



# Cam and Groove Couplings

Cam and Groove Couplings provide for quick connecting and disconnecting by means of the camming action. This camming action allows pipe and hose connections to be made without the need of hand tools or difficult threaded connections. Cam and groove couplings are made up of two parts, male (adapter/plug) and female (coupler/socket) that work together. The male adapter is simply inserted into the female coupler until contact is made with the gasket.

All Cam and Groove Couplings are available in either Aluminum, Brass, Stainless Steel, Ductile Iron or Carbon Steel. Many other sizes available, please call for availability.

"A" Adapter  
Adapter x Female NPT Thread



Line Size	Part No.
1 1/2"	15-A
2"	20-A
2 1/2"	25-A
3"	30-A
4"	40-A
5"	50-A
6"	60-A
8"	80-A

Line Size	Part No.
1 1/2"	15-B
2"	20-B
2 1/2"	25-B
3"	30-B
4"	40-B
5"	50-B
6"	60-B
8"	80-B

"B" Coupler  
Coupler x Male NPT Thread



"C" Coupler  
Coupler x Hose Shank



Line Size	Part No.
1 1/2"	15-C
2"	20-C
2 1/2"	25-C
3"	30-C
4"	40-C
5"	50-C
6"	60-C
8"	80-C

Line Size	Part No.
1 1/2"	15-D
2"	20-D
2 1/2"	25-D
3"	30-D
4"	40-D
5"	50-D
6"	60-D
8"	80-D

"D" Coupler  
Coupler x Female NPT Thread



\*Larger sizes available for some parts. Please call for details.

"E" Adapter  
Adapter x Hose Shank



Line Size	Part No.
1 1/2"	15-E
2"	20-E
2 1/2"	25-E
3"	30-E
4"	40-E
5"	50-E
6"	60-E
8"	80-E

Line Size	Part No.
1 1/2"	15-F
2"	20-F
2 1/2"	25-F
3"	30-F
4"	40-F
5"	50-F
6"	60-F
8"	80-F

"F" Adapter  
Adapter x Male NPT Thread



"W" Adapter  
Dust Plug



Line Size	Part No.
1 1/2"	15-W
2"	20-W
2 1/2"	25-W
3"	30-W
4"	40-W
5"	50-W
6"	60-W
8"	80-W

Line Size	Part No.
1 1/2"	15-V
2"	20-V
2 1/2"	25-V
3"	30-V
4"	40-V
5"	50-V
6"	60-V
8"	80-V

"V" Coupler  
Dust Cap



Security Chains  
For Dust Caps & Dust Plugs



Length	Brass Part Number	Stainless Steel Part Number
6"	C-51	S-56
8"	Call	S-51
12"	C-52	S-52
48"	Call	Call

\*Please specify hooks or rings when ordering

Coupler Size	Brass Part Number
1/2 & 3/4	HB10
1"	HB11
1 1/4	HB12
1 1/2	HB15
2 & 2 1/2	HB20/25
3, 4 & 5	HB30/40/50
6, 8, 10 & 12	HB60/80
10 & 12	HB100

Standard Cam Assembly



\*Larger sizes available for some parts. Please call for details.



800-255-6213

# Special Cam and Groove Couplings

## Reducing Cam & Groove

"A" Reducer Adapter x Female NPT Thread



"B" Reducer Coupler x Male NPT Thread



"C" Reducer Coupler x Hose Shank



"D" Reducer Coupler x Female NPT Thread



"E" Reducer Adapter x Hose Shank



"F" Reducer Adapter x Male NPT Thread



"CXA" Short Reducer Coupler x Adapter



"CXA" Long Reducer Coupler x Adapter



"SA" Spool Adapter Adapter x Adapter



"CXC" Coupling Coupler x Coupler



## Weld Fittings

"AWB" Adapter Adapter x Butt Weld



"AWS" Adapter Adapter x Socket



"DWB" Coupler Coupler x Butt Weld



"DWS" Coupler Coupler x Socket Weld



Many other combinations available. If you don't see what you're looking for please email or call us!

# Quickie Line Adapters



Quickie Line Adapters are assembled as cam and groove fittings with tubing or pipe stubs pre-connected. With the use of a Morris Compression Coupling, this creates a quick and easy connection with your current application. No welding or threading necessary! Quickies are available in most pipe and tube sizes and are available with Aluminum and #304 Stainless Steel stubs and your choice of alloy for the cam and groove fittings. Call or email us for a quote! Please specify wall thickness of matching tube when quoting or ordering.

## Female Coupler

Part Number	Size	A	B
15-DD	1 1/2"	10 3/8"	2 3/4"
20-DD	2"	10 1/2"	3 1/8"
25-DD	3"	10 27/64"	3 1/2"
30-DD	4"	10 7/8"	3 9/16"
35-DD	3 1/2"	10 7/8"	3 9/16"
40-DD	4"	10 9/16"	4"
45-DD	4 1/2"	10 9/16"	4"
50-DD	5"	11 1/4"	4"
60-DD	6"	11 5/8"	4 3/8"

## Male Adapter

Part Number	Size	A	B
15-AA	1 1/2"	9 7/8"	2 1/4"
20-AA	2"	10 7/8"	3 3/8"
25-AA	3"	10 13/16"	3 13/16"
30-AA	4"	11 13/16"	3 15/16"
35-AA	3 1/2"	11 13/16"	3 15/16"
40-AA	4"	11 3/4"	4 1/2"
45-AA	4 1/2"	11 3/4"	4 1/2"
50-AA	5"	11 11/16"	4 7/16"
60-AA	6"	12"	4 3/4"

