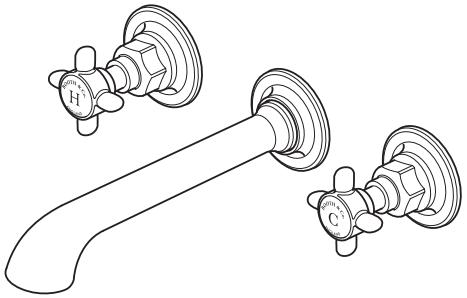
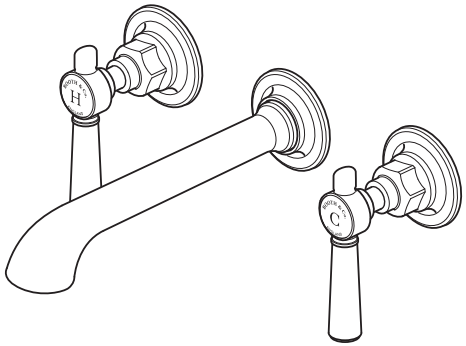
BOOTH & Co.
ENGLAND





This instruction booklet covers model:

BC-AXB-109-CP
BC-AXB-109-BN
BC-AXB-209-CP
BC-AXB-209-BN

VADO
Wedmore Road, Cheddar,
Somerset, England BS27 3EB
tel 01934 744466
fax 01934 744345
www.vado.com
sales@vado.com

Version 1, 1-5-19

AXBRIDGE

BC-AXB-109-CP, BC-AXB-109-BN
BC-AXB-209-CP, BC-AXB-209-BN
INSTALLATION GUIDE

BOOTH & Co.
ENGLAND

Important - please read

Please read these instructions carefully before starting installation and keep for future reference.

Remove all packaging and check the product for missing parts or damage before starting installation.

Any alterations made to this product and fittings may infringe water regulations and will invalidate the guarantee.

The installation must comply with all Local/National Water Supply Authority Regulations/Byelaws and Building and Plumbing Regulations.
To be installed in accordance with BS EN806.

We strongly recommend that you use a qualified and registered plumber.

General installation

This fitting is a mixing device and therefore water supplies should be reasonably balanced.

When installed, the fitting must comply with the requirements of the Water Supply (Water Fittings) Regulations 1999 and Scottish Byelaws 2004.
For further information, contact the Water Regulations department of your local water supplier (see the WRAS website www.wras.co.uk for details) or the Water Regulations Advisory Scheme by email (info@wras.co.uk) or telephone: 01495848454.

Before making any inlet pipe connections, all supply pipes MUST be thoroughly flushed to remove debris. Failure to do so could result in damage or low flow from the mixer unit. Water Supply (Water Fittings) Regulations 1999 Schedule 2 Section 13.

The fitting of isolating valves to the inlet feeds is advised for ease of maintenance.

Please take great care when installing this mixer not to damage its surface.

Please note if installing in an enclosed environment, access should be left for servicing and maintenance. No costs relating to inadequate access can be accepted.

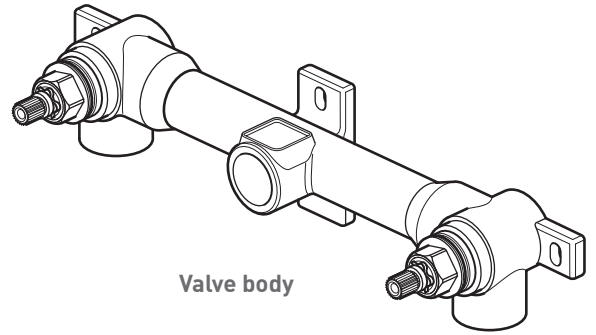
Operating Specifications

Operating Pressure

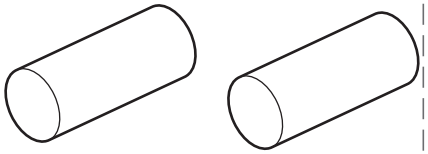
Minimum operating pressure 0.2 bar
Maximum operating pressure 5 bar

