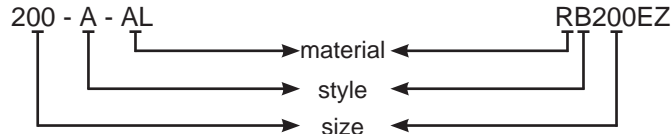


Ordering System



Cam & Groove

Size represents the coupler or adapter and hose or pipe end (i.e. 200 = 2"). If the coupling is a reducing size, the coupler or adapter is the first size (i.e. 4030-C is 4" coupler to 3" hose shank).

Operation of Cam and Groove

1. To make connection, slide the adapter into the coupler and with normal hand pressure, press the cam levers down.
2. Uncoupling is as quick and simple as coupling. Just lift the cam arms and remove the adapter.

Specifications on Dixon Cam and Groove

Specifications:

- Dixon®, Boss-Lock™ and EZ Boss-Lock™ cam & groove couplers and adapters are produced to interchange with all product produced to Commercial Item Description A-A-59326D.
- No standard exists for the ½", 5" and 8" fittings, and generally these sizes do not interchange with other manufacturers.
- Dust caps and dust plugs are **not** to be used in pressure applications for safety and environmental reasons.
- *Designed for use with liquids*, consult Dixon® for specific recommendations.

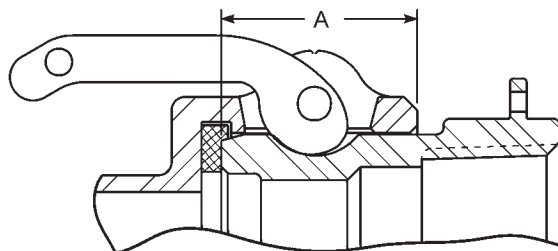
Pressure Ratings:

Recommendations based on the use of mating Dixon® fittings at ambient temperature **70°F (21°C)** with standard Buna-N seal installed. For use at elevated temperature or other unusual operating conditions, consult Dixon®. Dixon®, Boss-Lock™ and EZ Boss-Lock™ couplers and adapters maximum working pressure are as follows:



Size	½"	¾" thru 2"	2½"	3"	4"	5" and 6"	8"
PSI	150	250	150	125	100	75	50
PSI (working pressure with King Crimp™ ferrule system)	150	250	150	150	150	75	50

Cam and Groove Nominal Take-Up Lengths



Coupling Size	Dimension A
½"	0.97"
¾"	0.97"
1"	1.20"
1¼"	1.44"
1½"	1.50"
2"	1.81"
2½"	1.82"
3"	1.78"
4"	1.84"
5"	2.00"
6"	2.13"
8"	2.06"
8"	3.22"

Boss-Lock™ Type D Couplers coupler x female NPT



356T6 aluminum



brass



plated malleable iron



316 stainless steel

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	Brass
	Part #	Part #
3/4" x 1/2"	AD050	BD050
3/4"	AD075	BD075
1"	AD100	BD100
1 1/4"	AD125	BD125
1 1/2"	AD150	BD150
2"	AD200	BD200
2 1/2"	AD250	BD250
3"	AD300	BD300
4"	AD400	BD400
5"	AD500	---
6"	AD600	BD600
8"	AD800 ¹	---

Size	Plated Malleable Iron	316 Stainless Steel
	Part #	Part #
3/4" x 1/2"	---	RD050BL
3/4"	ID075	RD075BL
1"	ID100	RD100BL
1 1/4"	---	RD125BL
1 1/2"	ID150	RD150BL
2"	ID200	RD200BL
3"	ID300	RD300BL
4"	ID400	RD400BL
6"	ID600 ²	---

- ¹ Dixon® and Boss-Lock™ cam & groove couplings *do not interchange in the 8" size.*
- ² ductile iron

