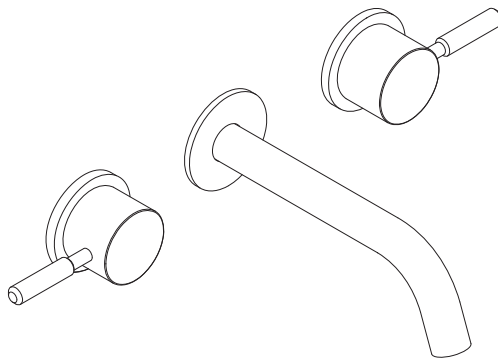
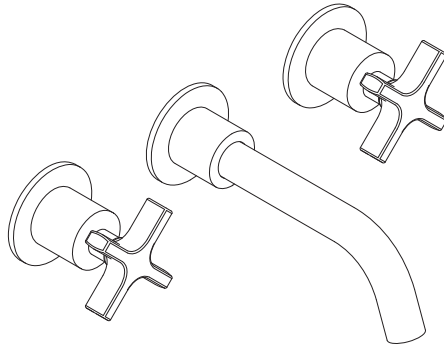




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**3 HOLE WALL MOUNTED BASIN MIXER  
INSTALLATION**



### Professional installation

We recommend that our products are fitted by a fully qualified professional plumber. They should be installed correctly and in accordance with all local water regulations and the system protected by non-return valves (not supplied). All products should be accessible for routine servicing.

### Suits all systems

This Coalbrook product is potentially suitable for every possible application, type of boiler and water supply pressure. However, if your supply pressure is below 1 bar it is advisable to fit a water pump. For systems with combination boilers, it is not advisable to fit pumps (refer to boiler manufacturer).

### Supply temperature safety notice

A thermostatic mixing valve (TMV) should be fitted (not supplied) to the hot supply to restrict the temperature to a safe working/maximum temperature to comply with local building regulations, current legislation, relevant standards and codes of practice. Maximum allowed temperatures vary subject to type of installation or specification of building.

### Flushing system

It is most important to flush out all pipework thoroughly before connecting the mixer. Failure to do so is the single most common cause of cartridge failure.

### Supply connections

The hot water supply must be connected to the left inlet port, and cold water to the right inlet port, as viewed from the front.

