# BOSS® CLAMP 4 BOLT TYPE, 2 GRIPPING FINGERS




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

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SKU
: 25304

BRAND
: DIXON VALVE

MODEL
: RBU24

Use:
Bolts in Boss Clamps are designed to bend as they are tightened. This allows the clamp to conform to the hose outside diameter.
Always tighten bolts to their specified torque value.
Periodic re-tightening of bolts is required due to "cold flow" phenomenon present in all rubber hoses.
Boss Clamps are for single use only! Once removed they are to be discarded.

Specifications:
Recommended for steam service up to 450°F (232°C).

Features:
4-bolt type clamp with 2 gripping fingers and 2 clamp sections

Instructions
4 Bolt Dixon Boss Clamp Bolt Tightening Sequence, Using a torque wrench, begin tightening the bolts as follows:
A) Back bolt (bolt with nut facing assembler that is furthest away from gripping finger) 1 full turn.
B) Front bolt (bolt with nut facing assembler that is closest to gripping finger) 1 full turn.
C) Snug by hand (if bolts are loose) nuts on opposite side of bolts just torqued.
D) Opposite side back bolt (bolt with nut facing assembler furthest away from gripping finger) 1 full turn.
E) Opposite side front bolt (bolt with nut facing assembler closest to gripping finger) 1 full turn.
F) Snug by hand (if bolts are loose) nuts on opposite side of bolts just torqued.
G) Repeat above procedure "a" through "f" until all of the bolts have reached the recommended torque.
H) Remove assembly from vise.



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Safety notes:

The bolts used in the Boss interlocking clamps are not standard bolts. They vary from standard bolts in their length, diameter, overall thread length and material hardness. These bolts can be retorqued, but it is not recommended that the bolts or clamps be reused, as they are designed for a single bend only. Dixon Recommends using only factory supplied replacement bolts. Replacement nuts and bolts are available, contact Dixon for more information.

When installing stainless steel bolts and nuts, the use of anti-seize or anti-galling lubricant is advised. A light coat is required on the bolts to prevent thread galling and artificial torque reading.

Worn-out hose couplings can be dangerous. They should be checked regularly and replace when necessary. Each coupling user should review applications and add safety devices where indicated.

Note. Pressurized steam is an extremely dangerous commodity. Only hose, fittings, clamps and accessory items that have been approved for steam service should ever be used! Never use an unapproved item for steam service. Always follow the manufacturer's product recommendations for pressurized steam handling.

Recommended torque rating in ft. lbs.

WARNING: Cancer and Reproductive Harm- www.P65Warnings.ca.gov

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| **Factory Part Number** | RBU24 |
| **Hose ID** | 1-1/2" (40mm) |
| **Hose OD From** | 2-12/64" (55.6mm) |
| **Hose OD To** | 2-24/64" (60.3mm) |
| **Material** | Stainless Steel |
| **Torque** | 40 ft. lbs. |
| **Weight Lb** | 2.1750 |



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