Contents of Packaging

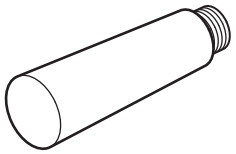
Installation guide & User manual



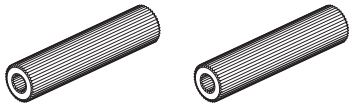
Valve body



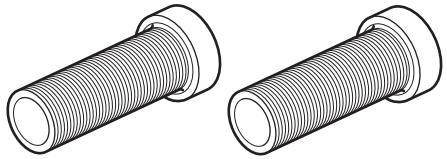
Valve mortar guards x 2



Spout mortar guard

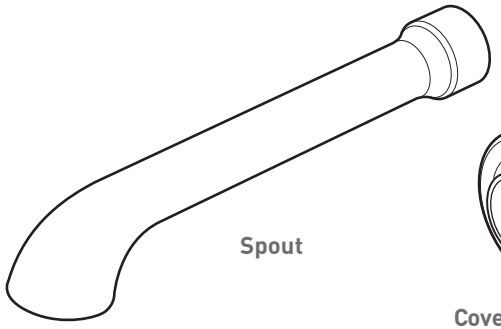


Spline extension x 2

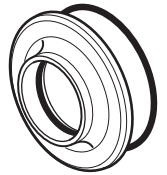


Valve extension x 2

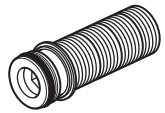
Cutting guide



Spout



Cover with O-ring

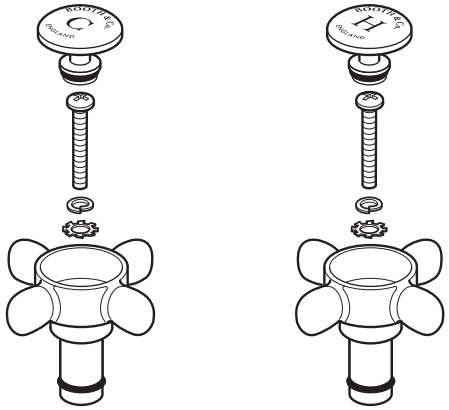


Spout connector

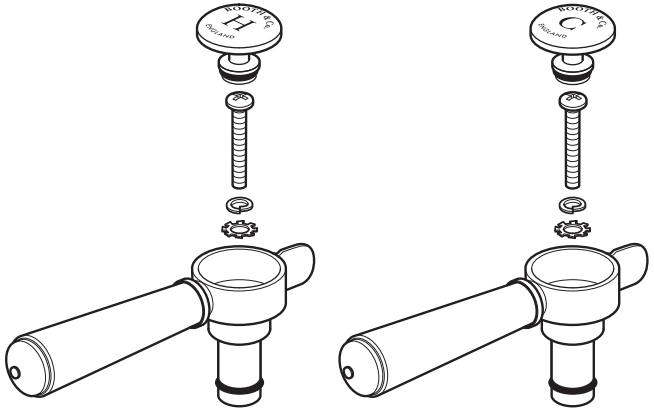
Hex key

Contents of Packaging

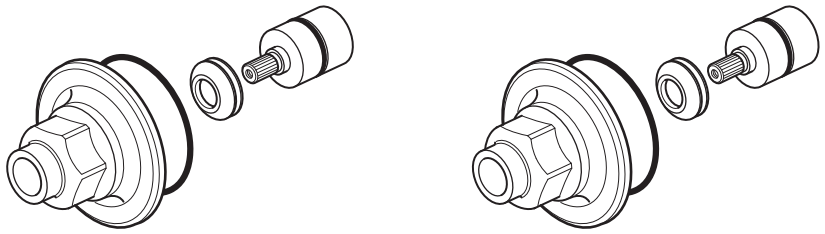
Cross handle option OR Lever handle option



