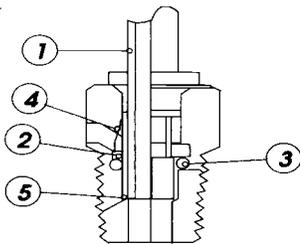


- **QUICK CONNECT**, simply push tubing in, no tools. Saves up to 75% of assembly time of standard compression fittings.
- **QUICK DISCONNECT**, hold two fingers on insert and pull tubing out, no tools required.
- **REUSEABLE**, connect and disconnect numerous times.
- **FULL FLOW DESIGN**, provides up to 60% more flow area than conventional fittings with internal tube supports.
- **POSITIVE SEAL**, no leaks. After tubing is inserted, seal is made.
- **VERSATILE**. BunaN "O" rings standard. Other material of "O" rings available.
- **SECURE TUBE RETENTION**. Pulling on tubing only serves to tighten the connection.
- **SELF CONTAINED ASSEMBLY**, no loose parts, brass body and insert.
- **BRASS CONSTRUCTION**, Elbows and tees are forged brass.
- **CHOICE** of convenient swivel or economical stationary elbows and tees.
- **STRAIGHT CONNECTORS** have interior hex for Allen key tightening where space is limited...no need to use a wrench.
- **PRE-APPLIED TEFLON®** based pipe sealant on all male pipe threads, saving customer additional labor.
- **METRIC SIZES AVAILABLE:** Metric tube sizes from 2mm through 12mm in both standard NPT and metric pipe sizes are available on a special order basis.
- **WORKING PRESSURE:** The fitting is suitable for use up to the maximum working pressure of the plastic tubing used. For soft copper tube, a maximum pressure of 750 PSI is recommended.
- **WORKING TEMPERATURE:** -10°F to 200°F (other ranges available on request). Also suitable for vacuum service.
- **PIPE THREAD:** NPTF with Tefl on ® based sealant pre-applied.



When tubing (1) is inserted into the fitting, it first passes through the gripping teeth (2). Just beyond the gripping teeth is the o-ring (3) which provides the leak proof seal against the OD of the tube. The gripping teeth grab the tube, which expands the tube. Pulling back on the tube only tightens the grip as the insert moves onto the coning surface (4). Pressure thought the tube also serves to tighten the grip. The tube sure through the tube also serves to tighten the grip. The tube

bottoms against a positive tube stop (5) in a cavity providing bottoms against a positive tube stop (5) in a cavity providing tube support to prevent leakage.

NICKEL PLATED BRASS GLOBAL THREAD

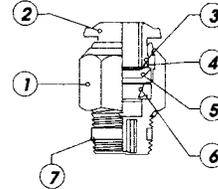
Works With Inch or Metric Threads



"Global Thread" fittings can be assembled assembled with female threads produced to the following standards.

Look for this
Logo

Tapered NPTF
Parallel (BSPP, BSP, ISO 7)
Tapered (BSPT, PT, ISO 7, ISO 228)



1. BODY	BRASS - NICKEL PLATED
2. THRUST RING	PLASTIC
3. SLEEVE	BRASS - NICKEL PLATED
4. GRIPPER COLLET	STAINLESS STEEL
5. SAFETY RING	PA66
6. LIPSEAL (1/8 O-RING SEAL)	NBR 70
7. THREAD SEAL	NBR 70

COMPONENT PARTS AND MATERIALS PRESSURES RATING

0-250 PSI Vacuum Compatible

TUBING

Nylon, Polyethylene, Polyurethane 95
Durometer or higher.

TEMPERATURE RATING

0-160 F -18-70 C

MEDIA

Compressed air, water.

Global Thread Features:

- No need to stock both inch and metric fittings
Reduce inventory by stocking Global Thread
- Stainless Steel gripper collet ensures superior gripping on all types of tubing.
- Global Thread fitting can endure applications of high impact and vibration.
- Lip seal has exceptional sealing capability in both pressure and vacuum.
- All Global Thread fittings have reusable thread seal for ease of installation.

**Reduce Inventory
Stock GLOBAL THREAD**

Nickel Plated Push-In Fittings

Brass Fittings

Nickel Plated Push-In Fittings

Brass

PLASTIC PLUG



284PP
AQ59
209-OF
1129
6900
639PL
12-004
50-526

Part #	Size
806-53PI	5/32
806-04PI	1/4
806-05PI	5/16
806-06PI	3/8
806-08PI	1/2

UNION CONNECTOR



12-020	AQ62
50-562	6580
262-OF	3106
1162	63PL
262PP	KQH

NICKEL PLATED

Part #	Size
815-02-02PI	1/8
815-53-53PI	5/32
815-04-04PI	1/4
815-06-04PI	3/8x1/4
815-06-06PI	3/8
815-08-08PI	1/2

REDUCER



67PPL
286PP

NICKEL PLATED

Part #	Tube 1	Tube 2
20-510	1/4	1/8
20-511	1/4	5/31
20-512	3/8	1/4

UNION TEE



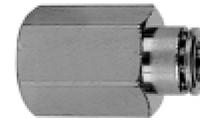
KQT
12-060
50-564
264OF

264PP
AQ64
6540
3140
164PL

NICKEL PLATED

Part #	Tube OD
824-02PI	1/8
824-53PI	5/32
824-03PI	3/16
824-04PI	1/4
824-05PI	5/16
824-06PI	3/8
824-08PI	1/2

FEMALE CONNECTOR



266PP
AQ66
6463
66PL
12-426
50-566
266-OF
1166

NICKEL PLATED

Part #	Tube O.D.	Pipe Thread
854-02-02PI	1/8	1/8
854-02-04PI	1/8	1/4
854-04-02PI	1/4	1/8
854-04-04PI	1/4	1/4
854-06-04PI	3/8	1/4
854-06-06PI	3/8	3/8

