BOSS® CLAMP 6 BOLT TYPE, 3 GRIPPING FINGERS



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

DATE
: 11/23/2026 10:45 PM

SKU
: 23349

BRAND
: DIXON VALVE

MODEL
: BS49

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:
6-bolt type with 3 gripping fingers and 3 clamp sections

Instructions
6 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) having "X" near it one full turn.
B) Front bolt (bolt with nut facing assembler that is closest to gripping finger) of same segment one full turn.
C) Moving to clamp segment to the left of the one just tightened, snug bolts by hand (if bolts are loose).
D) Back bolt to one full turn.
E) Front bolt one full turn.
F) Moving to clamp segment to the left of the one just tightened, snug bolts by hand (if bolts are loose).
G) Back bolt one full turn.
H) Front bolt one full turn.
I) Repeat above procedure "a" through "h" until all of the bolts have reached the recommended torque.

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J) Remove assembly from vise.

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.

Torque values for clamps are based on dry bolts. The use of lubricant on bolts will adversely effect clamp performance. Do not lubricate nuts and bolts. Recommended torque rating in ft. lbs.

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.

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

TECHNICAL SPECIFICATIONS

Factory Part Number	BS49
Hose ID	4" (100mm)
Hose OD From	4-56/64" (123.8mm)
Hose OD To	5-16/64" (133.4mm)
Material	Zinc Plated Iron
Torque	200 ft. lbs.
Weight Lb	19.1000

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