Cross handles with spring washer, lock washer, screw and screw cover

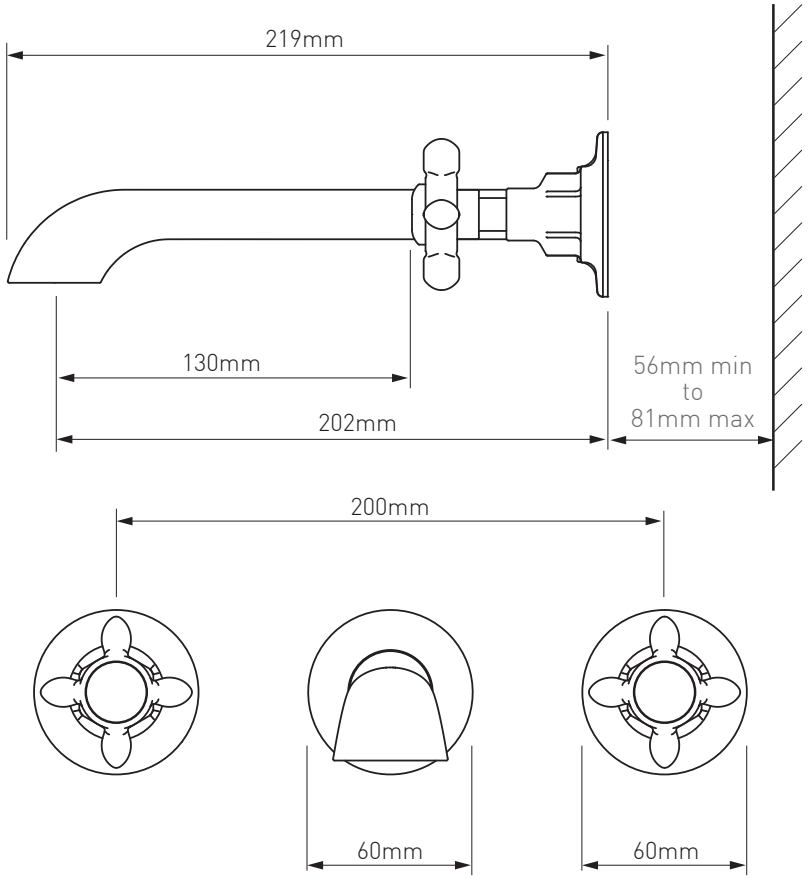


Lever handles with spring washer, lock washer, screw and screw cover

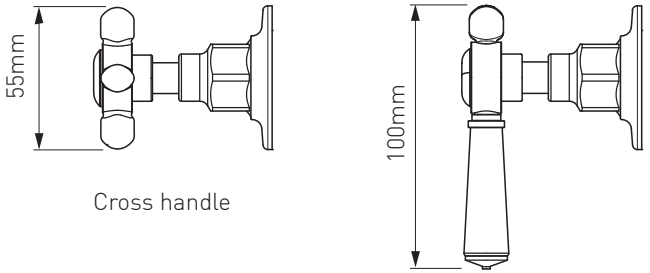


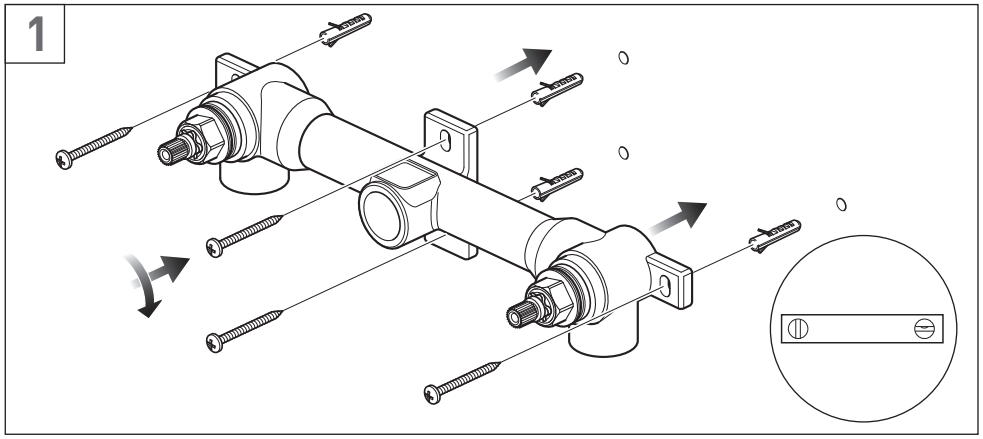
Handle shroud assembly

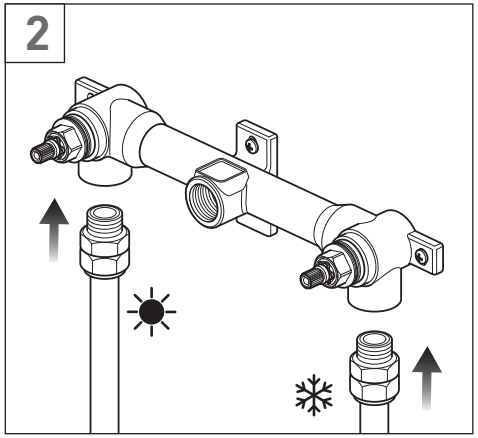
Dimensions

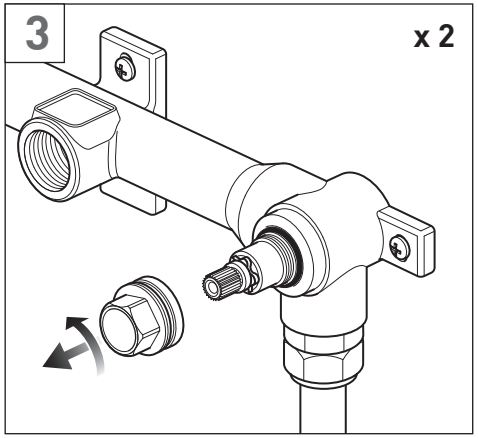


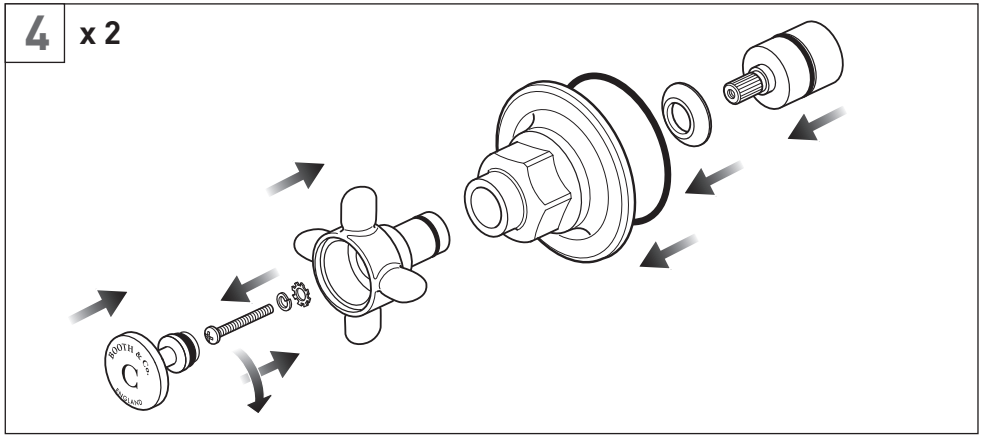
Handle dimensions



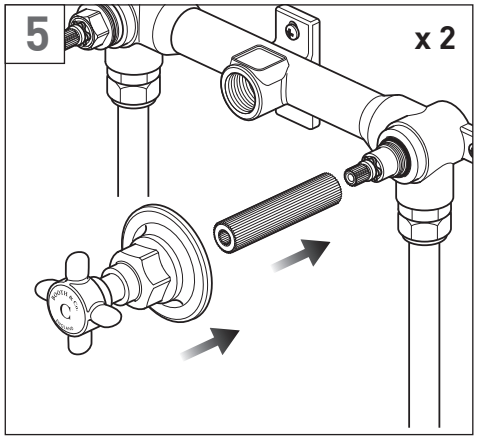


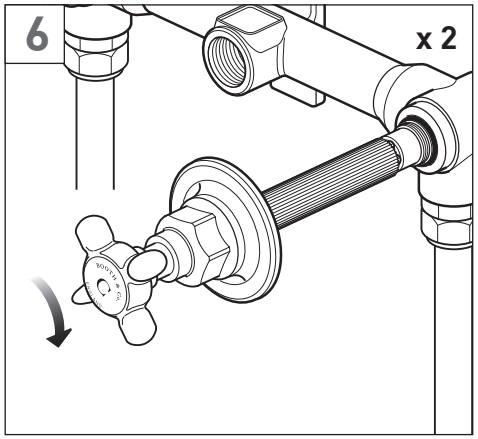


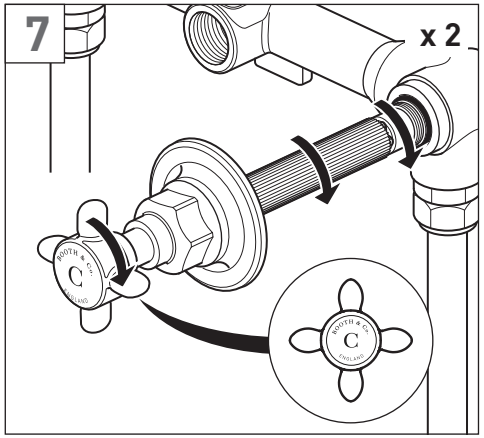


