

# Dry Break Cam and Groove Dry Disconnect Couplers

**Features:**

- automatic closing poppet assembly
- must be used with a DBA style adapter for coupler to operate, sold separately
- fully interchangeable with Kamvalok (OPW trademark) fittings
- maximum operating pressure at 70°F:
  - 1½" - 210 PSI
  - 2" - 150 PSI
  - 3" - 120 PSI
- aluminum fittings have stainless internals comparable to 304 stainless
- stainless handle allows exposure to corrosive chemicals or wash down service
- heavy duty handle attachment prevents bending of crank assembly
- one piece stainless crank and link provide long service life
- 1½" and 2" sizes have EZ Boss-Lock cam arms - prevent accidental opening caused by vibration or snagging
- 3" has large paddle type cam arms allowing an easy grip



**coupler x female NPT**

Female NPT	Coupler Size	Seal	Aluminum		Stainless Steel <sup>1</sup>	
			Part #	Price/E	Part #	Price/E
1½"	2"	Buna	<b>DBC61-150</b>	<b>\$753.40</b>	<b>DBC71-150</b>	<b>\$1668.00</b>
2"	2½"		<b>DBC61-200</b>	<b>792.55</b>	<b>DBC71-200</b>	<b>1855.75</b>
3"	4"		<b>DBC61-300</b>	<b>1650.70</b>	<b>DBC71-300</b>	<b>3983.20</b>
1½"	2"	FKM	<b>DBC62-150</b>	<b>816.85</b>	<b>DBC72-150</b>	<b>1731.90</b>
2"	2½"		<b>DBC62-200</b>	<b>887.90</b>	<b>DBC72-200</b>	<b>1951.65</b>
3"	4"		<b>DBC62-300</b>	<b>1842.45</b>	<b>DBC72-300</b>	<b>4194.95</b>
1½"	2"	PTFE Encapsulated Silicone & FFPM	<b>DBC63-150</b>	<b>1853.75</b>	<b>DBC73-150</b>	<b>2427.10</b>
2"	2½"		<b>DBC63-200</b>	<b>2124.15</b>	<b>DBC73-200</b>	<b>2838.60</b>
3"	4"		<b>DBC63-300</b>	<b>3413.85</b>	<b>DBC73-300</b>	<b>5627.20</b>
1½"	2"	EPT	<b>DBC64-150</b>	<b>1174.65</b>	<b>DBC74-150</b>	<b>1731.90</b>
2"	2½"		<b>DBC64-200</b>	<b>1303.75</b>	<b>DBC74-200</b>	<b>1951.65</b>
3"	4"		<b>DBC64-300</b>	<b>2115.95</b>	<b>DBC74-300</b>	<b>4194.95</b>
1½"	2"	FFPM and PTFE <sup>2</sup>	---	---	<b>DBC76-150</b>	<b>5193.75</b>
2"	2½"		<b>DBC66-200</b>	<b>4888.10</b>	<b>DBC76-200</b>	<b>5633.25</b>
3"	4"		---	---	<b>DBC76-300</b>	<b>11649.90</b>
1½"	2"	PTFE Encapsulated FKM & FFPM	---	---	<b>DBC77-150</b>	<b>2486.25</b>
2"	2½"		---	---	<b>DBC77-200</b>	<b>2455.65</b>
3"	4"		---	---	<b>DBC77-300</b>	<b>5215.75</b>
3"	4"	FKM-B	<b>DBC69-300</b>	<b>2223.30</b>	<b>DBC79-300</b>	<b>4592.50</b>



coupler x 1½" and 2" female NPT



coupler x 3" female NPT

**greaseless coupler x female NPT**

Female NPT	Coupler Size	Seal	Stainless Steel <sup>1</sup>	
			Part #	Price/E
1½"	2"	PTFE Encapsulated	<b>DBC77-150-GL</b>	<b>\$2764.70</b>
2"	2½"	FKM & FFPM	<b>DBC77-200-GL</b>	<b>2950.45</b>

<sup>1</sup> stainless steel corrosion resistance is comparable to 304 stainless steel

<sup>2</sup> FFPM gasket, main seal O-ring and handle O-ring, PTFE seals on cylinder assembly, stuffing box, and seal under poppet screw

**coupler x 90° swivel female NPT**

Female NPT	Coupler Size	Seal	Aluminum	
			Part #	Price/E
2"	2½"	Buna	<b>DBS61-200</b>	<b>\$960.85</b>
2"	2½"	FKM	<b>DBS62-200</b>	<b>1108.30</b>
2"	2½"	PTFE Encapsulated FKM & FFPM	<b>DBS63-200</b>	<b>2251.45</b>



## Dust Plugs for Couplers

Size	Aluminum		316 Stainless Steel	
	Part #	Price/E	Part #	Price/E
2"	<b>G200-DP-AL</b>	<b>\$6.55</b>	<b>G200-DP-SS</b>	<b>\$33.55</b>
2½"	<b>G250-DP-AL</b>	<b>9.70</b>	<b>G250-DP-SS</b>	<b>60.10</b>
4"	<b>G400-DP-AL</b>	<b>17.50</b>	<b>G400-DP-SS</b>	<b>86.85</b>



## Locking Kits for Couplers

Description	Aluminum	
	Part #	Price/E
for use with 1½" and 2" dry disconnect couplers	<b>DBCL-200</b>	<b>\$182.85</b>
for use with 3" dry disconnect couplers	<b>DBCL-300</b>	<b>182.85</b>



DBCL-200