FORGED ALUMINUM GROOVED CLAMP



** Referential image*
*** Some features may vary without prior notice. Sale subject to inventory availability*

DATE
: 11/23/2026 11:26 PM

SKU
: 11396

BRAND
: DIXON VALVE

MODEL
: DBV-BL400

Applications:
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.

Use:
Designed to join two pieces of pipe together.

Specifications:
Manufactured to fit new and existing grooved pipe connections.

Features:
Precision forged to provide an exact fit and great appearance
Use of lock nuts prevents clamps from loosening in high vibration applications
Leak-tight connection
Lightweight yet rugged. Unlike steel groove clamps that secure pipe ends with high clamp force against the tubing walls, the Dixon bolted clamp takes the full bolt force and locks in the groove of the tube preventing distortion of the tube diameter.

Construction:
Aluminum body
Steel bolts/nuts
Baylast™ seals

How it works:
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.

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Note:
Supplied clamp gasket must be installed prior to use. Ships separately. Replacement gaskets are available.

Safety notes:
Torque the bolts until metal to metal contact occurs at the bolt pads (about 20 ft-lbs). Bolts must be tightened evenly to prevent gasket pinching and clamp breaking. DO NOT tighten one side then the other. Over-torquing will not improve sealing and may result in failure of the clamps. DO NOT torque bolts over 30 ft-lbs.
Intended for tank truck applications only
WARNING: Cancer and Reproductive Harm- www.P65Warnings.ca.gov

TECHNICAL SPECIFICATIONS

Factory Part Number	DBV-BL400
Fuel Compatability	Baylast? seal is rated for petroleum service, Ethanol to E100 and biodiesel to B100.
Mandatory Pkg/Box Qty	1
Material	Aluminum
Pressure Rating	120 PSI
Seal	Baylast?
Size	4"
Temperature Range	-20°F to 180°F (-28.9°C to 82.2°C)
Temperature Rating	Baylast?: -20°F to 180°F (-29°C to 82°C)
Torque	20 ft. lbs.
Weight Lb	1.4000

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