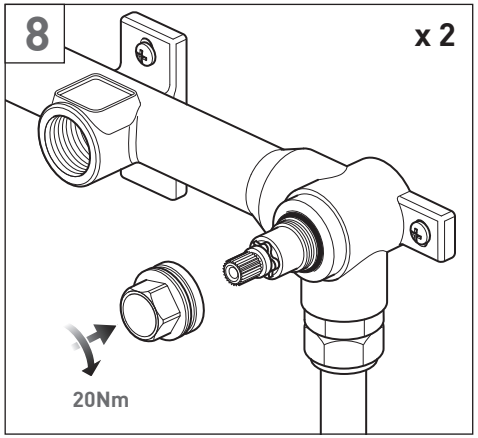


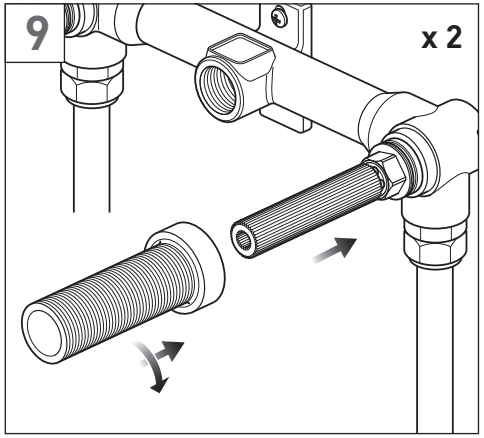
Installation - Quick guide

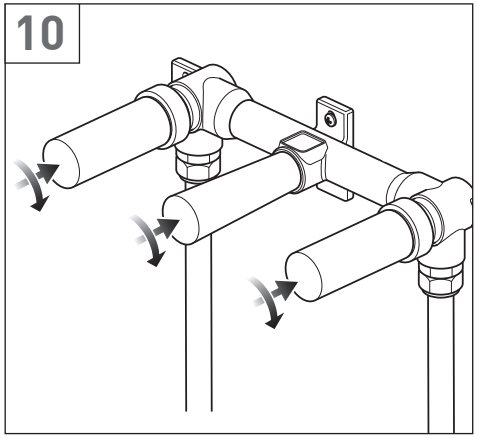


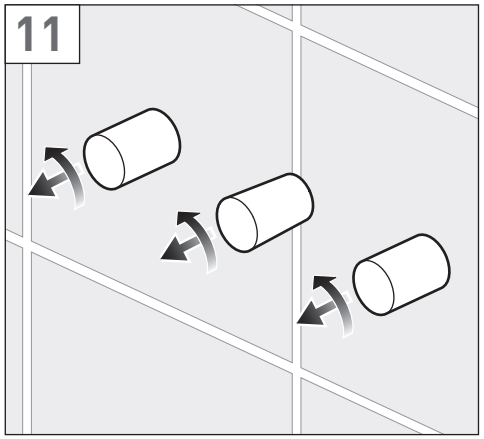


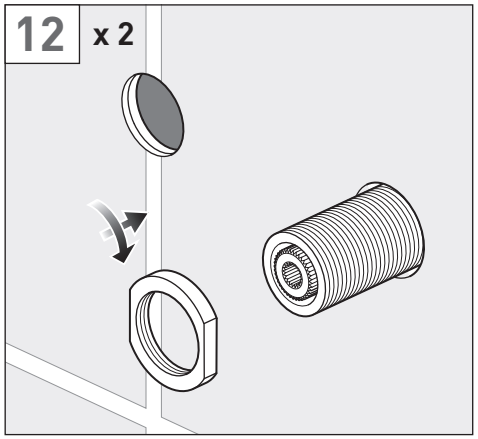


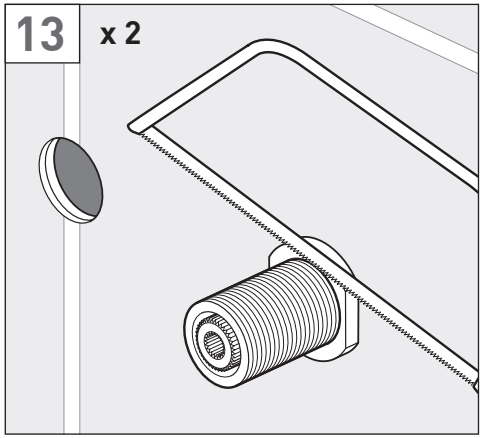


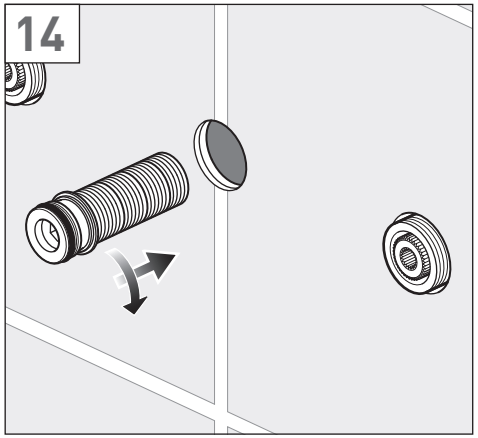


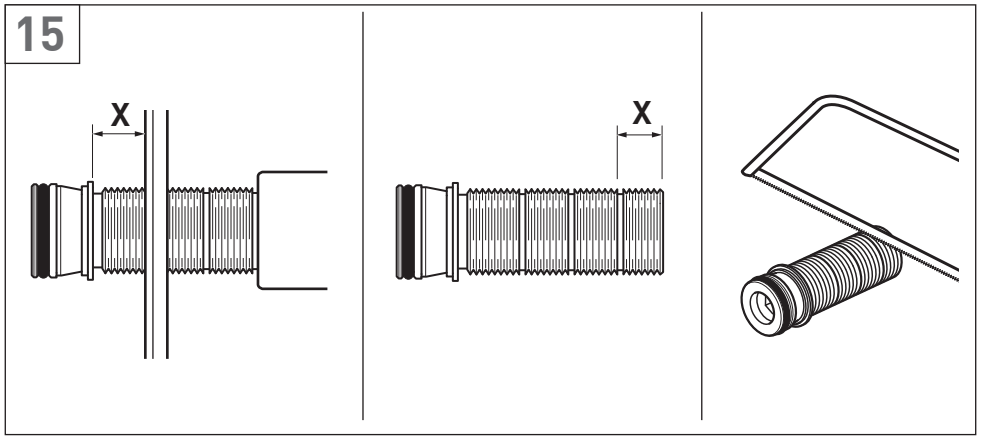


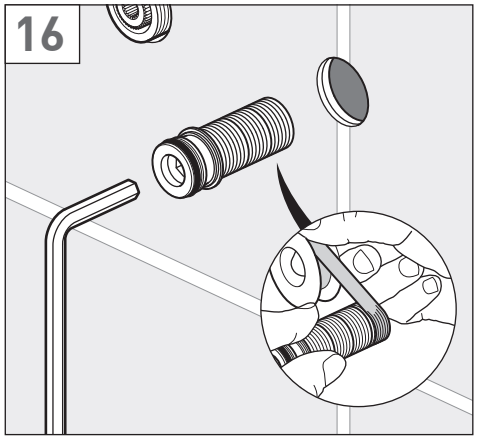

11

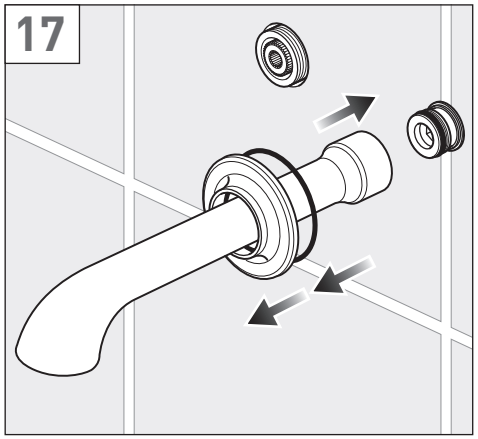

12
x 2

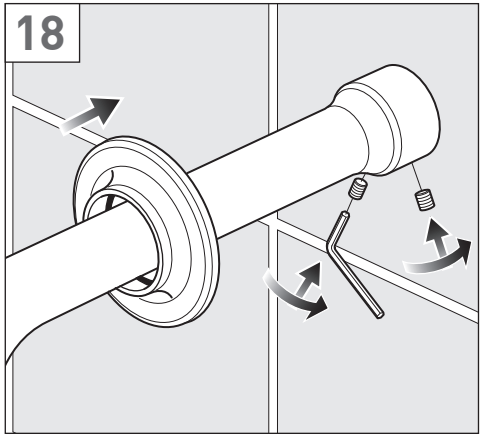

13
x 2

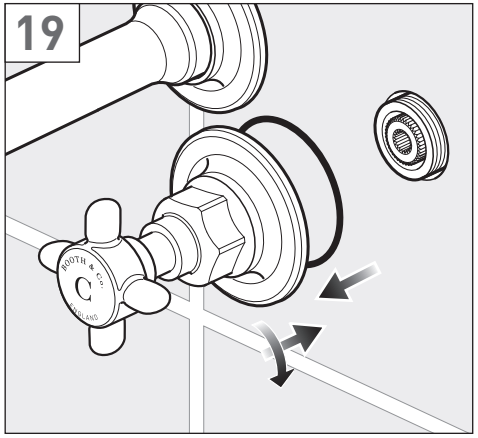

14

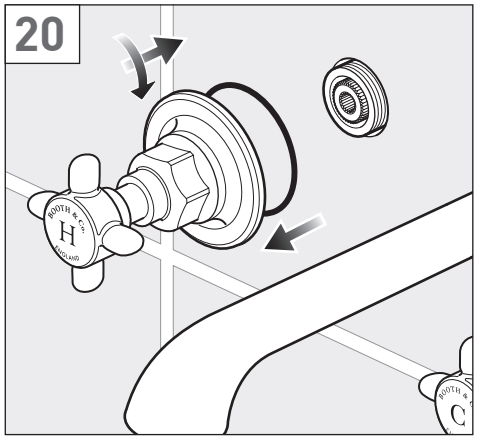

