------------|------------------------------------|---------------|---------------------------|---------------------|----------------------|
| | A | B | | Expansion Couplings | Bonding Jumper – 24” |
| 1/2 | 50.8 (2.00) | 260.4 (10.25) | 122.5 (270.00) | XJ508 | BJ85075 |
| 3/4 | 57.2 (2.25) | 263.7 (10.38) | 145.1 (320.00) | XJ758 | BJ85075 |
| 1 | 66.8 (2.63) | 270.0 (10.63) | 199.6 (440.00) | XJ1008 | BJ81012 |
| 1-1/4 | 79.5 (3.13) | 270.0 (10.63) | 235.9 (520.00) | XJ1258 | BJ81012 |
| 1-1/2 | 88.9 (3.50) | 270.0 (10.63) | 326.6 (720.00) | XJ1508 | BJ81520 |
| 2 | 101.6 (4.00) | 282.7 (11.13) | 467.2 (1030.00) | XJ2008 | BJ81520 |
| 2-1/2 | 114.3 (4.50) | 292.1 (11.50) | 530.7 (1170.00) | XJ2508 | BJ82530 |
| 3 | 136.7 (5.38) | 308.1 (12.13) | 703.1 (1550.00) | XJ3008 | BJ82530 |
| 3-1/2 | 152.4 (6.00) | 317.5 (12.50) | 884.5 (1950.00) | XJ3508 | BJ83540 |
| 4 | 168.4 (6.63) | 320.8 (12.63) | 1088.6 (2400.00) | XJ4008 | BJ83540 |
| 5 | 203.2 (8.00) | 342.9 (13.50) | 1496.9 (3300.00) | XJ5008 | BJ85060 |
| 6 | 241.3 (9.50) | 390.7 (15.38) | 2562.8 (5650.00) | XJ6008 | BJ85060 |