

Dixon® Type B Couplers

female coupler x male NPT

Features:

- Finger rings are not supplied on ½" - 1" Dixon® couplings.
- ½" Dixon coupler has only one cam arm.
- Couplers are supplied standard with a Buna-N gasket. Other gasket types are available on pages 65-67.

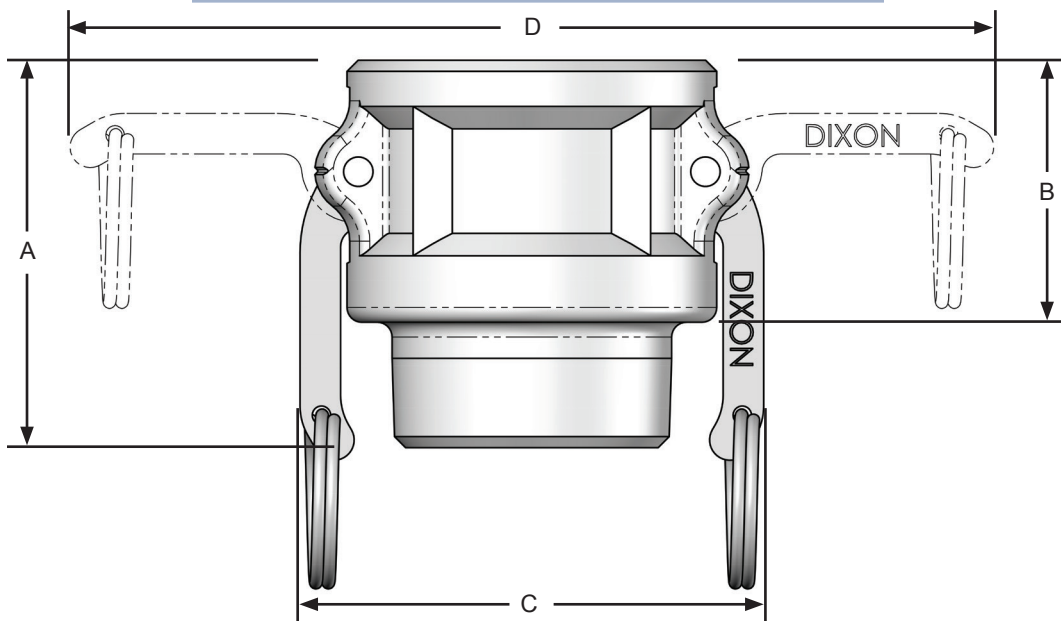
Size	356T6 Aluminum Part #	Aluminum Hard Coat Part #	Brass Part #	Unplated Malleable Iron Part #	316 Stainless Steel Part #
½"	50-B-AL	---	50-B-BR	---	50-B-SS
¾"	75-B-AL	---	75-B-BR	---	75-B-SS
1"	100-B-AL	---	100-B-BR	---	100-B-SS
1¼"	125-B-AL	---	---	---	---
1½"	150-B-AL	150-B-ALH	150-B-BR	150-B-MI ³	150-B-SS
2"	200-B-AL	200-B-ALH	200-B-BR	200-B-MI	200-B-SS
2½"	250-B-AL	---	---	---	250-B-SS
3"	300-B-AL	300-B-ALH	300-B-BR	300-B-MI ³	300-B-SS
4"	400-B-AL	400-B-ALH	400-B-BR	400-B-MI	400-B-SS
5"	500-B-AL	---	---	---	600-B-SS
6"	600-B-AL	600-B-ALH	---	---	---
8"	800-B-AL ^{1,2}	---	---	---	---



¹ Dixon® and Boss-Lock™ cam and groove couplings *do not interchange in the 8" and ½" sizes*. The 8" Dixon® design has 4 cam arms, Boss-Lock™ design has 2 cam arms.

² Parts are produced as a welded fabrication.

³ ductile iron



356T6 aluminum, brass and iron dimensions

Size	½"	¾"	1"	1¼"	1½"	2"	2½"	3"	4"	5"	6"	8"
A overall length	1-31/32	2-1/32	2-17/32	2¾	2-27/32	3¼	3¾	3-15/16	4-1/32	4-3/16	4-7/16	8¼
B coupler length	1-9/32	1-9/32	1-21/32	1-31/32	1-13/16	2-7/32	2¾	2-5/16	2-11/32	2-5/16	2¾	3-13/16
C distance across closed cam arms	1-17/32	2¾	2-7/16	3¼	3-9/16	3-15/16	4-7/16	5-15/32	6-9/16	7-9/16	10-3/32	12-1/32
D distance across open cam arms	2¾	4¾	5-3/16	7-5/32	7-7/16	7-13/16	8-11/32	10-3/32	11-3/16	12-3/16	16¼	19-31/32

316 stainless steel dimensions

Size	½"	¾"	1"	1¼"	1½"	2"	2½"	3"	4"	5"	6"	8"
A overall length	2-1/32	2¾	2-9/16	2-27/32	2-31/32	3-9/32	3-7/16	3-29/32	4	---	4-17/32	---
B coupler length	1-7/32	1¼	1-9/16	1-29/32	1-29/32	2-7/32	2¼	2-9/32	2-9/32	---	2-19/32	---
C distance across closed cam arms	1-17/32	2¾	2-7/16	3¼	3-9/16	3-15/16	4-7/16	5-15/32	6-9/16	---	10-3/32	---
D distance across open cam arms	2¾	4¾	5-3/16	7-5/32	7-7/16	7-13/16	8-11/32	9-15/16	11-1/32	---	16¼	---