

## Using this Catalog

1. **Silver solder joints** are typical on all fabricated Memco fittings. We do **not** use soft solder joints on any of our products. The solder we use complies with FDA, NSF, and medical grades Class VT lead-free cadmium-free solder. Our solder meets the directive 2002/96/EC on waste electrical and electronic equipment (WEEE) and directive 2002/95/EC on the restricted use of certain hazardous substances in electrical and electronic equipment (ROHS).

2. The fittings in this catalog are shown at actual size for quick visual reference.

### 3. Product availability:

#### Brass... Stainless... Electroless Nickel Plated... Aluminum

All products are available in brass directly from inventory. Products are available in stainless steel but may not be carried in stock at the time of your order. Electroless nickel plating is done on a per order basis.

### 4. O'Ring material availability:

Standard - Buna N  
Optional - EPDM, Viton, Silicone & Teflon encapsulated silicone

### 5. How to Order

Part numbers are listed in rows below product drawings. Line numbers for each row are used to make product cross-referencing easy. (The price list also references line numbers)

A. For Brass items: use part number shown.



**Example: B1 (See line 17, page 5)**

B. For stainless steel: use part # plus suffix "S/S"

**Example: B1 S/S**

C. For Electroless Nickel plate: Part # plus suffix "N/P"

**Example: B1 N/P**

C. For Aluminum: Part # plus suffix "AL" and specify clear or color anodized

**Example: B1 AL Clear**

### 6. Developing Part Numbers

Use the convenient table below to select the barb numbers (sizes) corresponding to the internal diameters of the plastic tubing being used.

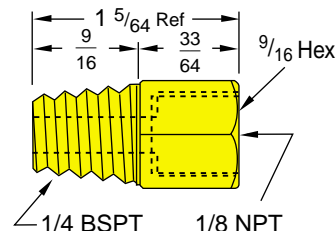
Branch Barb #	Tubing I.D.	Hole Thru
045	3/64	.043
1	1/16	.055
2	.078 (2mm)	.059
2 1/2	3/32	.081
3	1/8	.089
3 1/2	5/32 (4mm)	.104
4	.170	.125
5	3/16	.140
5 1/2	7/32	.156
6	1/4	.177
7	5/16 (8mm)	.250
8	3/8	.290
10	1/2	.391

Part numbers are written with **male thread first – female thread indicated second**.

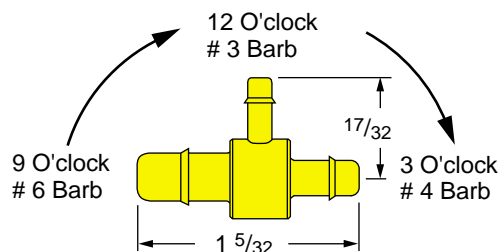
**Example: 1/4 BSPT to 1/8 (F)**

(Line # 94, Page 23)

**Branch numbers indicate barb sizes.** First number designates the branch at the 9:00 O'clock position in the drawing. The largest branch is



called out first. Other branch numbers follow in a clockwise direction.



**Example: RT6-3-4 (Line # 7, Page 2)**

**MEM-CO Model Designations are coded as follows:**

B	=	Straight male thr'd to tube
C	=	coupling, tube to tube
B	=	thread to tube
L	=	elbow, barbs at 90°
T	=	tee/ (-3) = (3 way tee)
T90°	=	branches at 90°
X	=	4 way cross
R	=	reducer
RB	=	reducer bushing
RC	=	reducer coupling
RT	=	reducer tee
RX	=	reducer cross
A	=	adjustable
BK	=	bulkhead
F	=	female thread
HN	=	hex nipple
IRM	=	in-line reducer manifold
M	=	manifold
SW	=	swivel
V	=	outlets at 60°

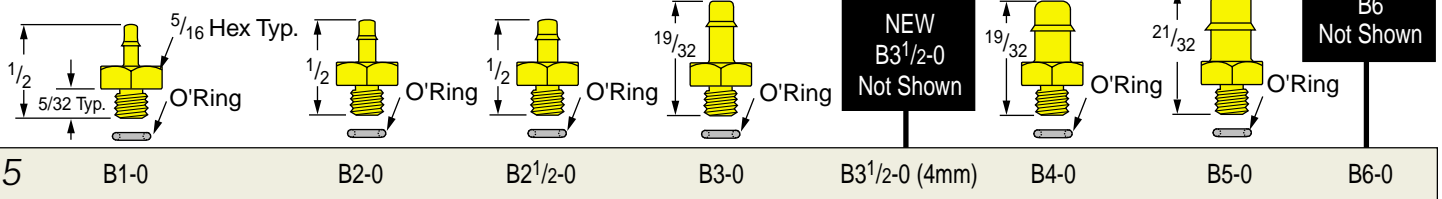
## 7. Orifice Fittings

Many of our small brass and stainless fittings such as C1, C3, B1, B2, T1, T2, etc., are available as orifice fittings. In the case of Tee's, the branch and/or one end of the run may be an orifice. A cross can have as many as three orifices.

