

CAM & GROOVE COUPLINGS

Operation of Cam & Groove

To connect simply slide the adapter into the coupler and with normal hand pressure, press the cam arms down. To uncouple lift the cam arms and remove the adapter. **Cam and groove couplers are also available with auto-locking and self-locking handles.**

Part A - Adapter x Female NPT



Size	Aluminum Part #:	Brass Part #:	Cast Iron Part #:	Polypropylene Part #:	316SS Part #:
1/2"	7239-2002	7239-02	7239-4002	7239-3002	7239-1002
3/4"	7239-2031	7239-31	7239-4031	7239-3031	7239-1031
1"	7239-2033	7239-33	7239-4033	7239-3033	7239-1033
1-1/4"	7239-2016	7239-16	7239-4016	7239-3016	7239-1016
1-1/2"	7239-2019	7239-19	7239-4019	7239-3019	7239-1019
2"	7239-2034	7239-34	7239-4034	7239-3034	7239-1034
2-1/2"	7239-2038	7239-38	7239-4038	7239-3038	7239-1038
3"	7239-2044	7239-44	7239-4044	7239-3044	7239-1044
4"	7239-2029	7239-29	7239-4029	7239-3029	7239-1029
6"	7239-2092	7239-92	7239-4092	7239-3092	7239-1092

Part B - Coupler x Male NPT



Size	Aluminum Part #:	Brass Part #:	Cast Iron Part #:	Polypropylene Part #:	316SS Part #:
1/2"	7239-2006	7239-06	7239-4006	7239-3006	7239-1006
3/4"	7239-2005	7239-05	7239-4005	7239-3005	7239-1005
1"	7239-2010	7239-10	7239-4010	7239-3010	7239-1010
1-1/4"	7239-2013	7239-13	7239-4013	7239-3013	7239-1013
1-1/2"	7239-2020	7239-20	7239-4020	7239-3020	7239-1020
2"	7239-2035	7239-35	7239-4035	7239-3035	7239-1035
2-1/2"	7239-2039	7239-39	7239-4039	7239-3039	7239-1039
3"	7239-2045	7239-45	7239-4045	7239-3045	7239-1045
4"	7239-2030	7239-30	7239-4030	7239-3030	7239-1030
6"	7239-2095	7239-95	7239-4095	7239-3095	7239-1095

Part C - Coupler x Hose Shank



Size	Aluminum Part #:	Brass Part #:	Cast Iron Part #:	Polypropylene Part #:	316SS Part #:
1/2"	7239-2096	7239-96	7239-4096	7239-3096	7239-1096
3/4"	7239-2007	7239-07	7239-4007	7239-3007	7239-1007
1"	7239-2012	7239-12	7239-4012	7239-3012	7239-1012
1-1/4"	7239-2024	7239-24	7239-4024	7239-3024	7239-1024
1-1/2"	7239-2017	7239-17	7239-4017	7239-3017	7239-1017
2"	7239-2027	7239-27	7239-4027	7239-3027	7239-1027
2-1/2"	7239-2023	7239-23	7239-4023	7239-3023	7239-1023
3"	7239-2054	7239-54	7239-4054	7239-3054	7239-1054
4"	7239-2050	7239-50	7239-4050	7239-3050	7239-1050
6"	7239-2090	7239-90	7239-4090	7239-3090	7239-1090

CAM & GROOVE COUPLINGS

Part D - Coupler x Female NPT



Size	Aluminum Part #:	Brass Part #:	Cast Iron Part #:	Polypropylene Part #:	316SS Part #:
1/2"	7239-2003	7239-03	7239-4003	7239-3003	7239-1003
3/4"	7239-2008	7239-08	7239-4008	7239-3008	7239-1008
1"	7239-2009	7239-09	7239-4009	7239-3009	7239-1009
1-1/4"	7239-2014	7239-14	7239-4014	7239-3014	7239-1014
1-1/2"	7239-2022	7239-22	7239-4022	7239-3022	7239-1022
2"	7239-2036	7239-36	7239-4036	7239-3036	7239-1036
2-1/2"	7239-2041	7239-41	7239-4041	7239-3041	7239-1041
3"	7239-2046	7239-46	7239-4046	7239-3046	7239-1046
4"	7239-2048	7239-48	7239-4048	7239-3048	7239-1048
6"	7239-2099	7239-99	7239-4099	7239-3099	7239-1099

