## **Boss Clamps**

## **AWARNING**

- 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.
- recommended for steam service up to 450°F
- · recommended torque rating in ft. lbs.
- replacement nuts and bolts are available, contact Dixon for more information
- see page 812 for Fraction to Decimal conversion chart

Hose   Hose   OD   Zinc Plated Iron   Opt   Stainless Steel   Torque   Part #   Price/E   Orque   Part #   Price/E   Torque   Part #   Price/E   Part #   Part #   Price/E   Part #   Part #   Price/E   Part #   Part #	See page 612 for Fraction to Decimal Conversion Chart											
	Hose	Hose	Hose OD		Zinc Plated Iron		Stainless Steel		Torque <sup>3</sup>	Brass		Torque
	ID		To:	Part #	Price/E	Qty	Part #	Price/E	Torque	Part #	Price/E	Torque
	1/4"	36/64"	42/64"	BD 4	\$9.05	100			6			
Y.	3/8"	44/64"	56/64"	CD <sup>4</sup>	8.75	100			6			
	1/2"	52/64"	60/64"	DD 4	9.45	100			6			
	1/2"	58/64"	1-2/64"	968 <sup>1</sup>	14.90	50			6			
	1/2"	60/64"	1-4/64"	<b>B4</b> <sup>4</sup>	8.15	25	RB4	\$138.40	12	BB4	\$31.75	10
	1/2"	1-4/64"	1-12/64"	B5	10.05	25			12			
	3/4"	1-10/64"	1-20/64"	BU9 4	10.25	50	RBU9	184.00	21	BBU9	45.60	18
1"   1-26/64"   1-36/64"   1-36/64"   19.85   20	3/4"	1-20/64"	1-32/64"	B9	11.60	25	RB9	197.80	21			18
1" 1-34/64" 1-46/64" B14 19.85 25 RBU14 192.40 21 BBU14 91.80 18 1" 1-44/64" 1-60/64" B14 19.80 25 RB14 192.40 21 BB14 105.25 18 1" 1-60/64" 2-8/64" B15 22.70 20 21 21 1.1/4" 1-44/64" 1-56/64" BU18 32.20 10 21 21 1.1/4" 1-44/64" 1-56/64" BU19 35.80 10 21 21 1.1/4" 1-50/64" 2-4/64" BU19 35.80 10 21 21 1.1/4" 1-56/64" 2-4/64" B19 29.45 10 RB19 207.70 40 28 1.1/4" 2-8/64" 2-24/64" B19 29.45 10 RB19 207.70 40 28 1.1/4" 2-16/64" 212 36.90 10 40 40 28 1.1/4" 2-16/64" 212 36.90 10 40 40 28 1.1/4" 2-16/64" 212 36.90 10 40 40 28 1.1/4" 2-16/64" 212 35.25 10 21 40 21 1.1/4" 2-16/64" 212 35.25 10 21 40 21 1.1/4" 2-16/64" 225 34.40 10 40 21 21 21 1.1/4" 2-16/64" 225 34.40 10 40 21 21 1.1/4" 2-16/64" 225 34.40 10 40 21 21 1.1/4" 2-16/64" 225 34.40 10 21 1.1/4" 2-16/64" 2-36/64" B24 30.20 10 RBU24 211.05 40 21 1.1/4" 2-36/64" 2-38/64" B24 27.75 10 RB24 204.00 40 22 1.1/4" 2-36/64" 2-38/64" B25 31.70 10 40 40 22 1.1/4" 2-32/64" 2-32/64" 250 1.5 37.80 10 40 40 22 1.1/4" 2-32/64" 2-38/64" B28 41.10 10 40 40 22 1.1/4" 2-32/64" 2-38/64" B29 36.60 10 RBU29 295.00 60 BBU29 2 173.05 40 10 RB29 309.00 60	3/4"	1-32/64"	1-44/64"	B10 <sup>4</sup>	12.95	25			21			
1" 1-44/64" 1-60/64" 2-8/64" 2-8/64" 22.70 20 21 21 1.1/4" 1-32/64" 1-50/64" 815 32.20 10 40 21 1.1/4" 1-50/64" 1-56/64" 817 29.50 10 40 21 1.1/4" 1-56/64" 2-6/64" 817 29.50 10 40 21 1.1/4" 1-56/64" 2-4/64" 206 1 25.70 20 21 21 1.1/4" 1-56/64" 2-4/64" 206 1 25.70 20 21 21 21 1.1/4" 1-56/64" 2-4/64" 819 29.45 10 RB19 207.70 40 28 1.1/4" 2-8/64" 2' 2-4/64" 819 29.45 10 40 21 21 21 1.1/4" 2-8/64" 2' 2-4/64" 819 29.45 10 40 28 1.1/4" 2' 2-14/64" 822 34.40 10 40 21 1.1/4" 2' 2-8/64" 212 35.25 10 40 21 1.1/4" 2' 2-4/64" 2-16/64" 822 34.40 10 40 21 1.1/4" 2-4/64" 2-16/64" 822 34.40 10 40 21 1.1/4" 2-12/64" 2-24/64" 822 34.40 10 40 21 21 1.1/4" 2-12/64" 2-24/64" 822 34.40 10 40 21 21 1.1/4" 2-12/64" 2-24/64" 822 34.40 10 40 21 21 21 21 21 21 21 21 21 21 21 21 21 21 21	1"	1-26/64"	1-36/64"	156 <sup>1</sup>	19.85	20			21			
