

Features

- Broad range of sizes and styles
- Manufactured from CA 360, CA 345 or CA 377 brass rod
- Do not require any flaring, soldering or other type of tubing preparation



For use with instrumentation, low pressure and pneumatic systems. Designed to be used with aluminum, copper and plastic tubing (polyurethane tubing requires tube support). Not for use with steel tubing. Compression fittings offer a fair resistance to vibration (*the use of a long nut is required to increase vibration resistance*).

Specifications

Product	Temp. Range	Media
Brass Compression Fittings	-65° to +250°F	Air and liquids compatible with materials of construction

Working Pressure (psi)	Tube O.D. (in.)	Tube Wall (in.)
400	1/8	.030
400	3/16	.030
300	1/4	.030
300	5/16	.032
200	3/8	.032
200	1/2	.032
150	5/8	.035
100	3/4	.035
75	7/8	.035

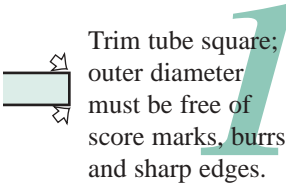
Information given for copper tubing at 73°F (typical guide).

Both operating temperature and tubing type are to be considered.

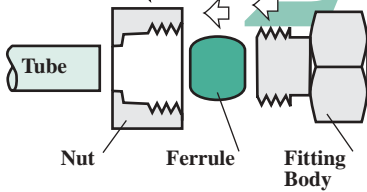
Ordering Information

- Brass compression fittings are ordered as complete assemblies- body, nut and sleeve.
- Brass compression fittings are sold in package quantities, *please refer to part number listing for package information.*
- Contact factory for special size or configuration.

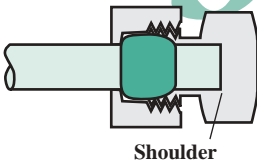
**How to Install
Compression Fittings**



Slide nut onto tubing with thread toward end of tubing. Slide ferrule onto tubing.



Slide ferrule/nut/tube into fitting body- hand tighten nut with fitting body.



Wrench tighten, according to the chart below, tubing must be bottomed on fitting shoulder.

Tube Size	Min. Additional Turns from hand tight
1/8" thru 1/4"	1-1/4
5/16"	1-3/4
3/8" thru 1"	2-1/4



CONNECTOR (MALE)

Part No.	OD Tube	NPT (M)	Pkg
PC68C-22	1/8	1/8	15
PC68C-32	3/16	1/8	15
PC68C-34	3/16	1/4	10
PC68C-42	1/4	1/8	15
PC68C-44	1/4	1/4	10
PC68C-46	1/4	3/8	10
PC68C-48	1/4	1/2	10
PC68C-52	5/16	1/8	15
PC68C-54	5/16	1/4	10
PC68C-56	5/16	3/8	10
PC68C-58	5/16	1/2	5
PC68C-62	3/8	1/8	10
PC68C-64	3/8	1/4	10
PC68C-66	3/8	3/8	10
PC68C-68	3/8	1/2	10
PC68C-74	7/16	1/4	10
PC68C-76	7/16	3/8	10
PC68C-84	1/2	1/4	10
PC68C-86	1/2	3/8	10
PC68C-88	1/2	1/2	5
PC68C-106	5/8	3/8	5
PC68C-108	5/8	1/2	5
PC68C-128	3/4	1/2	3
PC68C-148	7/8	1/2	3
PC68C-612	3/8	3/4	5
PC68C-812	1/2	3/4	5
PC68C-1012	5/8	3/4	5
PC68C-1212	3/4	3/4	3
PC68C-1412	7/8	3/4	3

CONNECTOR, REDUCER

Part No.	OD Tube	NPT (F)	Pkg
PC66CR-32	3/16	1/8	15
PC66CR-34	3/16	1/4	15
PC66CR-42	1/4	1/8	15
PC66CR-46	1/4	3/8	10
PC66CR-48	1/4	1/2	5
PC66CR-52	5/16	1/8	10
PC66CR-54	5/16	1/4	10
PC66CR-56	5/16	3/8	10
PC66CR-62	3/8	1/8	10
PC66CR-64	3/8	1/4	10
PC66CR-68	3/8	1/2	10
PC66CR-84	1/2	1/4	10
PC66CR-86	1/2	3/8	10