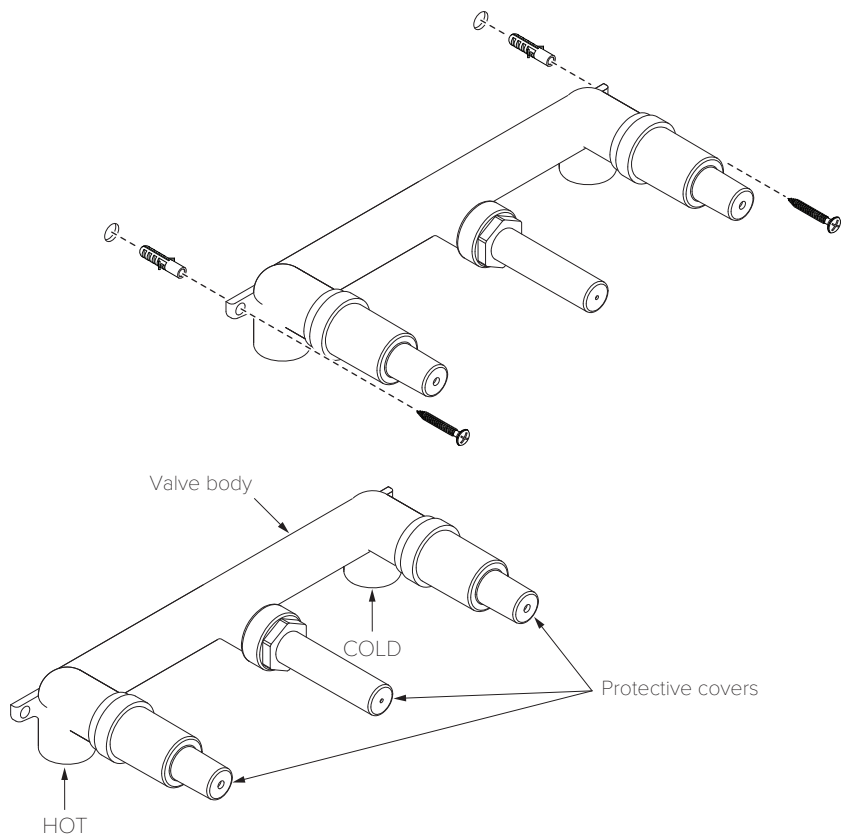
### Balancing flow

If a significant pressure difference exists between the hot and cold supplies, we advise fitting a 'flow regulator' (not supplied) to the higher or both supplies.

### Water quality

In hard water areas, a suitable water treatment system should be provided to prevent limescale deposits (calcium deposits) which may effect the long term performance of the mixer cartridges. Exterior surfaces should be gently wiped with a dry soft cloth after use to minimise water stains and limescale deposits.

## MIXER VALVE INSTALLATION DIAGRAM (STEPS 1 - 5)

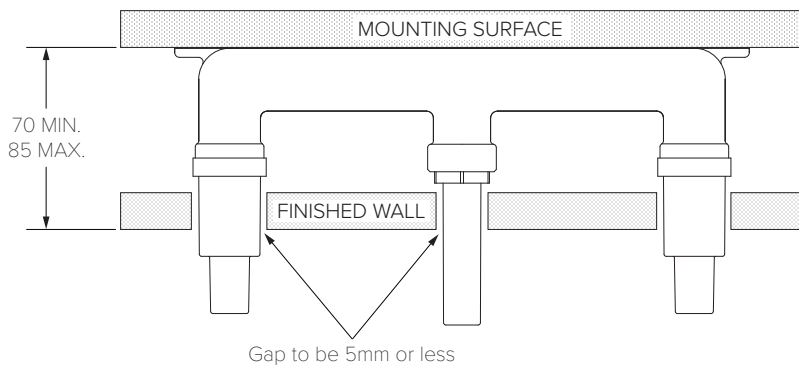


1. Offer the valve body up to the mounting surface. Use a spirit level to ensure that the mixer valve is horizontal then mark the hole locations.
2. Drill holes using a suitable drill bit for the required fixings/wall plugs.
3. Secure the mixer valve in place using appropriate fixings/screws for the mounting surface.
4. Ensure that the water supplies have been flushed before connection is made to the valve body. Connect the hot and cold water supplies to the 1/2" BSP inlets of the mixer valve. The HOT connection must be connected to the left port, and the COLD connected to the right port.
5. Check all connections for leaks. Ensure that the protective covers are securely assembled before concealing pipework and continuing installation.

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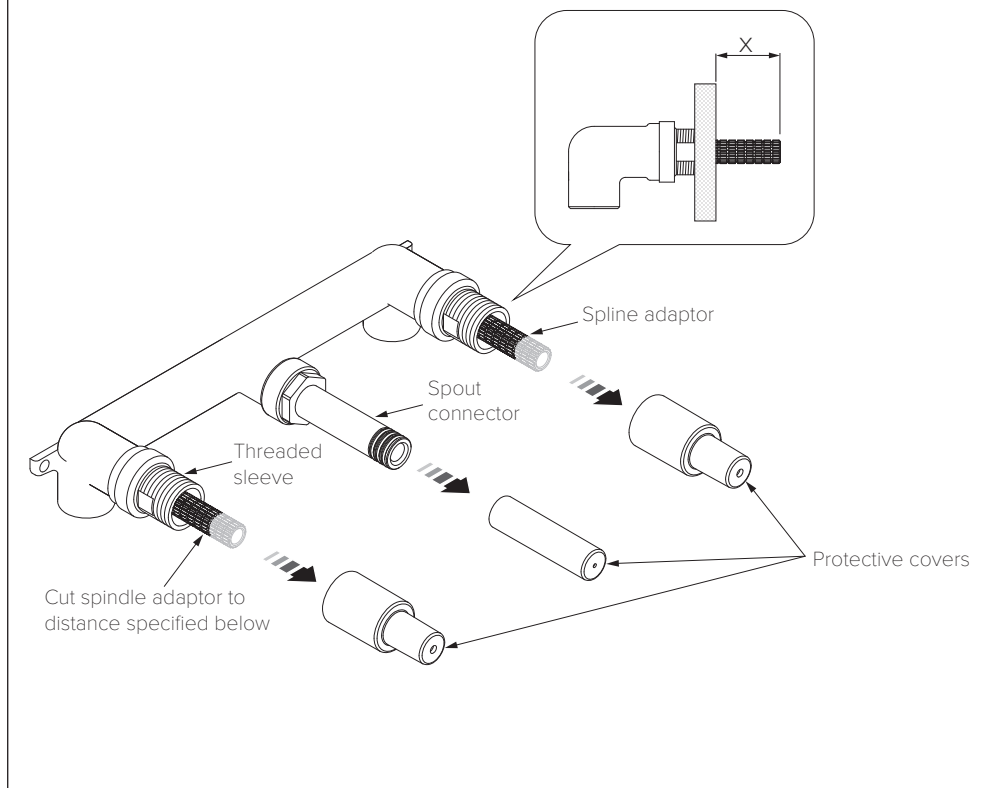
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## MIXER VALVE INSTALLATION DIAGRAM (mm) (STEP 6)



