

# Quick-Release Cam-Locking Couplings

## Snaplock®

## Saflok®



## *Straight-through Couplings*

- *Leak-free connections sizes 1/2" to 6" dependent on material*
- *Available in 316 stainless steel, brass, aluminium & polypropylene*
- *Various seal options*



FS 28046



# PART A, B, C, & D



Nominal Size		ALUMINIUM	BRASS	STAINLESS STEEL 316	POLYPROPYLENE
ins	mm	Code	Code	Code	Code
<b>Part A Adaptor with female thread BSP. For NPT, add -NPT to code below</b>					
1/2	13	A050-A	A050-B	A050-SS	A050-P
3/4	19	A075-A	A075-B	A075-SS	A075-P
1	25	A100-A	A100-B	A100-SS	A100-P
1 1/4	32	A125-A	A125-B	A125-SS	A125-P
1 1/2	40	A150-A	A150-B	A150-SS	A150-P
2	50	A200-A	A200-B	A200-SS	A200-P
2 1/2	65	A250-A	A250-B	A250-SS	
3	75	A300-A	A300-B	A300-SS	A300-P
4	100	A400-A	A400-B	A400-SS	A400-P
5	125	A500-A	A500-B	A500-SS	
6	150	A600-A	A600-B	A600-SS	
<b>Part B Coupler with male thread BSP. For NPT, add -NPT to code below</b>					
1/2	13	B050-A	B050-B	B050-SS	B050-P
3/4	19	B075-A	B075-B	B075-SS	B075-P
1	25	B100-A	B100-B	B100-SS	B100-P
1 1/4	32	B125-A	B125-B	B125-SS	B125-P
1 1/2	40	B150-A	B150-B	B150-SS	B150-P
2	50	B200-A	B200-B	B200-SS	B200-P
2 1/2	65	B250-A	B250-B	B250-SS	
3	75	B300-A	B300-B	B300-SS	B300-P
4	100	B400-A	B400-B	B400-SS	B400-P
5	125	B500-A	B500-B	B500-SS	
6	150	B600-A	B600-B	B600-SS	
<b>Part C Adaptor with hose tail</b>					
1/2	13	C050-A	C050-B	C050-SS	C050-P
3/4	19	C075-A	C075-B	C075-SS	C075-P
1	25	C100-A	C100-B	C100-SS	C100-P
1 1/4	32	C125-A	C125-B	C125-SS	C125-P
1 1/2	40	C150-A	C150-B	C150-SS	C150-P
2	50	C200-A	C200-B	C200-SS	C200-P
2 1/2	65	C250-A	C250-B	C250-SS	
3	75	C300-A	C300-B	C300-SS	C300-P
4	100	C400-A	C400-B	C400-SS	C400-P
5	125	C500-A	C500-B	C500-SS	
6	150	C600-A	C600-B	C600-SS	
<b>Part D Coupler with female thread BSP. For NPT, add NPT to code below</b>					
1/2	13	D050-A	D050-B	D050-SS	D050-P
3/4	19	D075-A	D075-B	D075-SS	D075-P
1	25	D100-A	D100-B	D100-SS	D100-P
1 1/4	32	D125-A	D125-B	D125-SS	D125-P
1 1/2	40	D150-A	D150-B	D150-SS	D150-P
2	50	D200-A	D200-B	D200-SS	D200-P
2 1/2	65	D250-A	D250-B	D250-SS	
3	75	D300-A	D300-B	D300-SS	D300-P
4	100	D400-A	D400-B	D400-SS	D400-P
5	125	D500-A	D500-B	D500-SS	
6	150	D600-A	D600-B	D600-SS	

Part A Cam Adaptor with female BSP or NPT thread



Part B Cam Coupler with male BSP or NPT thread



Part C Cam Coupler with hose tail



Part D Cam Coupler with female BSP or NPT thread



To connect a Snaplock cam-locking coupling, simply extend the arms, push the coupler on to the adaptor, and then pull both handles down into the locked position adjacent to the coupler body.

