



# Camlock couplings



# CAM AND GROOVE BASICS

Cam and groove, camlock for short is a connecting system consisting of male socket with a circumferential groove where a couple of eccentric levers in the female socket align both sockets creating a tight seal.

As far as materials is concerned, there are available, Aluminium, Stainless steel, Brass and Polypropylene for different applications.

Most common applications are with water, acids, crude oil, and other petrochemical fluids although are not to be used with compressed fluids as steam, gas or air, and cover a wide range of sizes starting at 1/2" up to 6" as Standard and as far as threads use BSPP.

Squeezing clamps, sleeves and ferrules are available .

## aluminium



## brass



## stainless steel



## polypropylene



## TYPE A

Male camlock-Female BSPP

ALUMINIUM	BRASS	STAINLESS STEEL	POLYPROPYLENE	SIZE
A050-AL	A050-B	A050-SS	A050-P	1/2
A075-AL	A075-B	A075-SS	A075-P	3/4
A100-AL	A100-B	A100-SS	A100-P	1
A125-AL	A125-B	A125-SS	A125-P	1 1/4
A150-AL	A150-B	A150-SS	A150-P	1 1/2
A200-AL	A200-B	A200-SS	A200-P	2
A250-AL	A250-B	A250-SS	A250-P	2 1/2
A300-AL	A300-B	A300-SS	A300-P	3
A400-AL	A400-B	A400-SS	A400-P	4
A500-AL	A500-B	A500-SS	A500-P	5
A600-AL	A600-B	A600-SS	A600-P	6



## TYPE B

Female camlock-Male BSPP

ALUMINIUM	BRASS	STAINLESS STEEL	POLYPROPYLENE	SIZE
B050-AL	B050-B	B050-SS	B050-P	1/2
B075-AL	B075-B	B075-SS	B075-P	3/4
B100-AL	B100-B	B100-SS	B100-P	1
B125-AL	B125-B	B125-SS	B125-P	1 1/4
B150-AL	B150-B	B150-SS	B150-P	1 1/2
B200-AL	B200-B	B200-SS	B200-P	2
B250-AL	B250-B	B250-SS	B250-P	2 1/2
B300-AL	B300-B	B300-SS	B300-P	3
B400-AL	B400-B	B400-SS	B400-P	4
B500-AL	B500-B	B500-SS	B500-P	5
B600-AL	B600-B	B600-SS	B600-P	6



## TYPE C

Female camlock BSPP-Male hose barb

ALUMINIUM	BRASS	STAINLESS STEEL	POLYPROPYLENE	SIZE
C050-AL	C050-B	C050-SS	C050-P	1/2
C075-AL	C075-B	C075-SS	C075-P	3/4
C100-AL	C100-B	C100-SS	C100-P	1
C125-AL	C125-B	C125-SS	C125-P	1 1/4
C150-AL	C150-B	C150-SS	C150-P	1 1/2
C200-AL	C200-B	C200-SS	C200-P	2
C250-AL	C250-B	C250-SS	C250-P	2 1/2
C300-AL	C300-B	C300-SS	C300-P	3
C400-AL	C400-B	C400-SS	C400-P	4
C500-AL	C500-B	C500-SS	C500-P	5
C600-AL	C600-B	C600-SS	C600-P	6



## TYPE D

Female camlock-Female BSPP

ALUMINIUM	BRASS	STAINLESS STEEL	POLYPROPYLENE	SIZE
D050-AL	D050-B	D050-SS	D050-P	1/2
D075-AL	D075-B	D075-SS	D075-P	3/4
D100-AL	D100-B	D100-SS	D100-P	1
D125-AL	D125-B	D125-SS	D125-P	1 1/4
D150-AL	D150-B	D150-SS	D150-P	1 1/2
D200-AL	D200-B	D200-SS	D200-P	2
D250-AL	D250-B	D250-SS	D250-P	2 1/2
D300-AL	D300-B	D300-SS	D300-P	3
D400-AL	D400-B	D400-SS	D400-P	4
D500-AL	D500-B	D500-SS	D500-P	5
D600-AL	D600-B	D600-SS	D600-P	6