CONNECTOR

Part No.	OD Tube	NPT (F)	Pkg
PC66C-22	1/8	1/8	15
PC66C-44	1/4	1/4	10
PC66C-66	3/8	3/8	10
PC66C-88	1/2	1/2	5



BULKHEAD, TUBE/TUBE

Part No.	OD Tube	Pkg
PC82C-4	1/4	5
PC82C-6	3/8	5
PC82C-8	1/2	2



UNION, TUBE/TUBE

Part No.	OD Tube	Pkg
PC62C-2	1/8	10
PC62C-3	3/16	10
PC62C-4	1/4	10
PC62C-5	5/16	10
PC62C-6	3/8	10
PC62C-7	7/16	5
PC62C-8	1/2	5
PC62C-10	5/8	5
PC62C-12	3/4	2
PC62C-14	7/8	2



UNION, RDR TUBE/TUBE

Part No.	Tube	Tube	Pkg
PC56CR-42	1/4	1/8	10
PC56CR-43	1/4	3/16	10
PC56CR-54	5/16	1/4	10
PC56CR-64	3/8	1/4	5
PC56CR-65	3/8	5/16	5
PC56CR-86	1/2	3/8	3
PC56CR-106	5/8	3/8	3
PC56CR-108	5/8	1/2	3



ELL, UNION TUBE/TUBE

Part No.	OD Tube	Pkg
PC65C-2	1/8	10
PC65C-3	3/16	10
PC65C-4	1/4	10
PC65C-5	5/16	10
PC65C-6	3/8	10
PC65C-8	1/2	5
PC65C-10	5/8	3
PC65C-12	3/4	2
PC65C-14	7/8	2



ELL (MALE)

Part No.	OD Tube	NPT (M)	Pkg
PC69C-22	1/8	1/8	10
PC69C-32	3/16	1/8	10
PC69C-34	3/16	1/4	10
PC69C-42	1/4	1/8	10
PC69C-44	1/4	1/4	10
PC69C-46	1/4	3/8	5
PC69C-48	1/4	1/2	5
PC69C-52	5/16	1/8	10
PC69C-54	5/16	1/4	10
PC69C-56	5/16	3/8	10
PC69C-62	3/8	1/8	10
PC69C-64	3/8	1/4	10
PC69C-66	3/8	3/8	10
PC69C-68	3/8	1/2	5
PC69C-74	7/16	1/4	5
PC69C-76	7/16	3/8	5
PC69C-84	1/2	1/4	5
PC69C-86	1/2	3/8	5
PC69C-88	1/2	1/2	5
PC69C-106	5/8	3/8	5
PC69C-108	5/8	1/2	5
PC69C-128	3/4	1/2	2
PC69C-812	1/2	3/4	3
PC69C-1012	5/8	3/4	3
PC69C-1212	3/4	3/4	2
PC69C-1412	7/8	3/4	2



ELL (FEMALE)

Part No.	OD Tube	NPT (F)	Pkg
PC70C-22	1/8	1/8	10
PC70C-32	3/16	1/8	10
PC70C-42	1/4	1/8	10
PC70C-44	1/4	1/4	10
PC70C-52	5/16	1/8	10
PC70C-54	5/16	1/4	5
PC70C-62	3/8	1/8	5
PC70C-64	3/8	1/4	5
PC70C-66	3/8	3/8	5
PC70C-68	3/8	1/2	5
PC70C-84	1/2	1/4	5
PC70C-86	1/2	3/8	5
PC70C-88	1/2	1/2	5
PC70C-106	5/8	3/8	5
PC70C-108	5/8	1/2	5
PC70C-128	3/4	1/2	3
PC70C-812	1/2	3/4	2
PC70C-1012	5/8	3/4	3
PC70C-1212	3/4	3/4	2



ELL, REDUCER

Part No.	OD Tube	OD Tube	Pkg
PC65CR-64	3/8	1/4	5
PC65CR-86	1/2	3/8	3
PC65CR-106	5/8	3/8	3
PC65CR-108	5/8	1/2	3



