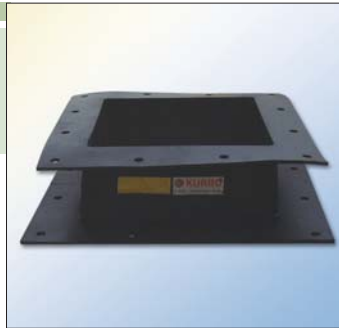


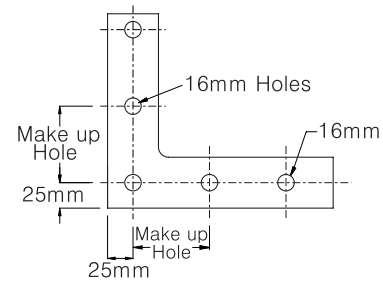
# Type 70U U-Design Duct Connector



Kurbo offers a wide range of flue duct connectors for flue gas and other ducting applications. Type 70U, U-Design is used for maximum vibration absorption and noise reduction and for normal ducting movements.

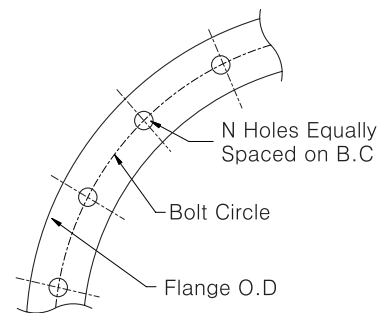
### Features

- Available in round or rectangular shape
- Supplied with or without flanges(belt type)
- Typically 6mm thick body reinforced with one or two plies of fabrics.
- Standard designs are rated for  $\pm 0.3$  bars. Higher pressure ratings are available.
- Wide spectrum of elastomers and fabrics to suit most corrosive and temperature environments up to 200°C
- Lower spring rates and deflection forces
- Corners are fully molded with no splices
- Improved corrosion and chemical resistance
- For more extension and compression compensation, Type 70W, W-Design can be provided.

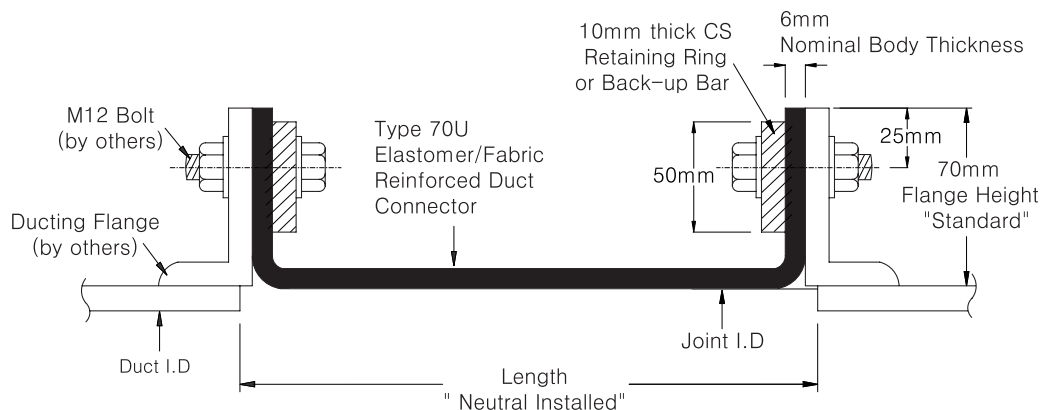


\* Max 100mm Bolt Hole Spacing Recommended

### Rectangular Flange / Corner Detail



### Round Flange Detail



### Maximum Movement Capabilities in mm

150mm(6") Length			230mm(9") Length			300mm(12") Length			400mm(16") Length		
Comp.	Ext.	Lateral.	Comp.	Ext.	Lateral.	Comp.	Ext.	Lateral.	Comp.	Ext.	Lateral.
10	4	10	10	4	15	15	6	20	20	8	25

1. Extension movement capability can be increased with additional pre-compression during installation.  
2. For vacuum applications, a setback may be required to keep the duct joint from protruding into the flow stream.

