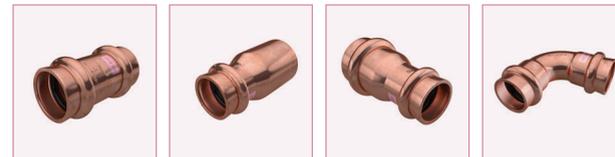


Refrigeration



Straight Coupler
1/4" to 1 1/8"
Fitting Reducer
3/8" x 1/4" to 1 1/8" x 7/8"
Reducing Coupler
1/2" x 3/8" to 1 1/8" x 7/8"
90° Bend
1/4" to 1 1/8"



90° Street Bend
3/8" to 1 1/8"
45° Obtuse Elbow
1/4" to 1 1/8"
Equal Tee
1/4" to 1 1/8"
Stop End
1/4" to 1 1/8"



Depth Gauge & Pen

Conex Bänninger

The >B< MaxiPro range is brought to you by Conex Bänninger, a specialist in providing high quality fittings, valves and accessories across the globe. Since 1909, Conex Bänninger has produced over 10 billion fittings and valves, and our innovative approach has led to some landmark achievements in product design.

Conex Bänninger carries a heritage of product knowledge, expertise and excellence that is trusted across residential, commercial, industrial, air conditioning and refrigeration markets worldwide. Conex Bänninger is an ISO 9001 quality assured company, that ensures you receive the very best in quality.

Conex Universal Limited.

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 Tel: +44 (0)121 521 2921 | Fax: +44 (0)121 520 8778
 Email: international@ibpgroup.com | Website: www.conexbanninger.com

Conex Bänninger products are approved by numerous Standards Authorities and Certification Bodies. This is a representation of the full range from Conex Universal Ltd. IBP trademarks are registered in numerous countries.

Note:

For the latest updates and information about >B< MaxiPro visit www.conexbanninger.com/bmaxipro.



An innovative press system, which is quick and simple to install, providing a secure and permanent joint. Designed for air conditioning and refrigeration applications.

Benefiting from over 100 years' experience in fittings manufacture and over two decades experience in press system design, >B< MaxiPro is set to revolutionize pipe jointing in air conditioning and refrigeration applications.

>B< MaxiPro is a robust press system, which is quick and simple to use providing a secure and permanent joint. Compared with traditional techniques it significantly improves productivity through greatly reduced installation time and enhanced working flexibility.

>B< MaxiPro can be used with hard, half hard or annealed copper tube conforming to ASTM-B280 or ASTM-B88 type K or L*, in both air conditioning and refrigeration applications and is approved for use with the following refrigerants: R-1234yf**, R-1234ze**, R-125, R-134a, R-290**, R-32**, R-404A, R-407A, R-407C, R-407F, R-407H, R-410A, R-417A, R-421A, R-422B, R-422D, R-427A, R-438A, R-444A**, R-447A**, R-447B**, R-448A, R-449A, R-450A, R-452A, R-452B**, R-452C, R-454A**, R-454B**, R-454C**, R-457A**, R-459A**, R-507A, R-513A, R-513B, R-600A** and R-718.

* For full details please refer to >B< MaxiPro Technical Brochure - Tube Compatibility Table

** When using refrigerants classified A2L (lower flammability), A2 (flammable) and A3 (higher flammability) ensure that all appropriate standards, local rules and regulations, codes of practice and by-laws are adhered to.

Features:

- >B< MaxiPro benefits from a 3-point press – one press point each side of the bead, and one press point compressing the O-ring. This provides a permanent and secure joint.
- Lead-in edge design aids installation and helps protect the O-ring from damage or displacement.
- >B< MaxiPro fittings for air-conditioning and refrigeration applications are identified with pink marks on the fitting.
- >B< MaxiPro system is quick, simple and easy to use.
- Backed by experienced technical support, customer service teams and training.

Benefits:

- Reliable, repeatable, permanent, tamper-proof connections every time.
- Reduced installation time, lower overall cost.
- Intrinsically safe – no fire hazard, dangerous materials or fumes.
- UL Listed. Refrigerant fitting SA44668.
- UL Listed: Approved use for Field and Factory installations.
- >B< MaxiPro is covered by a 5 year limited warranty. Please refer to the >B< MaxiPro warranty document available on the Conex Bänninger website, (www.conexbanninger.com).

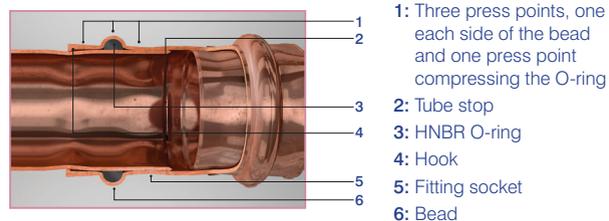
Installation:

- Flame free installation avoids the need for a fire permit and the risk of fire on site.
- Work may be completed during working hours / public access, by a single employee.
- Easier access to work sites, no large gas bottles.
- >B< MaxiPro is a mechanical joint, thus eliminating the need for nitrogen purge during the jointing process.
- Tooling provides easy access to tightly spaced pipe runs.
- Field proven press fit technology, over two decades and millions of installations worldwide.
- Conex Bänninger recommends using the tried and tested ROTHENBERGER tooling.

