

CHROME-PLATED QUICK COUPLINGS

CHROME-PLATED BRASS



1/8" Flow

- ✓ Rugged Stainless Steel and Chrome-Plated Brass Construction
- ✓ Pipe Thread, Panel Mount, In Line and Elbow Configurations
- ✓ Attractive Appearance
- ✓ Single Side, Double Side Shutoff or Straight Thru Flow

Applications

- ✓ Air Lines
- ✓ Beverage Supply Lines
- ✓ Instrumentation
- ✓ Water Lines

FT-MC Series



By Individual Model No.†



FT-MC Series couplings offer 1/8" flow along with the durability and attractiveness of Chrome-Plated Brass. They provide excellent service at higher pressures.

† Visit omega.com/rohs to determine specific RoHS compliance.

Coupling Bodies 1/8" Flow

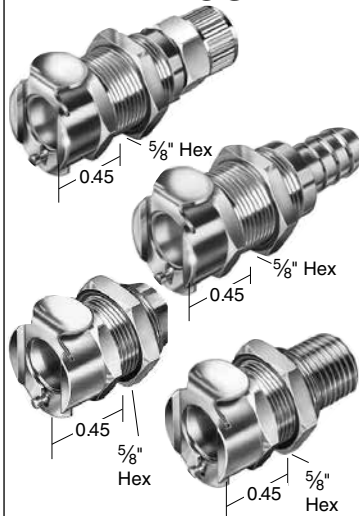
To Order

PIPE THREAD



MALE THREAD	METRIC EQ	STRAIGHT THRU MODEL NUMBER	SHUTOFF MODEL NUMBER	LENGTH
1/8" NPT	—	FT-MC10-02	FT-MCD10-02	1.10"
1/4" NPT	—	FT-MC10-04	FT-MCD10-04	1.10"
1/8" BSPT	—	FT-MC10-02BS	FT-MCD10-02BS	1.00"
1/4" BSPT	—	FT-MC10-04BS	FT-MCD10-04BS	1.10"

PANEL MOUNT*



Ferrules Polytube Fitting††, PTF

TUBING SIZE OD x ID	METRIC EQ mm	STRAIGHT THRU MODEL NUMBER	SHUTOFF MODEL NUMBER	LENGTH
5/32 x 0.10"	4 x 2.5	FT-MC12-025	FT-MCD12-025	1.67"
1/4 x 0.170"	6 x 4.3	FT-MC12-04	FT-MCD12-04	1.77"

Hose Barb

ID	METRIC EQ	STRAIGHT THRU MODEL NUMBER	SHUTOFF MODEL NUMBER	LENGTH
1/8" ID	3.2 ID	FT-MC16-02	FT-MCD16-02	1.67"
3/16" ID	4.8 ID	FT-MC16-03	FT-MCD16-03	1.89"
1/4" ID	6.4 ID	FT-MC16-04	FT-MCD16-04	1.89"

Female Thread

Thread	METRIC EQ	STRAIGHT THRU MODEL NUMBER	SHUTOFF MODEL NUMBER	LENGTH
10-32 UNF	—	FT-MC18-1032	FT-MCD18-1032	1.25"

Male Thread

Thread	METRIC EQ	STRAIGHT THRU MODEL NUMBER	SHUTOFF MODEL NUMBER	LENGTH
1/8" NPT	—	FT-MC15-02	FT-MCD15-02	1.20"

IN LINE



Ferrules Polytube Fitting††, PTF

TUBING SIZE OD x ID	METRIC EQ mm	STRAIGHT THRU MODEL NUMBER	SHUTOFF MODEL NUMBER	LENGTH
1/4 x 0.170"	6 x 4.3	FT-MC13-04	FT-MCD13-04	1.77"

Hose Barb

ID	METRIC EQ	STRAIGHT THRU MODEL NUMBER	SHUTOFF MODEL NUMBER	LENGTH
1/8" ID	3.2 ID	FT-MC17-02	FT-MCD17-02	1.65"
3/16" ID	4.8 ID	FT-MC17-03	FT-MCD17-03	1.65"
1/4" ID	6.4 ID	FT-MC17-04	FT-MCD17-04	1.85"

* Panel Opening = 1/2" Diameter
 Maximum Panel Thickness = 1/2"
 (except 1/8" pipe thread = 0.21")
 Minimum Panel Thickness = 0.050"
 Panel Nuts = 5/8" Hex

Ordering Examples: FT-MCD16-04, Panel mount body, 1/8" flow with shutoff valve, 1/4" ID tubing, FT-MCD22-04, hose barb insert. FT-MC16-02, 1/8" ID panel mount body and FT-MC22-03, hose barb fitting.

†† PTF fittings are designed for semi-rigid tubing i.e. polyethylene, nylon, etc. and polyurethane tubing. Acetal and Chrome-Plated Brass coupling halves interchange.