1" 1-60/64" 2-8/64" B15 22.70 20	1"	1-34/64"	1-46/64"	BU14	19.85	25	RBU14	192.40	21	BBU14	91.80	18
1-\(\frac{1}{1}\)-\(\frac{1}\)-\(\frac{1}{1}\)-\(\frac{1}\)-\(\frac{1}\)-\(\frac{1}\)-\(\frac{1}\)-\(1	1"	1-44/64"	1-60/64"	B14	19.80	25	RB14	192.40	21	BB14	105.25	18
1-\(\frac{1}{4}\)" 1-44/64" 2-6/64" BU19 35.80 10	1"	1-60/64"	2-8/64"	B15	22.70	20			21			
1-\(\frac{1}{4}\)" 1-50/64" 2-6/64" BU19 35.80 10 40 21 28 1-\(\frac{1}{4}\)" 1-56/64" 2-4/64" B19 29.45 10 RB19 207.70 40 28 1-\(\frac{1}{4}\)" 1-52/64" 2" BU22 36.90 10 40 21 21 21 1-\(\frac{1}{4}\)" 2" 2-14/64" B22 34.40 10 40 21 40 1-\(\frac{1}{4}\)" 2" 2-14/64" 212 35.25 10 21 40 1-\(\frac{1}{4}\)" 2" 2-16/64" 212 35.25 10 21 40 1-\(\frac{1}{4}\)" 2-16/64" 225 37.15 10 40 21 21 1-\(\frac{1}{4}\)" 2-12/64" 2-24/64" BU24 30.20 10 RBU24 211.05 40 28 1-\(\frac{1}{4}\)" 2-24/64" 2-36/64" B24 27.75 10 RB24 204.00 40 28 1-\(\frac{1}{4}\)" 2-36/64" 2-34/64" B25 31.70 10 40 40 28 1-\(\frac{1}{4}\)" 2-22/64" 2-34/64" B25 31.70 10 40 40 22 1-\(\frac{1}{4}\)" 2-22/64" 2-34/64" B25 31.70 10 40 40 22 2 2-32/64" 2-34/64" B25 31.70 10 40 40 22 2-32/64" 2-34/64" B25 31.70 10 40 40 22 2-32/64" 2-34/64" B28 41.10 10 40 40 22 2-32/64" 2-34/64" B29 40.30 10 RBU29 295.00 60 BBU29 2 173.05 40 2" 2-48/64" 3-4/64" B29 40.30 10 RB29 309.00 60 22 2-48/64" 3-32/64" B30 63.60 5 60 60 22 2-\(\frac{1}{4}\)" 3-4/64" 3-28/64" B30 63.60 5 60 60 60 22 2-\(\frac{1}{4}\)" 3-4/64" 3-28/64" B34 86.35 5 60 60 60 33" 3-32/64" 3-60/64" B34 86.35 5 150 150 33" 3-32/64" 3-60/64" B35 97.25 5 RBU35 461.70 150	1-1/4"	1-32/64"	1-50/64"		32.20	10			40			
1-\(\frac{1}{4}\)   1-56\(\frac{64}\)   2-4\(\frac{64}\)   206 \(\frac{1}\)   29.45 \(\frac{1}\)   0 \\ RB19 \(\frac{1}{2}\)   207.70 \(\frac{40}\)   \(\frac{21}\)   \(\frac{21}\	1-1/4"	1-44/64"	1-56/64"	187 ¹	29.50	10			21			
1-\(\frac{1}{1}\)-\(\frac{1}{1}\)   2-8/64"   2-24/64"   B19   29.45   10   RB19   207.70   40       28   1-\(\frac{1}{2}\)"   2-14/64"   B22   34.40   10     40     40       1-\(\frac{1}{2}\)"   2-8/64"   212   35.25   10     40     40       1-\(\frac{1}{2}\)"   2-8/64"   212   35.25   10     40     40       1-\(\frac{1}{2}\)"   2-4/64"   2-16/64"   225   37.15   10     40     40     28   1-\(\frac{1}{2}\)"   2-24/64"   BU24   30.20   10   RBU24   211.05   40     28   1-\(\frac{1}{2}\)"   2-24/64"   B24   27.75   10   RB24   204.00   40       28   1-\(\frac{1}{2}\)"   2-36/64"   2-36/64"   B25   31.70   10     40     40       1-\(\frac{1}{2}\)"   2-32/64"   2-34/64"   B25   31.70   10     40     40       1-\(\frac{1}{2}\)"   2-32/64"   2-34/64"   BU28   41.10   10     40       40       2"   2-32/64"   2-34/64"   BU28   41.10   10     40       40       2"   2-32/64"   2-50/64"   BU29   36.60   10   RBU29   295.00   60   BBU29   2 173.05   40   2"   2-48/64"   3-4/64"   B29   40.30   10   RB29   309.00   