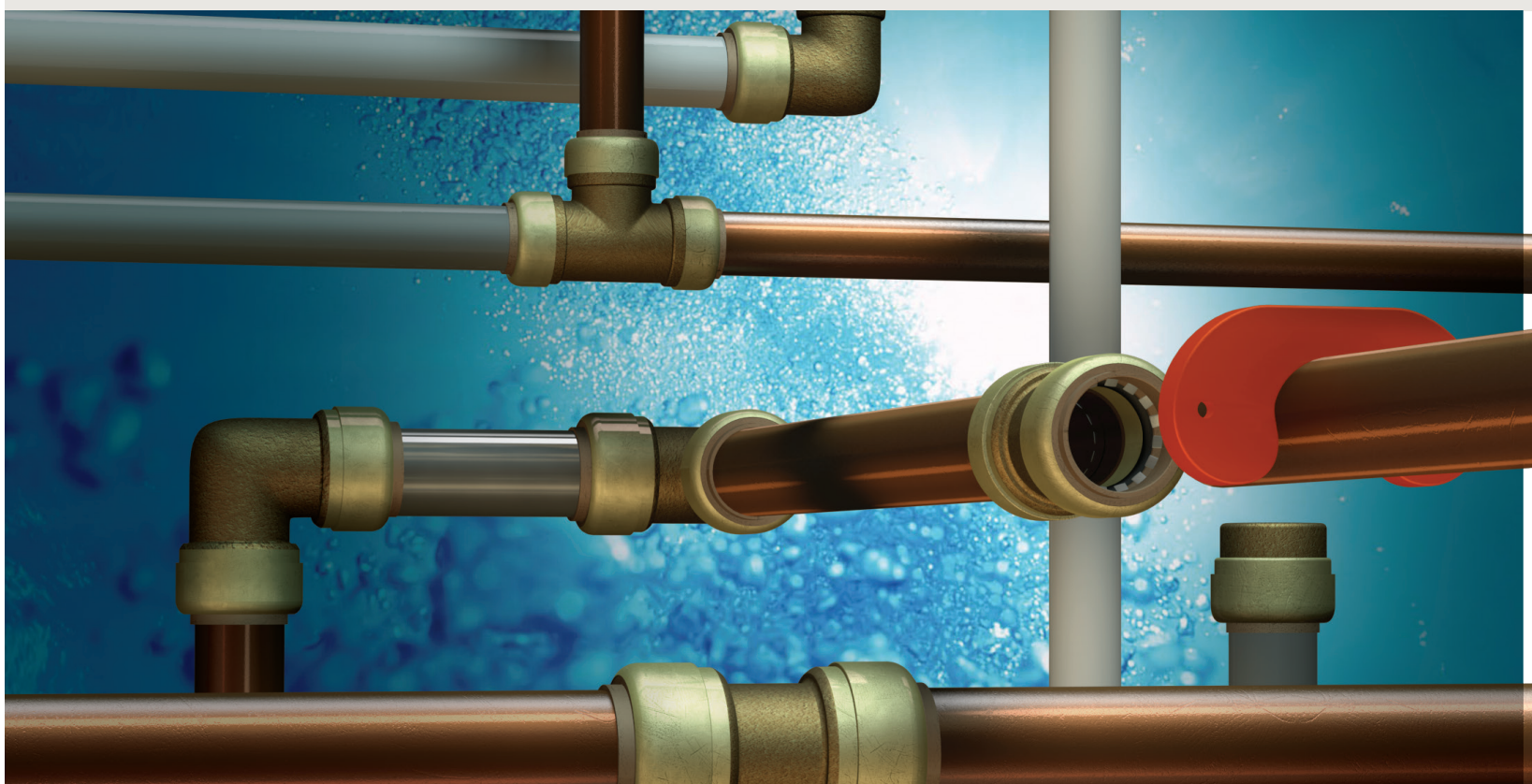




 >B< Push Technical Brochure

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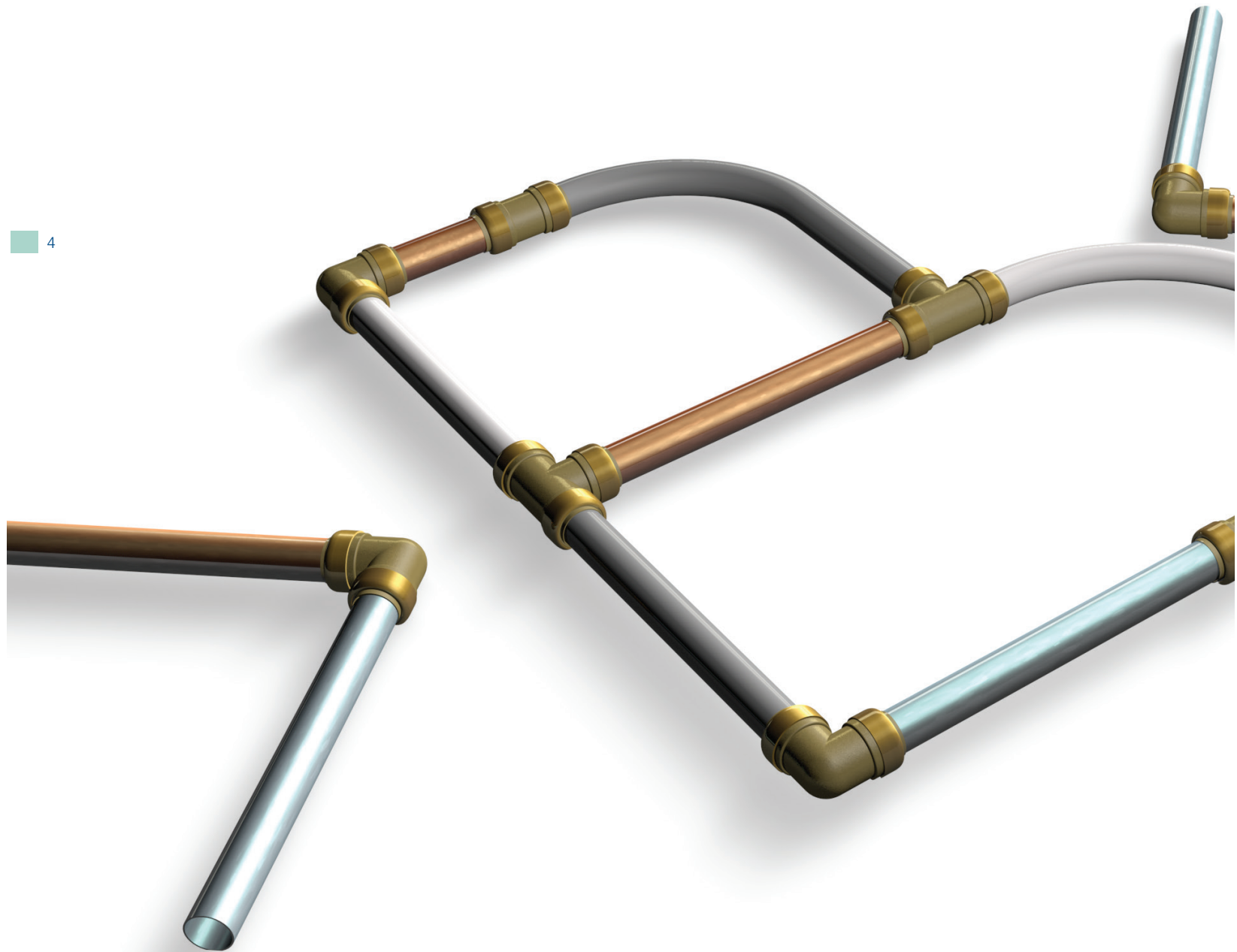


Abbreviation Key

EPDM	Ethylene Propylene Diene Monomer	ISO 9001	ISO Quality Management systems
DZR	Dezincification Resistance	COSHH 4 REG 1988	Control of Substances Hazardous to Health
WRAS	Water Regulations Advisory Scheme	BS 7291	British Standards, Thermoplastics pipe, hot and cold water systems
EN 1254-6	European Standard for Plumbing fittings with Push-fit ends	PB	Polybutylene
EN 1254-4	European Standard for Plumbing fittings combining other end connections	PE-X	Cross-linked polyethylene
ISO 7 and ISO 228	Fitting threads	EN 15875	European Standards for PE-X pipe
		EN 15876	European Standards for PB pipe



Connecting multiple tubes. **Quick and easy.**



4



PUSH

5



Professional and secure joint



Quick and easy to install



Demountable



Reusable and recyclable



Fully rotatable



Low-lead DZR material

Key Benefits

One fitting, many tubes

>B< Push is a professional, universal cold jointing solution for a wide selection of tubes including copper, PB, PE-X and carbon steel. Instead of carrying a variety of fittings for a range of applications, using >B< Push saves on inventory costs.