15
X
X


16

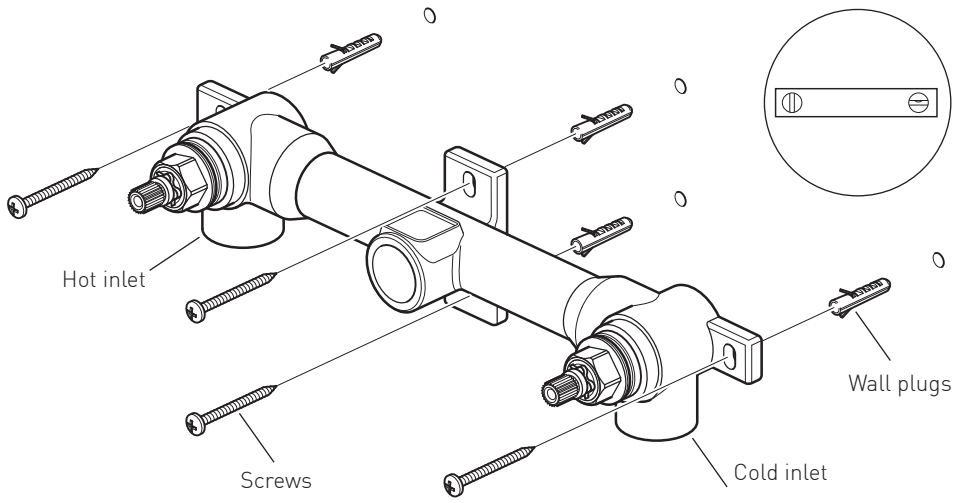

17


18


19


20

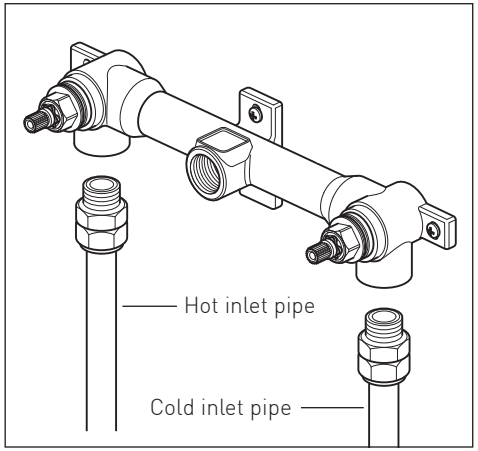
Installation



⚠ **Warning!** Please check for any hidden cables and pipes before drilling holes
in the wall.
Before installing your new mixer, flush through pipe work to ensure removal of debris, turn off the water supply.
The valve must be set into the wall (56mm min - 81mm max).

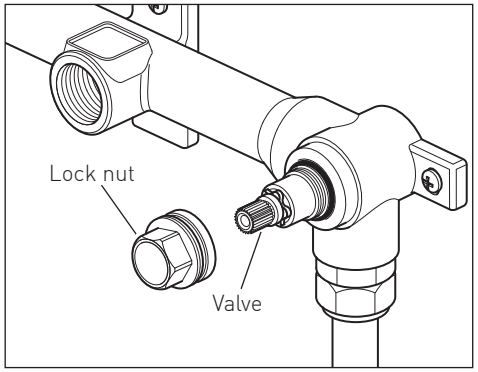
Offer the valve up to the wall, mark the 4 wall fixing positions and drill holes to take suitable wall plugs and screws. Fix