>B< MaxiPro technology:

3 - Point Press:

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



In tests, press fittings are up to three times faster to install than brazing.



Five-Year Limited Warranty:

When professionally installed by a certified >B< MaxiPro installer, used and maintained in accordance with the instructions detailed in the >B< MaxiPro technical manual (available on the Conex Bänninger website, www.conexbanninger.com) Conex Universal Ltd. Warrants that the >B< MaxiPro fittings will be free of material defect resulting from errors in manufacture, for five years from the date of first purchase by an end user. **there are no warranties which extend beyond this description, except for any requirements that are legally mandated in the jurisdiction of the first end user's premises. this warranty is limited to the repair or replacement of materially defective product(s) at the sole discretion of conex universal ltd.** Any claimed defect(s) must be reported to Conex Universal Ltd. within one month of the first occurrence of any such claimed defect, clearly setting out the nature of the claim and the circumstances surrounding it. Conex Universal Ltd. Reserves the right to inspect and test claimed defective fittings before deciding whether to repair or replace a product claimed to be defective. For full details on the >B< MaxiPro warranty that applies, please refer to the >B< MaxiPro warranty document available on www.conexbanninger.com.

Technical Data	
Parameters	Capability
Applications	Air conditioning and refrigeration
Connections	Copper to copper
Approved tube*: Copper tube conforming to	ASTM-B280 or ASTM-B88 type K or L
Fitting / Tube range (inches)	1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1 1/8"
Fitting Material	Refrigerant grade copper (C12200 min 99.9% pure)
O-ring	HNBR
Approved oils	POE, PAO, PVE, AB and MO
Maximum operating pressure	700 psi at 250°F (48 bar, 4800 kPa at 121°C)
Burst pressure >3 x maximum operating and abnormal pressure	> 2100 psi / > 14400kPa / > 144 bar
Leak Tightness	Helium $\leq 7.5 \times 10^{-7}$ Pa.m ³ /s at +20°C, 10 bar
Vacuum	200 microns
Temperature range	-40°F to 284°F (-40°C to 140°C)
UL listing continuous operating temperature	-40°F to 250°F / -40°C to 121°C
Compatible refrigerants	R-1234yf**, R-1234ze**, R-125, R-134a, R-290**, R-32**, R-404A, R-407A, R-407C, R-407F, R-407H, R-410A, R-417A, R-421A, R-422B, R-422D, R-427A, R-438A, R-444A**, R-447A**, R-447B**, R-448A, R-449A, R-450A, R-452A, R-452B**, R-452C, R-454A**, R-454B**, R-454C**, R-457A**, R-459A**, R-507A, R-513A, R-513B, R-600A** and R-718.
Approvals, standards and code compliance	UL Listed. Refrigerant fitting SA44668. UL 109 - 7 Pull Test, compliant. UL 109 - 8 Vibration Test, compliant. UL 1963 - 79 Tests of Gaskets and Seals Used in Refrigerant Systems, compliant. ISO 5149-2:2014, compliant. ISO 14903, Tightness Test, compliant. ISO 14903 - Temperature, pressure cycling and vibration test, compliant. ISO 14903 - Freeze / thaw test, compliant. ASTM G85, Modified Salt Spray (Fog) Test, compliant. ASHRAE 15 - 2016 Safety Standard for Refrigeration Systems, compliant. B31.5 - 2016 Refrigeration Piping and Heat Transfer Components, compliant. 2018 International Mechanical Code (IMC), certified, ICC-ES, PMG-1440. 2018 International Residential Code (IRC), certified, ICC-ES, PMG-1440. 2015 Uniform Mechanical Code (UMC), certified, ICC-ES, PMG-1440.

* Please refer to >B< MaxiPro Technical Brochure - Tube Compatibility Table.
 ** When using refrigerants classified A2L (lower flammability), A2 (flammable) and A3 (higher flammability) ensure that all appropriate standards, local rules and regulations, codes of practice and by-laws are adhered to.

Press tools and jaws:

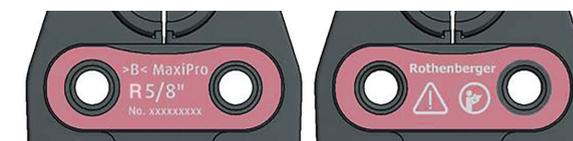
Conex Bänninger recommends the use of ROTHENBERGER press tools and jaws.

Application sizes: 1/4" to 1-1/8" >B< MaxiPro fittings.

Specification ROTHENBERGER ROMAX® 4000:

Battery voltage – 18.0 V
Battery capacity – 4.0 Ah / 2 Ah
Rated power consumption – 540 Watts
Max piston force – 7,193 lbf
Pressing time – 5 secs (nominal)
Dimensions (L x W x H) – 17 3/4" x 5" x 3 1/4"
Weight (less jaws) – 8.0 lb
Working range (system dependent) 1/4" - 4"

Note: When using the tool, wear ear and eye protection.



>B< MaxiPro jaws are readily identified by their pink coloured label, logo and jaw size.

Regular care and cleaning of the jaws can be completed by the user. Prior to use check the press jaws are free of damage or deformation and the inner pressing contour is free of dirt or debris.