Fast and convenient to install

>B< Push is fast and convenient to install as it takes just seconds to create a secure joint. Once connected, >B< Push remains firm but not fixed, so it can be easily turned to align gauges and valves.

Slimline shape, heavyweight performance

Patented for its unique features, >B< Push's slimline design makes it ideal for tight corners, and with its aesthetically pleasing looks, is ideal for exposed pipework.

Simple and reusable

>B< Push is designed with a high quality EPDM O-ring, and a stainless steel grab ring. The plastic sleeve ensures that the tube is guided correctly into the fitting body.

>B< Push offers tremendous strength and durability. It is simple to install and has a professional demounting tool allowing the fitting to be reused if required.

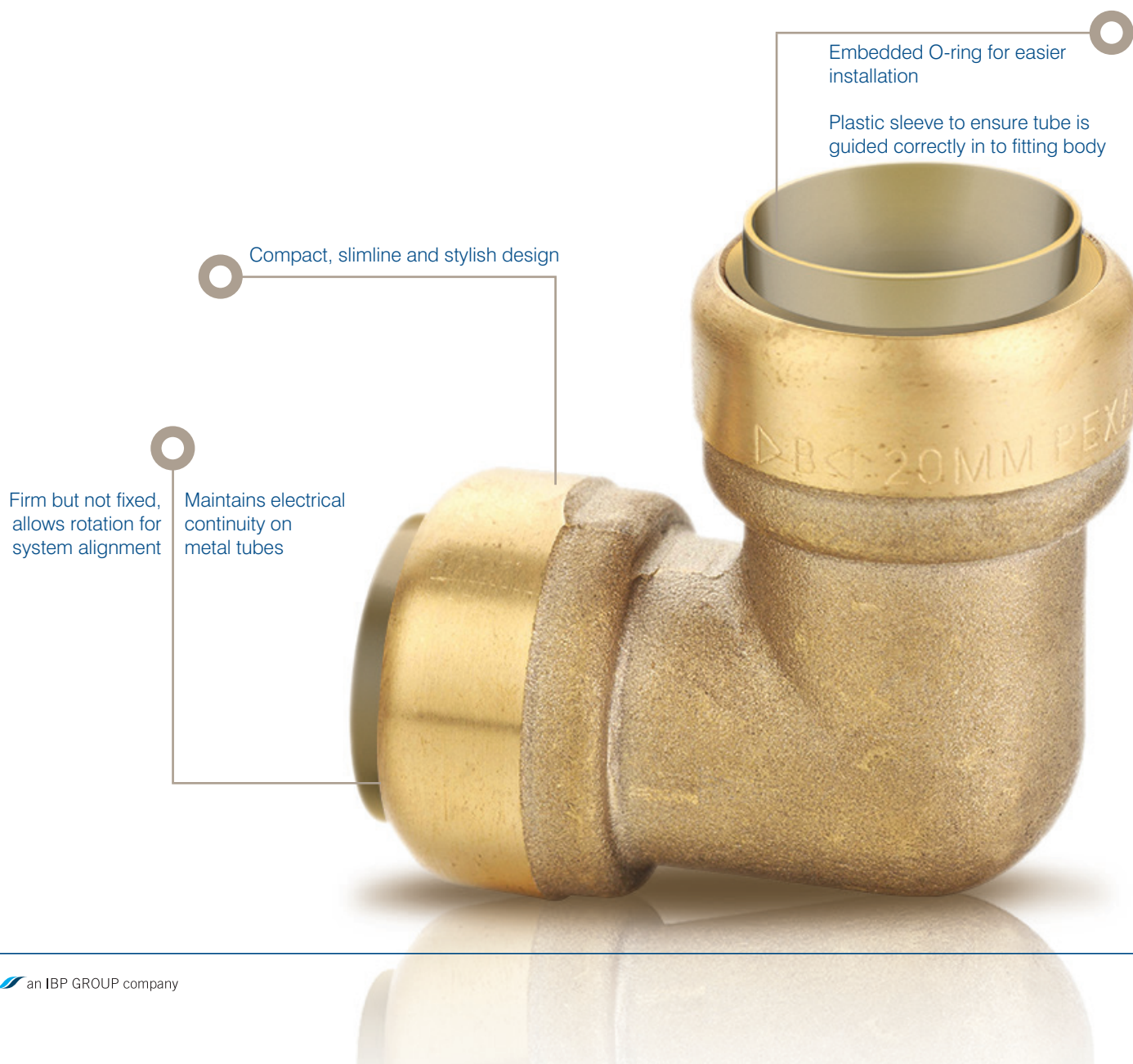
Electrical continuity

The >B< Push design ensures that electrical continuity is maintained throughout metallic tube joints, so earth bonding is not required. Not applicable when used with plastic pipe.

Low lead content

>B< Push is made from a low lead brass with a high resistance to dezincification (DZR).

6



Tube Compatibility

One fitting fits all
 >B< Push is a universal fitting that can be used with many different tube types, therefore reducing the inventory costs of professional plumbers. It is ideal for use in retrofit plumbing situations where space is confined, or when flame based applications must be avoided.

Copper
 >B< Push fittings will join size-compatible copper tubes that are manufactured in accordance with EN 1057. R220 (annealed) temper tube must be re-calibrated in accordance with EN 1057 tolerances.

PE-X
 >B< Push fittings will join size-compatible PE-X tubes that are manufactured in accordance with BS 7291-3 or EN 15875 (except class A-6.3).

PB
 >B< Push fittings will join size-compatible PB tubes that are manufactured in accordance with BS 7291-2 or EN 15876.

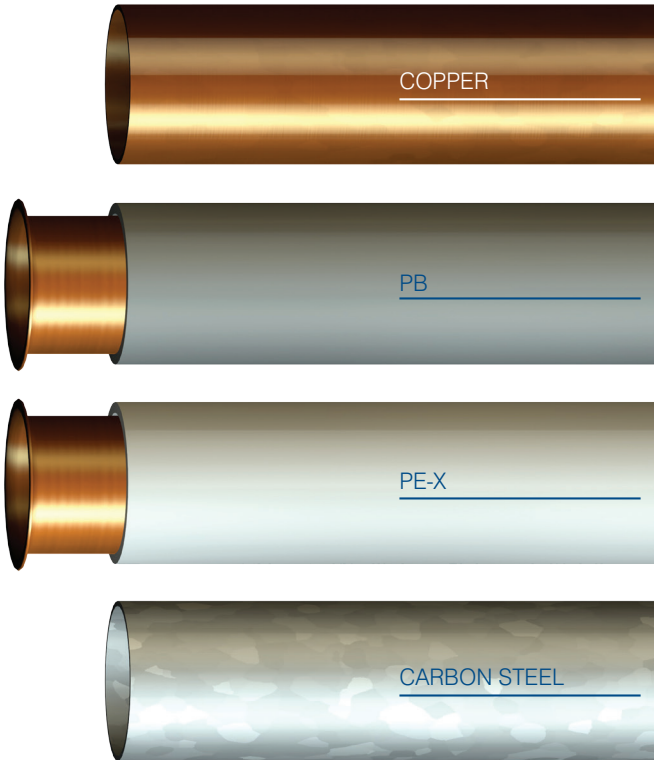
Carbon steel
 >B< Push fittings will join size-compatible carbon steel tubes that are manufactured in accordance with EN 10305.

