

CHROME-PLATED QUICK COUPLINGS

High Temperature Brass Couplings

For durability and heat resistance

High Temperature brass couplings have a chrome-plated brass valve and Viton seals to operate effectively in temperatures up to 204°C (400°F). Made for high-heat environments or to carry fluids up to 204°C (400°F) without leaking. They offer all of the same quick connect-quick disconnect capabilities of other OMEGA® couplings.

Chrome-plated brass shutoff valves can be ordered as either the insert, the body, or both sides. For maximum flow, use couplings without valves.

All metal high temperature couplings have chrome-plated brass bodies and valves, stainless steel springs and latch, and Viton® fluoroelastomer O-Ring seals. They are an economical alternative to stainless steel quick couplings.

High Temperature Coupling Selection

All OMEGA® chrome-plated brass couplings are available in high temperature versions.

To Order Specify Model Number for FT-MC or FT-LC

HOW TO ORDER:

Simply add "HT" after the part number shown for the chrome-plated brass couplings to order with the chrome-plated brass valve and Viton® seals. Add **\$4.05** to the price of each coupling or insert, a 25 piece minimum order required.

Ordering Example:

High temperature panel mount body, 1/8" flow with shutoff valve, 1/4" ID tubing. Model Number, **FT-MCD16-04HT**.



Specifications

Working Pressure: Vacuum to 250 psi, 17.3 Bar

Operating Temperature: -40 to 204°C
-40 to 400°F

Materials:

Bodies: Chrome-Plated Brass
Valves: Chrome-Plated Brass
Valve Spring: 316 Stainless Steel
External Springs, Pin, Latch: Stainless Steel
Steel Seals: Viton

Tubing sizes:

1/8" thru 3/8" ID
5/32" OD x .10" ID thru 3/8" OD x .250" ID
4 OD x 2.5 mm ID thru 10 OD x 6.5 mm ID

Applications:

- Photo Chemicals for Film Processing
- Inks and Dyes
- Process Monitoring Instruments
- Boiling Water
- Autoclave Drains



With a combination of powerful features, the new portable and rugged OS520 Series infrared pyrometers offer solutions for many non-contact temperature measurement applications. The standard 1 mV per degree analog output allows interfacing with data acquisition equipment, including chart recorders, dataloggers and computers.

OS522 Unit with Standard Laser Sight, \$1295

CHROME-PLATED QUICK COUPLINGS

Keyed, Color-Coded Brass Quick Couplings

1/8" Flow, FT-MC Series

Keyed OMEGA® quick couplings are specifically designed for small flexible hose and plastic tubing applications which require positive mechanical connections and non-interchangeable lines. They provide economical, keyed, high reliability, fool proof connections that are compatible with lower pressure and size requirements for instrumentation applications.

Features:

- Available in Chrome-Plated Brass
- Three Keyed, Non-Interchangeable Combinations
- Keyed Combinations Have Same Color-Code
- Available in Panel Mount and Pipe Thread Bodies
- Straight Through or Single End Shutoff, 1/8" Flow Size

Warning: Standard thermoplastic and chrome-plated brass quick disconnects cannot be interchanged with keyed quick disconnect couplings because they will leak.

***Color Coding:** K1= Orange
K2= Yellow
K3= Blue

1/8" Flow

COUPLING BODIES



Pipe Thread

MALE THREAD	STRAIGHT THRU MODEL NUMBER	PRICE	SHUTOFF MODEL NUMBER	PRICE
1/8" NPT	FT-MC10-02-K*	\$12.69	FT-MCD10-02-K*	\$14.99
1/4" NPT	FT-MC10-04-K*	12.69	FT-MCD10-04-K*	14.99

Panel Mount with Hose Barb

TUBING	STRAIGHT THRU MODEL NUMBER	PRICE	SHUTOFF MODEL NUMBER	PRICE
1/8" ID	FT-MC16-02-K*	\$18.59	FT-MCD16-02-K*	\$20.26
1/4" ID	FT-MC16-04-K*	19.14	FT-MCD16-04-K*	20.83

Panel Mount Ferruleless Polytube Fitting†, PTF

TUBING	STRAIGHT THRU MODEL NUMBER	PRICE	SHUTOFF MODEL NUMBER	PRICE
1/4" OD x .170" ID	FT-MC12-04-K*	\$20.10	FT-MCD12-04-K*	\$22.26

INSERTS



For body and insert dimensions, refer to MC Series listings.

† PTF fittings are designed for semi-rigid tubing i.e. polyethylene, nylon, etc., and polyurethane tubing.

Pipe Thread

MALE THREAD	STRAIGHT THRU MODEL NUMBER	PRICE
1/8" NPT	FT-MC24-02-K*	\$7.51

Hose Barb

TUBING	STRAIGHT THRU MODEL NUMBER	PRICE
1/8" ID	FT-MC22-02-K*	\$6.83
1/4" ID	FT-MC22-04-K*	6.83

Ferruleless Polytube Fitting†, PTF

TUBING	STRAIGHT THRU MODEL NUMBER	PRICE
1/4" OD x .170" ID	FT-MC20-04-K*	\$9.56



Specifications

Working Pressure: Vacuum to 250 psi, 17.3 Bar

Operating Temperature: -40 to 82°C continuous
-40 to 180°F continuous

Materials: Bodies: Chrome-Plated Brass
Valves: Delrin Acetal
Valve Spring: 316 Stainless Steel
External Springs, Pin, Latch: Stainless Steel
Seals: Buna-N

Ordering: All couplings have consistent color coding (i.e., K1-Orange, K2-Yellow, K3-Blue). Order body and insert separately to make tubing connection. For example, MC10-02K1 and MC22-02K1.

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