Atlantic International
Coupling Company

Aic

Couplings

Large Inventory of Aluminum,
Brass, and Stainless Steel

CAM & GROOVE COUPLINGS

Metal Selection:
CB=Cast Brass
AL=Aluminum
SS=316 Stainless Steel

Units may be locked. Included safety clips can be inserted into lock handles to avoid disconnect during use.
* 1/2" couplers have one handle.

Part A
Male Adapters
Female Thread

Size	CB	AL	SS
1/2"	A5ACB	N/A	N/A
3/4"	A7ACB	A7AAL	A7ASS
1"	A10ACB	A10AAL	A10ASS
1-1/4"	A12ACB	A12AAL	A12ASS
1-1/2"	A15ACB	A15AAL	A15ASS
2"	A20ACB	A20AAL	A20ASS
2-1/2"	A25ACB	A25AAL	A25ASS
3"	A30ACB	A30AAL	A30ASS
4"	A40ACB	A40AAL	A40ASS
5"	A50ACB	A50AAL	A50ASS
6"	A60ACB	A60AAL	A60ASS

Part E
Male Adapters
Hose Shank

Size	CB	AL	SS
1/2"	A5ECB	N/A	N/A
3/4"	A7ECB	A7EAL	A7ESS
1"	A10ECB	A10EAL	A10ESS
1-1/4"	A12ECB	A12EAL	A12ESS
1-1/2"	A15ECB	A15EAL	A15ESS
2"	A20ECB	A20EAL	A20ESS
2-1/2"	A25ECB	A25EAL	A25ESS
3"	A30ECB	A30EAL	A30ESS
4"	A40ECB	A40EAL	A40ESS
5"	A50ECB	A50EAL	A50ESS
6"	A60ECB	A60EAL	A60ESS

Part B
***Female Couplers**
Male Thread

Size	CB	AL	SS
1/2"	A5BCB	N/A	N/A
3/4"	A7BCB	A7BAL	A7BSS
1"	A10BCB	A10BAL	A10BSS
1-1/4"	A12BCB	A12BAL	A12BSS
1-1/2"	A15BCB	A15BAL	A15BSS
2"	A20BCB	A20BAL	A20BSS
2-1/2"	A25BCB	A25BAL	A25BSS
3"	A30BCB	A30BAL	A30BSS
4"	A40BCB	A40BAL	A40BSS
5"	A50BCB	A50BAL	A50BSS
6"	A60BCB	A60BAL	A60BSS

Part F
Male Adapters
Male Thread

Size	CB	AL	SS
1/2"	A5FCB	N/A	N/A
3/4"	A7FCB	A7FAL	A7FSS
1"	A10FCB	A10FAL	A10FSS
1-1/4"	A12FCB	A12FAL	A12FSS
1-1/2"	A15FCB	A15FAL	A15FSS
2"	A20FCB	A20FAL	A20FSS
2-1/2"	A25FCB	A25FAL	A25FSS
3"	A30FCB	A30FAL	A30FSS
4"	A40FCB	A40FAL	A40FSS
5"	A50FCB	A50FAL	A50FSS
6"	A60FCB	A60FAL	A60FSS

Part C
***Female Couplers**
Hose Shank

Size	CB	AL	SS
1/2"	A5CCB	N/A	N/A
3/4"	A7CCB	A7CAL	A7CSS
1"	A10CCB	A10CAL	A10CSS
1-1/4"	A12CCB	A12CAL	A12CSS
1-1/2"	A15CCB	A15CAL	A15CSS
2"	A20CCB	A20CAL	A20CSS
2-1/2"	A25CCB	A25CAL	A25CSS
3"	A30CCB	A30CAL	A30CSS
4"	A40CCB	A40CAL	A40CSS
5"	A50CCB	A50CAL	A50CSS
6"	A60CCB	A60CAL	A60CSS

Part DP
Dust Plug
Use w/Adapters

Size	CB	AL	SS
1/2"	A5DPCB	N/A	N/A
3/4"	A7DPCB	A7DPAL	A7DPSS
1"	A10DPCB	A10DPAL	A10DPSS
1-1/4"	A12DPCB	A12DPAL	A12DPSS
1-1/2"	A15DPCB	A15DPAL	A15DPSS
2"	A20DPCB	A20DPAL	A20DPSS
2-1/2"	A25DPCB	A25DPAL	A25DPSS
3"	A30DPCB	A30DPAL	A30DPSS
4"	A40DPCB	A40DPAL	A40DPSS
5"	A50DPCB	A50DPAL	A50DPSS
6"	A60DPCB	A60DPAL	A60DPSS

Part D
***Female Couplers**
Female Thread

Size	CB	AL	SS
1/2"	A5DCB	N/A	N/A
3/4"	A7DCB	A7DAL	A7DSS
1"	A10DCB	A10DAL	A10DSS
1-1/4"	A12DCB	A12DAL	A12DSS
1-1/2"	A15DCB	A15DAL	A15DSS
2"	A20DCB	A20DAL	A20DSS
2-1/2"	A25DCB	A25DAL	A25DSS
3"	A30DCB	A30DAL	A30DSS
4"	A40DCB	A40DAL	A40DSS
5"	A50DCB	A50DAL	A50DSS
6"	A60DCB	A60DAL	A60DSS