60         2-\(\frac{1}{2}\)"   3-6/64"   3-28/64"   B30   63.60   5     60         60         3"   3-32/64"   3-60/64"   B34   86.35   5     60           3"   3-32/64"   3-48/64"   375   67.25   5     60           3"   3-32/64"   4-4/64"   B35   97.25   5   RBU35   461.70   150         3"   3-48/64"   4"   401   111.00   5       150           3"   3-52/64"   4-4/64"   B35   92.30   5       150           3"   3-48/64"   418   125.45   4       200             3"   3-48/64"   44/64"   428/64"   B39   119.00   5       200           3"   3-48/64"   4-28/64"   B39   119.00   5       200         3"   3-200       3"   3-26/64"   3-26/64"   3-26/64"   3		1-50/64"	2-6/64"	BU19	35.80	10			40			
1-\(\frac{1}{2}\)   1-52/64   2"   2-14/64"   B22   34.40   10     40     40       1-\(\frac{1}{2}\)"   2"   2-8/64"   212 \(\frac{1}{2}\)   35.25   10     40     40       1-\(\frac{1}{2}\)"   2-4/64"   2-16/64"   225 \(\frac{1}{2}\)   37.15   10     40     40       1-\(\frac{1}{2}\)"   2-12/64"   2-24/64"   BU24   30.20   10   RBU24   211.05   40     28   1-\(\frac{1}{2}\)"   2-24/64"   2-36/64"   B24   27.75   10   RB24   204.00   40       20   1-\(\frac{1}{2}\)"   2-36/64"   2-48/64"   B25   31.70   10     40       40       1-\(\frac{1}{2}\)"   2-22/64"   2-34/64"   B25   31.70   10     40       40       1-\(\frac{1}{2}\)"   2-22/64"   2-34/64"   BU28   41.10   10     40         1-\(\frac{1}{2}\)"   2-32/64"   2-34/64"   BU28   41.10   10     40         1-\(\frac{1}{2}\)"   2-32/64"   2-34/64"   BU29   36.60   10   RBU29   295.00   60   BBU29 \(\frac{2}{2}\)   173.05   40   2"   2-48/64"   3-4/64"   B29   40.30   10   RB29   309.00   60         2-\(\frac{1}{2}\)"   3-6/64"   3-28/64"   B30   63.60   5     60       60       2-\(\frac{1}{2}\)"   3-6/64"   3-28/64"   B30   63.60   5     60         2-\(\frac{1}{2}\)"   3-32/64"   3-60/64"   B34   66.80   5     60         3"   3-32/64"   3-60/64"   B34   86.35   5     60         3"   3-32/64"   4"   401 \(\frac{1}{1}\)   111.00   5     150         3"   3-52/64"   4-4/64"   B35   92.30   5       150           3"   3-52/64"   4-4/64"   B35   92.30   5       150           3"   3-52/64"   4-4/64"   B39   119.00   5       200             3"   4-4/64"   4-28/64"   B39   119.00   5       200           3"   3-52/64"   4-4/64"   B39   119.00   5       200         30   3"   3-52/64"   3-60/64"   B39   119.00   5       200	1-1/4"	1-56/64"	2-4/64"	206 <sup>1</sup>	25.70	20			21			
1-½" 2" 2-14/64" 212 1 35.25 10 21 40 21 1.½" 2-4/64" 2-16/64" 225 1 37.15 10 40 21 28 1-½" 2-24/64" 2-24/64" BU24 30.20 10 RBU24 211.05 40 28 1-½" 2-24/64" 2-36/64" B24 27.75 10 RB24 204.00 40 28 1-½" 2-36/64" 2-34/64" B25 31.70 10 40 40 21 1-½" 2-36/64" 2-32/64" 250 1.5 37.80 10 40 40 21 2 2 2 2 2 2 2 2 2 2 2 2	1-1/4"	2-8/64"	2-24/64"	B19	29.45	10	RB19	207.70	40			28
