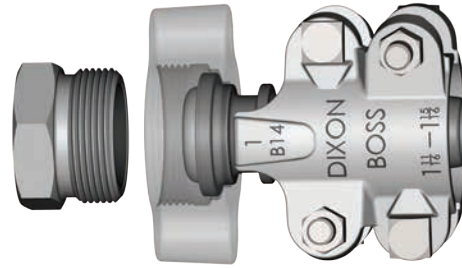


Features:

- positive metal-to-polymer seal
- leakproof seal forms when the metal head of the stem makes contact with the patented polymer seat in the spud
- non-metallic polymer seat resists most chemicals found in manufacturing facilities (reference corrosion resistance chart on pages 921 - 926)
- recommended for steam service up to **450°F (232°C)**
- easy to seal
- use with Boss™ clamps found on pages 75, 76

**Boss™ Ground Joint Couplings with Female Spud**

Hose Shank x NPT	Plated Steel and / or Iron Part #	316 Stainless Steel Part #	Brass Part #
1/4"	GF1 ¹	---	---
3/8"	GF3 ¹	---	---
1/2"	GF6	---	---
1/2" x 3/4"	GF26-1	---	---
3/4"	GF26	RGF26	BGF26
1"	GF36	RGF36	BGF36
1 1/4"	GF51	RGF51	---
1 1/2"	GF61	RGF61	---
2"	GF81 ²	RGF81 ²	---
2 1/2"	GF96	---	---
3"	GF111	---	---
4"	GF141	---	---
6"	GF201 ¹	---	---

¹ 1/4", 3/8" and 6" available only with copper seat spuds

² not to be used with #250, #275 or #306 Boss™ clamps

**Boss™ Ground Joint Stems**

Hose Shank x NPT	Plated Steel and / or Iron Part #	Optional Qty	316 Stainless Steel Part #	Brass Part #
1/4"	GBA	100	---	---
3/8"	GCA	100	---	---
1/2"	GB1	100	---	---
1/2" x 3/4"	GB6-1	50	---	---
3/4"	GB6	50	RGB6	BGB6
1"	GB11	50	RGB11	BGB11
1 1/4"	GB16	25	RGB16	---
1 1/2"	GB21	25	RGB21	---
2"	GB26 ²	10	RGB26 ¹	---
2 1/2"	GB31	5	---	---
3"	GB36 ²	5	---	---
4"	GB46	5	---	---
6"	GB66	2	---	---

¹ not to be used with #250, #275 or #306 Boss™ clamps

² GB26 / GB36 have machined shank to accept Boss™ clamps, King Crimp™ sleeves, ferrules. Use only Boss clamps on GB26 / GB36 for steam service.



Only use the crimp style shanks with the crimp style sleeves and ferrules.

Due to differences in dimensions and tolerances for safety reasons, do not interchange other manufacturer's products with Dixon® products. Pressure rating is based on the seal of the mating part. Reference dixonvalve.com for a complete list of ratings.

The King Crimp™ sleeve and ferrule are not intended for steam service.

Boss™ Wing Nuts



plated iron / steel



316 stainless steel



brass

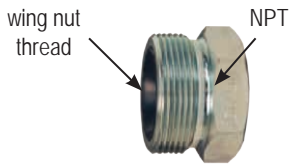
Size	Plated Steel and / or Iron Part #	Optional Qty	316 Stainless Steel Part #	Brass Part #
1/4"	SLS4	100	---	---
3/8"	CB	100	---	---
1/2"	B2	100	---	---
3/4"	B12	25	RB12	BB12
1"	B12	25	RB12	BB12
1 1/4"	B17	25	RB17	---
1 1/2"	B17	25	RB17	---
2"	B27	10	RB27	---
2 1/2"	B32	5	---	---
3"	B37	5	---	---
4"	B47	5	---	---
6"	B67	2	---	---

Boss™ Knurled Nut



Size	Plated Steel Part #	Optional Qty
3/4" and 1"	KB12	25

Boss™ Ground Joint Female Spuds



Thread	Plated Steel and / or Iron Part #	Optional Qty	316 Stainless Steel Part #	Brass Part #
1/4"	GBC ¹	100	---	---
3/8"	GCC ¹	100	---	---
1/2"	GB3	100	---	---
3/4"	GB8	50	RGB8	BGB8
1"	GB13	50	RGB13	BGB13
1 1/4"	GB18	25	RGB18	---
1 1/2"	GB23	25	RGB23	---
2"	GB28	10	RGB28	---
2 1/2"	GB33	5	---	---
3"	GB38	5	---	---
4"	GB48	5	---	---
6"	GB68 ¹	2	---	---