Part E - Adapter x Hose Shank



Size	Aluminum Part #:	Brass Part #:	Cast Iron Part #:	Polypropylene Part #:	316SS Part #:
1/2"	7239-2001	7239-01	7239-4001	7239-3001	7239-1001
3/4"	7239-2086	7239-86	7239-4086	7239-3086	7239-1086
1"	7239-2011	7239-11	7239-4011	7239-3011	7239-1011
1-1/4"	7239-2025	7239-25	7239-4025	7239-3025	7239-1025
1-1/2"	7239-2021	7239-21	7239-4021	7239-3021	7239-1021
2"	7239-2026	7239-26	7239-4026	7239-3026	7239-1026
2-1/2"	7239-2042	7239-42	7239-4042	7239-3042	7239-1042
3"	7239-2056	7239-56	7239-4056	7239-3056	7239-1056
4"	7239-2049	7239-49	7239-4049	7239-3049	7239-1049
6"	7239-2102	7239-102	7239-4102	7239-3102	7239-1102

Part F - Adapter x Male NPT



Size	Aluminum Part #:	Brass Part #:	Cast Iron Part #:	Polypropylene Part #:	316SS Part #:
1/2"	7239-2051	7239-51	7239-4051	7239-3051	7239-1051
3/4"	7239-2004	7239-04	7239-4004	7239-3004	7239-1004
1"	7239-2032	7239-32	7239-4032	7239-3032	7239-1032
1-1/4"	7239-2015	7239-15	7239-4015	7239-3015	7239-1015
1-1/2"	7239-2018	7239-18	7239-4018	7239-3018	7239-1018
2"	7239-2028	7239-28	7239-4028	7239-3028	7239-1028
2-1/2"	7239-2037	7239-37	7239-4037	7239-3037	7239-1037
3"	7239-2043	7239-43	7239-4043	7239-3043	7239-1043
4"	7239-2047	7239-47	7239-4047	7239-3047	7239-1047
6"	7239-2104	7239-104	7239-4104	7239-3104	7239-1104

Threaded Reducer/Incraser



Size & Thread	Aluminum Part #:	Brass Part #:
3" MNPT x 2" FNPT	3020AL	3020BR
4" MNPT x 3" FNPT	4030AL	4030BR
6" MNPT x 5" FNPT x 4" MNPT	6540AL	--

CAM & GROOVE COUPLINGS

Part DC - Dust Cap



Size	Aluminum Part #:	Brass Part #:	Cast Iron Part #:	Polypropylene Part #:	316SS Part #:
1/2"	DCA-050	DCB-050	DCI-050	--	DCS-050
3/4"	DCA-075	DCB-075	DCI-075	DCP-075	DCS-075
1"	DCA-100	DCB-100	DCI-100	DCP-100	DCS-100
1-1/4"	DCA-125	DCB-125	DCI-125	--	DCS-125
1-1/2"	DCA-150	DCB-150	DCI-150	DCP-150	DCS-150
2"	DCA-200	DCB-200	DCI-200	DCP-200	DCS-200
2-1/2"	DCA-250	DCB-250	DCI-250	--	DCS-250
3"	DCA-300	DCB-300	DCI-300	DCP-300	DCS-300
4"	DCA-400	DCB-400	DCI-400	DCP-400	DCS-400
6"	DCA-600	DCB-600	DCI-600	--	DCS-600

Part DP - Dust Plug



Size	Aluminum Part #:	Brass Part #:	Cast Iron Part #:	Polypropylene Part #:	316SS Part #:
1/2"	DPA-050	DPB-050	DPI-050	--	DPS-050
3/4"	DPA-075	DPB-075	DPI-075	DPP-075	DPS-075
1"	DPA-100	DPB-100	DPI-100	DPP-100	DPS-100
1-1/4"	DPA-125	DPB-125	DPI-125	--	DPS-125
1-1/2"	DPA-150	DPB-150	DPI-150	DPP-150	DPS-150
2"	DPA-200	DPB-200	DPI-200	DPP-200	DPS-200
2-1/2"	DPA-250	DPB-250	DPI-250	--	DPS-250
3"	DPA-300	DPB-300	DPI-300	DPP-300	DPS-300
4"	DPA-400	DPB-400	DPI-400	DPP-400	DPS-400
6"	DPA-600	DPB-600	DPI-600	--	DPS-600