## TYPE E

Male camlock-Male hose barb

ALUMINIUM	BRASS	STAINLESS STEEL	POLYPROPYLENE	SIZE
E050-AL	E050-B	E050-SS	E050-P	1/2
E075-AL	E075-B	E075-SS	E075-P	3/4
E100-AL	E100-B	E100-SS	E100-P	1
E125-AL	E125-B	E125-SS	E125-P	1 1/4
E150-AL	E150-B	E150-SS	E150-P	1 1/2
E200-AL	E200-B	E200-SS	E200-P	2
E250-AL	E250-B	E250-SS	E250-P	2 1/2
E300-AL	E300-B	E300-SS	E300-P	3
E400-AL	E400-B	E400-SS	E400-P	4
E500-AL	E500-B	E500-SS	E500-P	5
E600-AL	E600-B	E600-SS	E600-P	6



## TYPE F

Male camlock-Male BSPP

ALUMINIUM	BRASS	STAINLESS STEEL	POLYPROPYLENE	SIZE
F050-AL	F050-B	F050-SS	F050-P	1/2
F075-AL	F075-B	F075-SS	F075-P	3/4
F100-AL	F100-B	F100-SS	F100-P	1
F125-AL	F125-B	F125-SS	F125-P	1 1/4
F150-AL	F150-B	F150-SS	F150-P	1 1/2
F200-AL	F200-B	F200-SS	F200-P	2
F250-AL	F250-B	F250-SS	F250-P	2 1/2
F300-AL	F300-B	F300-SS	F300-P	3
F400-AL	F400-B	F400-SS	F400-P	4
F500-AL	F500-B	F500-SS	F500-P	5
F600-AL	F600-B	F600-SS	F600-P	6



## TYPE DC

Dust cap. Female camlock BSPP

ALUMINIUM	BRASS	STAINLESS STEEL	POLYPROPYLENE	SIZE
DC050-AL	DC050-B	DC050-SS	DC050-P	1/2
DC075-AL	DC075-B	DC075-SS	DC075-P	3/4
DC100-AL	DC100-B	DC100-SS	DC100-P	1
DC125-AL	DC125-B	DC125-SS	DC125-P	1 1/4
DC150-AL	DC150-B	DC150-SS	DC150-P	1 1/2
DC200-AL	DC200-B	DC200-SS	DC200-P	2
DC250-AL	DC250-B	DC250-SS	DC250-P	2 1/2
DC300-AL	DC300-B	DC300-SS	DC300-P	3
DC400-AL	DC400-B	DC400-SS	DC400-P	4
DC500-AL	DC500-B	DC500-SS	DC500-P	5
DC600-AL	DC600-B	DC600-SS	DC600-P	6



## TYPE DP

Dust plug. Male camlock Female BSPP

ALUMINIUM	BRASS	STAINLESS STEEL	POLYPROPYLENE	SIZE
DP050-AL	DP050-B	DP050-SS	DP050-P	1/2
DP075-AL	DP075-B	DP075-SS	DP075-P	3/4
DP100-AL	DP100-B	DP100-SS	DP100-P	1
DP125-AL	DP125-B	DP125-SS	DP125-P	1 1/4
DP150-AL	DP150-B	DP150-SS	DP150-P	1 1/2
DP200-AL	DP200-B	DP200-SS	DP200-P	2
DP250-AL	DP250-B	DP250-SS	DP250-P	2 1/2
DP300-AL	DP300-B	DP300-SS	DP300-P	3
DP400-AL	DP400-B	DP400-SS	DP400-P	4
DP500-AL	DP500-B	DP500-SS	DP500-P	5
DP600-AL	DP600-B	DP600-SS	DP600-P	6



Aside from basic camlock fittings we provide an ample choice of special fittings and components to cover most of the common applications of the market:

- Chicago coupling
- Storz coupling
- Flanged camlocks
- Camlock seals & gaskets
- Guillemin couplings
- Double bolt hose clamp
- Hose clamps
- KC nipple
- Pin lug coupling
- Strainers
- Fire hose fitting
- Flanges
- Bauer couplings
- Special couplings
- IBC buttress adaptors
- API adaptors



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