SPECIFICATIONS

Working Pressure: Vacuum to 17.3 bar (250 psi)

Operating Temperature: -40 to 82°C

(-40 to 180°F) continuous

Materials:

Bodies: Chrome-Plated Brass

Valves: Acetal

Valve Spring: 316 Stainless Steel

External Springs, Pin, Latch: Stainless Steel

Seals: Buna, others available

Tubing Sizes: 1/8 thru 1/4" ID

5/32, 1/4 and 3/8" OD



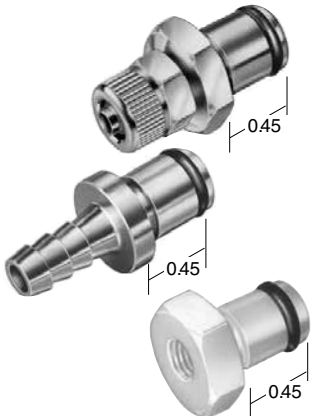
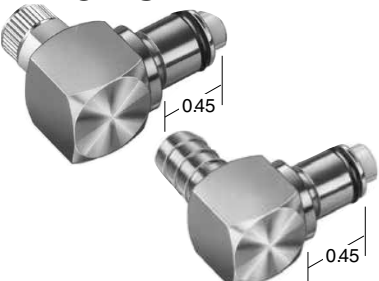
5 thru 10 x 6.5 mm (OD x ID)



Chrome-Plated Brass Couplings for high temperatures and pressures.

Inserts 1/8" Flow

To Order (Specify Model Number)

	THREAD	STRAIGHT THRU MODEL NUMBER	SHUTOFF MODEL NUMBER	LENGTH	
				MC	MCD
	1/8 NPT	FT-MC24-02	FT-MCD24-02	1.03"	1.33"
	1/4 NPT	FT-MC24-04	FT-MCD24-04	1.13"	1.30"
	1/8 NPT Female	FT-MC26-02	FT-MCD26-02	0.95"	1.55"
	1/4 NPT Female	FT-MC26-04	FT-MCD26-04	1.15"	1.72"
PANEL MOUNT*					
					
Ferrules Polytube Fitting^{††}, PTF					
TUBING SIZE OD x ID	METRIC EQ mm	STRAIGHT THRU MODEL NUMBER	SHUTOFF MODEL NUMBER	LENGTH	
1/4 x 0.170"	6 x 4.3	FT-MC40-04	FT-MCD40-04	1.75"	
Hose Barb					
1/8" ID	3.2 ID	FT-MC42-02	FT-MCD42-02	1.20"	
3/16" ID	4.8 ID	FT-MC42-03	FT-MCD42-03	1.87"	
1/4" ID	6.4 ID	FT-MC42-04	FT-MCD42-04	1.87"	
STRAIGHTS					
					
Ferrules Polytube Fitting^{††}, PTF					
TUBING SIZE OD x ID	METRIC EQ mm	STRAIGHT THRU MODEL NUMBER	SHUTOFF MODEL NUMBER	LENGTH	
5/32 x 0.10"	4 x 2.5	FT-MC20-025	FT-MCD20-025	1.13"	1.53"
1/4 x 0.170"	6 x 4	FT-MC20-04	FT-MCD20-04	1.30"	1.45"
3/8 x 0.250"	9.5 x 6	FT-MC20-06	FT-MCD20-06	1.30"	1.40"
Hose Barb					
1/8" ID	3.2 ID	FT-MC22-02	FT-MCD22-02	1.05"	1.55"
3/16" ID	4.8 ID	FT-MC22-03	FT-MCD22-03	1.25"	1.75"
1/4" ID	6.4 ID	FT-MC22-04	FT-MCD22-04	1.25"	1.58"
Female Thread					
10-32 UNF		FT-MC28-1032	FT-MCD28-1032	0.63"	1.20"
ELBOWS					
					
Ferrules Polytube Fitting^{††}, PTF					
TUBING SIZE OD x ID	METRIC EQ mm	STRAIGHT THRU MODEL NUMBER	SHUTOFF MODEL NUMBER	LENGTH	
5/32 x 0.10"	4 x 2.5	FT-MC21-025	FT-MCD21-025	1.18"	
1/4 x 0.170"	6 x 4.3	FT-MC21-04	FT-MCD21-04	1.18"	
Hose Barb					
1/8" ID	3.2 ID	FT-MC23-02	FT-MCD23-02	1.18"	
1/4" ID	6.4 ID	FT-MC23-04	FT-MCD23-04	1.18"	

* Panel Opening = 1/2" Panel Nut = 5/8" Hex Panel Thickness = 0.32" Maximum and 0.050" Minimum.

†† PTF fittings are designed for semi-rigid tubing i.e. polyethylene, nylon, etc. and polyurethane tubing. Acetal and Chrome-Plated Brass coupling halves interchange.