1-½" 2-4/64" 2-16/64" 225 1 37.15 10 40 28 1-½" 2-24/64" 2-24/64" BU24 30.20 10 RBU24 211.05 40 28 1-½" 2-24/64" 2-36/64" B24 27.75 10 RB24 204.00 40 28 1-½" 2-36/64" 2-36/64" B25 31.70 10 40 40 1-½" 2-36/64" 2-32/64" 250 1.5 37.80 10 40 40 1-½" 2-22/64" 2-34/64" BU28 41.10 10 40 40 1-2" 2-32/64" 2-34/64" BU28 41.10 10 60 40 1-2" 2-32/64" 2-48/64" BU29 36.60 10 RBU29 295.00 60 BBU29 2 173.05 40 2" 2-32/64" 2-50/64" BU29 36.60 10 RB29 309.00 60 1-2" 2-48/64" 3-4/64" 306 1.5 51.00 10 60 60 1-2" 2-48/64" 3-28/64" 350 1 53.30 5 60 1-2- 2-½" 3-36/64" 3-28/64" 350 1 53.30 5 60 15	1-1/2"	1-52/64"	2"	BU22	36.90	10			40			
1-½" 2-4/64" 2-16/64" 225 ¹ 37.15 10	1-1/2"		2-14/64"	B22	34.40	10			40			
1-½" 2-12/64" 2-24/64" BU24 30.20 10 RBU24 211.05 40 28 1-½" 2-24/64" 2-36/64" B24 27.75 10 RB24 204.00 40 1-½" 2-36/64" 2-48/64" B25 31.70 10 40 2" 2-16/64" 2-32/64" 250 1.5 37.80 10 40 2" 2-22/64" 2-34/64" BU28 41.10 10 60 2" 2-32/64" 2-48/64" 275 1.5 42.25 10 40 2" 2-32/64" 2-50/64" BU29 36.60 10 RBU29 295.00 60 BBU29 2 173.05 40 2" 2-48/64" 3-4/64" B29 40.30 10 RB29 309.00 60 2" 2-48/64" 3-4/64" 306 1.5 51.00 10 60 2" 3-6/64" 3-28/64" B30 63.60 5 60 2-½" 3-4/64" 3-28/64" B034 86.35 5 60	1-1/2"	2"	2-8/64"	212 ¹	35.25	10			21			
1-½"         2-24/64"         2-36/64"         B24         27.75         10         RB24         204.00         40	1-1/2"	2-4/64"	2-16/64"	225 <sup>1</sup>	37.15	10			40			
1-½"         2-36/64"         2-48/64"         B25         31.70         10           40		2-12/64"	2-24/64"	BU24	30.20	10	RBU24	211.05	40			28
2"       2-16/64"       2-32/64"       250 1.5       37.80       10         40 <td>1-1/2"</td> <td></td> <td>2-36/64"</td> <td>B24</td> <td>27.75</td> <td>10</td> <td>RB24</td> <td>204.00</td> <td>40</td> <td></td> <td></td> <td></td>	1-1/2"		2-36/64"	B24	27.75	10	RB24	204.00	40			
2"       2-22/64"       2-34/64"       BU28       41.10       10         60		2-36/64"	2-48/64"		31.70	10			40			
2"       2-32/64"       2-48/64"       275 1.5       42.25       10         40 <td></td> <td></td> <td></td> <td><b>250</b> 1, 5</td> <td></td> <td>10</td> <td></td> <td></td> <td>40</td> <td></td> <td></td> <td></td>				<b>250</b> 1, 5		10			40			
2"     2-32/64"     2-50/64"     BU29     36.60     10     RBU29     295.00     60     BBU29²     173.05     40       2"     2-48/64"     3-4/64"     B29     40.30     10     RB29     309.00     60          2"     2-48/64"     3-4/64"     306¹.5     51.00     10      60          2"     3-6/64"     3-28/64"     B30     63.60     5      60          2-½"     3-4/64"     3-32/64"     350¹     53.30     5      60          2-½"     3-6/64"     3-28/64"     BU34     66.80     5      60          3"     3-32/64"     3-48/64"     375¹     67.25     5       60          3"     3-32/64"     3-60/64"     BU35     97.25     5     RBU35     461.70     150         3"     3-48/64"     4"     401¹     111.00     5       150         3"     4"     4-12/64"     B35 <td></td> <td>2-22/64"</td> <td>2-34/64"</td> <td></td> <td>41.10</td> <td>10</td> <td></td> <td></td> <td>60</td> <td></td> <td></td> <td></td>		2-22/64"	2-34/64"		41.10	10			60			
