

# XJGD Combination Expansion/Deflection Coupling and Expansion Joint Internally Grounded

Wet Locations

7F

07F  
Elbows, Couplings,  
Grids, Devices,  
Plugs, Etc.

## Application:

XJGD combination fittings are used with rigid metal conduit and IMC:

- to accommodate axial expansion, angular misalignment and parallel misalignment
- to couple together two (2) sections of conduit subject to longitudinal movement
- to maintain a ground connection *without the need for an external bonding jumper and clamps*
- in long conduit runs to prevent conduit from buckling and causing circuit failures
- indoors or outdoors where conduit expansion occurs and there are wide temperature swings
- in conduit runs that cross structural joints
- in conduit runs to prevent damage to conduit supports such as in a building or on a bridge

## Standard Materials:

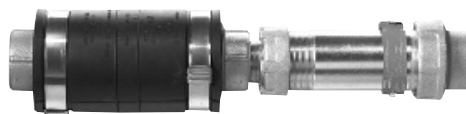
- Body, Hubs, Gland Nut, Washer, Bushing – *Feraloy*<sup>®</sup>
- Packing – Teflon<sup>®</sup>
- Gasket – vellum
- Ground Spring – phosphor bronze
- Outer Jacket – molded neoprene
- Jacket Clamps – stainless steel
- Inner Sleeve – molded plastic
- Ground Straps – tinned copper braid

## Standard Finishes:

- *Feraloy*<sup>®</sup> – electrogalvanized

## Certifications and Compliances:

- UL standard: 514B



## XJGD Ordering Information

Hub Size	Maximum Conduit Movement	Catalog Number	A Diameter	B Length
1"	4"	XJGD34	3 <sup>15</sup> / <sub>16</sub> "	17 <sup>3</sup> / <sub>4</sub> "
1 <sup>1</sup> / <sub>4</sub> "	4"	XJGD44	4 <sup>1</sup> / <sub>4</sub> "	18 <sup>1</sup> / <sub>8</sub> "
1 <sup>1</sup> / <sub>2</sub> "	4"	XJGD54	4 <sup>1</sup> / <sub>2</sub> "	18 <sup>5</sup> / <sub>8</sub> "
2"	4"	XJGD64	4 <sup>15</sup> / <sub>16</sub> "	19 <sup>1</sup> / <sub>4</sub> "
2 <sup>1</sup> / <sub>2</sub> "	4"	XJGD74	5 <sup>5</sup> / <sub>16</sub> "	20 <sup>3</sup> / <sub>4</sub> "
3"	4"	XJGD84	5 <sup>15</sup> / <sub>16</sub> "	21 <sup>5</sup> / <sub>8</sub> "
3 <sup>1</sup> / <sub>2</sub> "	4"	XJGD94	6 <sup>1</sup> / <sub>2</sub> "	21 <sup>5</sup> / <sub>8</sub> "
4"	4"	XJGD104	8"	27 <sup>3</sup> / <sub>4</sub> "