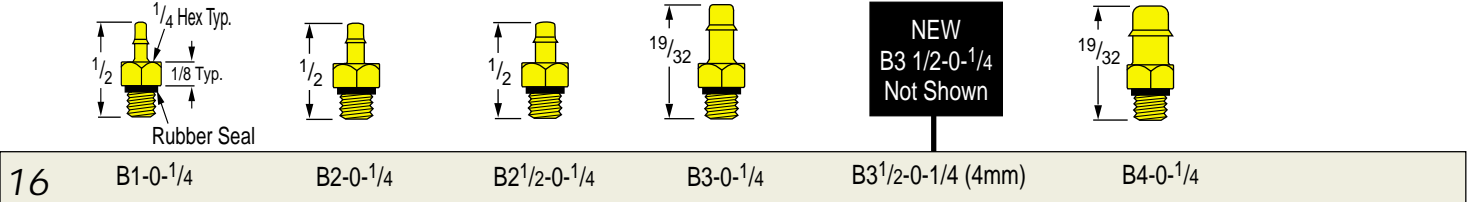
**See page 24 for C Series orifice fittings.**

The general dimensions in this catalog are subject to change without notice

**10-32 Male Thread to Tube with O-Ring Seal Assembled (Also available as orifice fittings)**

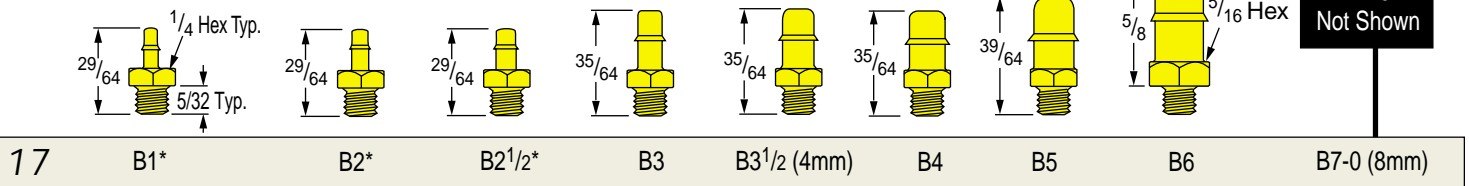


**10-32 Male Thread to Tube with Captive Rubber Gasket Assembled**



**10-32 Male Thread to Tube Fibre Gasket Supplied**

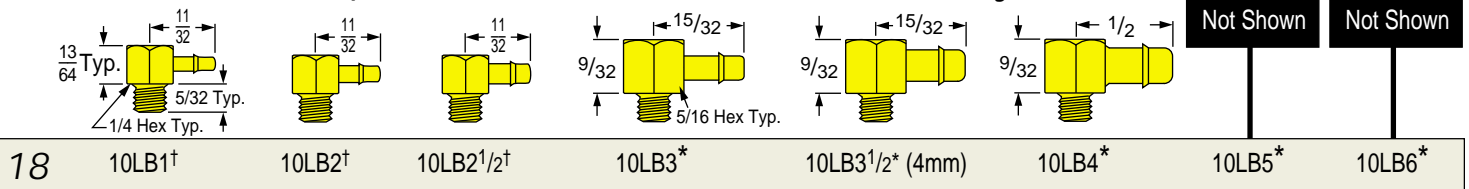
(\*Also available with 3-56, 6-32 and 8-32 Threads – see page 30)



**Elbows: 10-32 Male to Tube Fibre Gasket Supplied**

†Note: also available with captive rubber seal

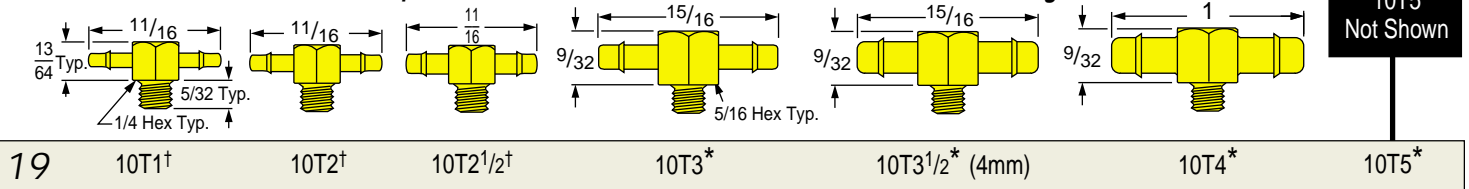
\*Note: also available with "O" Ring seal



**Tees: 10-32 Male to Tube Fibre Gasket Supplied**

†Note: also available with captive rubber seal

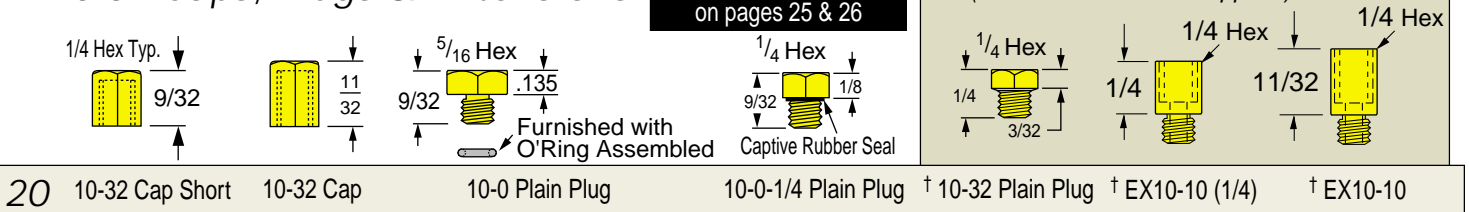
\*Note: also available with "O" Ring seal



**10-32 Caps, Plugs & Extensions**

See more 10-32 fittings on pages 25 & 26

(†Note: Fibre Gasket Supplied)



**10-32 Female Thread to Tube**