in position. If you are fitting to a partition wall or a wall of particularly soft substrate you will need specialist fixings.

Make all connections to the valve. Connect hot supply to the left inlet and cold supply to the right inlet.



Remove lock nut from the valve, then release the valve from the body, but do not remove.

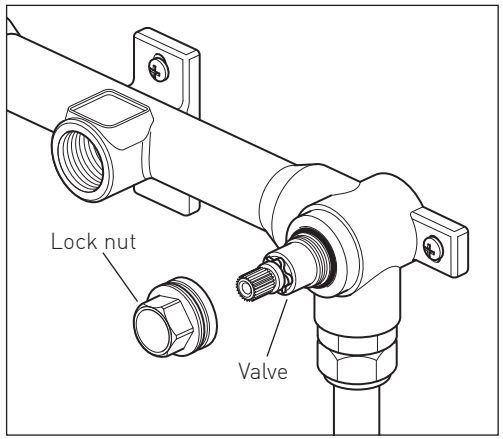
They should both be hand tight.



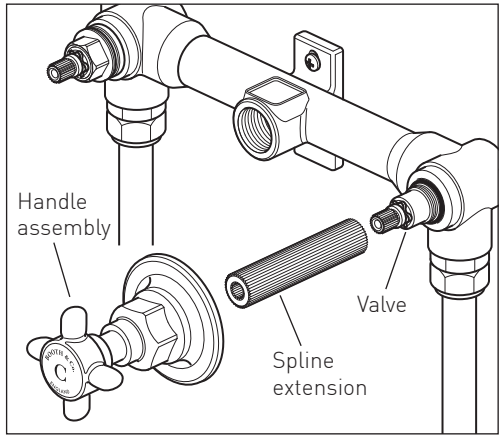
Installation

Remove lock nut from the valve, then release the valve from the body, but do not remove.

They should both be hand tight.

