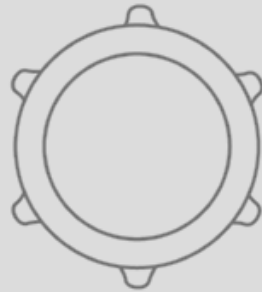


Conex Compression Range



Conex Compression ribnut profile

 **Conex | Bänninger**



MATERIAL	TUBE SPECIFICATION	SIZE ▶	6mm to 18mm	22mm	28mm to 54mm
COPPER	Hard/Half Hard	N° of turns	1 1/4	1	3/4
		Liner	none	none	none
	EN1057-R290	N° of turns	1	3/4	1/2
		Liner	none	none	none
COPPER	Soft	SIZE ▶	8mm	10mm	15mm
		N° of turns	1 1/4	1 1/4	1 1/4
	EN1057-R220	Liner: SC1	8 x 1.0	10 x 1.0	15 x 1.0
					18mm
STAINLESS STEEL	EN10312 Series 1+2 (BS4127)	SIZE ▶	6mm to 22mm	28mm	35mm to 54mm
		N° of turns	3/4	1/2	1/2*
		Liner	none	none	none
					67mm to 76.1mm
FLEXIBLE	PB POLYBUTYLENE	SIZE ▶	10mm	15mm	22mm
		N° of turns	1/2	1/2	1/2
		Liner	10 x 1.5/1.8	15 x 1.7/2.0	22 x 2.0/2.3
					28 x 2.6/2.9
	PE-X CROSS LINKED POLYETHYLENE	SIZE ▶	10mm	15mm	22mm
		N° of turns	1/2	1/2	1/2
		Liner	10 x 1.5/1.8	15 x 1.5/1.8	22 x 2.0/2.3
					28 x 2.6/2.9
MDPE MEDIUM DENSITY POLYETHYLENE	SIZE ▶	20mm	25mm	32mm	
	N° of turns	1/2	1/2	1/2	
	Liner: PY	20 x 2.3/2.6	25 x 2.3/2.6	32 x 3.0/3.4	

PLEASE CONSULT OUR TECHNICAL DEPARTMENT WHEN USING OTHER MATERIALS.
Liner to be specified by the tube manufacturer.

*Please refer to our Technical Department.

COMPRESSION ASSEMBLY INSTRUCTIONS:

Tools required:

Tube cutter, deburring tool, 2 flat-faced spanners.

Assembly

- Ensure the tube and fitting sizes are compatible.
- Cut the tube end square, and ensure it retains its shape.
- Deburr the tube, both inside and outside.
- Remove the capnut and compression ring from the fitting.
- Slide the capnut, and compression ring onto the tube.
- Join the fitting onto the tube end, and slide the compression ring, and capnut towards the fitting.
- Hand tighten the capnut.
- With suitable flat-faced spanners, tighten the joint to the recommended minimum number of turns.



Demounting

- Turn off water supply and drain system.
- Place a suitable receptacle under the joint to be dismounted.
- With suitable flat-faced spanners, undo the joint.
- Slide the capnut back from the captive compression ring.
- Pull the tube from the fitting socket, ensuring any excess water is collected in the receptacle.



Brass, DZR & Red Brass Compression Range



Conex Bänninger Compression fittings are especially advantageous in retrofit plumbing schemes, where space is confined and/or the use of heat must be avoided. They are available in 6-108mm and are suitable for connecting a wide range of tubes in accordance with EN 1057.

The unique ribbed capnuts are supplied in 15-28mm. Sizes 6-12 are hexagonal capnuts and the 35-54mm are supplied with octagonal capnuts. Fittings in 66.7-108mm incorporate loose compression plates, where tightening is through six 3/8" BSW nuts and all threads. PTFE tape is not required for the installation process.

Conex Bänninger Compression fittings are available in duplex brass and/or dezincification resistant (DZR) brass or as dezincification immune red brass. Fittings are also available in chrome plated in accordance with EN 248.

Conex Bänninger Compression Fittings are also compatible with low carbon steel, stainless steel and many types of plastic pipe including crossed linked polyethylene (PE-X) and polybutylene (PB) with size compatible outside diameters.

Applications & Technical Information

Drinking water	Y
Sanitary water	Y
Heating and chilled water systems	Y
Compressed air	Y
LPG and Natural Gas	Y
Available Sizes Water	6-15, 16-28, 35-54, 67-108 mm
Available Sizes Gas	8-28mm
Available Sizes Compressed air	8-28mm
Warranty	30 years
Operating Parameters Water	6-15, 25 bar @ 0 to 95°C 16-28, 16 bar @ 0 to 95°C 35-54, 13 bar @ 0 to 95°C 67-108, 10 bar @ 0 to 95°C
Operating Parameters Gas	8-28, 1 bar @ 30°C
Operating Parameters Compressed Air	8-28, 7 bar @ 30°C
Material	Brass, DZR

For more details contact our technical team.

BRASS | RED BRASS | DZR

302 S302

Male Straight Connector

Conex x Male Thread (Parallel) ISO 228

ITEM	SIZE	PACK
D011020302--	12 x 1/4"	10
D021020302--	12 x 3/8"	10
D031020302--	12 x 1/2"	10
E011020302--	15 x 1/4"	10
E021020302--	15 x 3/8"	10
E031020302--	15 x 1/2"	10 A
E041020302--	15 x 3/4"	10
F031020302--	18 x 1/2"	10
F041020302--	18 x 3/4"	10
G031020302--	22 x 1/2"	10
G041020302--	22 x 3/4"	10 A
G051020302--	22 x 1"	10 A
H051020302--	28 x 1"	10 A
H061020302--	28 x 1.1/4"	1
J061020302--	35 x 1.1/4"	1
K071020302--	42 x 1.1/2"	1
N081020302--	54 x 2"	1



*A range means fast moving products.

BRASS | RED BRASS | DZR

302 S302*

Male Straight Connector (cont)

Conex x Male Thread (Parallel)

ITEM	SIZE	PACK
A605020302--	6 x 1/8"	10
B015020302--	8 x 1/4"	10
B025020302--	8 x 3/8"	10
B035020302--	8 x 1/2"	10
C015020302--	10 x 1/4"	10
C025020302--	10 x 3/8"	10
C035020302--	10 x 1/2"	10
D025020302--	12 x 3/8"	10
D035020302--	12 x 1/2"	10
E025020302--	15 x 3/8"	10
E035020302--	15 x 1/2"	10 A
E045020302--	15 x 3/4"	10
F035020302--	18 x 1/2"	10
F045020302--	18 x 3/4"	10
G035020302--	22 x 1/2"	10
G045020302--	22 x 3/4"	10 A
G055020302--	22 x 1"	10 A
H055020302--	28 x 1"	10 A
H045020302--	28 x 3/4"	10
J055020302--	35 x 1"	1
J065020302--	35 x 1.1/4"	1
K075020302--	42 x 1.1/2"	1
N085020302--	54 x 2"	1
O092020302--	67 x 2.1/2"	1
R302020302--	76 x 3"	1
S402020302--	108 x 4"	1



*Note: All 302 fittings not to be used for gas application.

*A range means fast moving products.