To disconnect, pull both arms out to the extended position and pull the coupler from the adaptor.



# PART E, F, DC, & DP



Nominal Size		ALUMINIUM	BRASS	STAINLESS STEEL 316	POLYPROPYLENE
ins	mm	Code	Code	Code	Code
<b>Part E Adaptor with Hose Tail</b>					
1/2	13	E050-A	E050-B	E050-SS	E050-P
3/4	19	E075-A	E075-B	E075-SS	E075-P
1	25	E100-A	E100-B	E100-SS	E100-P
1 1/4	32	E125-A	E125-B	E125-SS	E125-P
1 1/2	40	E150-A	E150-B	E150-SS	E150-P
2	50	E200-A	E200-B	E200-SS	E200-P
2 1/2	65	E250-A	E250-B	E250-SS	
3	75	E300-A	E300-B	E300-SS	E300-P
4	100	E400-A	E400-B	E400-SS	E400-P
5	125	E500-A	E500-B	E500-SS	
6	150	E600-A	E600-B	E600-SS	
<b>Part F Adaptor with Male Thread BSP. For NPT, add -NPT to code below</b>					
1/2	13	F050-A	F050-B	F050-SS	F050-P
3/4	19	F075-A	F075-B	F075-SS	F075-P
1	25	F100-A	F100-B	F100-SS	F100-P
1 1/4	32	F125-A	F125-B	F125-SS	F125-P
1 1/2	40	F150-A	F150-B	F150-SS	F150-P
2	50	F200-A	F200-B	F200-SS	F200-P
2 1/2	65	F250-A	F250-B	F250-SS	
3	75	F300-A	F300-B	F300-SS	F300-P
4	100	F400-A	F400-B	F400-SS	F400-P
5	125	F500-A	F500-B	F500-SS	
6	150	F600-A	F600-B	F600-SS	
<b>Part DC Dust Cap</b>					
1/2	13	DC050-A	DC050-B	DC050-SS	
3/4	19	DC075-A	DC075-B	DC075-SS	DC075-P
1	25	DC100-A	DC100-B	DC100-SS	DC100-P
1 1/4	32	DC125-A	DC125-B	DC125-SS	
1 1/2	40	DC150-A	DC150-B	DC150-SS	DC150-P
2	50	DC200-A	DC200-B	DC200-SS	DC200-P
2 1/2	65	DC250-A	DC250-B	DC250-SS	
3	75	DC300-A	DC300-B	DC300-SS	DC300-P
4	100	DC400-A	DC400-B	DC400-SS	DC400-P
5	125	DC500-A	DC500-B	DC500-SS	
6	150	DC600-A	DC600-B	DC600-SS	
<b>Part DP Dust Plug</b>					
1/2	13	DP050-A	DP050-B	DP050-SS	
3/4	19	DP075-A	DP075-B	DP075-SS	DP075-P
1	25	DP100-A	DP100-B	DP100-SS	DP100-P
1 1/4	32	DP125-A	DP125-B	DP125-SS	
1 1/2	40	DP150-A	DP150-B	DP150-SS	DP150-P
2	50	DP200-A	DP200-B	DP200-SS	DP200-P
2 1/2	65	DP250-A	DP250-B	DP250-SS	
3	75	DP300-A	DP300-B	DP300-SS	DP300-P
4	100	DP400-A	DP400-B	DP400-SS	DP400-P
5	125	DP500-A	DP500-B	DP500-SS	
6	150	DP600-A	DP600-B	DP600-SS	

Part E Cam Adaptor with double ribbed hose tail



Part F Cam Adaptor with Male BSP or NPT thread



Part DC Dust Cap for Adaptors



Part DP Dust Plug for Couplers



To connect a Snaplock cam-locking coupling, simply extend the arms, push the coupler on to the adaptor, and then pull both handles down into the locked position adjacent to the coupler body.