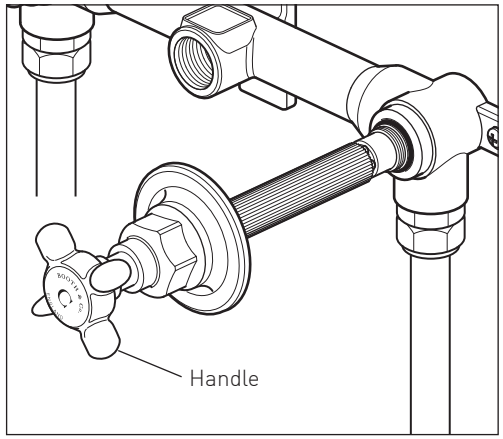


Place the handle assembly onto the spline extension and then onto the valve.



Using light force only turn the handle clockwise until you feel a noticeable resistance when the base of valve touches down on the body of the tap.

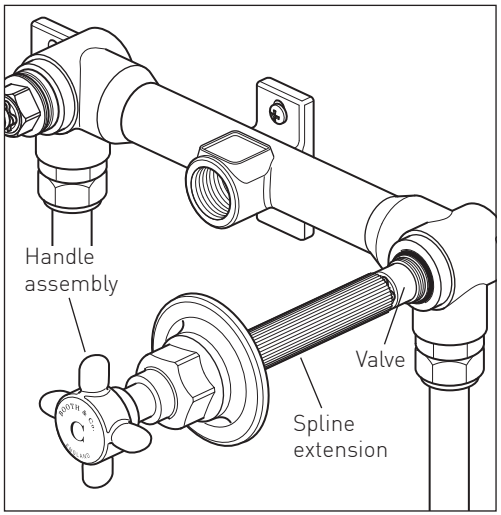
Turn the handle so the valve is in the closed position, then remove the handle.



Installation

Refit the handle back onto the spline so it is as square as possible (do not worry if it is not perfectly aligned at this stage). Without forcing the handle, adjust the handle and the valve together so that the handle is perfectly straight making sure you do not unscrew the valve by more than 20°.
Should you do so you will need to go back to the beginning of this section and start again. Test the action of the handle and valve making sure that the handle is perfectly straight in the off position.

Lever handle
The lever on the handle should point either outwards or downwards when in the off position.

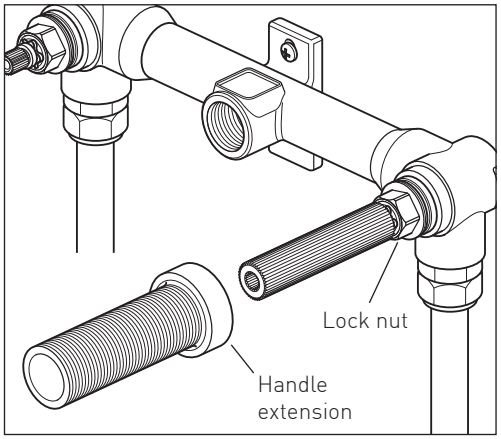


Remove the handle and spline extension.

Place the lock nut over the valve and screw down. Use a torque wrench to tighten the nut down to 20Nm.

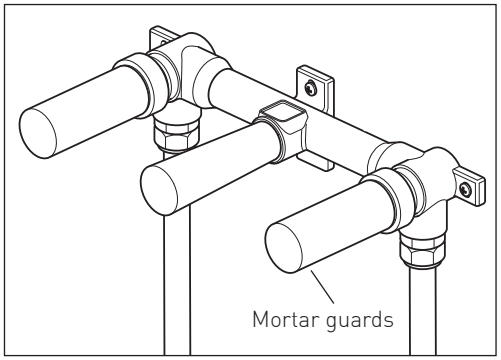
Slide the spline extension back onto the valve. Screw the handle extension on to the valve.

Repeat the same procedure for the other side.



Double check the entire installation for function, leaks and look.

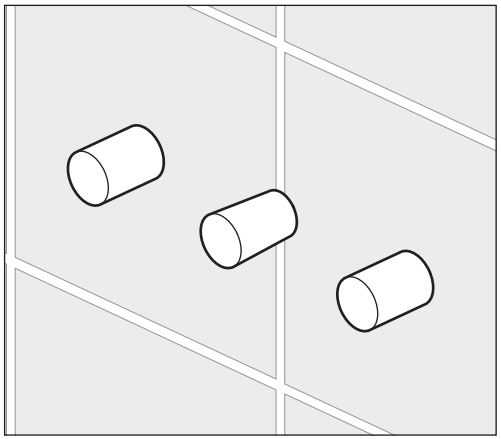
Screw the mortar guards in place. The tapered one fits in the middle.



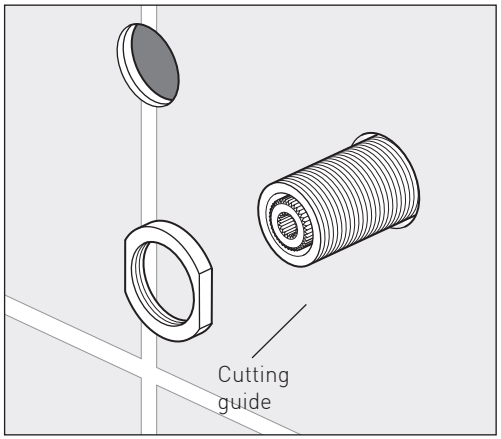
Installation

Finish the wall by tiling up to the mortar guards, keep the final finished wall surface between the min and max dimensions.

Unscrew and remove the mortar guards from the valve.



