

Dixon® Type C Couplers

coupler x hose shank

Features:

- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 167 - 170.
- ½" Dixon coupler has only one cam arm.
- Pull rings are not supplied on ½" - 1" Dixon® couplings.



356T6 aluminum



aluminum hard coat



brass



unplated ductile iron



316 stainless steel

Hose ID	356T6 Aluminum Part #	Aluminum Hard Coat Part #	Brass Part #
½"	50-C-AL	---	50-C-BR
¾"	75-C-AL	---	75-C-BR
1"	100-C-AL	---	100-C-BR
1¼"	125-C-AL	---	125-C-BR
1½"	150-C-AL	150-C-ALH	150-C-BR
2"	200-C-AL	200-C-ALH	200-C-BR
2½"	250-C-AL	---	250-C-BR
3"	300-C-AL	300-C-ALH	300-C-BR
4"	400-C-AL	400-C-ALH	400-C-BR
5"	500-C-AL	---	---
6"	600-C-AL	600-C-ALH	600-C-BR
8"	800-C-AL ¹	---	---

Hose ID	Unplated Ductile Iron Part #	316 Stainless Steel Part #
½"	---	50-C-SS
¾"	---	75-C-SS
1"	---	100-C-SS
1¼"	---	125-C-SS
1½"	150-C-MI	150-C-SS
2"	200-C-MI ²	200-C-SS
2½"	---	250-C-SS
3"	300-C-MI ^{2, 3}	300-C-SS
4"	400-C-MI ^{2, 3}	400-C-SS
5"	---	500-C-SS
6"	600-C-MI ^{2, 3}	600-C-SS

¹ Dixon® and Boss-Lock™ cam & groove couplings *do not interchange in the 8" size*. The 8" Dixon® design has 4 cam arms.

² Suitable for use with King Crimp™ sleeves and ferrules, see pages 111 - 114

³ ductile iron

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.



coupler x hose shank with abrasion resistant inserts

Feature:

- used in extreme abrasion transfer applications such as sand transfer in hydraulic fracturing

Description	UHMW Polyethylene Part #
(400-C-AL) aluminum coupler x hose shank with UHMW insert	400-C-ALINSERT
(400-A-MI) malleable iron coupler x hose shank with UHMW insert	400-C-MIINSERT

Replacement inserts are available on page 172.

NEW




400-C-MIINSERT

Dixon® Type C Couplers with Notched NOS Shank

coupler x NOS shank


Features:

- system allows you to better manage your inventories, you can stock one stem and two ferrules, and cover the same hose range with less inventory, *you must purchase a fitting and the matching ferrule to create an assembly*
- for hose outside diameters of 2-4/64" and below, *the couplings are crimp only* 
- for hose outside diameters of 2-5/64" and above, the couplings can be crimped or swaged
- for use with notched ferrules on page 143
- see page 195 for male NPT notched NOS fittings

Size	316 Stainless Steel Part #
1½"	150CNOSSS ¹
2"	200CNOSSS
3"	300CNOSSS

¹part will be discontinued as stock is depleted

Only use the NOS shank with the NOS ferrules.

Due to differences in dimensions and tolerances for safety reasons, do not use other manufacturer's stems or ferrules with Dixon® products. 



Cam & Groove

Boss-Lock™ Type C Couplers

coupler x hose shank

Features:

- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 167 - 170
- All Boss-Lock™ couplers are supplied with pull-ring safety clips.

Size	356T6 Aluminum Part #	Brass Part #
¾"	AC075	BC075
1"	AC100	BC100
1¼"	AC125	BC125
1½"	AC150	BC150
2"	AC200	BC200
2½"	AC250	BC250
3"	AC300	BC300
4"	AC400	BC400
6"	AC600	BC600
8"	AC800 ¹	---



356T6 aluminum



brass


Size	Plated Malleable Iron Part #	316 Stainless Steel Part #
¾" x ½"	---	RC050BL
¾"	IC075	RC075BL
1"	IC100	RC100BL
1¼"	---	RC125BL
1½"	IC150	RC150BLNO
2"	IC200	RC200BLNO
3"	IC300	RC300BL
4"	IC400 ²	RC400BLNO
6"	IC600 ²	---



plated malleable iron



316 stainless steel

¹ Dixon® and Boss-Lock™ cam & groove couplings *do not interchange in the 8" size.* 

² ductile iron

EZ Boss-Lock™ Type C Couplers with Collared Hose Shank

coupler x collared hose shank

Cam & Groove

**Features:**

- design provides greater resistance to end pull than conventional band clamps and are designed for use with Strap-Grip Saddles
 - saddles are sold in pairs and designed for use with $\frac{3}{4}$ " or $\frac{5}{8}$ " wide band clamps
 - bands must be purchased separately
- band clamps should first be applied to the OD to seal the hose, then Strap-Grip saddles should be banded over the initial clamp to anchor the fitting in the hose