Part CA - Coupler x Adapter



Size Coupler x Adapter	Aluminum Part #:	Brass Part #:	Cast Iron Part #:	316SS Part #:
1" C x 1-1/2" A	CAA-1015	CAB-1015	--	CAS-1015
1-1/2" C x 1" A	CAA-1510	CAB-1510	--	CAS-1510
1-1/2" C x 2" A	CAA-1520	CAB-1520	--	CAS-1520
1-1/2" C x 4" A	CAA-1540	CAB-1540	--	CAS-1540
2" C x 1-1/2" A	CAA-2015	CAB-2015	CAI-2015	CAS-2015
2" C x 3" A	CAA-2030	CAB-2030	CAI-2030	CAS-2030
2-1/2" C x 2" A	CAA-2520	CAB-2520	--	--
2-1/2" C x 4" A	CAA-2540	CAB-2540	--	--
3" C x 1-1/2" A	CAA-3015	CAB-3015	CAI-3015	--
3" C x 2" A	CAA-3020	CAB-3020	CAI-3020	CAS-3020
3" C x 4" A	CAA-3040	CAB-3040	CAI-3040	CAS-3040
4" C x 2" A	CAA-4020	CAB-4020	CAI-4020	CAS-4020
4" C x 2-1/2" A	CAA-4025	CAB-4025	CAI-4025	--
4" C x 3" A	CAA-4030	CAB-4030	CAI-4030	CAS-4030
4" C x 6" A	CAA-4060	--	CAI-4060	CAS-4060
6" C x 4" A	CAA-6040	CAB-6040	CAI-6040	CAS-6040

CAM & GROOVE COUPLINGS

Part SA - Spool Adapter



Size Adapter x Adapter	Aluminum Part #:	Brass Part #:	Cast Iron Part #:	316SS Part #:
1" x 1"	SAA-1010	SAB-1010	--	SAS-1010
1-1/2" x 1-1/2"	SAA-1515	SAB-1515	SAI-1515	SAS-1515
1-1/2" x 2"	SAA-1520	SAB-1520	SAI-1520	SAS-1520
1-1/2" x 4"	--	SAB-1540	--	--
2" x 2"	SAA-2020	SAB-2020	SAI-2020	SAS-2020
2" x 2-1/2"	SAA-2025	SAB-2025	--	SAS-2025
2" x 3"	SAA-2030	SAB-2030	SAI-2030	SAS-2030
2-1/2" x 2-1/2"	SAA-2525	SAB-2525	--	SAS-2525
2-1/2" x 3"	SAA-2530	SAB-2530	SAI-2530	--
3" x 3"	SAA-3030	SAB-3030	SAI-3030	SAS-3030
3" x 4"	SAA-3040	SAB-3040	SAI-3040	SAS-3040
4" x 2"	SAA-4020	SAB-4020	--	--
4" x 4"	SAA-4040	SAB-4040	SAI-4040	SAS-4040
6" x 4"	SAA-6040	SAB-6040	--	--
6" x 6"	SAA-6060	SAB-6060	--	SAS-6060

Part CC - Spool Coupler



Size Coupler x Coupler	Aluminum Part #:	Brass Part #:	316SS Part #:
1-1/2" C x 1-1/2" C	CCA-150	--	CCS-150
2" C x 2" C	CCA-200	CCB-2015	CCS-2015
2" C x 3" C	CCA-2030	--	CCS-2030
3" C x 3" C	CCA-300	CCB-300	CCS-300
3" C x 4" C	CCA-3040	--	CCS-3040
4" C x 4" C	CCA-400	CCB-400	CCS-400
4" C x 6" C	CCA-4060	--	--
6" C x 6" C	CCA-600	--	CAS-6040

Reducing Part A - Adapter x F NPT



Size Adapter x F NPT	Aluminum Part #:	Brass Part #:	Cast Iron Part #:	316SS Part #:
1-1/2" x 1"	--	--	--	AS-1510
1-1/2" x 2"	AA-1520	AB-1520	--	AS-1520
2" x 1-1/2"	AA-2015	AB-2015	--	AS-2015
2" x 2-1/2"	AA-2025	AB-2025	--	AS-2025
2" x 3"	AA-2030	AB-2030	AI-2030	AS-2030
2-1/2" x 3"	AA-2530	AB-2530	--	AS-2530
3" x 2"	AA-3020	AB-3020	AI-3020	AS-3020
3" x 4"	AA-3040	AB-3040	AI-3040	AS-3040
4" x 3"	AA-4030	AB-4030	AI-4030	AS-4030

Reducing Part B - Coupler x M NPT



Size Adapter x F NPT	Aluminum Part #:	Brass Part #:	316SS Part #:
1" x 2"	BA-1020	--	--
1-1/2" x 1"	BA-1510	--	BS-1510
2" x 1-1/2"	BA-2015	--	BS-2015
2" x 3"	BA-2030	--	--
2-1/2" x 3"	BA-2530	--	--
3" x 2"	BA-3020	BB-3020	BS-3020
3" x 4"	BA-3040	--	--
4" x 2"	BA-4020	--	--
4" x 3"	BA-4030	BB-4030	BS-4030