Temperature and Pressure Compatibility

Temperature range
 >B< Push fittings conforms to normal operating parameters for metallic tubes: Working temperatures between ambient to 95°C In low temperature conditions measures should be taken to avoid freezing such as insulation or additive in cooling systems.

Maximum Pressure range	
°C	Bar
30	16
Up to 65	10
95	6

***Note:** Intermediate pressure ratings are determined by linear interpolation. To allow for system malfunctions, it is essential that fittings are capable of temporary excursions up to a temperature of 110 °C at a pressure of 6 bar.*

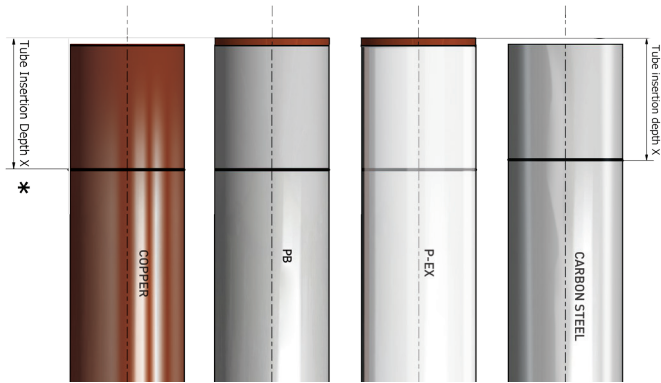


Installation Guide

The following information offers guidance and advice for installing a pipework system using >B< Push fittings. Please read all instructions and advice before installing.

- i. It is recommended that where reference is made to other manufacturers' materials, the appropriate manufacturer is consulted to ensure that the data is current and correct.
- ii. To ensure that there is no contamination to the O-ring it is recommended that the fittings remain in the packaging until fitted.
- iii. No soldering or brazing installation should be done in close proximity to a fitted >B< Push fitting. Similarly where heat has previously been applied to tube, wait until cool and flushed to remove any debris/flux residues, before fitting.
- iv. >B< Push fittings cannot be installed within 1 metre of a boiler in heating applications to copper tube or 1 metre of applied external heat. **Caution:** In the case of using heat or flame based devices >B<Push fittings must be removed at all times in close proximity if heat or flame based device is applied.
- v. Do not insert fingers into the fitting.
- vi. Not to be used on gas applications.

Table A: Depth Mark	
Fitting Size	Depth Mark Measurement
12mm	22mm
15mm	23mm
16mm	24mm
18mm	25mm
20mm	27mm
22mm	27mm
25mm	27mm
28mm	30mm



* Depth mark measurement for plastic tubes to include the head of the insert as shown.
N.B. Measurements for Metal Tubes are taken from end of tube.
When tube is inserted the marking on the tube should be outside of fitting.

Joining Copper and Carbon steel with >B<Push

It is important that good tube preparation is adhered to, to ensure that there is no damage to the O-ring and to make a secure joint.

Ensure that the fitting is the right size for the tube.

- Using a suitable tube cutter, (diagram a) cut the tube end squarely. Ensure tube end is round and free from any damage. A specific carbon steel tube cutter must be used when cutting carbon tube. Please refer to the Conex website for full guidance details.
- To prevent damage to the O-ring, it is essential that all burrs are removed and the outside diameter of the tube is correctly chamfered (diagram b).

Note: It is necessary to ensure that a full circumferential chamfer is applied.

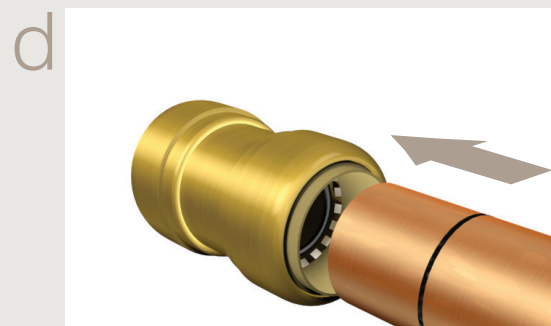
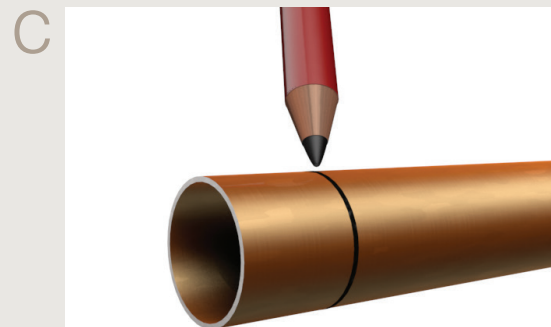
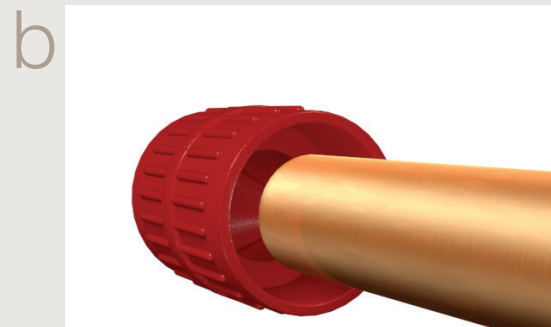
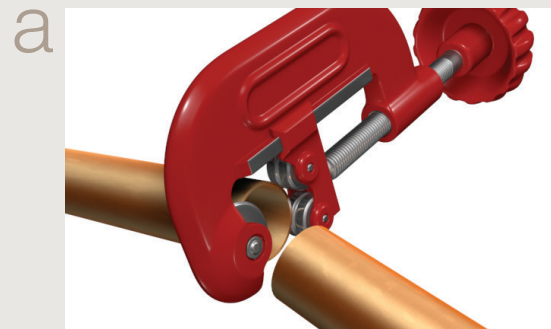
- Using a marker, mark the tube stop depth on the tube, which is required to make the joint (diagram c). This provides visual evidence that the tube has been fully inserted. Note: Do not score the tube (See table A for depth marks).
- Without applying any force, locate the tube end squarely within the mouth of the socket, touching the grip ring. Then push the tube firmly into the fitting, passed the O-ring and right up to the tube stop (diagram d). Note: A slight twisting action of the tube or the fitting often facilitates installation. Once the tube is fully inserted, pull the tube back from the joint to ensure that the grip ring is securely engaged.

Notes:

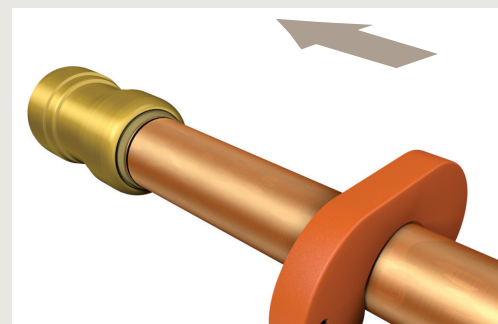
- When tube is inserted, the marking on the tube should be just visible outside of the fitting sleeve.
- Gross misalignment could cause damage to the O-ring.
- Additional lubrication to the tube will assist in difficult situations. Only WRAS approved silicone should be used.
- When using >B< Push on soft copper installations, the tube must be re-calibrated or a Conex Bänninger soft copper liner must be used.

