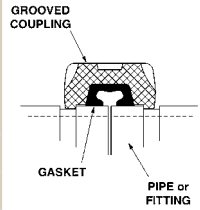


## Grooved Pipe Connections

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application:</b>             | Designed to join two pieces of pipe together. The two pipes are butted to one another each pipe has a groove that runs the circumference of the pipe exterior. The grooved clamp has ridges that lock into the two pipe grooves and a gasket is compressed to the pipes to create a leak-tight seal. Grooved clamps are often used on pipe connections on dry bulk tankers in place of welding offering the ability to adjust, change or replace pipe sections without the need for a permanent joint such as a weld. |
| <b>Standards:</b>               | Manufactured to fit new and existing grooved pipe connections                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Materials:</b>               | Aluminum or coated ductile iron bodies with steel bolts/nuts, Buna or Viton® seals                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Features &amp; Benefits:</b> | <ul style="list-style-type: none"> <li>• Rugged cast aluminum or iron construction</li> <li>• Maintenance is easy to perform</li> </ul>                                                                                                                                                                                                                                                                                                                                                                               |



## Aluminum Bolt Clamps

### Features:

- Lightweight yet rugged. Unlike steel groove clamps that secure the pipe ends with high clamping force against the tubing/piping walls, the Dixon aluminum bolted clamp takes the full bolt force and locks into the groove of the tube/pipe, preventing distortion of the tube/pipe diameter.
- precision casting and machined dimensions provide an exact fit and great appearance
- lock nuts prevent loosening in applications with vibration
- white Buna seal available for food applications



DBV-WB400

| Size | Seal       | Part #           | Maximum PSI | Approximate Weight Lbs. | Bolt Torque |
|------|------------|------------------|-------------|-------------------------|-------------|
| 2"   | Buna       | <b>DBV-BN200</b> | 400         | 0.8                     | 50 ft lbs   |
| 3"   | Buna       | <b>DBV-BN300</b> | 170         | 1.1                     | 50 ft lbs   |
| 4"   | Buna       | <b>DBV-BN400</b> | 120         | 1.5                     | 50 ft lbs   |
| 4"   | White Buna | <b>DBV-WB400</b> | 120         | 1.5                     | 50 ft lbs   |

## Aluminum Quick Connect Clamps

### Features:

- rugged and compact lightweight design
- white Buna, void free, split gasket allows for easy, fast one person installation
- accepts industry standard groove gaskets also



04901701



04902701



| Size | Description                       | Part #          | Maximum PSI | Width | Height |
|------|-----------------------------------|-----------------|-------------|-------|--------|
| 4"   | grooved pipe x grooved pipe clamp | <b>04901701</b> | 65          | 7.25" | 8.00"  |
| 4"   | grooved pipe x plain pipe clamp   | <b>04902701</b> | 65          | 7.25" | 8.00"  |