CAM & GROOVE COUPLINGS

Reducing Part C - Coupler x Shank



Size Coupler x Shank	Aluminum Part #:	Brass Part #:	Cast Iron Part #:	316SS Part #:
1-1/2" x 1"	--	CB-1510	--	--
1-1/2" x 2"	CA-1520	CB-1520	--	--
2" x 1-1/2"	CA-2015	CB-2015	--	CS-2015
2" x 3"	CA-2030	--	--	--
3" x 2"	CA-3020	CB-3020	CI-3020	CS-3020
3" x 4"	CA-3040	CB-3040	--	CS-3040
4" x 2"	CA-4020	--	CI-4020	--
4" x 3"	CA-4030	CB-4030	CI-4030	CS-4030

Reducing Part D - Coupler x F NPT



Size Coupler x F NPT	Aluminum Part #:	Brass Part #:	Cast Iron Part #:	316SS Part #:
1-1/2" x 1"	DA-1510	--	--	DS-1510
2" x 1-1/2"	DA-2015	DB-2015	--	DS-2015
2-1/2" x 2"	DA-2520	--	--	--
3" x 2"	DA-3020	DB-3020	DI-3020	DS-3020
3" x 2-1/2"	DA-3025	--	--	--
4" x 3"	DA-4030	DB-4030	--	DS-4030

Reducing Part E - Adapter x Shank



Size Adapter x F NPT	Aluminum Part #:	Brass Part #:	316SS Part #:
2" x 1-1/2"	EA-2015	--	ES-2015
2" x 2-1/2"	EA-2025	EB-2025	--
3" x 2"	EA-3020	--	ES-3020
3" x 2-1/2"	EA-3025	EB-3025	ES-3025
4" x 3"	EA-4030	EB-4030	ES-4030

Reducing Part F - Adapter x M NPT



Size Coupler x Shank	Aluminum Part #:	Brass Part #:	Cast Iron Part #:	316SS Part #:
1" x 2"	FA-1020	--	--	FS-1020
1-1/2" x 1"	FA-1510	FB-1510	--	--
1-1/2" x 2"	FA-1520	FB-1520	FI-1520	FS-1520
2" x 1-1/2"	FA-2015	FB-2015	FI-2015	FS-2015
2" x 3"	FA-2030	FB-2030	--	FS-2030
3" x 1-1/2"	FA-3015	FB-3015	--	FS-3015
3" x 2"	FA-3020	FB-3020	FI-3020	FS-3020
3" x 4"	FA-3040	FB-3040	--	FS-3040
4" x 2"	FA-4020	FB-4020	--	--
4" x 3"	FA-4030	FB-4030	FI-4030	FS-4030

CAM & GROOVE ACCESSORIES

No. HA - Cam & Groove Handle Assemblies



Size	Brass Part #:	316SS Part #:
1/2"	HA-B050	HA-S50
3/4"	HA-B075	HA-S75
1"	HA-B100	HA-S100
1-1/4" to 2-1/2"	HA-B125-250	HA-S125-250
3" - 5"	HA-B300-500	HA-S300-500
6"	HA-B600	HA-S600

No. CG - Cam & Groove Gaskets



Size	Buna N	Viton	X-Thick Buna-N	PTFE Buna Filler	PTFE Viton Filler	EPR	Neoprene	Food Grade White Neo
1/2"	BCG-050	VCG-050	--	TBCG-050	TVCG-050	ECG-050	--	--
3/4"	BCG-075	VCG-075	--	TBCG-075	TVCG-075	ECG-075	NCG-075	--
1"	BCG-100	VCG-100	XCG-100	TBCG-100	TVCG-100	ECG-100	NCG-100	--
1-1/4"	BCG-125	VCG-125	XCG-125	TBCG-125	TVCG-125	ECG-125	NCG-125	--
1-1/2"	BCG-150	VCG-150	XCG-150	TBCG-150	TVCG-150	ECG-150	NCG-150	WNCG-150
2"	BCG-200	VCG-200	XCG-200	TBCG-200	TVCG-200	ECG-200	NCG-200	WNCG-200
2-1/2"	BCG-250	VCG-250	XCG-250	TBCG-250	TVCG-250	ECG-250	NCG-250	--
3"	BCG-300	VCG-300	XCG-300	TBCG-300	TVCG-300	ECG-300	NCG-300	WNCG-300
4"	BCG-400	VCG-400	XCG-400	TBCG-400	TVCG-400	ECG-400	NCG-400	WNCG-400
6"	BCG-600	VCG-600	--	TBCG-600	--	--	--	WNCG-600