Demounting

To prevent accidental disassembly, fittings can only be demounted with the purpose designed release tool.



Demounting



Installation demonstrations videos are also available
on our youtube channel



Joining PE-X and PB with >B<Push

Ensure the fitting is the right size for the pipe.

- a. Using a suitable pipe cutter cut the pipe end squarely (diagram a). Ensure pipe end is round and free from any damage.
Note: Rotating the pipe as it cuts helps minimise ovality.
- b. Once cut, calibrate the fitting using a correctly sized calibration tool (diagram b). This applies a chamfer to both the internal and external edges, removing all burrs and sharp edges to protect the O-ring.
Note: It is necessary to ensure that a full circumferential chamfer is applied.
- c. Insert a pipe liner in the end of the pipe (diagram c). A liner is necessary to support the pipe, help re-round the pipe and facilitate pipe entry into the fitting (See Table B for Pipe Dimensions).
Note: It is permissible to use either the pipe manufacturer's liner or the Conex Bänninger pipe liner.
- d. Using a marker, mark the pipe stop depth on the pipe, which is required to make the joint, from the front of the liner (diagram d). This provides visual evidence that the pipe has been fully inserted.
Note: Do not score the pipe. (See Table A for Depth Marks).
- e. Without applying any force, insert the pipe end squarely within the mouth of the socket, up to the grip ring then through the O-ring. Then push the pipe firmly into the fitting, right up to the pipe stop (diagram e).
Note: Please do not twist the plastic pipe to aid installation. As this can break and throw up plastic pieces which may stick under the grip ring, making it difficult to release.

Once the pipe is fully inserted, pull pipe back from the joint to ensure that the grip ring is securely engaged.

Demounting

To prevent accidental disassembly, fittings can only be demounted with the purpose designed release tool.

Note: Demounting on plastic pipes is possible; however this must be done prior to system operation. As it may be difficult or impossible after the system has been used.

Notes:

- a) Gross misalignment could cause damage to the O-ring.
- b) Additional lubrication to the pipe will assist in difficult situations. Only WRAS approved silicone should be used.

Table B: Pipe Dimensions

Size	Outer Diameter	Internal Diameter	
		Minimum mm	Maximum mm
mm	Maximum mm	Minimum mm	Maximum mm
15	15.3	10.6	11
16	16.3	11.6	12
20	20.3	15.6	16
22	22.3	16.6	17
25	25.3	19.6	20
28	28.3	21.6	22

Demounting – applies to all tube and pipe types

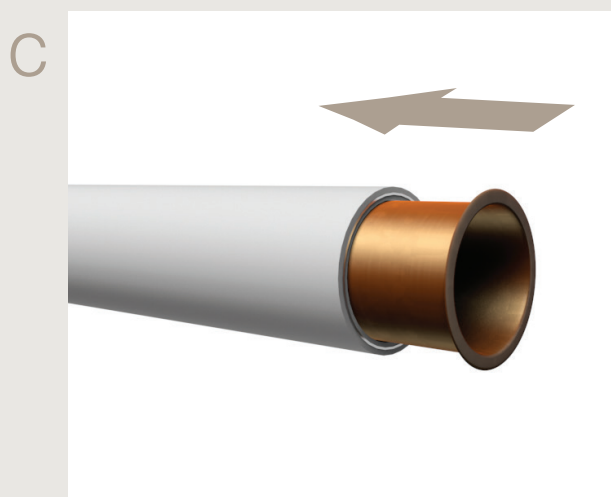
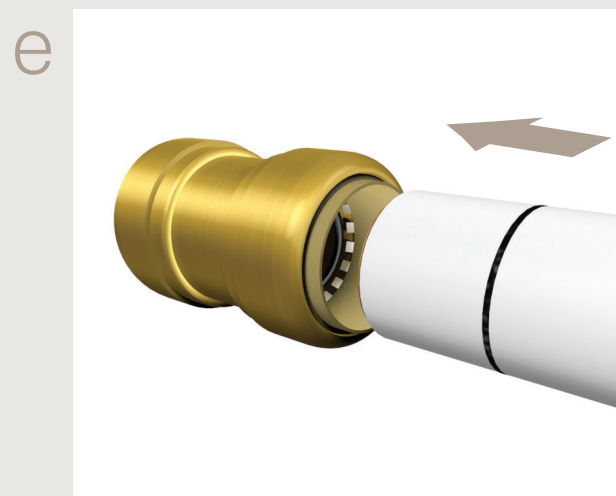
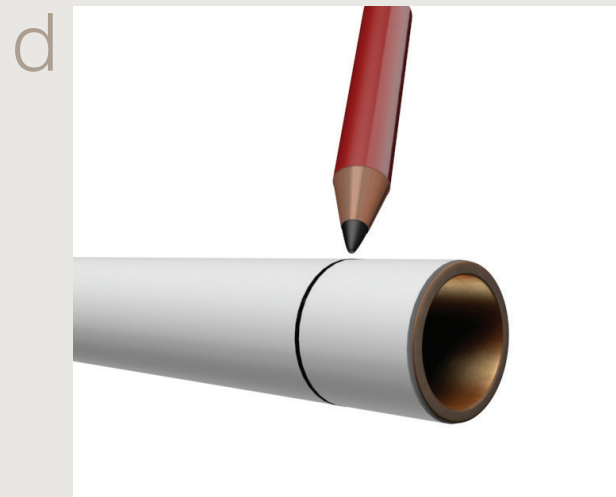
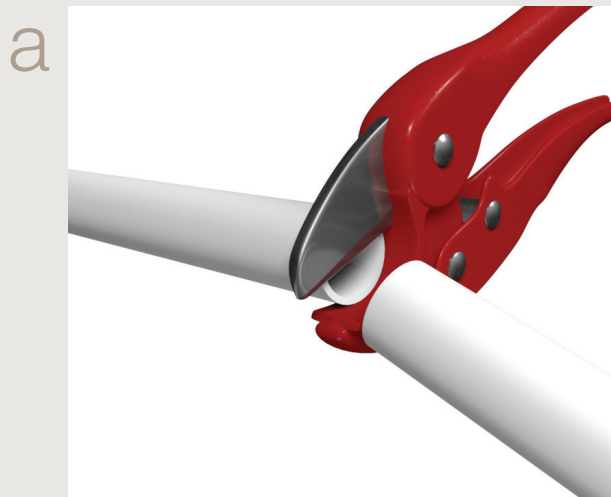
1. Turn off any water supply.
2. All of the fittings within the >B<Push range are designed to be reusable. To prevent accidental disassembly, they can only be demounted with the purpose designed release tool.

Note: Demounting on plastic pipes is possible; however this must be done prior to system operation. As it may be difficult or impossible after the system has been used.

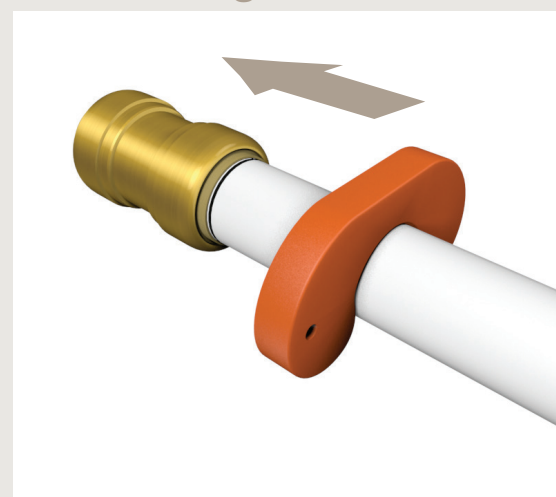
3. When correctly inserted onto the tube, the curved projection of the tool self-aligns with the release sleeve of the fitting. Push the release tool against the sleeve, whilst maintaining force with the tool, either pull tube out of the fitting or pull the fitting away from the tube keeping the release tool against the release sleeve.

