

Conex | Bänninger

>B< Press

>B< Press XL



 >B< Press

The quick and easy-to-use  
press fitting.

(12 to 108 mm)

Conex Bänninger specialises in providing fittings, valves and accessories across the globe by offering innovative and versatile solutions. Since 1909, Conex Bänninger has produced over 22 billion fittings and valves and has built its reputation for quality European manufacturing, backed by first-class customer service and unrivalled expertise. Press technology within Conex Bänninger originally dates back to 1983 and is now a leading jointing system.



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>B< Press and >B< Press XL are quick and easy-to-use, ensuring you'll be delivering the job on time. With one press, you have a permanent, leak-proof connection that you can fit and forget.

No hot works permit, no special heavy equipment and a range that will cover every application.

## Operating parameters

Maximum operating pressure: 16 bar up to 110 °C.

Test pressure: 1.5 x system operating pressure to a maximum of 24 bar.

\* For full details please refer to [www.conexbanninger.com](http://www.conexbanninger.com).

## Applications

- Drinking water.
- Hot water heaters.
- Local and heating district.
- Rainwater.
- Compressed air (air classes 1-3).
- Industrial and processing water.
- Vacuum piping.
- Shipbuilding, PH 6.5 < 9.5.

For full details please refer to [www.conexbanninger.com](http://www.conexbanninger.com) or the technical brochure.

For applications outside of the above operating parameters please contact [technical@ibpgroup.com](mailto:technical@ibpgroup.com).

## Features and benefits

- Suitable for potable water, central heating, chilled water, compressed air, non-medical gases and vacuum.
- Quick and easy to install, saving on labour time.
- Permanent, flame-free connection - no hot works permit required.
- Suitable for use with hard, half-hard and soft copper tubes to EN 1057.
- Leak before press indicator assists identification of unpressed joints (0.1 to 6.0 bar).
- Manufactured using high quality materials to applicable standards.
- Tested and approved by national and international standard authorities.
- Maximum operating pressure 16 bar.
- Twenty five year product guarantee.\*
- Maximum operating temperature 110 °C.
- 3-point press safety feature for added security. (12 to 54 mm only).
- >B< Press XL (64 to 108 mm) has a stainless grip ring.
- No soldering or brazing consumables required.
- Compatible with commonly available press tools.\*
- Suitable for in built water installations.
- >B< Press XL flanges comply to EN 1092-1.

\* For full details please refer to [www.conexbanninger.com](http://www.conexbanninger.com)

## Tools

The >B< Press and >B< Press XL systems are compatible with the most commonly available hydraulic electro-mechanical press tools and jaws on the market, as per our approved list (see [www.conexbanninger.com](http://www.conexbanninger.com)).

## International certifications

>B< Press 12 to 54 mm	
Belgium	ATG
Czech Republic	SZU
France	ACS
France	CSTB
Germany	DVGW
Germany	DNV
Hungary	ANTSZ
Hungary	EMI
Marine	Lloyd's Register
Marine	Bureau Veritas
Netherlands	KIWA
Poland	ITB
Poland	PZH
Russia	PCT
Slovenia	Institut za varilstvo
Switzerland	SVGW
Sweden	KIWA SE
Ukraine	TYSK
United Kingdom	BSI Kitemark
United Kingdom	WRAS
>B< Press XL 64 to 108 mm	
Germany	DVGW
United Kingdom	BSI Kitemark
United Kingdom	WRAS

## Twenty five year product guarantee

When professionally installed, used and maintained in accordance with the installation and maintenance instructions detailed in the >B< Press and >B< Press XL technical brochure, >B< Press and >B< Press XL are covered by a twenty five (25) year product guarantee.

For full terms and conditions visit [www.conexbanninger.com](http://www.conexbanninger.com).





Conex Bänninger has an established history in press-fit solutions.

The fitting is exceptionally **easy-to-use**, making it **faster-to-fit** than traditional fittings, and often the fitting of choice for commercial contracts. You can have absolute confidence in its secure **3-point press** joint, and the **leak before press indicator** feature which helps you to identify unpressed joints.

## >B< Press technology 12 to 54 mm

>B< Press benefits from a 3-point press; one on each side of the bead, and one press point compressing the O-ring. This provides a permanent and secure joint.



