>B< Press Range

Conex | Bänninger



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MATERIAL	TUBE SPECIFICATION		SIZE ▸	6mm to 18mm		22mm	28mm to 54mm		
COPPER	Hard/Half Hard	EN1057-R250	Nº of turns	11/4		1	3/4		
			Liner	none		none	none		
		EN1057-R290	Nº of turns	1		3/4	1/2		
			Liner	none		none	none	none	
COPPER	Soft	EN1057-R220	SIZE ▸	8mm		10mm	15mm	18mm	22mm
			Nº of turns	11/4		11/4	11/4	11/4	1
			Liner: SC1	8 x 1.0		10 x 1.0	15 x 1.0	18 x 1.0	22 x 1.0
STAINLESS STEEL	EN10312 Series 1+2 (BS4127)		SIZE ▸	6mm to 22mm		28mm	35mm to 54mm	67mm to 76.1mm	
			Nº of turns	3/4		1/2	1/2*	*	
			Liner	none		none	none	none	
FLEXIBLE	PB POLYBUTYLENE		SIZE ▸	10mm		15mm	22mm	28mm	
			Nº of turns	1½		1½	1½	1½	
			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	28mm	
			Nº of turns	1½		1½	1½	1½	
			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		
			Nº of turns	1½		1½	1½		
			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.

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Conex Bänninger >B< Press fittings are user friendly and very quick to install, leading to savings on labour costs. It also offers the advantage of a flame free installation, therefore posing no fire risk. >B< Press is a versatile press fitting system for use with hard, half-hard and soft copper tube, providing a secure, long-life, leak-proof joint. Available in Copper and Red Brass and suitable for use with copper tube to EN 1057.

Leak before press feature

Conex Bänninger has developed a unique leak before press feature, a specially designed O-ring. It has a reduced section in two positions causing leaks at low pressures when not pressed (from 0.1 to 5.0 bar). When the fitting is pressed, the O-ring material compresses, filling the gaps, securing a leak-free path. Therefore there is no need to go to full test pressure to check that all fittings have been pressed. This >B< Press feature is available in fittings sized 12-54mm and suitable for hot and cold water applications.

Applications & Technical Information	
Drinking water	Y
Sanitary water	Y
Heating and chilled water systems	Y
Compressed Air (Oil Free)	Y
Available Sizes	15mm to 54mm
Available Sizes	67mm to 108mm
Warranty	5 years, 10 years with B press tube
Material	Copper and Red Brass EPDM O-ring
Max Hydrostatic Pressure	16 bar
Max Temperature Ranges	-35°C to 110°C
Profile(s)	>B< Profile 15-54mm M Profile 67 - 108mm

For more details contact our technical team.

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>B< PRESS ASSEMBLY INSTRUCTIONS:

Tools required:

Tube cutter, deburring tool, press machine, press jaws.

Assembly

- Ensure the tube and fitting sizes are compatible.
- Cut the tube end square, and ensure it retains its shape.
- Deburr the inside, and outside of the tube.
- Mark the tube to the correct tube stop depth as a visual aid.
- Check O-rings are present in the fitting.
- Insert the tube into the fitting, passed the O-ring, until it meets the tube stop and the mark on the tube is still visible.
- Insert the >B< profile Jaw with the correct profile and size into the >B< Press Tool.
- Open the press jaw, and align with the O-ring bead, allow the jaw to close.
- Operate the press machine to press the fitting.
- The machine will stop at the end of its pressing cycle.
- Open the jaw, and remove from the fitting.
- Make sure all joints have been pressed.
- If the joint(s) is (are) not pressed, when pressure tested they will leak profusely.



Demounting

- This fitting system is not demountable.

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P21 45° Obtuse Elbow

Copper x Copper



ITEM	SIZE	PACK
P5041 01500000	15mm	10
P5041 02200000	22mm	10
P5041 02800000	28mm	5
P5041 03500000	35mm	5
P5041 04200000	42mm	5
P5041 05400000	54mm	1
P4041 06700000	67mm	1
P4041 07600000	76mm	1
P4041 08900000	89mm	1
P4041 10800000	108mm	1

P21S 45° Obtuse Street Elbow

Copper x Male Copper



ITEM	SIZE	PACK
P5040 01500000	15mm	10
P5040 02200000	22mm	10
P5040 02800000	28mm	5
P5040 03500000	35mm	5
P5040 04200000	42mm	5
P5040 05400000	54mm	1
P4040 06700000	67mm	1
P4040 07600000	76mm	1
P4040 08900000	89mm	1
P4040 10800000	108mm	1

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P24 Tee - Equal

Copper All Ends



ITEM	SIZE	PACK
P5130 01515015	15mm	10
P5130 02222022	22mm	10
P5130 02828028	28mm	5
P5130 03535035	35mm	1
P5130 04242042	42mm	1
P5130 05454054	54mm	1
P4130 06767067	67mm	1
P4130 07676076	76mm	1
P4130 08989089	89mm	1
P4130 108108108	108mm	1