Note: Do not attempt to dismantle the fitting prior to applying the force with the release tool.

4. Before re-use, check fitting for damages. >B<Push has been designed for demounting and re-assembling to allow for system alteration. Tests show that it can be demounted and re-assembled up to 20 times on metal tubes, providing that there is no damage to the fitting, particularly the O-ring seal and the grip ring. It is recommended that when a >B<Push fitting has been demounted from a plastic tube; the end of the tube is trimmed back to the virgin tube before re-installing.



Demounting



Technical information

>B< Push fittings meet the performance and test requirements of EN 1254-part 6 copper alloy plumbing fittings with push-fit ends.

Application and uses

>B< Push can be used in a wide range of commercial and domestic applications such as drinking water; hot and cold water systems, sanitary, heating and cooling systems.

>B< Push fittings are ideal for use in retrofit plumbing systems where space is confined or when flame based applications must be avoided.

>B< Push's ability to connect different types of tube, along with its simplicity, versatility and speed of installation, will make it a popular choice for installers.

Size availability

>B< Push is currently available in sizes, 12, 15, 16, 18, 20, 22, 25 and 28mm.

>B< Push fittings are suitable for connecting copper, carbon steel, polyethylene (PE-X), and polybutylene (PB).

Fitting materials

To counteract the problem of dezincification and meet water regulation requirements, >B< Push is manufactured from dezincification resistant low lead brass.

Finish availability

>B< Push is currently available in natural brass finish.

Chilled water applications

>B< Push fittings can be used on chilled water applications with a 50% glycol and 50% water mix to -30°C.

For joints with metal tubes

Working temperature between ambient to 95°C.

- Maximum pressure of 16 bar at 30°C.
- Maximum pressure of 6 bar at 95°C.
- Temporary excursions to 110°C for system failure conditions.

To allow for system malfunctions, fittings are capable of temporary excursions up to a temperature of 110°C at a pressure of 6 bar.

For joints with PE-X and PB pipes

The operating temperatures and maximum operating pressures for assembled joints are determined by the material properties in the plastic pipes; please refer to plastic pipe supplier for more details.

Caution: do not exceed our maximum pressures for metals or our maximum test pressures / temperatures of 6 bar at 95°C and 16 bar at 30°C for PE-X and PB pipes.

Connecting threads

Taper male threads are in accordance with ISO 7 and EN 1254-4. Parallel female threads are in accordance with ISO 228 and EN 1254-4.

Health and safety

It is the responsibility of the end user to ensure that adequate protection is available where required and that the necessary information regarding possible health and safety regulations is adhered to. Copper and copper alloy fittings are considered non-hazardous under normal circumstances, as per the COSHH 4 REG 1988 guidelines.

These fittings have functional sharp components.

Quality assurance

Conex Universal Ltd is an ISO 9001 quality assured company. We are committed to providing quality products and support to our customers that will meet or exceed their expectations and needs. Our ISO 9001 certification assures our customers the very best in product quality.

Trademarks

>B< Push is a registered trademark in the UK and various other countries.

Approvals

>B< Push fittings are approved by national and international approval bodies including WRAS.

Stress corrosion

Caution must be taken when fittings are installed in harsh conditions to avoid stress corrosion.



Guarantee

When professionally installed and used in accordance with the guidelines laid out in this >B< Push Technical Brochure, >B< Push fittings supplied by Conex Universal Ltd are guaranteed against manufacturing defects for 25 years from date of purchase. Any alleged defects must be reported to Conex Universal Ltd within one month of the first occurrence, clearly setting out the nature of the claim and the circumstances surrounding it including written evidence of date of first purchase. The guarantee is limited to the repair or replacement of defective fittings at the discretion of Conex Universal Ltd and the company reserves the right to inspect and test the alleged defects. This guarantee provided by Conex Universal Ltd does not affect your statutory rights.

Sustainability

>B< Push fittings are sustainable as they are demountable, re-useable and recyclable.

Specification clause

- >B< Push fittings are designed for connecting copper tube manufactured to EN 1057, carbon steel, PE-X and PB plastic pipes.
- See individual pressure ratings relating to tube types.
- Materials of construction are to be WRAS approved and where applicable DZR Brass is to be used.
- Electrical continuity must be maintained on metallic systems across all joints.
- All joints are designed to be demountable.

Electrical continuity

The >B< Push design ensures that electrical continuity is maintained throughout metallic tube joints, so earth bonding is not required. Not applicable when used with plastic pipe.

>B< Push tests

WRAS mechanical type test requirement for copper tubes to EN 1254 and plastic pipes to BS 7291.

Tests as follows:-

Hydrostatic pressure resistance

The assembly shall withstand a predetermined pressure for the tube diameter for at least 1 hour at 20°C.

Resistance to thermal cycling

Alternative circulating hot and cold water through the assembly to a pre-determine pressure and temperature for 5000 cycles over 3 ½ months.

Resistance to cyclic pressure shock

Fittings are subjected to rapid pressure cycling of water between 2 positive pressure limits 1 to 25 to 1 bar at 30°C at a rate not less than 30 cycles per minute.

Tensile load tests, resistance to ' Pull Out'.

Tensile load applied according to the diameter of tube held for 1 hour.

Resistance to vacuum.

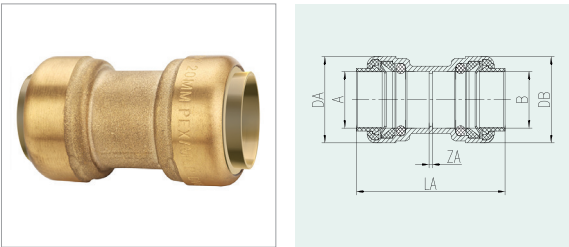
The fitting assemblies are subjected to an internal vacuum of at least 0.1 bar for 1 hour at 20°C.

Pull test

Tensile tests to EN 1254-6 requirements are exceeded by >B< Push fittings.

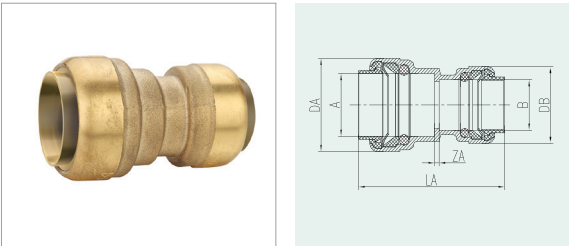
Test requirements are equivalent to 1.5 times safe working pressure to ensure a guaranteed joint.

BM8270
Straight Coupler
(Push-Fit × Push-Fit)



Configuration	A	B	C	DA	DB	DC	LA	LB	LC	ZA	ZB	ZC	Product Code	Pack Qty
12mm	12	12		21	21		43			1			BM8270 0120000	10.00
15mm	15	15		24	24		46			1			BM8270 0150000	10.00
16mm	16	16		25	25		47			1			BM8270 0160000	10.00
18mm	18	18		28	28		49			1			BM8270 0180000	10.00
20mm	20	20		30	30		55			1			BM8270 0200000	10.00
22mm	22	22		33	33		56			2			BM8270 0220000	10.00
25mm	25	25		38	38		58			1			BM8270 0250000	5.00
28mm	28	28		41	41		61			1			BM8270 0280000	5.00

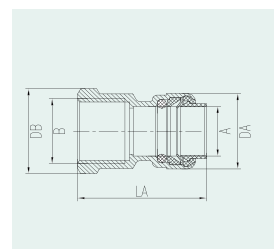
BM8240
Reduced Coupler
(Push-Fit × Push-Fit)



