

## SPECIALTY QUICK COUPLINGS

# MULTITUBE QUICK COUPLING

Connect 1 to 10 Tubes in One Easy Motion

FT-T Series  
\$32<sup>91</sup>

Basic Coupling Set

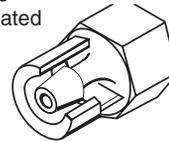
- ✓ Fast Hook-Up—1 to 10 lines in Seconds, Even 1/16" Lines
- ✓ Dependable—For Vacuum or Pressure
- ✓ Lightweight—Adapts Easily to Any Application
- ✓ Versatile—Ideal for Panel Mounting or In Line Connections
- ✓ Long Life—Replaceable Inserts and Seals Cut Costs
- ✓ Mix Tubing Sizes—Fit Specific Applications Requiring 1/16", 1/8" and mm ID Tubing



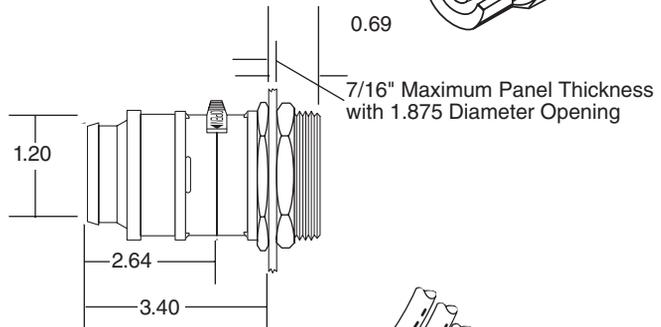
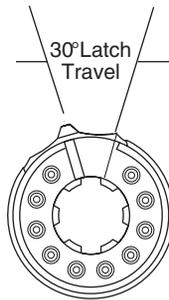
The Multitube Quick Coupling is the most reliable, easy operating multiple tube connection available for plastic tubing. Pneumatic control systems designers appreciate the Multitube advantages and features. The rugged thermoplastic design utilizes the toughness of engineering plastics and provides economy and other user requested features.

### Tube fitting insert

OMEGA's exclusive Multitube Includes the 1/16" ID shrouded tube fitting to eliminate fitting breakage associated with miniature tube fittings. Patented.



Positive latch connection. Slide the latch 30° for a positive no leak seal. Distinct click assures coupling is locked. Connect or disconnect in one simple motion.



Optional tubing shroud is ideal for in line applications

Optional tubing jacket protects tubing

Straight thru or single side shutoff capability

Replaceable inserts

Keyed to provide non-interchangeable hook-up

Individual O-Ring seal connections assure leak-free vacuum or pressure connections

Thermoplastic materials provide exceptional chemical resistance

Multitube panel mount adapter fits through a 1.875" diameter hole

Patented.

**Ordering Information:** Each coupling body includes ten inserts of one tube size. Purchase inserts of different sizes for replacements of original tube fittings or to mix tube sizes in the coupling. Coupling body does not include optional tubing shroud or panel mount adapter. Specify separately depending on coupling configuration; i.e. panel mount coupling requires 1 tubing shroud, 1 panel mount adapter. Tube-to-tube coupling assemblies require 2 tubing shrouds.

**Note:** Connectors supplied with one size tube fitting unless specified otherwise.

## SPECIFICATIONS

**Working Pressure:** Vacuum to 100 psi (6.9 bar) per line

**Operating Temperature:**

**Delrin®/Celcon® Acetal fitting inserts:**

-40 to 82°C (-40 to 180°F) continuous

**Polypropylene fitting inserts:**

0° to 82°C (32 to 180°F) continuous

**Materials:**

**Fitting inserts:** Delrin®/Celcon® Acetal or Polypropylene

**Valves:** Polypropylene

**Valve Springs:** 316 Stainless Steel

**Seals:** Buna-N with Delrin®/Celcon® Acetal EPR with Polypropylene

**Body/Color:** Nylon/Black

**Panel mount adapter:** Delrin®/Celcon® Acetal

**Tube shroud:** Delrin®/Celcon® Acetal

**Tubing Sizes:** 1/16" and 1/8" ID

1/4" OD Poly, 6 x 4 mm Nylon, and 3 mm ID Nylon



Multitube multiple tube quick couplings increase serviceability for pneumatic controls.

## Multitube

**MOST POPULAR MODELS HIGHLIGHTED!**

Complete Coupling Set							
TUBING SIZE ID	METRIC EQ MM ID	DELRIN®/CELCON® ACETAL STRAIGHT THRU MODEL NO.	PRICE	DELRIN®/CELCON® ACETAL SHUTOFF MODEL NO.	PRICE	POLYPROPYLENE STRAIGHT THRU MODEL NO.	PRICE
1/16"	—	FT-TT 10-01	\$32.91	FT-TTD 10-01	\$88.90	FT-TT 10-01-12	\$42.26
—	3	FT-TT 10-M3	32.91	FT-TTD 10-M3	88.90	—	—
1/8"	4	FT-TT 10-02	32.91	FT-TTD 10-02	88.90	FT-TT 10-02-12	42.26
Complete Coupling Body							
1/16"	—	FT-TFB10-01	\$10.38	FT-TFBD10-01	\$65.29	FT-TFB10-01-12	\$14.51
—	3	FT-TFB10-M3	10.38	FT-TFBD10-M3	65.29	—	—
1/8"	4	FT-TFB10-02	10.38	FT-TFBD10-02	65.29	FT-TFB10-02-12	14.51
Body without inserts		FT-TFB10	3.65	—	—	—	—
Complete Coupling Insert							
1/16"	—	FT-TMB10-01	\$22.53	—	—	FT-TMB10-01-12	\$27.74
—	3	FT-TMB10-M3	22.53	—	—	—	—
1/8"	4	FT-TMB10-02	22.53	—	—	FT-TMB10-02-12	27.74
Body without inserts		FT-TMB10	11.60	—	—	—	—
Fitting Inserts							
1/16"	—	FT-TMF-01	\$1.20	—	—	FT-TMF-01-12	\$1.82
—	3	FT-TMF-M3	2.00	—	—	—	—
1/8"	4	FT-TMF-02	1.20	—	—	FT-TMF-02-12	1.82
Fitting Bodies							
1/16"	—	FT-TFF-01	\$0.88	FT-TFFD-01	\$6.36	FT-TFF-01-12	\$1.27
—	3	FT-TFF-M3	0.88	FT-TFFD-M3	6.36	—	—
1/8"	4	FT-TFF-02	0.88	FT-TFFD-02	6.36	FT-TFF-02-12	1.27
ACCESSORIES							
DESCRIPTION					MODEL NO.	PRICE	
<b>Tube Shroud</b> Snaps into either half					FT-TS-10	\$4.87	
<b>Panel Mount Adapter</b> Includes Nut 3/16" Max. Panel Thickness Requires 1.875" Diameter Hole					FT-TPM-10	6.62	
<b>Tube Jacketing</b> Black, 40 foot coils standard					FT-TJ-10	77.73	
<b>Cable Tie</b>					FT-CT-10	0.42	

**Ordering Example:** FT-TT10-01-12, polypropylene coupling set, FT-TS-10, tube shroud, \$42.26 + 4.87 = \$47.13

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