

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

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 #	Stainless Steel ³ Part #	Torque ft. lbs. ¹	Brass Part #	Torque ft. lbs.	Opt Qty
	From	To						
1/4"	36/64"	42/64"	BD ²	---	6	---	---	100
3/8"	44/64"	56/64"	CD ²	---	6	---	---	100
	52/64"	60/64"	DD ²	---	6	---	---	100
1/2"	60/64"	1-4/64"	B4 ²	RB4	12	BB4	10	25
	1-4/64"	1-12/64"	B5	---	12	---	---	25
3/4"	1-10/64"	1-20/64"	BU9 ²	RBU9	21	BBU9	18	50
	1-20/64"	1-32/64"	B9	RB9	21	---	---	25
	1-32/64"	1-44/64"	B10 ²	---	21	---	---	25



4-Bolt Type, 2-Gripping Fingers

Hose I.D.	Hose O.D.		Zinc Plated Iron Part #	Stainless Steel ³ Part #	Torque ft. lbs. ¹	Brass Part #	Torque ft. lbs.	Opt Qty
	From	To						
1"	1-34/64"	1-46/64"	BU14	RBU14	21	BBU14	18	25
	1-44/64"	1-60/64"	B14	RB14	21	---	---	25
	1-60/64"	2-8/64"	B15	---	21	---	---	20
1-1/4"	1-32/64"	1-50/64"	BU18	---	40	---	---	20
	1-50/64"	2-6/64"	BU19	---	40	---	---	10
	2-8/64"	2-24/64"	B19	RB19	40	---	---	10
1-1/2"	1-52/64"	2"	BU22	---	40	---	---	10
	2"	2-14/64"	B22	---	40	---	---	10
	2-12/64"	2-24/64"	BU24	RBU24	40	---	---	10
2"	2-24/64"	2-36/64"	B24	RB24	40	---	---	10
	2-36/64"	2-48/64"	B25	---	40	---	---	10
	2-22/64"	2-34/64"	BU28	---	60	---	---	9
2-1/2"	2-32/64"	2-50/64"	BU29	RBU29	60	---	---	10
	2-48/64"	3-4/64"	B29	RB29	60	---	---	10
	3-6/64"	3-28/64"	B30	---	60	---	---	5
3"	3-6/64"	3-28/64"	BU34	---	60	---	---	5
	3-32/64"	3-60/64"	B34	---	150	---	---	5
	3-32/64"	3-60/64"	BU35	RBU35	150	---	---	5
3"	3-52/64"	4-4/64"	B35	---	150	---	---	5
	4-4/64"	4-28/64"	B39	---	200	---	---	5



¹ Torque applies to plated iron and stainless steel clamps

² Global investment cast carbon steel

³ 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.