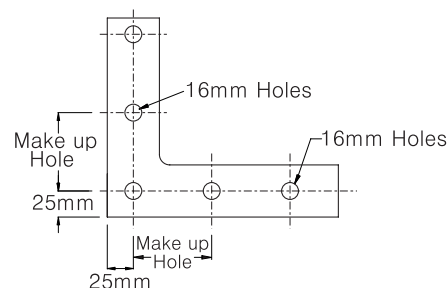
## Type 70V Arch Design Duct Connector



Kurbo offers a wide range of flue duct connectors for flue gas and other ducting applications. Type 70V, Arch-Design is designed for large movement absorption with short overall length.

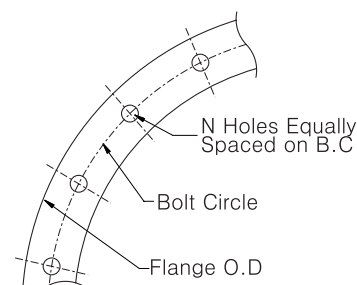
### Features

- Available in round or rectangular shape
- Supplied with or without flanges (belt type).
- Typically 6mm thick body reinforced with one or two plies of fabrics.
- Standard designs are rated for  $\pm 0.3$  bars. Higher pressure ratings are available.
- Wide spectrum of elastomers and fabrics to suit most corrosive and temperature environments up to 200°C
- Lower spring rates and deflection forces
- Corners are fully molded with no splices
- Improved corrosion and chemical resistance

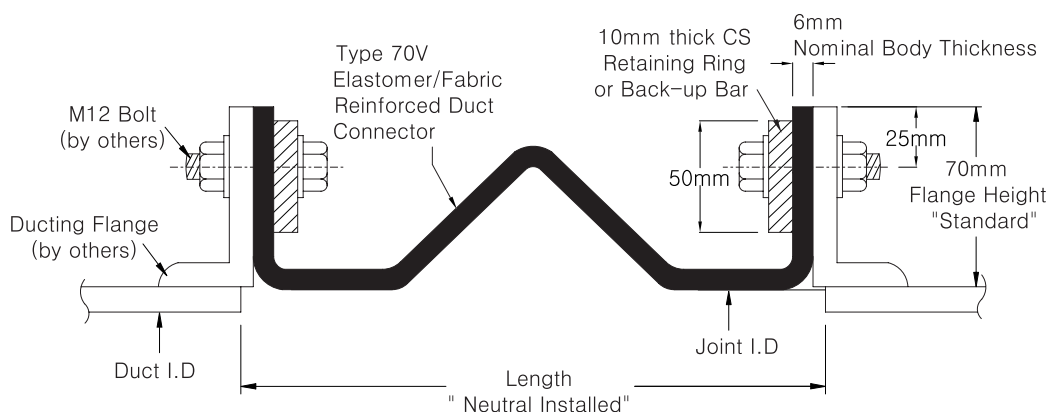


\* Max. 100mm Bolt Hole Spacing Recommended

### Rectangular Flange/Corner Detail



### Round Flange Detail

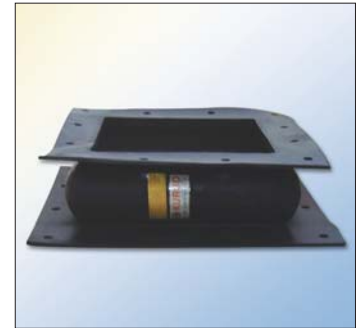


### Maximum Movement Capabilities in mm

150mm(6") Length			230mm(9") Length			300mm(12") Length			400mm(16") Length		
Comp.	Ext.	Lateral.	Comp.	Ext.	Lateral.	Comp.	Ext.	Lateral.	Comp.	Ext.	Lateral.
50	25	25	60	30	35	80	40	45	100	50	55

1. Extension movement capability can be increased with additional pre-compression during installation
2. For vacuum applications, a setback may be required to keep the duct joint from protruding into the flow stream.

