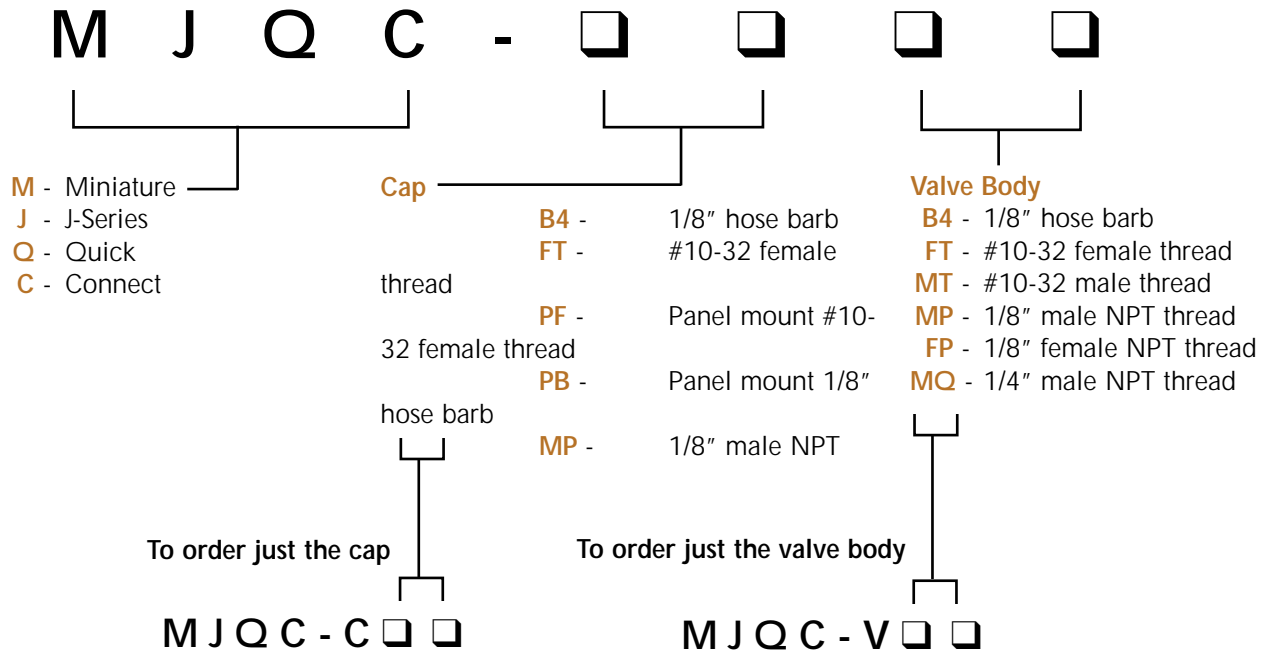


MINIMATIC® J-SERIES QUICK CONNECT



The Minimatic J-Series quick connect consists of two component parts that are joined to form the complete connector. The valve body contains a 2-way spring-loaded poppet valve that is generally connected to the main air supply. When the poppet is not depressed, the air supply is shut-off by this valve. The Cap contains a valve depressor that when assembled to the valve body, depresses the poppet allowing air to flow from the main supply to circuitry or equipment downstream. Valve body & cap assemblies contain both components.



STANDARD CATALOG PARTS		
Assembly	Cap Only	Valve Body Only
MJQC-B4B4	MJQC-CB4	MJQC-VB4
MJQC-B4MP	MJQC-CFT	MJQC-VFT
MJQC-MPB4	MJQC-CMP	MJQC-VFP
MJQC-PBB4	MJQC-CPB	MJQC-VMP
MJQC-PFB4	MJQC-CMQ	MJQC-VMQ



MINIMATIC® J-SERIES QUICK CONNECT

VALVE BODY & CAP ASSEMBLIES

*1/8 Barb - fits 1/8" I.D. hose. Ideal for use with Clippard 3814-6 polyurethane hose.