Size	316 Stainless Steel Part #
1"	RC100CEZ
1½"	RC150CEZ
2"	RC200CEZ

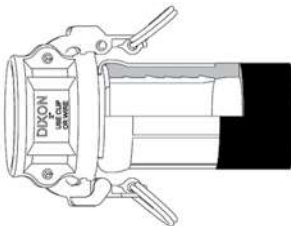
Boss-Lock™ Type C Couplers with Notched Shank

coupler x hose shank

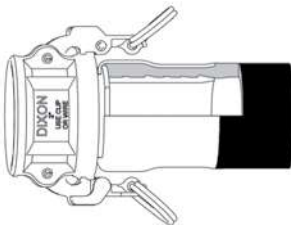
**Features:**

- coupling can be removed from a damaged hose by cutting away the ferrule, without necessarily damaging the fitting, *after inspection of the fitting to determine its suitability for reuse*, it can be reinstalled into another hose by using a *new ferrule*
- system allows you to better manage your inventories, you can stock one coupling and two ferrules, and cover the same hose range with less inventory, *you must purchase a fitting and the matching ferrule to create an assembly*
- for use with notched ferrules on page 144

Dixon® stems and ferrules are specifically designed to be used together as a coupling system. Due to differences in dimensions and tolerances for safety reasons, do not use other manufacturer's stems or ferrules with Dixon® products.



crimped assembly



swaged assembly

Size	316 Stainless Steel Part #
1½"	RC150BLNO
2"	RC200BLNO
3"	RC300BLNO
4"	RC400BLNO

Contact Dixon® for swage and crimp recommendations.

EZ Boss-Lock™ Type C Couplers

coupler x hose shank

Feature:

- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 167 - 170

Size	356T6 Aluminum Part #	Brass Part #	316 Stainless Steel Part #
3/4" x 1/2"	---	---	RC050EZ
3/4"	AC075EZ	BC075EZ	RC075EZ
1"	AC100EZ	BC100EZ	RC100EZCR
1 1/4"	---	BC125EZ	RC125EZCR
1 1/2"	AC150EZ	BC150EZ	RC150EZNO
2"	AC200EZ	BC200EZ	RC200EZNO
2 1/2"	AC250EZ	---	---
3"	AC300EZ	BC300EZ	RC300EZCR
4"	AC400EZ	BC400EZ	RC400EZCR
6"	AC600EZ	---	RC600EZCR
8"	AC800EZ ¹	---	---

¹ Dixon® and Boss-Lock™ cam & groove couplings *do not interchange in the 8" size. Under no circumstances should the EZ Boss-Lock™ cam arms be used on any fitting not specifically designed for their use.*

See pages 121 - 125 for further specifications.



356T6 aluminum



brass



316 stainless steel

Cam & Groove

EZ Boss-Lock™ Type C Couplers with Phono Finish Shank**Applications:**

- The shank design on these fittings was developed specifically for chemical transport hoses having Crosslinked Polyethylene (XLPE) or Ultra High Molecular Weight Polyethylene (UHMW) tubes, where shank retention can be a problem when using conventional band clamps.

Features:

- in testing tank transport hoses from a wide variety of manufacturers, the Boss-Lock™ PF fitting showed significant improvement in hose coupling retention over the conventional cam & groove shank design
- for best results we recommend the use of 3/4" wide band clamps found on page 276
- other sizes available, consult Dixon® for pricing and availability

Size	316 Stainless Steel Part #	Optional Qty
2"	RC200EZPF	10
3"	RC300EZPF	5



EZ Boss-Lock™ Type C Couplers with Swaged Ferrule



Application:

- Developed specifically for chemical transport hoses having Crosslinked Polyethylene (XLPE) or Ultra High Molecular Weight Polyethylene (UHMW) tubes. Swaged Boss-Lock™ provides you with a permanently attached cam and groove fitting when superior coupling retention is required.

Features:

- in testing tank transport hoses from a wide variety of manufacturers, the swaged Boss-Lock™ fitting proved itself to be the clear winner in overall performance
- available on special order, other sizes or hose OD's, consult Dixon® for pricing and availability
- special equipment required for installation*, consult Dixon® for pricing and availability or refer to page 85 for more information

Size	Hose OD		316 Stainless Steel Part #
	from	to	
¾"	1-6/64"	1-22/64"	RC075EZ-70
1"	1-29/64"	1-35/64"	RC100EZ-20
1"	1-36/64"	1-44/64"	RC100EZ-70

EZ Boss-Lock™ Type C Couplers with Notched Hose Shank coupler x hose shank



Features:

- coupling can be removed from a damaged hose by cutting away the ferrule, without necessarily damaging the fitting, *after inspection of the fitting to determine its suitability for reuse*, it can be reinstalled into another hose by using a *new ferrule*
- system allows you to better manage your inventories, you can stock one coupling and two ferrules, and cover the same hose range with less inventory, *you must purchase a fitting and the matching ferrule to create an assembly*
- for use with notched ferrules on page 143

Size	316 Stainless Steel Part #
1½"	RC150EZNO
2"	RC200EZNO
3"	RC300EZNO
4"	RC400EZNO

Dixon® stems and ferrules are specifically designed to be used together as a coupling system. Due to differences in dimensions and tolerances for safety reasons, do not use other manufacturer's stems or ferrules with Dixon® products.