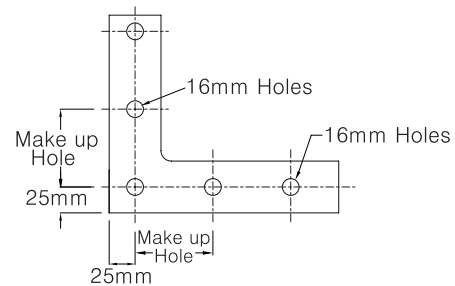
## Type 70W W-Design Duct Connector



Kurbo offers a wide range of flue duct connectors for flue gas and other ducting applications. Type 70W, W-Design is used for medium ducting movements, noise and vibration reduction.

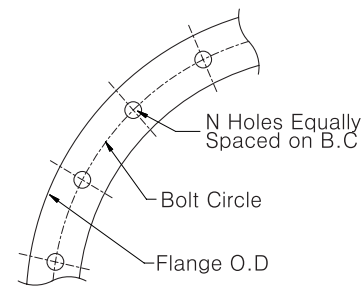
### Features

- Available in round or rectangular shape
- Supplied with or without flanges(belt type).
- Typically 6mm thick body reinforced with one or two plies of fiberglass, polyester, nylon or Kevlar.
- Standard designs are rated for  $\pm 0.3$ bars. Higher pressure ratings are available.
- Wide spectrum of elastomers and fabrics to suit most corrosive and temperature environments up to 200°C
- Lower spring rates and deflection forces
- For greater extension and compression compensation, Type 70V, arch design can be provided.
- Corners are fully molded with no splices
- Improved corrosion and chemical resistance

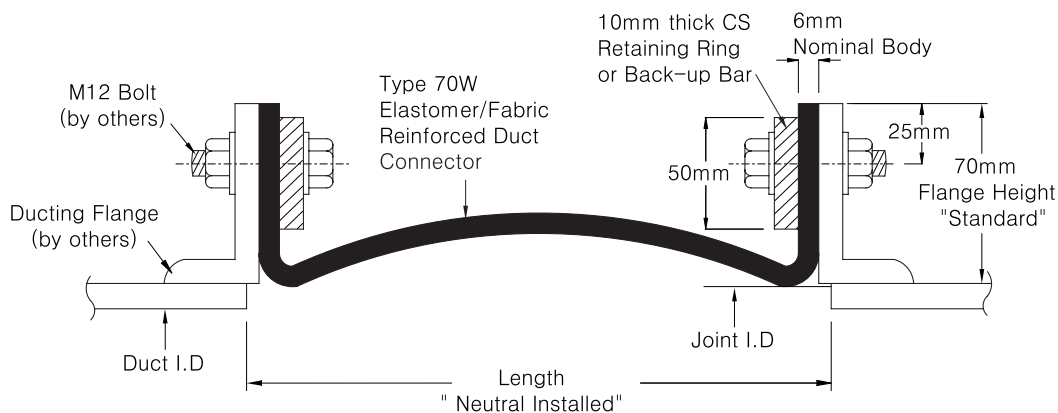


\* Max. 100mm Bolt Hole Spacing

### Rectangular Flange/Corner Detail



### Round Flange Detail



### Maximum Movement Capabilities in mm

150mm(6") Length			230mm(9") Length			300mm(12") Length			400mm(16") Length		
Comp.	Ext.	Lateral.	Comp.	Ext.	Lateral.	Comp.	Ext.	Lateral.	Comp.	Ext.	Lateral.
30	12	20	40	20	30	50	25	40	70	30	50

1. Extension movement capability can be increased with additional pre-compression during installation
2. For vacuum applications, a setback may be required to keep the duct joint from protruding into the flow stream.