Part DC
Dust Cap
Use w/Adapters

Size	CB	AL	SS
1/2"	A5DCCB	N/A	N/A
3/4"	A7DCCB	A7DCAL	A7DCSS
1"	A10DCCB	A10DCAL	A10DCSS
1-1/4"	A12DCCB	A12DCAL	A12DCSS
1-1/2"	A15DCCB	A15DCAL	A15DCSS
2"	A20DCCB	A20DCAL	A20DCSS
2-1/2"	A25DCCB	A25DCAL	A25DCSS
3"	A30DCCB	A30DCAL	A30DCSS
4"	A40DCCB	A40DCAL	A40DCSS
5"	A50DCCB	A50DCAL	A50DCSS
6"	A60DCCB	A60DCAL	A60DCSS

REPLACEMENT HANDLE PARTS

Part Description	Size (in.)	Brass Part No.	316 Stainless Steel Part No.
Handle Assembly (handle, ring, pin)	1/2"	5HRPBR	5HRPSS
	3/4"	7HRPBR	7HRPSS
	1"	10HRPBR	10HRPSS
	1-1/4"	12HRPBR	12HRPSS
	1-1/2"	15HRPBR	15HRPSS
	2"	20HRPBR	20HRPSS
	2-1/2"	25HRPBR	25HRPSS
	3"	30HRPBR	30HRPSS
	4"	40HRPBR	40HRPSS
	5"	50HRPBR	50HRPSS
	6"	60HRPBR	60HRPSS
Chain with "S" Hooks	6" long, 12" long with "s" hooks	60CHBR 120CHBR	60CHSS 120CHSS

All arm assemblies include one handle, one ring and one pin. Stainless Steel handles are investment cast.

Size	Stainless Steel Pin Part No.	Finger Ring Part No.	Locking Clip Part No.
3/4"	SSPN7	SSWR7	SSLC7
1"	SSPN10	SSWR10	SSLC10
1-1/4"	SSPN12	SSWR12	SSLC12
1-1/2"	SSPN15	SSWR15	SSLC15
2"	SSPN20	SSWR20	SSLC20
2-1/2"	SSPN25	SSWR25	SSLC25
3"	SSPN30	SSWR30	SSLC30
4"	SSPN40	SSWR40	SSLC40
5"	SSPN50	SSWR50	SSLC50
6"	SSPN60	SSWR60	SSLC60

Recommended operating conditions for cam and groove couplings:

Size	Max. Working Pressure (psi)		
	AL	SS	CB
3/4"	250	250	200
1"	250	250	200
1-1/4"	250	250	200
1-1/2"	250	250	200
2"	250	250	200
2-1/2"	150	225	150
3	125	200	125
4	150	150	150
5	75	75	75
6	75	75	75

WARNING

- If recommended working pressures are exceeded, burst or failure may occur
- Under no circumstances should cam and groove couplings be used for compressed gases/air or steam service
- Use only AIC cam arms on AIC products
- Dust caps and plugs are not to be used in pressure applications
- PSI ratings will be lower if banded

REPLACEMENT GASKETS

Size	Buna-N Standard (NB) Part No.	Buna-N Extra Thick Part No.	Neoprene (CR) Part No.	Viton® (FK) Part No.	Teflon® (TF) Part No.	EPDM (EP) Part No.
1/2"	5GSKNB	5GSKXNB	5GSKCR	5GSKFK	5GSKTF	5GSKEP
3/4"	7GSKNB	7GSKXNB	7GSKCR	7GSKFK	7GSKTF	7GSKEP
1"	10GSKNB	10GSKXNB	10GSKCR	10GSKFK	10GSKTF	10GSKEP
1-1/4"	12GSKNB	12GSKXNB	12GSKCR	12GSKFK	12GSKTF	12GSKEP
1-1/2"	15GSKNB	15GSKXNB	15GSKCR	15GSKFK	15GSKTF	15GSKEP
2"	20GSKNB	20GSKXNB	20GSKCR	20GSKFK	20GSKTF	20GSKEP
2-1/2"	25GSKNB	25GSKXNB	25GSKCR	25GSKFK	25GSKTF	25GSKEP
3"	30GSKNB	30GSKXNB	30GSKCR	30GSKFK	30GSKTF	30GSKEP
4"	40GSKNB	40GSKXNB	40GSKCR	40GSKFK	40GSKTF	40GSKEP
5"	50GSKNB	50GSKXNB	50GSKCR	50GSKFK	50GSKTF	50GSKEP
6"	60GSKNB	60GSKXNB	60GSKCR	60GSKFK	60GSKTF	60GSKEP

