

Couplers

QUICK COUPLER FOR GARDEN HOSE

Featuring: Heavy duty quick coupler with exclusive Viton o-ring seal

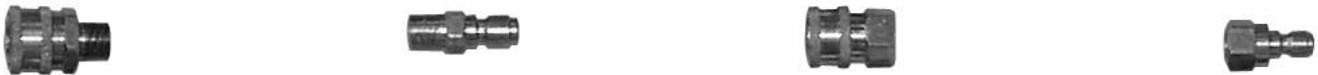
PN	Pressure rating	Description	Port size	Material	Weight (lbs.)
QC-GHFS-B	200	FGHT socket	3/4 GHT F	Brass	.2
QC-GHMP-B	200	MGHT plug	3/4 GHT M	Brass	.2



QUICK COUPLERS WITHOUT CHECK VALVE

Featuring: Viton seal, heavy duty 6 ball construction, high tolerance and manufactured for heavy duty use

PN	Pressure rating	Description	Port size	Material	Weight (lbs.)
QC-1/4FS-B	2000	1/4 socket	1/4F	Brass	.3
QC-1/4MS-B	2000	1/4 socket	1/4M	Brass	.3
QC-1/4FP-B	2000	1/4 plug	1/4F	Brass	.2
QC-1/4MP-B	2000	1/4 plug	1/4M	Brass	.2
QC-3/8FS-B	2000	3/8 socket	3/8F	Brass	.3
QC-3/8MS-B	2000	3/8 socket	3/8M	Brass	.3
QC-3/8FP-B	2000	3/8 plug	3/8F	Brass	.2
QC-3/8MP-B	2000	3/8 plug	3/8M	Brass	.2
QC-1/2FS-B	1000	1/2 socket	1/2F	Brass	.5
QC-1/2MS-B	1000	1/2 socket	1/2M	Brass	.5
QC-1/2FP-B	1000	1/2 plug	1/2F	Brass	.3
QC-1/2MP-B	1000	1/2 plug	1/2M	Brass	.3



QUICK COUPLERS WITH CHECK VALVE

Featuring: Viton seal with Teflon anti extrusion support ring for heavy duty long service life, shut-off flow when disconnected

PN	Pressure rating	Description	Port size	Material	Weight (lbs.)
QCCV-1/4FS-B	1000	1/4 socket with check valve	1/4F	Brass	.4
QCCV-1/4FP-B	1000	1/4 plug with check valve	1/4F	Brass	.2





Quick Detachable Couplers

CALL FOR PRICE QUOTE.



INDUSTRIAL INTERCHANGE

	PLUGS			SOCKETS	
					
FEMALE THREAD	STEEL CAT. NO.	BRASS CAT. NO.	S/S CAT. NO. •	BRASS CAT. NO.	S/S CAT. NO. •
1/8 FPT		12FPB	12FPS	12FS	12FSS
1/4 FPT	25FP	25FPB	25FPS	25FS	25FSS
3/8 FPT	38FP	38FPB	38FPS	38FS	38FSS
1/2 FPT	50FP	50FPB	50FPS	50FS	50FSS
3/4 FPT	75FP	75FPB	75FPS	75FS	75FSS
1 FPT	100FP	100FPB	100FPS	100FS	100FSS
1-1/4 FPT	125FP	125FPB		125FS	
1-1/2 FPT	150FP	150FPB		150FS	
MALE THREAD					
1/8 MPT	12MP	12MPB	12MPS	12MS	
1/4 MPT	25MP	25MPB	25MPS	25MS	
3/8 MPT	38MP	38MPB	38MPS	38MS	
1/2 MPT	50MP	50MPB	50MPS	50MS	
3/4 MPT	75MP	75MPB	75MPS	75MS	
1 MPT	100MP	100MPB	100MPS	100MS	
1-1/4 MPT	125MP	125MPB			
1-1/2 MPT	150MP	150MPB			

Only Sockets & Plugs with same prefix digits connect together. Example: 25FS & 25MPB

● 303 Stainless Steel

WORKING PRESSURE 300 PSIG; Vacuum to 26"Hg (connected)

PERFORMANCE DATA FLOW

	AIR FLOW – CFM				WATER FLOW	
	100 PSIG		80 PSIG		GPM – 60 PSIG	
	PRESSURE DROP					
	10 PSIG	5 PSIG	10 PSIG	5 PSIG	10 PSIG	5 PSIG
2 Series	16	12	14	11	1.8	1.2
3 Series	36	26	33	24	3.7	2.5
4 Series	68	50	62	45	6.8	5
5 Series	118	90	107	82	11	8
6 Series	190	135	172	122	22	16

FEATURES **MANUAL** – Lowest cost, general purpose coupler • Positive locking mechanism • 65% more ball retention • Precision leakproof seal • Heavy steel sleeve.