CAM & GROOVE ELBOW COUPLINGS

90° Adapter x F NPT



Size	Aluminum Part #:	316SS Part #:
1-1/2"	ALA-15	--
2"	ALA-20	ALS-20
3"	ALA-30	ALS-30
4"	ALA-40	--

90° Coupler x F NPT



Size	Aluminum Part #:	316SS Part #:
1"	--	DLS-10
1-1/2"	DLA-15	--
2"	DLA-20	DLS-20
3"	DLA-30	DLS-30
4"	DLA-40	DLS-40
6"	DLA-60	DLS-60

90° Adapter x Hose Shank



Size	Aluminum Part #:	316SS Part #:
2"	ELA-20	ELS-20
3"	ELA-30	ELS-30
4"	ELA-40	ELS-40
6"	ELA-60	--

90° Coupler x Hose Shank



Size	Aluminum Part #:	316SS Part #:
1-1/2"	CLA-15	CLS-15
2"	CLA-20	CLS-20
3"	CLA-30	CLS-30
4"	CLA-40	CLS-40
6"	CLA-60	CLS-60

90° Adapter x M NPT



Size	Aluminum Part #:	316SS Part #:
1-1/2"	FLA-15	--
2"	FLA-20	FLS-20
3"	--	FLS-30

90° Coupler x M NPT



Size	Aluminum Part #:	316SS Part #:
1-1/2"	BLA-15	--
2"	BLA-20	BLS-20
3"	BLA-30	BLS-30

90° Adapter x Coupler



Size	Aluminum Part #:	316SS Part #:
1"	--	CALS-10
1-1/2"	CALA-15	CALS-15
2"	CALA-20	CALS-20
3"	CALA-30	CALS-30
4"	CALA-40	CALS-40
6"	CALA-60	CALS-60

90° Coupler x Coupler



Size	Aluminum Part #:	316SS Part #:
2"	CCLA-20	--
3"	CCLA-30	CCLS-30
4"	CCLA-40	--
6"	CCLA-60	--

45° Adapter x Coupler



Size	Aluminum Part #:	316SS Part #:
2"	CA45A-20	CA45S-20
3"	CA45A-30	CA45S-30
4"	CA45A-40	CA45S-40
6"	CA45A-60	CA45S-60

45° Coupler x Coupler



Size	Aluminum Part #:	316SS Part #:
3"	CC45A-30	CC45S-30
4"	CC45A-40	--
6"	CC45A-60	--

FLANGED CAM & GROOVE COUPLINGS

TTMA (Round tank truck) flanges x Adapters & Couplers

Coupler x TTMA Flange



Size Coupler x TTMA	Aluminum Part #:
3"	TTFCA-30
3" x 4"	TTFCA-3040
4"	TTFCA-40
6"	TTFCA-60

Adapter x TTMA Flange



Size Adapter x TTMA	Aluminum Part #:	316SS Part #:
2" x 4"	TTFAA-2040	--
3"	TTFAA-30	TTFAS-30
3" x 4"	TTFAA-3040	--
4"	TTFAA-40	TTFAS-40
6"	TTFAA-60	--

150# ASA flanges x Adapters & Couplers

Coupler x 150# Flange



Size	Aluminum Part #:	316SS Part #:
1"	--	CPFS-10
1-1/2"	--	CPFS-15
2"	CPFA-20	CPFS-20
3"	CPFA-30	CPFS-30
4"	CPFA-40	CPFS-40
6"	CPFA-60	CPFS-60

Adapter x 150# Flange



Size	Aluminum Part #:	316SS Part #:
1"	--	APFS-10
1-1/2"	--	APFS-15
2"	APFA-20	APFS-20
3"	APFA-30	APFS-30
4"	APFA-40	APFS-40
6"	APFA-60	APFS-60

Cam & groove couplings with sight flow indicators

Designed for dry bulk transfer hose. Includes aluminum bodies, buna seals, acrylic sight glasses, stainless steel hardware and bronze cam arms.



Size Coupler x Adapter	Aluminum Part #:
3" x 3"	CASG-300
3" x 4"	CASG-3040
4" x 3"	CASG-4030
4" x 4"	CASG-4030

Size Adapter x Adapter	Aluminum Part #:
3" x 3"	SAASG-300
3" x 4"	SAASG-3040
4" x 4"	SAASG-400

Size Coupler x Coupler	Aluminum Part #:
3" x 3"	CCASG-300
3" x 4"	CCASG-3040
4" x 4"	CCASG-400

Tank truck flanged sight flow indicators

Designed to work with the tank truck flanged butterfly valve commonly found on gasoline trucks. Rated to 150 PSI.



Size	Aluminum Part #:
4"	TTF40WS