Configuration	A	B	C	DA	DB	DC	LA	LB	LC	ZA	ZB	ZC	Product Code	Pack Qty
15mm×12mm	15	12		24	21		45			1			BM8240 0151200	10.00
16mm×12mm	16	12		25	21		47			2			BM8240 0161200	10.00
16mm×15mm	16	15		25	24		47			1			BM8240 0161500	10.00
18mm×15mm	18	15		28	24		48			2			BM8240 0181500	10.00
20mm×16mm	20	16		30	25		52			2			BM8240 0201600	10.00
20mm×18mm	20	18		30	28		54			4			BM8240 0201800	10.00
22mm×15mm	22	15		33	24		51			2			BM8240 0221500	10.00
22mm×18mm	22	18		33	28		54			4			BM8240 0221800	10.00
22mm×20mm	22	20		33	30		55			1			BM8240 0222000	10.00
25mm×20mm	25	20		38	30		56			1			BM8240 0252000	5.00
28mm×22mm	28	22		41	33		58			1			BM8240 0282200	5.00

BM8270G

Straight Female Connector
(Push-Fit × Female Thread)

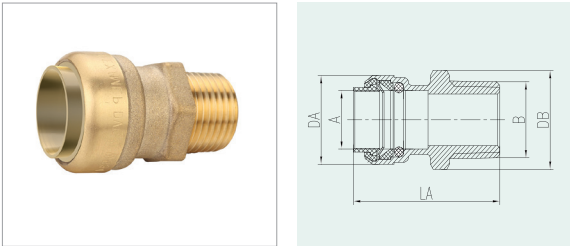


Configuration	A	B	C	DA	DB	DC	LA	LB	LC	ZA	ZB	ZC	Product Code	Pack Qty
12mm × 1/2"	12	1/2"		21	25		42						BM8270G0120400	5.00
15mm × 1/2"	15	1/2"		24	25		41						BM8270G0150400	5.00
15mm × 3/4"	15	3/4"		24	31		44						BM8270G0150600	5.00
16mm × 1/2"	16	1/2"		25	25		41						BM8270G0160400	5.00
16mm × 3/4"	16	3/4"		25	31		42						BM8270G0160600	5.00
18mm × 1/2"	18	1/2"		28	25		44						BM8270G0180400	5.00
18mm × 3/4"	18	3/4"		28	31		46						BM8270G0180600	5.00
20mm × 1/2"	20	1/2"		30	25		47						BM8270G0200400	5.00
20mm × 3/4"	20	3/4"		30	31		45						BM8270G0200600	5.00
22mm × 1/2"	22	1/2"		33	25		44						BM8270G0220400	5.00
22mm × 3/4"	22	3/4"		33	31		44						BM8270G0220600	5.00
22mm × 1"	22	1"		33	38		48						BM8270G0220800	5.00
25mm × 1/2"	25	1/2"		38	25		47						BM8270G0250400	5.00
25mm × 3/4"	25	3/4"		38	31		51						BM8270G0250600	5.00
25mm × 1"	25	1"		38	38		48						BM8270G0250800	5.00
28mm × 1"	28	1"		41	38		54						BM8270G0280800	5.00

BM8243G

Straight Male Connector

(Push-Fit × Male Taper Thread)

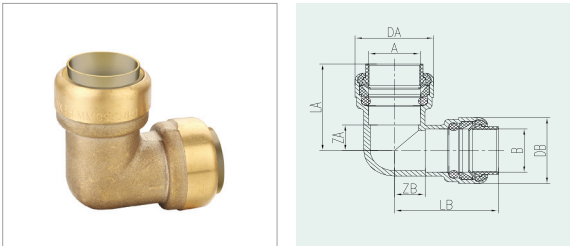


Configuration	A	B	C	DA	DB	DC	LA	LB	LC	ZA	ZB	ZC	Product Code	Pack Qty
12mm × 1/2"	12	1/2"		21	22		43						BM8243G0120400	5.00
12mm × 1"	12	1"		21	35		52						BM8243G0120800	5.00
15mm × 1/2"	15	1/2"		24	25		43						BM8243G0150400	5.00
15mm × 3/4"	15	3/4"		24	30		45						BM8243G0150600	5.00
15mm × 1"	15	1"		24	35		52						BM8243G0150800	5.00
16mm × 1/2"	16	1/2"		25	25		44						BM8243G0160400	5.00
16mm × 3/4"	16	3/4"		25	30		46						BM8243G0160600	5.00
16mm × 1"	16	1"		25	35		52						BM8243G0160800	5.00
18mm × 1/2"	18	1/2"		28	25		46						BM8243G0180400	5.00
18mm × 3/4"	18	3/4"		28	30		48						BM8243G0180600	5.00
18mm × 1"	18	1"		28	35		55						BM8243G0180800	5.00
20mm × 1/2"	20	1/2"		30	25		48						BM8243G0200400	5.00
20mm × 3/4"	20	3/4"		30	30		48						BM8243G0200600	5.00
20mm × 1"	20	1"		30	35		55						BM8243G0200800	5.00
22mm × 3/4"	22	3/4"		33	31		50						BM8243G0220600	5.00
22mm × 1"	22	1"		33	35		56						BM8243G0220800	5.00
25mm × 1/2"	25	1/2"		38	30		49						BM8243G0250400	5.00
25mm × 3/4"	25	3/4"		38	30		51						BM8243G0250600	5.00
25mm × 1"	25	1"		38	35		58						BM8243G0250800	5.00
28mm × 1"	28	1"		41	35		59						BM8243G0280800	5.00

BM8090

Elbow

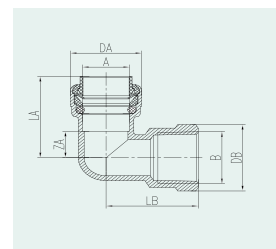
(Push-Fit × Push-Fit)



Configuration	A	B	C	DA	DB	DC	LA	LB	LC	ZA	ZB	ZC	Product Code	Pack Qty
12mm	12	12		21	21		28	28		7	7		BM8090 0120000	10.00
15mm	15	15		24	24		31	31		9	9		BM8090 0150000	10.00
16mm	16	16		25	25		33	33		10	10		BM8090 0160000	10.00
18mm	18	18		28	28		35	35		11	11		BM8090 0180000	10.00
20mm	20	20		30	30		27	27		11	11		BM8090 0200000	10.00
22mm	22	22		33	33		39	39		12	12		BM8090 0220000	10.00
25mm	25	25		38	38		42	42		14	14		BM8090 0250000	5.00
28mm	28	28		41	41		45	45		15	15		BM8090 0280000	5.00

BM8090G

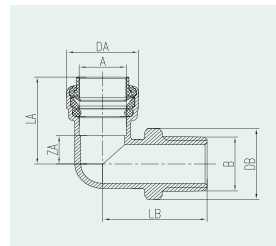
Female Elbow
(Push-Fit × Female Thread)



Configuration	A	B	C	DA	DB	DC	LA	LB	LC	ZA	ZB	ZC	Product Code	Pack Qty
15mm × 1/2"	15	1/2"		24	25		31	33		9			BM8090G0150400	10.00
16mm × 1/2"	16	1/2"		25	25		34	32		11			BM8090G0160400	10.00
16mm × 3/4"	16	3/4"		25	31		32	36		9			BM8090G0160600	10.00
18mm × 1/2"	18	1/2"		28	25		36	33		12			BM8090G0180400	10.00
18mm × 3/4"	18	3/4"		28	31		38	35		14			BM8090G0180600	10.00
20mm × 3/4"	20	3/4"		30	31		38	38		11			BM8090G0200600	10.00
22mm × 1/2"	22	1/2"		33	25		37	35		10			BM8090G0220400	10.00
22mm × 3/4"	22	3/4"		33	31		40	37		13			BM8090G0220600	10.00
25mm × 3/4"	25	3/4"		38	31		42	38		14			BM8090G0250600	5.00