AUTOMATIC – Long wearing pin type locking mechanism with greater plug contact • One piece sleeve with rear crimp • Precision leakproof seal • One hand operation.

SAFETY – 100% safety • Connect and disconnect at “O” pressure • Plug is securely locked before air is turned on • Downstream line is exhausted before plug is released, completely eliminating hose whip • Tested to 100,000 operations with no leakage • Special lubrication eliminates dry breakaway • Can be used as 3-Way on-off valve without disconnecting.

OPTIONS

BL – Locks manual socket against accidental disconnect. To connect, align ball with slot. After connection, rotate sleeve to lock. To disconnect, realign ball with slot and retract sleeve. **TO ORDER, PREFIX BL TO SOCKET NUMBER.**

SL – Locks automatic socket against accidental disconnect. To connect, align ball with slot. After connection, rotate sleeve to lock. To disconnect, realign ball with slot and retract sleeve. Available FM 3,4,5 and 6 Series. **TO ORDER, CHANGE FM PREFIX TO SL.**

BALL CHECK PLUG – Eliminates hose whip at disconnect by checking the rapid flow of downstream exhaust air.

SWIVEL PLUGS – Free swivel under pressure. Eliminates hose twist on end drop applications such as blow guns, air tools, etc.



Quick Detachable Couplers

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INDUSTRIAL INTERCHANGE

See Specifications & Performance Data on Page 8.



PLUGS



SOCKETS

MANUAL

AUTOMATIC
COMPLIES WITH A-A-59439

SAFETY

FEMALE THREAD	CAT. NO.	
1/4 FPT	53-5	
3/8 FPT	55-5	
1/2 FPT	57-5	
3/4 FPT		
MALE THREAD		
1/4 MPT	50-5	
3/8 MPT	52-5	
1/2 MPT	54-5 ★ ■	
3/4 MPT	56-5	
HOSE STEM (Require Hose Clamps)		
1/4 I.D.	59-5	
3/8 I.D.	60-5 ■	
1/2 I.D.	61-5	
3/4 I.D.		

CAT. NO.		CAT. NO.		CAT. NO.	
4015		FM4015		SV5005	
5005		FM5005		SV5205 ★	
5205		FM5205		SV5405	
5405		FM5405			
4905		FM4905		SV5105	
5105		FM5105		SV5305 ★	
5305		FM5305		SV5505 ★	
5505		FM5505			
5605		FM5605		SV5705	
5705		FM5705		SV5805	
5805		FM5805		SV5905	
5905		FM5905			

BALL CHECK

1/2 MPT	54-5G ■
1/2 I.D. Hose	60-5G

SWIVEL (Free Swivel Under Pressure)

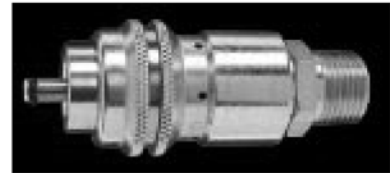
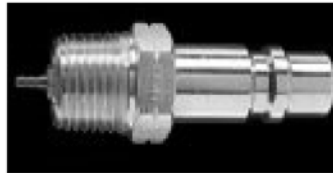
1/2 MPT	54S-5	
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★ Available In Co-Axial, Suffix CA to Cat. No.

■ Available In Brass – Suffix B

All couplers consist of two basic components - a socket and a plug.

CO-AXIAL COUPLERS



Safety sockets and plugs marked ★ above are available with co-axial tube for use on single point injection lubrication systems. Suffix CA to catalog No.

All couplers consist of two basic components

- a socket and a plug.

One Way Shut-Off



In a "One Way Shut-Off," only the socket has valving to shut off the flow when disconnected; it is, therefore, installed on the pressure side of the line. The plug has no valving and exhausts the downstream line at disconnect.

Manual



Manual sockets require manual retraction of the sleeve to both connect and disconnect the plug. The "BL Series" (ball lock) is an optional feature available on manual sockets. After connection, the sleeve is rotated locking the coupler against accidental disconnect.