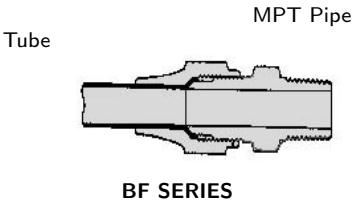
BOSHART INDUSTRIES

Telephone: 1-519-595-4444 - Toll Free: 1-800-561-3164
Fax: 1-519-595-4380 - www.boshart.com

GENERAL BRASS FITTING INFORMATION

FLARE FITTINGS (BF Model Prefix)

- Suitable for use in the Plumbing and Heating Industries
- Forged fittings generally used for gas, oil, air and water
- Applicable with aluminum, brass, copper and steel tubing
- Two piece assembly, Nut and Body, sold separately
- Can disassemble and reassemble many times with no effect on the seal
- Resistant to mechanical pullout
- Long nuts are recommended for higher vibration applications
- For use in applications with temperature range of -65°F to + 250°F
- All Flare Fittings have a 45° flaring



BF SERIES

Tube O.D	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"
Thread Size	5/16" -24	3/8" -24	7/16" -20	1/2" -20	5/8" -18	11/16" -16	3/4" -16	7/8" -14	1-1/16" -14	1-1/4" -12	1-3/8" -12

Flare Installation:

1. Cut tube end squarely
2. Position flare nut on tube so threads are facing tube end
3. Flare end of tube
4. Hand tighten assembly and secure with an additional 1/6th (60) turn **CAUTION: DO NOT OVER TIGHTEN!**

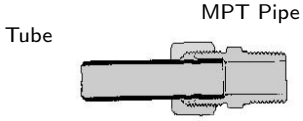
COMPRESSION FLARE FITTINGS (BC Model Prefix)

- Suitable for use in low to medium pressure applications
- Minimal preparation work of tube required
- Applicable with aluminum and copper tubing
- Three piece assembly, Nut, Sleeve and Body (Sold completely assembled)
- Short nuts are recommended for use in applications where vibration does not exist
- Long nuts are recommended for additional vibration resistance
- For use in applications with temperature range of -65°F to +250°F

Tube O.D	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"
Thread Size	5/16" -24	3/8" -24	7/16" -24	1/2" -24	9/16" -24	5/8" -24	11/16" -20	13/16" -18	1" -18	1-1/8" -18	1-1/4" -18

Compression Installation **CAUTION: DO NOT OVER TIGHTEN!**

1. Cut tube end squarely
2. Position nut followed by sleeve on tube so threads are facing tube end
3. Push tube into compression body ensuring it is against the built in stop
4. Hand tighten assembly and secure with an additional 1/2 turn with a wrench after nut begins to take hold or bite.



BC SERIES

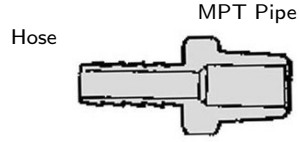
Standard compression fittings can be used to make connections between Copper, Brass, Aluminum, Plastic, CPVC & Pex tubing. On gasoline, grease, oil, water, vacuum and air lines. **Not recommended for use with steel tubing**. They are designed for use with **tube** manufactured to CTS-OD copper tubing sizes (outside diameter controlled). NOTE: A brass insert must be inserted into Soft Copper, Aluminum, Plastic, CPVC & Pex tubing to put 360° of even pressure on the tubing, to make a round rigid profile that will ensure a tight seal.

HOSE BARB FITTINGS (BH Model Prefix)

- Suitable for use with various hose and tubing
- Check with hose or tube manufacturer to ensure hose barb is suitable for application
- For use in applications with temperature range of -40°F to +160°F

Hose Barb Installation:

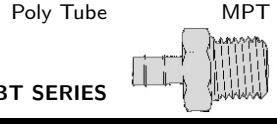
1. Cut hose to length
2. Place clamp onto hose
3. Lubricate hose barb
4. Position hose on the barb 1/4" back from hex
5. Tighten Clamp



BH SERIES

POLY BARB FITTINGS (BT Model Prefix)

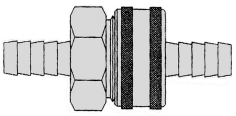
- Suitable for use with polyethylene tubing
- Excellent vibration resistance
- For use in applications with temperature range of -40°F to +135°F



BT SERIES

GARDEN HOSE FITTINGS (BG Model Prefix)

- Suitable for use in commercial or industrial plumbing
- Maximum working pressure 150 psi at 73°F
- Always check the maximum working pressure of the hose



BG SERIES