FEATURES

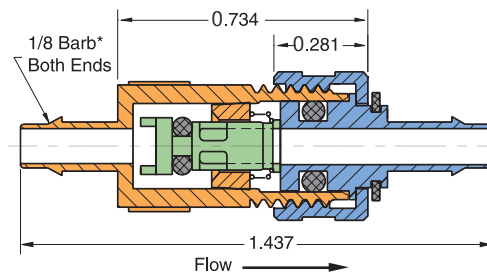
- High flow of 14 scfm @ 100 psig
- Space saving attractive miniature design
- Wide variety of connectors
- Adds convenience to equipment and circuits
- Brass body, electroless nickel plated
- Non-corrosive - Delrin® poppet
- Fills the gap between clumsy, large quick connects and smaller quick connects with less flow
- Buna-N seals, positive shut off
- Positive threaded connection, stays connected
- Medium: air, oil, and water
- Working Pressure: 0-150 psig max.



Minimatic® J-Series quick connect fittings are very compact yet provide a high flow of 14 scfm @ 100 psig. The electroless nickel plated brass body is available with #10-32 threads (M or F), 1/8" NPT threads (M or F), 1/4" NPT threads (M) or a 1/8" hose single barb configuration that is ideal for use with Clippard 3814-6 polyurethane hose.

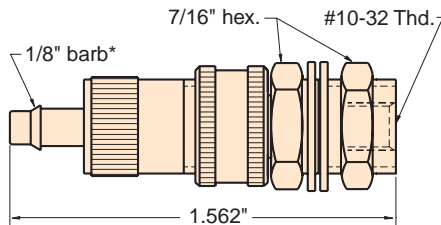
MJQC-B4B4

Combination of MJQC-VB4 & MJQC-CB4



MJQC-PFB4

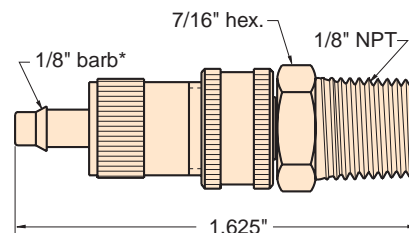
Combination of MJQC-VB4 & MJQC-CPF



(Supplied with mounting nut and two washers)

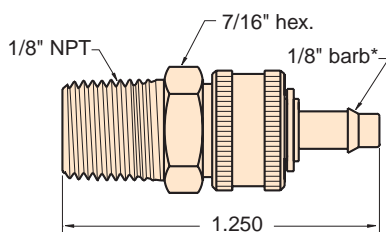
MJQC-MPB4

Combination of MJQC-VB4 & MJQC-CMP



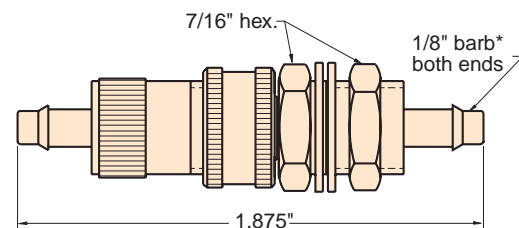
MJQC-B4MP

Combination of MJQC-VMP & MJQC-CB4



MJQC-PBB4

Combination of MJQC-VB4 & MJQC-CPB



(Supplied with mounting nut and two washers)

MINIMATIC® J-SERIES QUICK CONNECT FITTINGS



CAPS

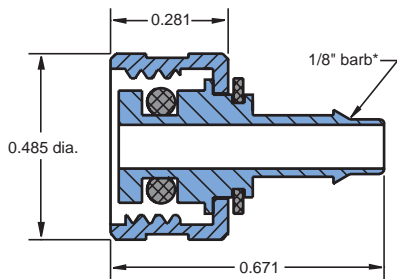
Caps with open flow path



Minimatic J-Series quick connect fittings are ideal for use in jigs, fixtures, feeding devices, logic control circuitry and automatic or semi-automatic machinery. Assembly is simple, and the tightening of the knurled cap assures a positive, leakproof, high pressure connection that will stay connected.