To disconnect, pull both arms out to the extended position and pull the coupler from the adaptor.



## Saflok Self-locking Quick Coupler

Nominal Size		STAINLESS STEEL CODE			
ins	mm				
		PART B Coupler with Male Thread BSP	Part C Coupler with Hose Tail	Part D Coupler with Female Thread BSP.	Part DC Dust Cap
1/2	13	BL050-SS	CL050-SS	DL050-SS	DCL050-SS
3/4	19	BL075-SS	CL075-SS	DL075-SS	DCL075-SS
1	25	BL100-SS	CL100-SS	DL100-SS	DCL100-SS
1 1/4	32	BL125-SS	CL125-SS	DL125-SS	DCL125-SS
1 1/2	40	BL150-SS	CL150-SS	DL150-SS	DCL150-SS
2	50	BL200-SS	CL200-SS	DL200-SS	DCL200-SS
2 1/2	65	BL250-SS	CL250-SS	DL250-SS	DCL250-SS
3	75	BL300-SS	CL300-SS	DL300-SS	DCL300-SS
4	100	BL400-SS	CL400-SS	DL400-SS	DCL400-SS

This version of cam-locking coupler features locking cam arms to reduce the risk of accidental disconnection and loss of liquid. To disconnect the coupling, pull the finger rings down then pull both arms out to the extended position and pull the coupler from the adaptor.

### Snaplock Technical Information

#### Working Pressure Guidelines Only PSI (bar)

Size	Inch	1/2	3/4 - 2	2 1/2	3	4	6
	mm	13	19 - 50	65	75	100	125 - 160
Aluminium		125 (9 bar)	150 (10 bar)	150 (10 bar)	150 (10 bar)	150 (10 bar)	75 (5 bar)
Brass		125 (9 bar)	150 (10 bar)	150 (10 bar)	150 (10 bar)	150 (10 bar)	75 (5 bar)
Stainless Steel 316		150 (10 bar)	150 (10 bar)	150 (10 bar)	150 (10 bar)	150 (10 bar)	125 (9 bar)
Polypropylene		75 (5 bar)	100 (7 bar)	N/A	50 (4 bar)	50 (4 bar)	N/A

Snaplock couplings are designed for use in low pressure liquid applications. They are not recommend for compressed air or gases. Working pressures shown are given for ambient temperatures only using elastomeric seals. Higher or lower temperatures and/or use of PTFE seals will reduce the pressure rating of the coupling. For specific applications consult Guyson Technical Department.

### Seals

Standard gaskets in metallic couplings are Buna and ribbed EPDM in polypropylene couplings. Various seal options are available including Viton, EPDM, food grade Neoprene and PTFE encapsulated silicone.

Various seal options are available including Viton, EPDM, food grade Neoprene and PTFE encapsulated silicone.

### Specification

Snaplock and Saflok couplers are fully interchangeable with the specification A-A-59326D (formerly MIL-C-27487). All stainless steel parts are heat marked for full traceability. Certification is available if requested at time of order, however contracts requiring 3.1 certification will be subject to special quotation.

### End Connections

Female BSPP threads are parallel to BS2779 and male BSP taper threads are to BS21. NPT threads are also available. In cases where the mating connection is a male parallel BSP thread, most sizes of stainless steel female BSPP threaded couplings can be supplied with an undercut and seal to suit. Coupling part B and F can be supplied without threads for applications where welding is required. Flanged versions are also available.

Guyson International Limited, Hose & Couplings Division  
Southview Business Park, Guiseley, Leeds LS20 9PR

Tel: +44 (0)1943 870044

Email: leeds@guyson.co.uk | www.guyson.co.uk

NOTE: all technical information correct at time of print and may be subject to change without notice.  
For specific applications, please contact Guyson Technical Department.

