

# 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**



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.

## Coupling Bodies 1/8" Flow

To Order					
<b>Pipe Thread</b> 	<b>Male Thread</b>	<b>Metric Eq</b>	<b>Straight Thru Model No.</b>	<b>Shutoff Model No.</b>	<b>Length (inch)</b>
	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
<b>Panel Mount*</b> 	<b>Ferruleless Polytube Fitting†† PTF</b>				
	<b>Tubing Size OD x ID</b>	<b>Metric EQ mm</b>	<b>Straight Thru Model No.</b>	<b>Shutoff Model No.</b>	<b>Length (inch)</b>
	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
	<b>Hose Barb</b>				
	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
	<b>Female Thread</b>				
	10-32 UNF	—	FT-MC18-1032	FT-MCD18-1032	1.25
<b>In Line</b> 	<b>Male Thread</b>				
	1/8 NPT	—	FT-MC15-02	FT-MCD15-02	1.20
	<b>Ferruleless Polytube Fitting†† PTF</b>				
	<b>Tubing Size OD x ID</b>	<b>Metric EQ mm</b>	<b>Straight Thru Model No.</b>	<b>Shutoff Model No.</b>	<b>Length</b>
	1/4 x 0.170"	6 x 4.3	FT-MC13-04	FT-MCD13-04	1.77
	<b>Hose Barb</b>				
	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

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

**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.

## 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

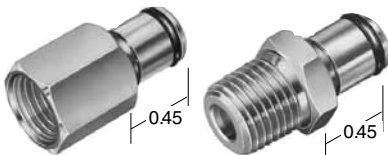
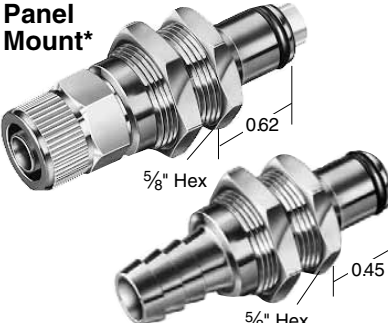
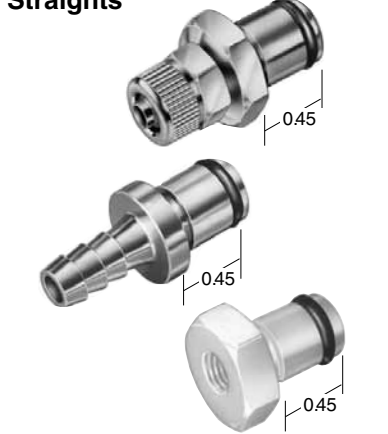
**Tubing Sizes:** 1/8 thru 1/4" ID

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						
	Thread		Straight Thru Model No.	Shutoff Model No.	Length (inch)	
	1/8 NPT		FT-MC24-02	FT-MCD24-02	MC	MCD
	1/4 NPT		FT-MC24-04	FT-MCD24-04	1.03	1.33
	1/8 NPT Female		FT-MC26-02	FT-MCD26-02	1.13	1.30
	1/4 NPT Female		FT-MC26-04	FT-MCD26-04	0.95	1.55
 <b>Panel Mount*</b>	Ferruleless Polytube Fitting <sup>††</sup> PTF					
	Tubing Size OD x ID	Metric EQ mm	Straight Thru Model No.	Shutoff Model No.	Length (inch)	
	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	
	Ferruleless Polytube Fitting <sup>††</sup> PTF					
	Tubing Size OD x ID	Metric EQ mm	Straight Thru Model Number	Shutoff Model Number	Length (inch)	
	5/32 x 0.10"	4 x 2.5	FT-MC20-025	FT-MCD20-025	MC	MCD
1/4 x 0.170"	6 x 4	FT-MC20-04	FT-MCD20-04	1.13	1.53	
3/8 x 0.250"	9.5 x 6	FT-MC20-06	FT-MCD20-06	1.30	1.45	
Hose Barb						
1/8" ID	3.2 ID	FT-MC22-02	FT-MCD22-02	1.05		
3/16" ID	4.8 ID	FT-MC22-03	FT-MCD22-03	1.25		
1/4" ID	6.4 ID	FT-MC22-04	FT-MCD22-04	1.75		
Female Thread						
10-32 UNF	FT-MC28-1032		FT-MCD28-1032	1.25		
 <b>Straights</b>	Ferruleless Polytube Fitting <sup>††</sup> PTF					
	Tubing Size OD x ID	Metric EQ mm	Straight Thru Model No.	Shutoff Model No.	Length (inch)	
	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.						