BM8092G

Male Elbow
(Push-Fit × Male Taper Thread)

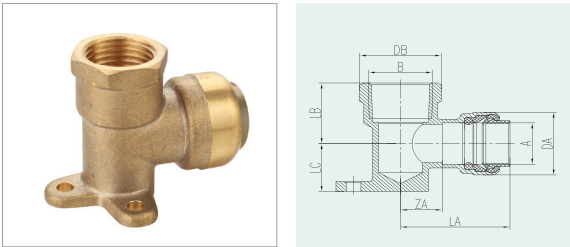


Configuration	A	B	C	DA	DB	DC	LA	LB	LC	ZA	ZB	ZC	Product Code	Pack Qty
15mm × 1/2"	15	1/2"		24	25		31	36		8.9			BM8092G0150400	10.00
16mm × 1/2"	16	1/2"		25	25		34	36		11.2			BM8092G0160400	10.00
16mm × 3/4"	16	3/4"		25	30		32	39		9.2			BM8092G0160600	10.00
18mm × 1/2"	18	1/2"		28	22		36	37		11.9			BM8092G0180400	10.00
18mm × 3/4"	18	3/4"		28	28		38	39		13.9			BM8092G0180600	10.00
20mm × 3/4"	20	3/4"		30	30		38	41		11.1			BM8092G0200600	10.00
22mm × 3/4"	22	3/4"		33	30		40	41		12.8			BM8092G0220600	10.00
25mm × 3/4"	25	3/4"		38	30		42	43		13.9			BM8092G0250600	5.00

BM8472G

Wallplate Elbow

(Push-Fit × Female Thread)

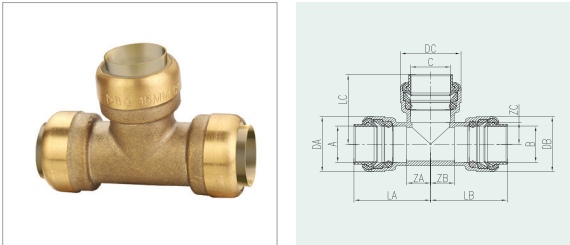


Configuration	A	B	C	DA	DB	DC	LA	LB	LC	ZA	ZB	ZC	Product Code	Pack Qty
15mm×1/2"	15	1/2"		24	25		32	25	19	10			BM8472G0150400	5.00
16mm×1/2"	16	1/2"		25	25		37	25	19	14			BM8472G0160400	5.00
18mm×1/2"	18	1/2"		28	25		36	25	19	12			BM8472G0180400	5.00
18mm×3/4"	18	3/4"		28	31		39	28	19	15			BM8472G0180600	5.00
22mm×3/4"	22	3/4"		33	31		40	30	21	13			BM8472G0200600	5.00

BM8130

Equal Tee

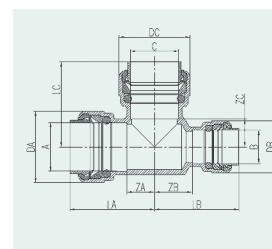
(Push-Fit × Push-Fit)



Configuration	A	B	C	DA	DB	DC	LA	LB	LC	ZA	ZB	ZC	Product Code	Pack Qty
12mm	12	12	12	21	21	21	28	28	28	7	7	7	BM8130 0121212	10.00
15mm	15	15	15	24	24	24	31	31	31	9	9	9	BM8130 0151515	10.00
16mm	16	16	16	25	25	25	33	33	33	10	10	10	BM8130 0161616	10.00
18mm	18	18	18	28	28	28	35	35	35	11	11	11	BM8130 0181818	10.00
20mm	20	20	20	30	30	30	27	27	27	11	11	11	BM8130 0202020	10.00
22mm	22	22	22	33	33	33	39	39	39	12	12	12	BM8130 0222222	10.00
25mm	25	25	25	38	38	38	42	42	42	14	14	14	BM8130 0252525	5.00
28mm	28	28	28	41	41	41	45	45	45	15	15	15	BM8130 0282828	5.00

BM8130

Tee Reduced End
(Push-Fit × Push-Fit)

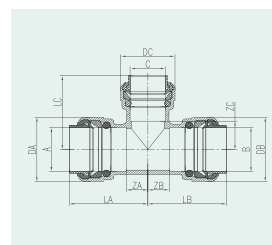


Configuration	A	B	C	DA	DB	DC	LA	LB	LC	ZA	ZB	ZC	Product Code	Pack Qty
20×16×20mm	20	16	20	30	25	30	38	39	38	11	16	11	BM8130 0202016	10.00
22×15×15mm*	22	15	15	33	24	24	43	31	31	16	8	8	BM8130 0221515	10.00
22×15×22mm	22	15	22	33	24	33	39	39	39	12	16	12	BM8130 0222215	10.00
22×18×18mm*	22	18	18	33	28	28	44	36	36	17	12	12	BM8130 0221818	10.00
22×18×22mm	25	18	22	38	28	33	39	40	39	12	16	12	BM8130 0222218	10.00
28×15×28mm	28	15	28	41	24	41	45	44	45	15	22	15	BM8130 0282815	5.00
28×22×28mm	28	22	28	41	33	41	45	47	45	15	20	15	BM8130 0282822	5.00

* Tee Reduced End and Branch.

BM8130

Tee Reduced Branch
(Push-Fit × Push-Fit)

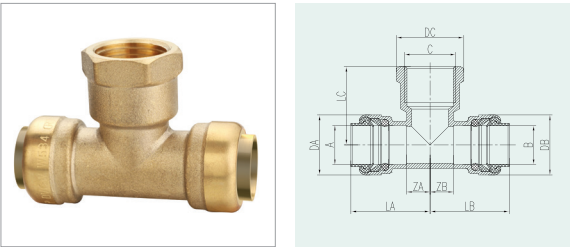


Configuration	A	B	C	DA	DB	DC	LA	LB	LC	ZA	ZB	ZC	Product Code	Pack Qty
20×20×16mm	20	20	16	30	30	25	36	36	34	9	9	11	BM8130 0201620	10.00
22×22×15mm	22	22	15	33	33	24	35	35	36	8	8	13	BM8130 0221522	10.00
22×22×16mm	22	22	16	33	33	25	36	36	38	9	9	14	BM8130 0221622	10.00
22×22×18mm	22	22	18	33	33	28	36	36	39	9	9	15	BM8130 0221822	10.00
25×25×20mm	25	25	20	38	38	30	40	40	27	11	11	14	BM8130 0252025	5.00
28×28×15mm	28	28	15	41	41	24	39	39	37	9	9	15	BM8130 0281528	5.00
28×28×22mm	28	28	22	41	41	33	42	42	42	13	13	15	BM8130 0282228	5.00

BM8130G

Female Branch Tee

(Push-Fit × Female Thread)

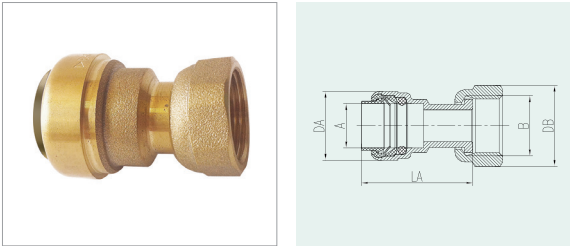


Configuration	A	B	C	DA	DB	DC	LA	LB	LC	ZA	ZB	ZC	Product Code	Pack Qty
15×15mm×1/2"	15	15	1/2"	24	24	25	30	30	33	8	8		BM8130G0150415	5.00
16×16mm×1/2"	16	16	1/2"	25	25	25	33	33	33	10	10		BM8130G0160416	5.00
20×20mm×1/2"	20	20	1/2"	30	30	25	36	36	34	9	9		BM8130G0200420	5.00
22×22mm×1/2"	22	22	1/2"	33	33	25	35	35	36	8	8		BM8130G0220422	5.00
22×22mm×3/4"	22	22	3/4"	33	33	31	38	38	36	11	11		BM8130G0220622	5.00
25×25mm×3/4"	25	25	3/4"	38	38	31	40	40	38	12	12		BM8130G0250625	5.00
28×28mm×1"	28	28	1"	41	41	38	45	45	39	15	15		BM8130G0280828	5.00

