



## Boss-Lock PF

# Cam and Groove

*Dixon developed the shank design on these fittings for chemical transfer hoses with Crosslinked Polyethylene (XPE) or Ultra High Molecular Weight Polyethylene (UHMW) tubes, where shank retention can be a problem when using conventional band clamps.*



Type C Coupler x Special Hose Shank			Type E Adapter x Special Hose Shank		
Size	Stainless Steel Part #	Pky Qty	Size	Stainless Steel Part #	Pky Qty
1½"	RC150EZPF	5	1½"	RE150PF	5
2"	RC200EZPF	10	2"	RE200PF	10
3"	RC300EZPF	5	3"	RE300PF	5

- When testing transfer hoses from a wide variety of manufacturers, the Boss-Lock PF fitting showed significant improvement over the conventional cam and groove shank design.
- Other sizes are available on special order. Consult the factory for pricing and availability.
- For best results the use of ¾" wide band clamps is recommended (listed below).

¾" K Series Band Clamps *			¾" Dixon Smooth I.D. Clamps **			
I.D. Size	Stainless Steel Part #	Pkg Qty	I.D. Size	201 Stain. Steel Part #	Galv. Steel Part #	Pkg Qty
2"	KS87501	100	2"	JS227	JS327	100
2¼"	KS97501	100	--	--	--	--
2½"	KS107501	50	--	--	--	--
2¾"	KS117501	50	2¾"	JS210	JS310	50
3"	KS127501	50	3"	JS211	JS311	50
3½"	KS147501	50	3½"	JS212	JS312	50
4"	KS167501	25	4"	JS213	JS313	25
4½"	KS187501	25	4½"	JS214	JS314	25
5"	KS207501	25	5"	JS215	JS315	25
6"	KS247501	25	6"	JS216	JS316	25
7"	KS287501	25	7"	JS218	JS318	25
8"	KS327501	25	8"	JS219	JS319	25

\* K Series bands are 300 series stainless; buckles are 302 series stainless

\*\* .030 thick

\*\* Must be applied with F-175 hand tool

\*\* Sold in box quantity only

# Notched Swaged-On Cam and Groove

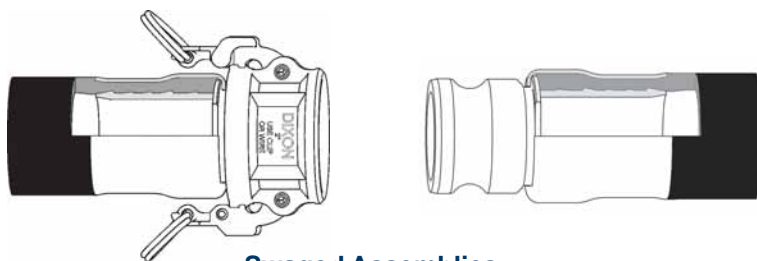
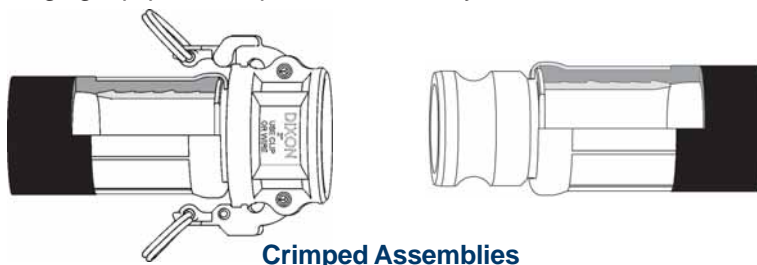
*The greatest advantage to using the notched Boss-Lock design is the fact that a coupling can be removed from a damaged hose by cutting away the ferrule without necessarily ruining the fitting.*

- After inspection to determine its suitability for reuse the coupling can be installed into another hose using a new ferrule.
- The notched EZ Boss-Lock system allows you to better manage your inventory. Stock one coupling and two different ferrules and you will cover the same hose ranges with less inventory.



Coupler x Hose Shank			Adapter x Hose Shank		Ferrule
Size	Minimum Hose O.D.	Maximum Hose O.D.	Stainless Steel Part #	Stainless Steel Part #	Stainless Steel Notched Ferrule Part #
1½"	1-60/64"	2-12/64"	RC150EZNO	RE150NO	GAS2334NO
1½"	2-4/64"	2-22/64"	RC150EZNO	RE150NO	GAS2370NO
2"	2-30/64"	2-44/64"	RC200EZNO	RE200NO	GAS2709NO
2"	2-42/64"	2-54/64"	RC200EZNO	RE200NO	GAS2885NO
3"	3-30/64"	3-46/64"	RC300EZNO	RE300NO	GAS3760NO
3"	3-47/64"	3-54/64"	RC300EZNO	RE300NO	GAS3885NO
4"	4-40/64"	4-47/64"	RC400EZNO	RE400NO	GAS5010NO

Note: Special swaging equipment required for assembly.



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## Hose Coupling Safety

Dixon's couplings and retention devices are designed to work safely for their intended use. The selection of the proper hose, coupling and retention devices, and the proper application of the coupling to the hose are of the utmost importance. Users must consider the size, temperature, application, media, pressure and the hose and coupling manufacturer's recommendations when selecting the proper hose assembly components. Dixon recommends that all hose assemblies be tested in accordance with the Rubber Manufacturers Association's recommendations and be inspected regularly (before each use) to ensure that they are not damaged or become loose.

Where safety devices are integral to the coupling, they must be working and utilized. The use of supplementary safety devices, such as safety clips and "King Cable" safety cables, are recommended. If any problem is detected, couplings must be removed from service immediately.

Please take advantage of Dixon's highly trained staff for consultation and training. Do not hesitate in contacting us for recommendations on the proper selection and application of the fittings and accessories offered in our catalog.

We strongly recommend that distributors and end users make use of Dixon's Engineering services for recommendations on special or critical applications.

Dixon can be contacted at 1-800-355-1991.