UNIVERSAL AIR HOSE FITTINGS

Part HE
Universal Hose End

Size	PS
1/4"	UA2HEP
3/8"	UA3HEP
1/2"	UA5HEP
3/4"	UA7HEP
1"	UA10HEP
1-1/4"	UA12HEP
1-1/2"	UA15HEP
2"	UA20HEP

Part TW
Universal 3-Way

PS
UATWP

Part ME
Universal Male End

Size	PS
1/4"	UA2MEP
3/8"	UA3MEP
1/2"	UA5MEP
3/4"	UA7MEP
1"	UA10MEP
1-1/4"	UA12MEP
1-1/2"	UA15MEP
2"	UA20MEP

Part BE
Universal
Bland End

PS
UABEP

Safety Whip

PS
UASCP

Part FE
Universal Female End

Size	PS
1/4"	UA2FEP
3/8"	UA3FEP
1/2"	UA5FEP
3/4"	UA7FEP
1"	UA10FEP
1-1/4"	UA12FEP
1-1/2"	UA15FEP
2"	UA20FEP

Washer

Size	NBR
2 Lug	UAGA2
4 Lug	UAGA4

KC NIPPLES

Plated	
Size	Part Number
1/2"	KCN1/2
3/4"	KCN3/4
1"	KCN10
1-1/4"	KCN12
1-1/2"	KCN15
2"	KCN20
2-1/2"	KCN25
3"	KCN30
4"	KCN40
6"	KCN60
8"	KCN80

Stainless Steel	
Size	Part Number
1/2"	-
3/4"	KCN3/4SS
1"	KCN10SS
1-1/4"	KCN12SS
1-1/2"	KCN15SS
2"	KCN20SS
2-1/2"	KCN25SS
3"	KCN30SS
4"	KCN40SS
6"	KCN60SS
8"	KCN80SS

ADAPTERS

Part AA
Male Adapters x Male Adapters

Size	Part Number
2"	A200AAAL
3"	A300AAAL
4"	A400AAAL
3" x 2"	A3020AAAL
3" x 4"	A304AAAL

Part DA
Female Couplers x Male Adapters

Size	Part Number
2" x 3"	A2030DAAL
2" x 4"	A2040DAAL
3" x 2"	A3020DAAL
3" x 4"	A3040DAAL
4" x 2"	A4020DAAL
4" x 3"	A4030DAAL

Part DD
Female Couplers x Female Couplers

Size	Part Number
2"	A200DDAL
3"	A300DDAL
4"	A400DDAL

CRIMP SLEEVES

Size	Part Number	Description	I.D.	O.D. Range
1-1/2"	CSS52	1-1/2" Stainless Steel Crimp Sleeve	2.055"	1.953-2.000"
1-1/2"	CSS54	1-1/2" Stainless Steel Crimp Sleeve	2.118"	2.016-2.063"
1-1/2"	CSS56	1-1/2" Stainless Steel Crimp Sleeve	2.181"	2.078-2.125"
1-1/2"	CSS57	1-1/2" Stainless Steel Crimp Sleeve	2.055"	2.141-2.1875"
2"	CSS67	2" Stainless Steel Crimp Sleeve	2.626"	2.516-2.563"
2"	CSS68	2" Stainless Steel Crimp Sleeve	2.689"	2.578-2.625"
2"	CSS70	2" Stainless Steel Crimp Sleeve	2.744"	2.641-2.688"
2"	CSS72	2" Stainless Steel Crimp Sleeve	2.807"	2.703-2.750"
3"	CSS94	3" Stainless Steel Crimp Sleeve	3.689"	3.578-3.625"
3"	CSS95	3" Stainless Steel Crimp Sleeve	3.750"	3.641-3.688"
3"	CSS97	3" Stainless Steel Crimp Sleeve	3.823"	3.703-3.750"
3"	CSS98	3" Stainless Steel Crimp Sleeve	3.886"	3.766-3.813"
4"	CSS118	4" Stainless Steel Crimp Sleeve	4.626"	4.578-4.625"
4"	CSS121	4" Stainless Steel Crimp Sleeve	4.752"	4.641-4.688"
4"	CSS122	4" Stainless Steel Crimp Sleeve	4.811"	4.703-4.750"

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Terms, Conditions and Ordering Information

When ordering couplers, it is the responsibility of the end user to specify the basic metal of the coupler and/or adapter and the gasket material, based on his/her knowledge of the solvent or corrosive characteristics, and the temperature and pressure of the vapor or liquid with which the basic metal of the coupler and/or adapter and gaskets will be in contact. Couplers must be used with a properly maintained and non-deteriorated gasket in order to function properly. Atlantic International Coupling Company strongly recommends the use of Atlantic International Coupling Company gaskets. Atlantic International Coupling Company specifically disclaims any responsibility for damage or injury when couplers are used without regard to the corrosive characteristics of the material with which the coupler is being used, and without properly maintained or deteriorated gasket. The Atlantic International Coupling, when properly maintained and used with properly maintained and non-deteriorated gasket, will provide a tight connection under reasonable and foreseeable conditions. Improper maintenance or use, or use with an improper or deteriorated gasket, can result in damage or injury. Contact the factory if you have any questions regarding the efficient and safe use of our couplings.

Freight Policy

Seller prepays shipments of $1000 to any one (1) continental U.S.A. location on shipments from warehouse.