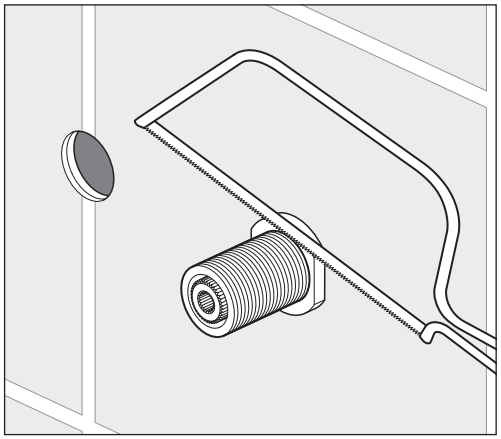
Screw the cutting guide onto the handle extension in turn.



Using a hacksaw along the side of the cutting guide cut through both the handle extension and spline extension.

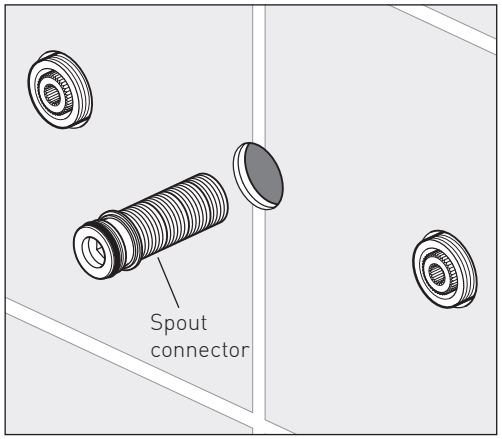
Remove the cutting guide clean up any burrs and remove any debris.

Repeat for the other side.



Installation

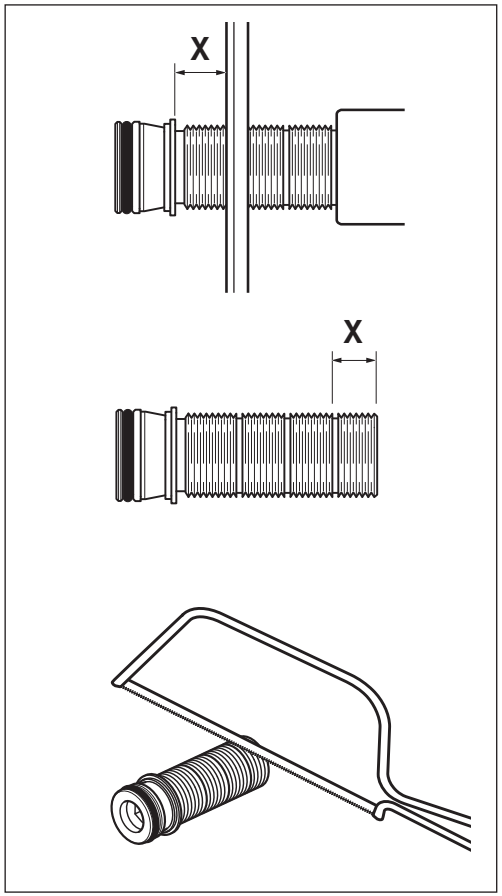
Screw the spout connector through the finished wall and into the valve as far as it will go.



Measure the distance **(X)** from the wall and the back of the collar.

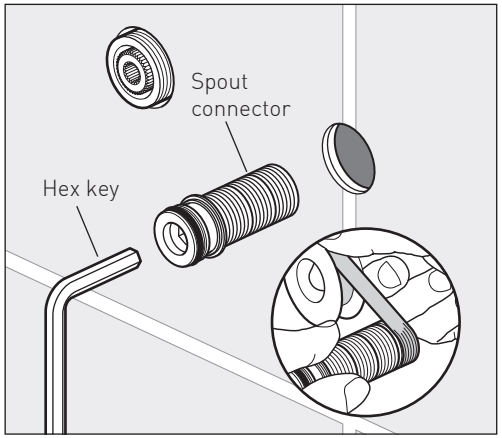
Remove the connector from the valve. Measure the distance back from the end of the connector and cut off using a hacksaw.

Remove any burrs and debris.



Installation

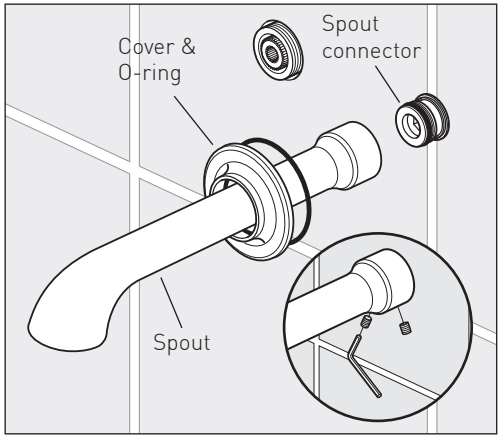
Using PTFE tape on the connector screw into the valve. Tighten using an hex key in the end of the connector.
Do not over tighten.



Slide the cover over the end of the spout, make sure that the O-ring is in position within the cover.

Carefully slide the spout onto the connecting tube until it touches the wall, make sure not to damage the seal on the connecting tube.

From the underside tighten the 2 x grub screws with the supplied hex key



Finally screw on the handle assemblies.

Make sure that the O-ring is in position within the cover

With the handles pointing in the right direction slide the assembly onto the splines, screw on the cover until it touches the wall , hand tight only.

Be careful not to damage its surface of the taps.

The hot should be on the left and cold on the right.