FIXED MALE ELBOW



269PP
AQ69-P
6500
169PLNS

1169

NICKEL PLATED

Part #	Tube O.D.	Pipe Thread
822-02-02PI	1/8	1/8
822-53-02PI	5/32	1/8
822-03-02PI	3/16	1/8
822-04-02PI	1/4	1/8
822-04-04PI	1/4	1/4
822-04-06PI	1/4	3/8
822-06-02PI	3/8	1/8
822-06-04PI	3/8	1/4
822-06-06PI	3/8	3/8
822-08-04PI	1/2	1/4
822-08-06PI	1/2	3/8
822-08-08PI	1/2	1/2



Nickel Plated Push-In Fittings

Brass Fittings

Nickel Plated Push-In Fittings

Brass

MALE CONNECTOR



268PP
AQ68
6510
3115
68PL



KQH
12-425
50-568
268-0F
1168

NICKEL PLATED

Part #	Tube O.D.	Pipe Thread
816-02-32PI	1/8	10-32*
816-02-02PI	1/8	1/8
816-02-04PI	1/8	1/4
816-53-32PI	5/32	10-32*
816-53-02PI	5/32	1/8
816-53-04PI	5/32	1/4
816-03-32PI	3/16	10-32*
816-03-02PI	3/16	1/8
816-04-32PI	1/4	10-32*
816-04-02PI	1/4	1/8
816-04-04PI	1/4	1/4
816-04-06PI	1/4	3/8
816-05-02PI	5/16	1/8
816-05-04PI	5/16	1/4
816-05-06PI	5/16	3/8
816-06-02PI	3/8	1/8
816-06-04PI	3/8	1/4
816-06-06PI	3/8	3/8
816-06-08PI	3/8	1/2
816-08-04PI	1/2	1/4
816-08-06PI	1/2	3/8
816-08-08PI	1/2	1/2

SWIVEL MALE ELBOW



AQ69-PS
56520
3109
169PL
KQL



12-447
50-579
269-OFS
11695

NICKEL PLATED

Part #	Tube O.D.	Pipe Thread
822-02-02PIR	1/8	1/8
822-03-04PIR	1/8	1/4
822-53-02PIR	5/32	1/8
822-53-32PIR	5/32	10-32
822-53-04PIR	5/32	1/4
822-04-02PIR	1/4	1/8
822-04-32PIR	1/4	10-32
822-04-04PIR	1/4	1/4
822-04-06PIR	1/4	3/8
822-05-04PIR	5/16	1/4
822-05-06PIR	5/16	3/8
822-06-02PIR	3/8	1/8
822-06-04PIR	3/8	1/4
822-06-06PIR	3/8	3/8
822-06-08PIR	3/8	1/2
822-08-06PIR	1/2	3/8
822-08-08PIR	1/2	1/2

UNION ELBOW

AQ65
6550
3102
165PL



KQL
12-040
50-565
265-0F

NICKEL PLATED

Part #	Tube O.D.
821-02-02PI	1/8
821-53PI	5/32
821-04-04PI	1/4
821-05-05PI	5/16
821-06-06PI	3/8
821-08-08PI	1/2

FEMALE ELBOW



AQ70-P
3009

NICKEL PLATED

Part #	Tube O.D.	Pipe Thread
855-53-02PI	5/32	1/8
855-04-02PI	1/4	1/8
855-04-04PI	1/4	1/4
855-06-04PI	3/8	1/4

UNION "Y"



NICKEL PLATED

Part #	Tube 1	Tube 2
6560-02-00	1/4	1/8
6560-04-00	1/4	1/4

MALE "Y"



12-445
50-569

PLAIN BRASS

Part #	Tube O.D.	Pipe Thread
6450-04-04	1/4	1/4

SWIVEL MALE RUN TEE

AQ70-PS
56440
3103
171PL
KQY



12-468
50-571
271-OFS
11715

NICKEL PLATED

Part #	Tube O.D.	Pipe Thread
826-04-02PIR	1/4	1/8
826-04-04PIR	1/4	1/4
826-06-06PIR	3/8	3/8
826-08-04PIR	1/2	1/4
826-08-06PIR	1/2	3/8

SWIVEL MALE BRANCH TEE

KQT
12-060
50-564
264OF



AQ64
6540
3140
64PL

NICKEL PLATED

Part #	Tube O.D.	Pipe Thread
825-02-02PIR	1/8	1/8
825-53-03PIR	5/32	10/32
825-53-08PIR	5/32	1/8
825-04-02PIR	1/4	1/8
825-04-04PIR	1/4	1/4
825-06-04PIR	3/8	1/4
825-06-06PIR	3/8	3/8
825-08-06PIR	1/2	3/8
825-08-08PIR	1/2	1/2

*Send DF Burnham & Company
all your high volume quotes!*

FEMALE BRANCH TEE



AQ77-P
3008
177PL

PLAIN BRASS

Part #	Tube O.D.	Pipe Thread
856-04-02PI	1/4	1/8
856-04-04PI	1/4	1/4
856-06-04PI	3/8	1/4

BULKHEAD UNION

AQ82-P
6590
62PLBH
KQE



12-029
50-582
282-OF
1174

NICKEL PLATED

Part #	Tube O.D.	Pipe Thread
832-03-03PI	3/16	1/2-20
832-04-04PI	1/4	1/2-20
832-05-05PI	5/16	
832-06-06PI	3/8	5/8-18
832-08-08PI	1/2	3/4-16

FEMALE BULKHEAD UNION



AQ86-P

PLAIN BRASS

Part #	Tube O.D.	Pipe Thread
20-170	1/4	1/8
20-171	1/4	1/4
20-172	3/8	1/4