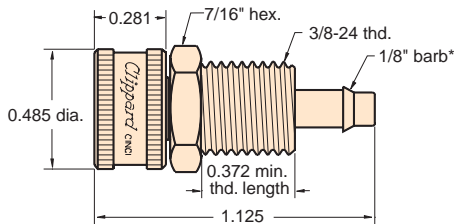
*1/8 barb - fits 1/8" I.D. hose. Ideal for use with Clippard 3814-6 polyurethane hose.

MJQC-CB4

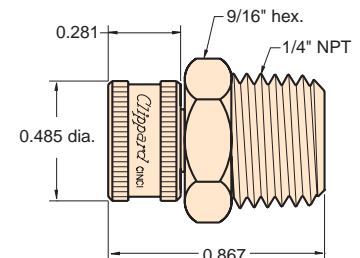


MJQC-CPB

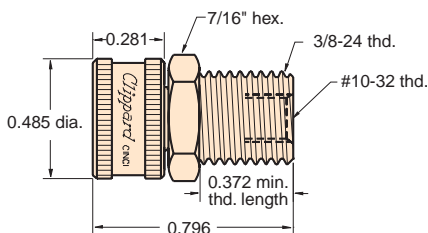
Supplied with mounting nut and two washers



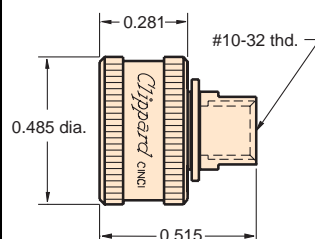
MJQC-CMQ



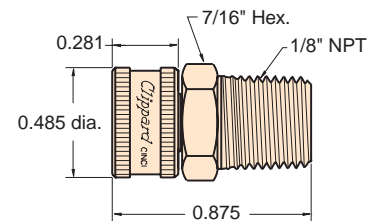
MJQC-CPF



MJQC-CFT



MJQC-CMP



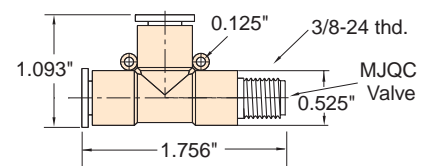
Push-Quick Fittings with MJQC Quick-Connect Port



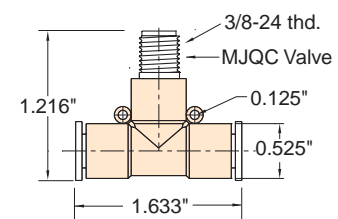
These 1/4" fittings combine the quick, easy Push-Quick functionality with the flexibility and security of the Quick-Connect series with no circuit interruption. MJQC Quick-Connect Caps (ordered separately above) attach to the threaded port allowing for a variety of uses.

Part No.	Description
PQ-RT08QC	...Run T with 3/8-24 Thread
PQ-BT08QC	...Branch T with 3/8-24 Thread

- Serves as an easy connection point for temporary functions/circuitry
- Quickly test for air flow
- Easy connection to valves, cylinders, hose, etc.
- Check air pressure via a gauge
- Use as a dump valve/vent



PQ-RT08QC



PQ-BT08QC



MINIMATIC® J-SERIES QUICK CONNECT

VALVE BODIES

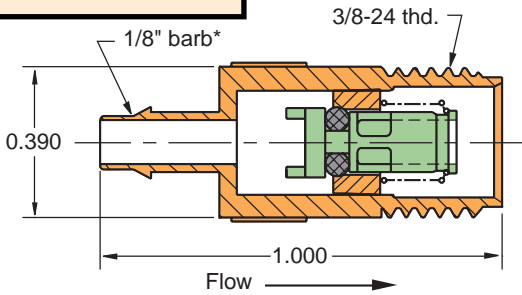
Valve bodies with shut-off valve

Minimatic J-Series quick connect fittings are very compact yet provide a high flow of 14 scfm @ 100 psig. The electroless nickel plated brass body is available with #10-32 threads (M or F), 1/8" NPT threads (M or F), 1/4" NPT threads (M) or a 1/8 hose single barb configuration that is ideal for use with Clippard 3814-6 polyurethane hose.