¹ 1/4", 3/8" and 6" available only with copper seat spuds, all other sizes have polymer seats

Boss™ Ground Joint Male Spuds

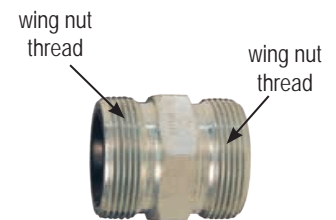
Thread	Plated Steel Part #	Plated Iron Part #
3/8"	GMC¹	---
1/2"	GM3	---
3/4"	GM8	---
1"	GM13	---
1 1/4"	---	GM18
1 1/2"	---	GM23
2"	---	GM28
2 1/2"	---	GM33
3"	---	GM38

¹ 1/4", 3/8" and 6" available only with copper seat spuds, all other sizes have polymer seats

Hose Coupling
Systems


Boss™ Ground Joint Double Spuds

Thread	Plated Steel Part #	Plated Iron Part #
1/2"	GDB3	---
3/4" and 1"	GDB13	---
1 1/4" and 1 1/2"	---	GDB23
2"	---	GDB28
2 1/2"	---	GDB33
3"	---	GDB38



Boss Holedall™ Fittings

Applications:

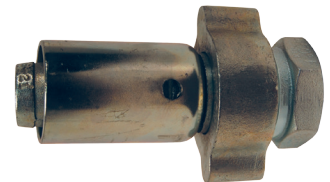
- designed for air and liquid applications where a permanent, low profile clamping system is desired
- *not for steam service* 

Features:

- supplied with carbon steel ferrules
- consult Dixon® for swage and/or crimp specifications

Size	Hose OD		Plated Iron / Steel Part #	Stainless Steel Part #
	From	To		
3/4"	1-10/64"	1-14/64"	GF26P1	---
	1-15/64"	1-18/64"	GF26P2	---
	1-19/64"	1-22/64"	GF26P3	---
1"	1-30/64"	1-34/64"	GF36P1	---
	1-35/64"	1-38/64"	GF36P2	---
	1-39/64"	1-42/64"	GF36P3	---
1 1/2"	1-58/64"	2"	GF61P1	RGF61P1
	2-1/64"	2-8/64"	GF61P2	RGF61P2
	2-9/64"	2-16/64"	GF61P3	---
2"	2-28/64"	2-40/64"	GF81P1 ¹	RGF81P1
	2-41/64"	2-48/64"	GF81P2 ¹	RGF81P2
	2-49/64"	2-56/64"	GF81P3 ¹	---
3"	3-30/64"	3-40/64"	GF111P1 ¹	---
	3-41/64"	3-48/64"	GF111P2 ¹	---
	3-49/64"	3-56/64"	GF111P3 ¹	---

¹ 2" and 3" have a machined shank



Boss™ Adapters

Female NPT

Features:

- designed to fit the standard ground joint spuds on pages 68, 69
- supplied with a wing nut, as shown
- for safety tags and safety tape, see page 910



Size	NEW	
	Plated Steel and / or Iron Part #	316 Stainless Steel Part #
¾"	GFAS6	RGFAS6
1"	GFAS11	RGFAS11
1¼"	GFAS16	---
1½"	GFAS21 ¹	---
2"	GFAS26	---
3"	GFAS36	---

¹ part is produced as a welded fabrication

Male NPT




Size	NEW	
	Plated Steel and / or Iron Part #	316 Stainless Steel Part #
¾"	GMAS6	RGMAS6
1"	GMAS11	---
1¼"	GMAS16	---
1½"	GMAS21	---
2"	GMAS26 ¹	---
3"	GMAS36	---

¹ uses a special wing nut, part # B27-1

Boss™ Wing Nut Caps

Features:

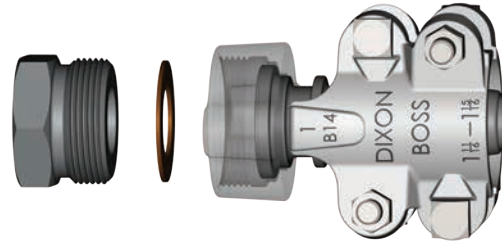
- supplied with 12" chain and washer
- for best results, use with washer style spuds and washers on page 72
- not intended for pressure applications 