1. Unpressed



2. Pressing

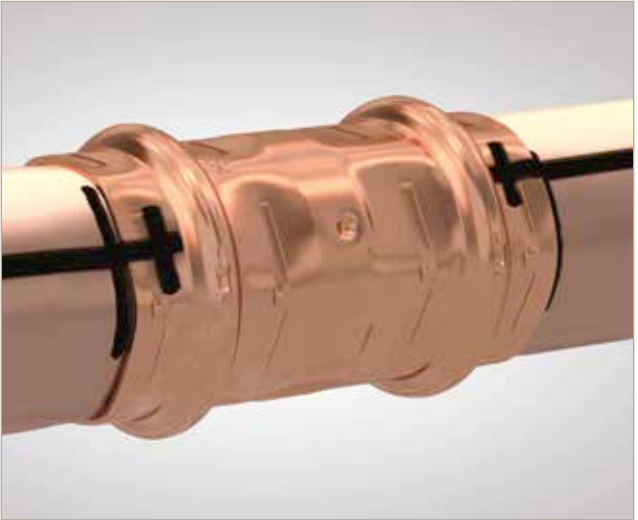


3. Pressed

## Tools and jaws

>B< Press fittings are installed using a press tool with a compatible press jaw. Jaws are sized to match the fitting required. When force is exerted through the press tool the jaw closes to make a permanent joint.

Please refer to the technical brochure or [www.conexbanninger.com](http://www.conexbanninger.com) for the approved list of press machines and jaws.



>B< Press pressed joint profile

## Leak before press indicator

>B< Press benefits from patented 'leak before press' O-ring technology (12 to 54 mm) which indicates if a joint has not been pressed. The O-ring contains two in-built water pathways that allows water to pass through and create a noticeable leak when the system is tested at low pressure (0.1 to 6.0 bar).


















Patented  
>B< Press O-ring

## Product range - 12 to 54 mm

<p><b>P4001G</b> 90° Bend with Male Thread (ISO 228)</p> 	<p><b>P4090G</b> 90° Elbow with Female Thread (ISO 228)</p> 	<p><b>P4093G</b> Wall Plate Elbowtank Connector (ISO 228)</p> 
<p>From: 12 mm To: 54 mm</p>	<p>From: 12 mm To: 54 mm</p>	<p>From: 15 mm x 1/2" x 25 To: 15 mm x 1/2" x 35</p>
<p><b>P4096G</b> Female Bent Union</p> 	<p><b>P4130G</b> Tee with Female Threaded Branch (ISO 7-1)</p> 	<p><b>P4132G</b> Male branch Tee (ISO 7)</p> 
<p>From: 12 mm x 1/2" To: 54 mm x 2"</p>	<p>From: 15 mm To: 54 mm</p>	<p>From: 15 x 1/2" x 15 mm To: 54 x 1 1/4" x 54 mm</p>
<p><b>P4243G</b> Male Straight Connector (ISO 7-1)</p> 	<p><b>P4244G</b> Straight tank connector</p> 	<p><b>P4270G</b> Female Straight Connector (ISO 7-1)</p> 
<p>From: 12 mm To: 54 mm</p>	<p>From: 15 mm x 1/2" x 30 To: 15 mm x 1/2" x 30</p>	<p>From: 12 mm To: 54 mm</p>
<p><b>P4275</b> Slip Coupler Long</p> 	<p><b>P4280G</b> Male Adaptor (ISO 7-1)</p> 	<p><b>P4281G</b> Female Adaptor (ISO 7-1)</p> 
<p>From: 12 mm To: 54 mm</p>	<p>From: 12 mm x 1/2" To: 54 mm x 2"</p>	<p>From: 12 mm x 1/2" To: 54 mm x 2"</p>
<p><b>P4330</b> Union</p> 	<p><b>P4330G</b> Female Straight Union Connector (ISO 7-1)</p> 	<p><b>P4331G</b> Male Straight Union Connector (ISO 7-1)</p> 
<p>From: 12 mm To: 54 mm</p>	<p>From: 12 mm To: 54 mm</p>	<p>From: 12 mm x 3/8" To: 54 mm x 2"</p>
<p><b>P4355</b> Flat Face Connector (ISO 228)</p> 	<p><b>P4471G</b> Wall Plate Elbow</p> 	<p><b>P5001</b> 90° Street Bend</p> 
<p>From: 12 mm x 3/8" To: 54 mm x 2 3/8"</p>	<p>From: 12 mm x 1/2" To: 22mm x 3/4"</p>	<p>From: 12 mm To: 54 mm</p>
<p><b>P5002</b> 90° Bend</p> 	<p><b>P5002L</b> 90° Long Bend</p> 	<p><b>P5040</b> 45° Obtuse Street Elbow</p> 
<p>From: 12 mm To: 54 mm</p>	<p>From: 15 mm To: 28 mm</p>	<p>From: 12 mm To: 54 mm</p>