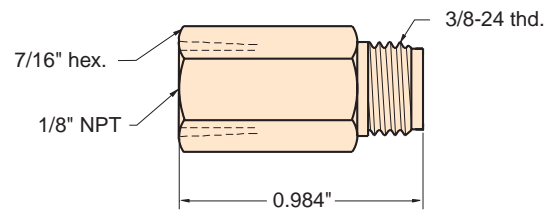


*1/8 Barb - fits 1/8" I.D. hose. Ideal for use with Clippard 3814-6 polyurethane hose.

MJQC-VB4

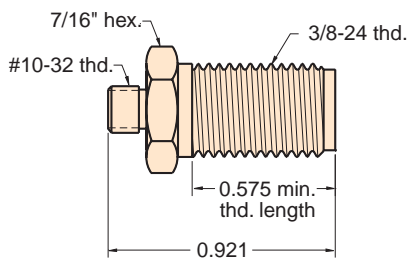


MJQC-VFP

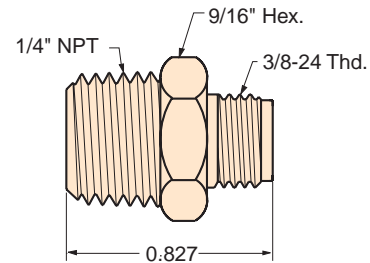


MJQC-VMT

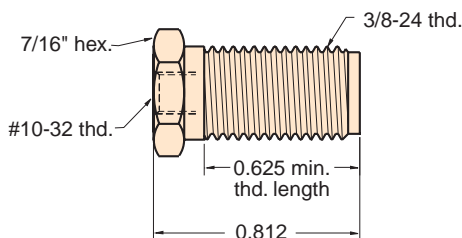
Supplied with mounting nut and two washers



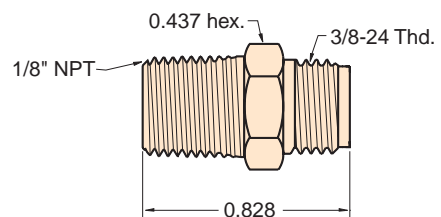
MJQC-VMQ



MJQC-VFT



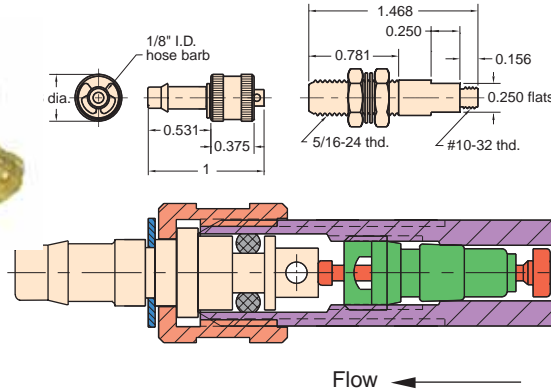
MJQC-VMP



MQC-2S



Quick Connect Assembly



Type: One way check quick connect assembly of valve body MQC-V2 and hose connector MQC-F

Material: Body- brass, Stem- brass

Seals: Buna-N

Working Pressure: 0 to 300 psig

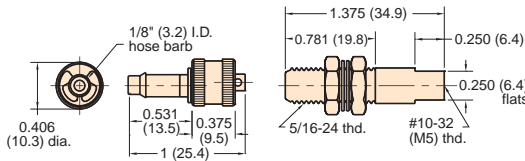
Air Flow: 3.0 scfm @ 50 psig
5.8 scfm @ 100 psig

Triple Barb: Order #MQC-2

MQC-3S



Quick Connect Assembly



Type: One way check quick connect assembly of valve body MQC-V3 and hose connector MQC-F

Material: Body- brass, Stem- brass

Seals: Buna-N

Working Pressure: 0 to 300 psig

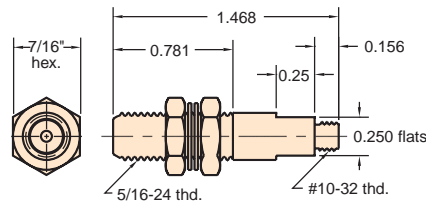
Air Flow: 3.0 scfm @ 50 psig
5.8 scfm @ 100 psig