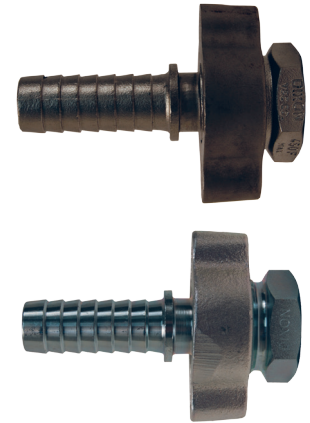
Size	Plated Steel and / or Iron Part #	316 Stainless Steel Part #	Opt Qty
¾" and 1"	B12SC	RB12SC	25
1¼" and 1½"	B17SC	---	25
2"	B27SC	---	10
3"	B37SC	---	5

Features:

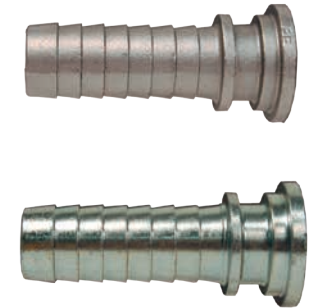
- recommended for steam service up to **450°F (232°C)**
- easy to seal
- Klingersil® C-4401 washer is inserted between the stem and spud
- leakproof seal forms by rotating the wing nut and hammering it tight
- use with Boss™ clamps found on pages 75 - 76
- use with wing nuts found on page 68

**BOSS™ Washer Seal Couplings with Female Spud**

Hose Shank x NPT	Plated Steel and / or Iron Part #	316 Stainless Steel Part #
3/8"	WF3	---
1/2"	WF6	---
1/2" x 3/4"	WF26-1	---
3/4"	WF26	RWF26
1"	WF36	RWF36
1 1/4"	WF51	RWF51
1 1/2"	WF61	RWF61
2"	WF81 ¹	RWF81 ¹
2 1/2"	WF96	---
3"	WF111	---

¹ not to be used with #250, #275 or #306 Boss™ clamps**BOSS™ Washer Seal Stems**

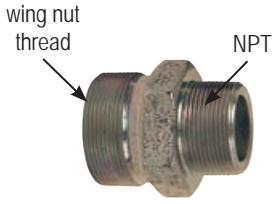
Hose Shank x NPT	Plated Steel and / or Iron Part #	Opt Qty	316 Stainless Steel Part #
3/8"	SS337	100	---
1/2"	B1	100	---
1/2" x 3/4"	B6-1	50	---
3/4"	B6	50	RB6
1"	B11	50	RB11
1 1/4"	B16	25	RB16
1 1/2"	B21	25	RB21
2"	B26 ¹	10	RB26 ¹
2 1/2"	B31	5	---
3"	B36	5	---

¹ not to be used with #250, #275 or #306 Boss™ clamps**BOSS™ Washer Seal Female Spuds**

Thread Size	Plated Steel and / or Iron Part #	Opt Qty	316 Stainless Steel Part #
3/8"	CC	100	---
1/2"	B3	100	---
3/4"	B8	25	RB8
1"	B13	50	RB13
1 1/4"	B18	25	RB18
1 1/2"	B23	25	RB23
2"	B28	10	RB28
2 1/2"	B33	5	---
3"	B38	5	---



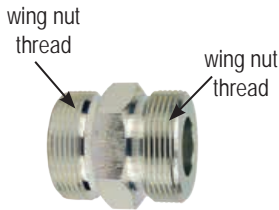
Boss™ Washer Seal Male Spuds



Thread	Plated Steel or Iron Part #
3/8"	WMC ¹
1/2"	WM3 ¹
3/4"	WM8 ¹
1"	WM13 ¹
1 1/4"	WM18 ²
1 1/2"	WM23 ²
2"	WM28 ²
3"	WM38 ²

¹ plated steel
² plated iron

Boss™ Washer Seal Double Spuds



Thread	Plated Steel or Iron Part #
3/8"	---
1/2"	DB3 ¹
3/4"	DB13 ¹
1"	DB13 ¹
1 1/4"	DB23 ²
1 1/2"	DB23 ²
2"	DB28 ²
3"	DB38 ²

¹ plated steel
² plated iron

Boss™ Washer Seal Washers



Size	Nitrile Rubber Bonded, Non-Asbestos Klingersil® C-4401 Part #
3/8"	WBC
1/2"	W2
3/4"	W12
1"	W12
1 1/4"	W17
1 1/2"	W17
2"	W27
2 1/2"	W32
3"	W37

Boss™ Male Stems

Features:

- recommended for steam service up to **450°F (232°C)**
- use with Boss™ clamps on pages 75 - 76 for safety tags and safety tape see page 910

