

## Boss Clamps

**⚠ WARNING**

- 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.
- 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.
- For all bolt tightening sequences, please visit [dixonvalve.com](http://dixonvalve.com)

**Feature**

- Replacement nuts and bolts are available; contact Dixon for more information

**Specifications**

- Recommended for steam service up to **450°F (232°C)**
- Recommended torque rating in ft. lbs.

**2-Bolt Type, 2-Gripping Fingers**

Hose I.D.	Hose O.D.		Zinc Plated Iron Part #	Pkg Qty	Stainless Steel <sup>4</sup> Part #	Torque ft. lbs. <sup>2</sup>	Brass Part #	Torque ft. lbs.
	from	to						
1/4"	36/64"	42/64"	BD <sup>3</sup>	100	---	6	---	---
3/8"	44/64"	56/64"	CD <sup>3</sup>	100	---	6	---	---
	52/64"	60/64"	DD <sup>3</sup>	100	---	6	---	---
	60/64"	1-4/64"	B4 <sup>3</sup>	25	RB4	12	BB4	10
1/2"	1-4/64"	1-12/64"	B5	25	---	12	---	---
	1-10/64"	1-20/64"	BU9 <sup>3</sup>	50	RB9	21	BBU9	18
	1-20/64"	1-32/64"	B9	25	RB9	21	---	---
3/4"	1-32/64"	1-44/64"	B10 <sup>3</sup>	25	---	21	---	---

**4-Bolt Type, 2-Gripping Fingers**

Hose I.D.	Hose O.D.		Zinc Plated Iron Part #	Pkg Qty	Stainless Steel <sup>4</sup> Part #	Torque ft. lbs. <sup>2</sup>	Brass Part #	Torque ft. lbs.
	from	to						
1"	1-34/64"	1-46/64"	BU14	25	RB14	21	BBU14	18
	1-44/64"	1-60/64"	B14	25	RB14	21	---	---
	1-60/64"	2-8/64"	B15	20	---	21	---	---
1-1/4"	1-32/64"	1-50/64"	BU18	20	---	40	---	---
	1-50/64"	2-6/64"	BU19	10	---	40	---	---
	2-8/64"	2-24/64"	B19	10	RB19	40	---	---
1-1/2"	1-52/64"	2"	BU22	10	---	40	---	---
	2"	2-14/64"	B22	10	---	40	---	---
	2-12/64"	2-24/64"	BU24	10	RB24	40	---	---
2"	2-24/64"	2-36/64"	B24	10	RB24	40	---	---
	2-36/64"	2-48/64"	B25	10	---	40	---	---
	2-22/64"	2-34/64"	BU28	9	---	60	---	---
2-1/2"	2-32/64"	2-50/64"	BU29	10	RB29	60	BBU29 <sup>1</sup>	40
	2-48/64"	3-4/64"	B29	10	RB29	60	---	---
	3-6/64"	3-28/64"	B30	5	---	60	---	---
3"	3-6/64"	3-28/64"	BU34	5	---	60	---	---
	3-32/64"	3-60/64"	B34	5	---	150	---	---
	3-32/64"	3-60/64"	BU35	5	RB35	150	---	---
3"	3-52/64"	4-4/64"	B35	5	---	150	---	---
	4-4/64"	4-28/64"	B39	5	---	200	---	---



<sup>1</sup> Will become obsolete as inventory is depleted

<sup>2</sup> Torque applies to plated iron and stainless steel clamps

<sup>3</sup> Global investment cast carbon steel

<sup>4</sup> 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 bolt threads to prevent thread galling and artificial torque reading.