Triple Barb: Order #MQC-3 or MQC-3-M5 (metric)

MQC-V2



Valve Body



Material: Brass

Thread: #10-32 male

Mounting: In panel or bracket to 1/4" thick with two 7/16" mounting nuts and lockwashers furnished; also screws directly into operative unit or manifold

Seals: Buna-N

Use: For connection with external shut-off to external hose, use hose connectors: MQC-F, MQC-FT, MQC-F2

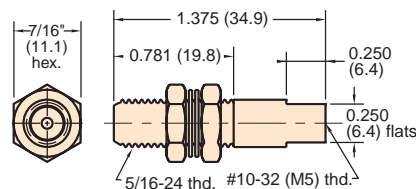
Options: (-NP)



MQC-V3



Valve Body



Material: Brass

Thread: Tapped #10-32

Mounting: In panel or bracket to 1/4" thick with two 7/16" mounting nuts and lockwashers furnished; like MQC-V2, but end is tapped #10-32 instead of threaded

Seals: Buna-N

Use: For connection with external shut-off to external hose, use hose connectors: MQC-F, MQC-FT, MQC-F2

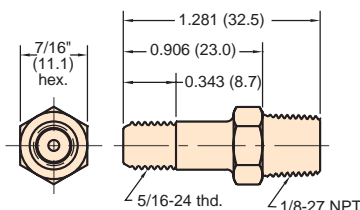
Options: (-NP), (-M5)



MQC-VP



Valve Body



Material: Brass

Thread: 1/8" NPT base; 5/16-24 body

Use: For connection with external shut-off to external hose, use hose connectors: MQC-F, MQC-FT, MQC-F2

Seals: Buna-N

Options: (-NP), (-MR), (-MG)

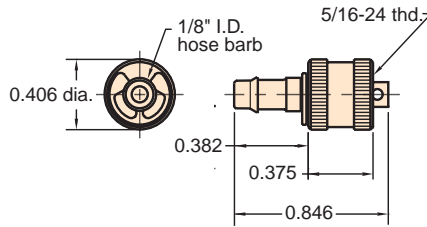


MINIMATIC® QUICK CONNECT

MQC-FS



1/8" Hose Connector



Material: Brass

Thread: I.D. of knurled end screws onto male end of valve bodies

For Use With: 1/8" I.D. Vinyl, Buna-N or braided hose

Installation: Simply push hose onto barbed end and secure with hose clamp # 5000-1, 5000-2 or 5000-1A.

Seals: Buna-N

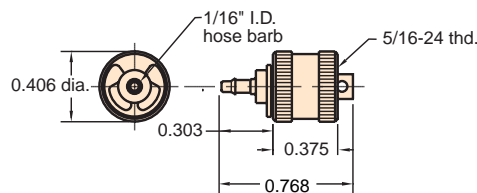
Options: (-NP)

Triple Barb: Order #MQC-F

MQC-F2S



1/16" Hose Connector



Material: Brass

Thread: I.D. of knurled end screws onto male end of valve bodies

For Use With: Subminiature 3814-5 1/16" ID vinyl hose

Installation: Simply push hose onto barbed end and secure with slip-over hose clamp furnished

Seals: Buna-N

Options: (-NP)

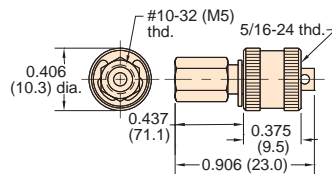
Triple Barb: Order #MQC-F2



MQC-FT



#10-32 (M5) Tapped Connector



Material: Brass

Thread: Outlet is tapped #10-32 or M5 Metric. I.D. of knurled end screws onto male end of valve bodies: MQC-V2, MQC-V3, MQC-VP

Mounting: Outlet mounts with #10-32 (M5) short coupling #11999

Seals: Buna-N

Options: (-NP), (-M5)



Tip

When assembling #10-32 threaded fittings with gaskets, turn the fitting in until the gasket contacts the surface. Then give the fitting less than a 1/4 turn to achieve a good seal.