Hose x NPT size	Plated Steel Bar Stock Part #	Opt Qty	Size	Plated Iron Part #	Opt Qty
1/4" x 1/8"	MS4X2	100	---	---	---
1/4" x 1/4"	MSA	100	---	---	---
1/4" x 3/8"	MSB	25	---	---	---
3/8" x 1/4"	MS6X4	100	1 1/4"	MS16	20
3/8" x 3/8"	MSC	100	1 1/2"	MS21	20
3/8" x 1/2"	MS6X8	50	2"	MS26	10
1/2" x 1/4"	MS8X4	50	2 1/2"	MS31	5
1/2" x 3/8"	MS8X6	50	3"	MS36	5
1/2" x 1/2"	MS1	50	4"	MS46	2
1/2" x 3/4"	MS8X12	25	---	---	---
3/4" x 1/2"	MS12X8	25	---	---	---
3/4" x 3/4"	MS6	50	---	---	---
3/4" x 1"	MS12X16	25	---	---	---
1" x 3/4"	MS16X12	25	---	---	---
1" x 1"	MS11	25	---	---	---



plated steel



plated iron



316 stainless



brass

Size	316 Stainless Part #	Size	Brass Part #
1/2"	RMS1	---	---
3/4"	RMS6	3/4"	BMS6
1"	RMS11	1"	BMS11
1 1/4"	RMS16	1 1/4"	BMS16
1 1/2"	RMS21	1 1/2"	BMS21
2"	RMS26	2"	BMS26
2 1/2"	RMS31	---	---
3"	---	3"	---

LP Boss™ Male Stems - Male NPT End

Hose Coupling Systems



Size	Schedule 40 Plated Steel Part #	Schedule 40 Stainless Steel Part #	Schedule 80 Plated Steel Part #
1¼"	LP16	---	LP16-80 ¹
1½"	LP21	---	LP21-80 ¹
2"	LP26	---	LP26-80 ¹
2½"	LP31	---	---
3"	LP36	RLP36	---
4"	LP46	RLP46	---
6"	LP66	---	---

¹ schedule 80 stems meet NFPA 58

LP Boss™ Male Stems - Beveled End



Size	Schedule 40 Unplated Steel Part #
2"	LPB26
3"	LPB36

Boss™ Hose Menders

Features:

- collars designed to engage gripping fingers of Boss™ clamps
- ¾" - 3" plated iron; ½" plated steel



Size	Part #
½"	M1
¾"	M6
1"	M11
1¼"	M16
1½"	M21
2"	M26
2½"	M31
3"	M36

Boss™ Spud x Hose Shank

Material:

- seat: polymer



Thread	Steel Part #
1"	GH1311
2"	GH2826

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

Features:

- recommended for steam service up to **450°F (232°C)**
- recommended torque rating in ft. lbs.
- replacement nuts and bolts are available, contact Dixon® for more information

2 Bolt Type, 2 Gripping Fingers

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

**4 Bolt Type, 2 Gripping Fingers**

Hose ID	Hose OD		Zinc Plated Iron Part #	Pkg Qty	Stainless Steel ⁴ Part #	Torque ² ft. lbs.	Brass Part #	Torque
	from	to						
1"	1-34/64"	1-46/64"	BU14	25	RBU14	21	BBU14	18
1"	1-44/64"	1-60/64"	B14	25	RB14	21	---	---
1"	1-60/64"	2-8/64"	B15	20	---	21	---	---
1 1/4"	1-32/64"	1-50/64"	BU18	20	---	40	---	---
1 1/4"	1-50/64"	2-6/64"	BU19	10	---	40	---	---
1 1/4"	2-8/64"	2-24/64"	B19	10	RB19	40	---	---
1 1/2"	1-52/64"	2"	BU22	10	---	40	---	---
1 1/2"	2"	2-14/64"	B22	10	---	40	---	---
1 1/2"	2-12/64"	2-24/64"	BU24	10	RBU24	40	---	---
1 1/2"	2-24/64"	2-36/64"	B24	10	RB24	40	---	---
1 1/2"	2-36/64"	2-48/64"	B25	10	---	40	---	---
2"	2-22/64"	2-34/64"	BU28	9	---	60	---	---
2"	2-32/64"	2-50/64"	BU29	10	RBU29	60	BBU29 ¹	40
2"	2-48/64"	3-4/64"	B29	10	RB29	60	---	---
2"	3-6/64"	3-28/64"	B30	5	---	60	---	---
2 1/2"	3-6/64"	3-28/64"	BU34	5	---	60	---	---
2 1/2"	3-32/64"	3-60/64"	B34	5	---	150	---	---
3"	3-32/64"	3-60/64"	BU35	5	RBU35	150	---	---
3"	3-52/64"	4-4/64"	B35	5	---	150	---	---
3"	4-4/64"	4-28/64"	B39	5	---	200	---	---



¹ will become obsolete as inventory is depleted

² torque applies to plated iron and stainless steel clamps

³ global investment cast carbon steel

⁴ 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.