BM8240G

Tap Connector

(Push-Fit × Swivel Female Thread)

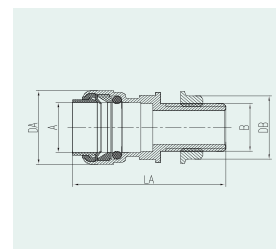


Configuration	A	B	C	DA	DB	DC	LA	LB	LC	ZA	ZB	ZC	Product Code	Pack Qty
15mm×1/2"	15	1/2"		24	25		38						BM8240G0150400	5.00
15mm×3/4"	22	3/4"		24	31		38						BM8240G0150600	5.00
16mm×1/2"	16	1/2"		25	25		41						BM8240G0160400	5.00
20mm×1/2"	20	1/2"		30	25		46						BM8240G0200400	5.00
22mm×3/4"	22	3/4"		33	31		42						BM8240G0220600	5.00
25mm×3/4"	25	3/4"		38	31		48						BM8240G0250600	5.00

Supplied with washer. Not suitable for heating applications.

BM8350

Tank Connector
(Push-Fit × Male Thread)

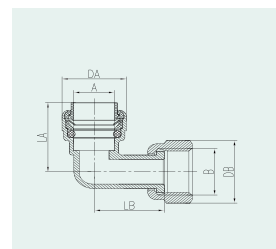


Configuration	A	B	C	DA	DB	DC	LA	LB	LC	ZA	ZB	ZC	Product Code	Pack Qty
15mm × 1/2"	15	1/2"		24	25		55						BM8350 0150400	10.00
22mm × 1/2"	22	1/2"		33	25		59						BM8350 0220400	10.00
28mm × 1"	28	1"		41	38		65						BM8350 0280800	5.00

Supplied without washer.

BM8002G

Bent Tap Connector
(Push-Fit × Swivel Female Thread)

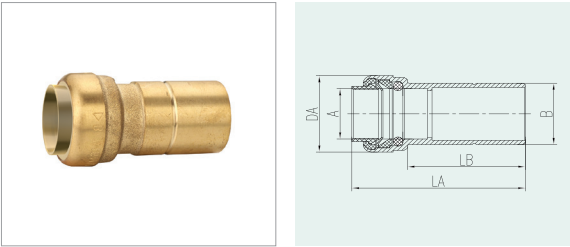


Configuration	A	B	C	DA	DB	DC	LA	LB	LC	ZA	ZB	ZC	Product Code	Pack Qty
15mm × 1/2"	15	1/2"		24	25		31	26					BM8002G0150400	5.00
15mm × 3/4"	15	3/4"		24	31		32	25					BM8002G0150600	5.00
16mm × 1/2"	16	1/2"		25	25		30	26					BM8002G0160400	5.00
20mm × 1/2"	20	1/2"		30	25		34	28					BM8002G0200400	5.00
22mm × 3/4"	22	3/4"		33	31		38	39					BM8002G0220600	5.00
25mm × 3/4"	25	3/4"		38	31		39	31					BM8002G0250600	5.00

Supplied with washer. Not suitable for heating applications.

BM8243

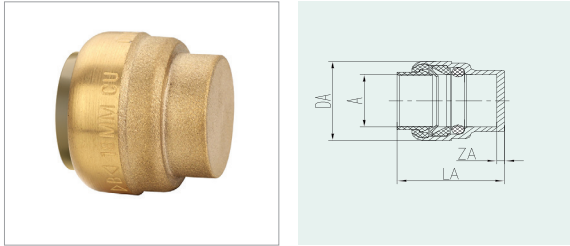
Fitting Reducer
(Push-Fit × Copper)



Configuration	A	B	C	DA	DB	DC	LA	LB	LC	ZA	ZB	ZC	Product Code	Pack Qty
18×15mm	15	18		24			53	36					BM8243 0181500	10.00
20×16mm	16	20		25			53	36					BM8243 0201600	10.00
22×15mm	15	22		24			53	36					BM8243 0221500	10.00
22×18mm	18	22		28			56	36					BM8243 0221800	10.00

BM8301

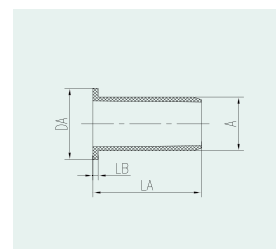
Stop End
(Push-Fit)



Configuration	A	B	C	DA	DB	DC	LA	LB	LC	ZA	ZB	ZC	Product Code	Pack Qty
12mm	12			21			23			2			BM8301 0120000	10.00
15mm	15			24			24			2			BM8301 0150000	10.00
16mm	16			25			25			2			BM8301 0160000	10.00
18mm	18			28			26			2			BM8301 0180000	10.00
20mm	20			30			29			2			BM8301 0200000	10.00
22mm	22			33			29			2			BM8301 0220000	10.00
25mm	25			38			28			2			BM8301 0250000	5.00
28mm	28			41			32			2			BM8301 0280000	5.00



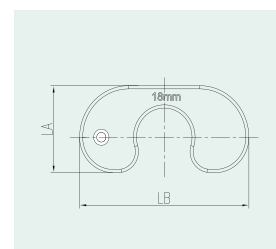
Internal Liners (PE-X/PB Pipe Liner)



Configuration	A	B	C	DA	DB	DC	LA	LB	LC	ZA	ZB	ZC	Product Code	Pack Qty
12mm	8			12			24	1					D203031000PP	25
15mm PB only	11			14			26	1					E203031000PP	50
15mm PE-X only	12			14			27	1					E183031000PP	50
18mm	14			17			28	1					F203031000PP	50
22mm	18			21			29	1					G233031000PP	50
28mm	22			27			32	1					H293031000PP	10

Liners are for both PE-X and PB pipe unless otherwise stated.

Release Tools



Configuration	A	B	C	DA	DB	DC	LA	LB	LC	ZA	ZB	ZC	Product Code	Pack Qty
12mm							24	45					BM850 01200000	5
15mm							27	52					BM850 01500000	5
16mm							27	55					BM850 01600000	5
18mm							27	55					BM850 01800000	5
20mm							29	59					BM850 02000000	5
22mm							30	61					BM850 02200000	5
25mm							32	64					BM850 02500000	5
28mm							33	68					BM850 02800000	5

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Conex | Bänninger
>B< Press

Conex | Bänninger
>B< Press Gas

Conex | Bänninger
>B< Press Solar

Conex | Bänninger
>B< Press XL

Conex | Bänninger
>B< Press Carbon

Conex | Bänninger
>B< Press Inox

Conex | Bänninger
>B< MaxiPro

Conex | Bänninger
>B< ACR

K65[®]

Conex | Bänninger
>B< Push

Conex | Bänninger
>B< Flex

Conex | Bänninger
>B< Oyster

Conex | Bänninger
Cuprofit

Conex | Bänninger
Triflow Solder Ring

Conex | Bänninger
Delcop End Feed

Conex | Bänninger
Delbraze

Conex | Bänninger
Medical Gas

Conex | Bänninger
Valves

Conex | Bänninger
Conex Compression

Conex | Bänninger
Series 3000

Conex | Bänninger
Series 4000

Conex | Bänninger
Series 5000

Conex | Bänninger
Series 8000

Conex | Bänninger
OEM



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