TEE, TUBE/TUBE

Part No.	OD Tube	Pkg
PC64C-2	1/8	10
PC64C-3	3/16	10
PC64C-4	1/4	10
PC64C-5	5/16	5
PC64C-6	3/8	5
PC64C-8	1/2	3
PC64C-10	5/8	2
PC64C-12	3/4	2
PC64C-14	7/8	2



TEE, RUN

Part No.	OD Tube	NPT (M)	Pkg
PC71C-2	1/8	1/8	5
PC71C-4	1/4	1/4	5
PC71C-6	3/8	3/8	5
PC71C-8	1/2	1/2	2



TEE, RUN REDUCER

Part No.	OD Tube	NPT (M)	Pkg
PC71CR-32	3/16	1/8	5
PC71CR-42	1/4	1/8	5
PC71CR-52	5/16	1/8	5
PC71CR-62	3/8	1/8	5
PC71CR-64	3/8	1/4	5
PC71CR-86	1/2	3/8	2
PC71CR-108	5/8	1/2	2
PC71CR-128	3/4	1/2	2



TEE, BRANCH

Part No.	OD Tube	NPT (M)	Pkg
PC72C-2	1/8	1/8	5
PC72C-4	1/4	1/4	5
PC72C-6	3/8	3/8	5
PC72C-8	1/2	1/2	2
PC72C-12	3/4	3/4	1



TEE, BRANCH REDUCER

Part No.	OD Tube	NPT (M)	Pkg
PC72CR-32	3/16	1/8	5
PC72CR-42	1/4	1/8	5
PC72CR-52	5/16	1/8	5
PC72CR-54	5/16	1/4	5
PC72CR-62	3/8	1/8	5
PC72CR-64	3/8	1/4	5
PC72CR-86	1/2	3/8	2
PC72CR-108	5/8	1/2	2
PC72CR-128	3/4	1/2	1



TEE, RDR TUBE/TUBE

Part No.	OD Tube	OD Tube	Pkg
PC79CR-42	1/4	1/8	5
PC79CR-64	3/8	1/4	5
PC79CR-86	1/2	3/8	2
PC79CR-106	5/8	3/8	2
PC79CR-108	5/8	1/2	2

*Plastic Ferrule
for use with
plastic tubing*



FERRULE (BRASS)

Part No.	OD Tube	Pkg
PC60C-2	1/8	100
PC60C-3	3/16	100
PC60C-4	1/4	100
PC60C-5	5/16	75
PC60C-6	3/8	75
PC60C-7	7/16	50
PC60C-8	1/2	50
PC60C-10	5/8	50
PC60C-12	3/4	20
PC60C-14	7/8	15

*Brass Ferrule for
use with copper
tubing and nylon*



FERRULE (PLASTIC)

Part No.	OD Tube	Pkg
PC60CN-4	1/4	75
PC60CN-5	5/16	50
PC60CN-6	3/8	50
PC60CN-8	1/2	50
PC60CN-10	5/8	25

Compression Fittings



NUT

Part No.	OD Tube	Pkg
PC61C-2	1/8	50
PC61C-3	3/16	50
PC61C-4	1/4	50
PC61C-5	5/16	50
PC61C-6	3/8	25
PC61C-7	7/16	15
PC61C-8	1/2	15
PC61C-10	5/8	15
PC61C-12	3/4	5
PC61C-14	7/8	5



NUT, LONG

Part No.	OD Tube	Pkg
PC61CL-2	1/8	10
PC61CL-3	3/16	15
PC61CL-4	1/4	25
PC61CL-5	5/16	15
PC61CL-6	3/8	15
PC61CL-8	1/2	10
PC61CL-10	5/8	10
PC61CL-12	3/4	5



TUBE SUPPORT

Part No.	OD Tube	Pkg
PC63C-2	1/8	100
PC63C-3	3/16	50
PC63C-4	1/4	100
PC63C-5	5/16	50
PC63C-6	3/8	50
PC63C-8	1/2	25
PC63C-10	5/8	10