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

Features:

- recommended for steam service up to **450°F (232°C)**
- recommended torque rating in ft. lbs.
- replacement nuts and bolts are available, contact Dixon® for more information

4 Bolt Type, 4 Gripping Fingers

Hose ID	Hose OD		Zinc Plated Iron Part #	Optional Qty	Torque Ft. Lbs.
	from	to			
½"	58/64"	1-2/64"	968	50	6
1"	1-26/64"	1-36/64"	156	20	21
1¼"	1-44/64"	1-56/64"	187	10	21
1¼"	1-56/64"	2-4/64"	206	20	21
1½"	2"	2-8/64"	212	10	21
1½"	2-4/64"	2-16/64"	225	10	40
2"	2-16/64"	2-32/64"	250 ¹	10	40
2"	2-32/64"	2-48/64"	275 ¹	10	40
2"	2-48/64"	3-4/64"	306 ¹	5	60
2½"	3-4/64"	3-32/64"	350	5	60
3"	3-32/64"	3-48/64"	375	5	60
3"	3-48/64"	4"	401	5	150
3"	4"	4-12/64"	418	2	200
3"	4-12/64"	4-32/64"	450	2	200

¹ not to be used with GF81, GB26, WF81, B26, RGF81, RGB26, BGF81, RWF81, RB26

**6 Bolt Type, 3 Gripping Fingers**

Hose ID	Hose OD		Zinc Plated Iron Part #	Optional Qty	Torque Ft. Lbs.
	from	to			
3"	4-16/64"	4-52/64"	BS39	2	150
4"	4-40/64"	5"	B45	3	150
4"	4-56/64"	5-16/64"	BS49	2	200
4"	5-16/64"	5-38/64"	BU49	2	200
4"	5-34/64"	5-60/64"	B49	2	200

**6 Bolt Type, 6 Gripping Fingers**

Hose ID	Hose OD		Zinc Plated Iron Part #	Optional Qty	Torque Ft. Lbs.
	from	to			
6"	6-56/64"	7-24/64"	750	1	200
6"	7-32/64"	8"	850	1	200



Ground Joint Air Hammer Couplings with Female Spud

Female Spud

Features:

- rounded steel head of stem fits concave inserts in spuds for superior sealing
- metal-to-metal copper seat seal
- for use with Boss™ clamps on page 75 -76

Style	NPT Size	Plated Steel / Iron Part #
Compact	1/2"	GDF6
	3/4"	GDF8
Heavy Duty	3/4"	GDF10
	1"	GDF12



Hose Coupling
Systems

Stems

Style	Hose ID	Plated Steel Part #
Compact	1/2"	GBA45
	3/4"	GBA46
Heavy Duty	3/4"	GBB18
	1"	GBB11



B

Wing Nuts

Style	Hose ID and NPT Sizes	Coarse Nut Thread	Iron Part #
Compact	1/2"	1-31/64" OD x 8 TPI	J47
	3/4"		J47
Heavy Duty	3/4"	1-47/64" OD x 8 TPI	DLB12
	1"		DLB12



Female Spuds

Style	NPT Size	Coarse Nut Thread	Plated Steel w/ Copper seat Part #
Compact	1/2"	1-31/64" OD x 8 TPI	GJ65
	3/4"		GJ55
Heavy Duty	3/4"	1-47/64" OD x 8 TPI	GDL8
	1"		GDL13



Male Spuds

Style	Hose ID and NPT Sizes	Coarse Nut Thread	Plated Steel w/ Copper seat Part #
Compact	1/2"	1-31/64" OD x 8 TPI	GJ60
	3/4"		GJ50
Heavy Duty	3/4"	1-47/64" OD x 8 TPI	GDL7
	1"		GDL10



Double Spuds

Style	Hose ID and NPT Sizes	Coarse Nut Thread	Plated Steel w/ Copper seat Part #
Compact	1/2"	1-31/64" OD x 8 TPI	GJ75
	3/4"		GJ75
Heavy Duty	3/4"	1-47/64" OD x 8 TPI	GDL25
	1"		GDL25