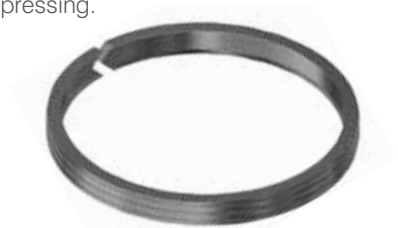
<b>P5041</b> 45° Obtuse Elbow	<b>P5060</b> Return Bend	<b>P5085</b> Crossover
		
From: 12 mm To: 54 mm	22 mm	From: 15 mm To: 22 mm
<b>P5086</b> 45° Crossover Street Coupler	<b>P5130</b> Tee - Equal	<b>P5130RB</b> Tee - Reduced Branch
		
From: 12 mm To: 22 mm	From: 12 mm To: 54 mm	From: 12 mm To: 54 mm
<b>P5130REB</b> Tee - Reduced End and Branch	<b>P5130RE</b> Tee - Reduced End	<b>P5130RBE</b> Tee - Reduced Both Ends
		
From: 15 x 12 x 12 mm To: 54 x 42 x 42 mm	From: 15 x 15 x 12 mm To: 28 x 28 x 15 mm	From: 12 x 15 x 12 mm To: 22 x 28 x 15 mm
<b>P5240</b> Reduced Straight Coupler	<b>P5243</b> Fitting Reducer	<b>P5270</b> Straight Coupler
		
From: 14 x 12 mm To: 54 x 42 mm	From: 12 mm To: 54 mm	From: 12 mm To: 54 mm
<b>P5270S</b> Slip Coupler	<b>P5290</b> Male Stop End	<b>P5301</b> Stop End
		
From: 12 mm To: 54 mm	From: 12 mm To: 54 mm	From: 12 mm To: 54 mm
<b>MPABPSOIL100ML</b> Fitting Lubricant		
		
100 ml		

For further details on our full range please visit: [www.conexbanninger.com](http://www.conexbanninger.com) or refer to the technical brochure.

>B< Press XL fittings (64 to 108 mm) are quick and **easy-to-use** and are available in copper. This **flame-free** range features a **leak before press indicator** to ensure a secure, permanent leak-free joint that is suitable for multiple applications.

## Stainless steel grip ring

Full circumference grip ring ensures all round equal grip on the tube and an even seal compression between tube and fitting after pressing.



## Seal design

Triple point seal on the pressed fitting body counters any pressing distortion and gives greater seal contact area on the tube. The seal is self setting to ensure correct functionality. Seal security and longevity is increased as a result.



Fitting section



Triple point seal

## Leak before press indicator

>B< Press XL (64 to 108 mm) also features an in-built 'leak before press' function for un-pressed joints. With a larger internal fitting diameter, water passes through and creates a leak path when the system is tested at low pressure (0.1 to 6.0 bar).

## Product range - 64 to 108 mm

<p><b>P5001</b> 90° Street Bend</p>	<p><b>P5002</b> 90° Bend</p>	<p><b>P5040</b> 45° Obtuse Street Elbow</p>
		
<p>From: 64 mm To: 108 mm</p>	<p>From: 64 mm To: 108 mm</p>	<p>From: 64 mm To: 108 mm</p>
<p><b>P5041</b> 45° Obtuse Elbow</p>	<p><b>P5130</b> Tee - Equal</p>	<p><b>P5130G</b> Tee with Female Threaded Branch</p>
		
<p>From: 64 mm To: 108 mm</p>	<p>From: 64 mm To: 108 mm</p>	<p>From: 64 mm x 3/4" x 64 mm To: 108 mm x 3/4" x 108 mm</p>
<p><b>P5130RB</b> Tee - Reduced Branch</p>	<p><b>P5230B</b> PN16 Flange</p>	<p><b>P5243</b> Fitting Reducer</p>
		
<p>From: 64 x 35 x 64 mm To: 108 x 89 x 108 mm</p>	<p>From: 64 mm To: 108 mm</p>	<p>From: 64 x 35 mm To: 108 x 89 mm</p>
<p><b>P5243G</b> Male Threaded Straight Connector</p>	<p><b>P5270</b> Straight Connector</p>	<p><b>P5270G</b> Threaded Female Straight Connector</p>
		
<p>From: 64 mm x 2 1/2" To: 108 mm x 4"</p>	<p>From: 64 mm To: 108 mm</p>	<p>From: 64 mm x 2 1/2" To: 108 mm x 4"</p>
<p><b>P5275</b> Repair Coupling</p>	<p><b>P5301</b> Stop End</p>	
		
<p>From: 64 mm To: 108 mm</p>	<p>From: 64 mm To: 108 mm</p>	

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