2" 2-48/64" 3-4/64" 306 1.5 51.00 10 60 2" 3-6/64" 3-28/64" 830 63.60 5 60 2-½" 3-4/64" 3-32/64" 830 63.60 5 60 2-½" 3-6/64" 3-28/64" 803 63.60 5 60 2-½" 3-6/64" 3-28/64" 803 5 60 2-½" 3-6/64" 3-28/64" 803 5 60 2-½" 3-32/64" 3-60/64" 834 86.35 5 150 150 3" 3-32/64" 3-60/64" 803 5 97.25 5 803 5 461.70 150 3" 3-48/64" 4" 401 111.00 5 150 150 3" 3-52/64" 4-4/64" 835 92.30 5 150 150 3" 4" 4-12/64" 418 1 125.45 4 200 3" 4-4/64" 428/64" 839 119.00 5 200		2-32/64"	2-48/64"	<b>275</b> 1, 5	42.25	10			40			
2" 2-48/64" 3-4/64" B30 63.60 5 60				BU29	36.60	10			60	<b>BBU29</b> <sup>2</sup>	173.05	40
2"		2-48/64"	3-4/64"			10	RB29	309.00	60			
2-½"         3-4/64"         3-32/64"         350 ¹         53.30         5           60		2-48/64"	3-4/64"		51.00	10			60			
2-½"     3-6/64"     3-28/64"     BU34     66.80     5       60          2-½"     3-32/64"     3-60/64"     B34     86.35     5      150          3"     3-32/64"     3-48/64"     375 1     67.25     5      60          3"     3-32/64"     3-60/64"     BU35     97.25     5     RBU35     461.70     150          3"     3-48/64"     4"     401 1     111.00     5      150          3"     3-52/64"     4-4/64"     B35     92.30     5      150          3"     4"     4-12/64"     418 1     125.45     4       200          3"     4-4/64"     4-28/64"     B39     119.00     5       200		3-6/64"	3-28/64"	B30	63.60				60			
2-½"     3-32/64"     3-60/64"     B34     86.35     5      150          3"     3-32/64"     3-48/64"     375 1     67.25     5      60          3"     3-32/64"     3-60/64"     BU35     97.25     5     RBU35     461.70     150          3"     3-48/64"     4"     401 1     111.00     5      150          3"     3-52/64"     4-4/64"     B35     92.30     5       150          3"     4"     4-12/64"     418 1     125.45     4       200          3"     4-4/64"     4-28/64"     B39     119.00     5       200	2-1/2"	3-4/64"	3-32/64"	350 ¹	53.30	5			60			
3"     3-32/64"     3-48/64"     375 1     67.25     5       60				BU34		-						
3"     3-32/64"     3-60/64"     BU35     97.25     5     RBU35     461.70     150		3-32/64"	3-60/64"			5			150			
3" 3-48/64" 4" 401 111.00 5 150 150 3" 4" 4-12/64" 418 125.45 4 200 3" 4-4/64" 4-28/64" B39 119.00 5 200						-						
3"							RBU35	461.70				
3" 4" 4-12/64" 418 1 125.45 4 200 3" 4-4/64" 4-28/64" <b>B39</b> 119.00 5 200												
3" 4-4/64" 4-28/64" <b>B39</b> 119.00 5 200												
	-	-	4-12/64"		125.45				200			
2"   4.40/04"   4.20/04"   4501   404.40   2			4-28/64"	B39	119.00	5			200			
3   4-12/04   4-32/04   <b>430</b>     1 <b>24.40</b>   2       200	3"	4-12/64"	4-32/64"	450 <sup>1</sup>	124.40	2			200			



two clamp sections 2-bolt type 2 gripping fingers 1/4" - 3/4" design



two clamp sections 4-bolt type 2 gripping fingers



two clamp sections 4-bolt type 4 gripping fingers

- <sup>1</sup> 4 gripping fingers and 4 bolts
- <sup>2</sup> will become obsolete as inventory is depleted
- <sup>3</sup> torque applies to plated iron and stainless steel clamps
- <sup>4</sup> global investment cast carbon steel
- <sup>5</sup> not to be used with GF81, GB26, WF81, B26, RGF81, RGB26, BGF81, BGB26, RWF81, RB26