6. The mixer valve can now be concealed by the finished wall. A gap of no greater than 5mm should be present around the protective covers. The valve must be installed to comply with the minimum and maximum measurements shown.

## MIXER VALVE INSTALLATION DIAGRAM (STEPS 7 - 8)



7. Remove the protective covers from the spout connector and threaded sleeves.
8. Measure the length of the exposed splines protruding from the finished wall (X). Cut these to the lengths required for the specific handles as below:

### Dimension 'X' from finished wall.

Domo – 26mm - 30mm

Decca – 18mm - 21mm

Bank – 23mm - 28mm

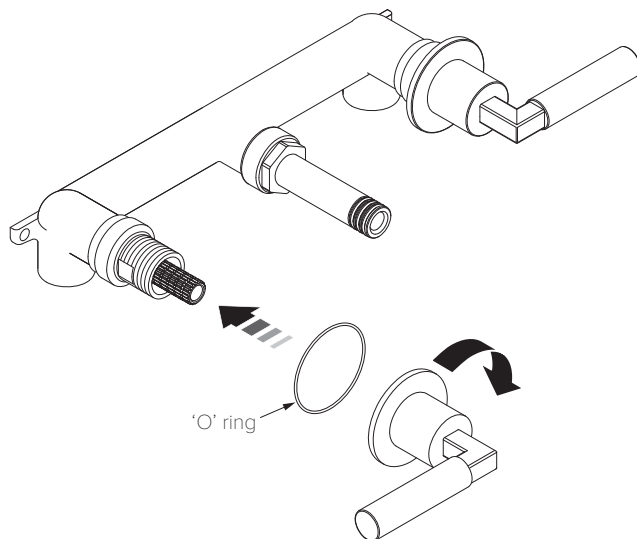
Zurich – 23mm - 28mm

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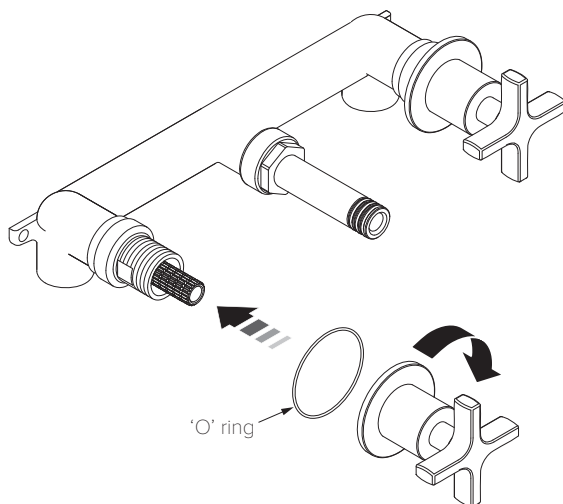
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## HANDLE INSTALLATION DIAGRAM (BANK & ZURICH)

### ZURICH



### BANK



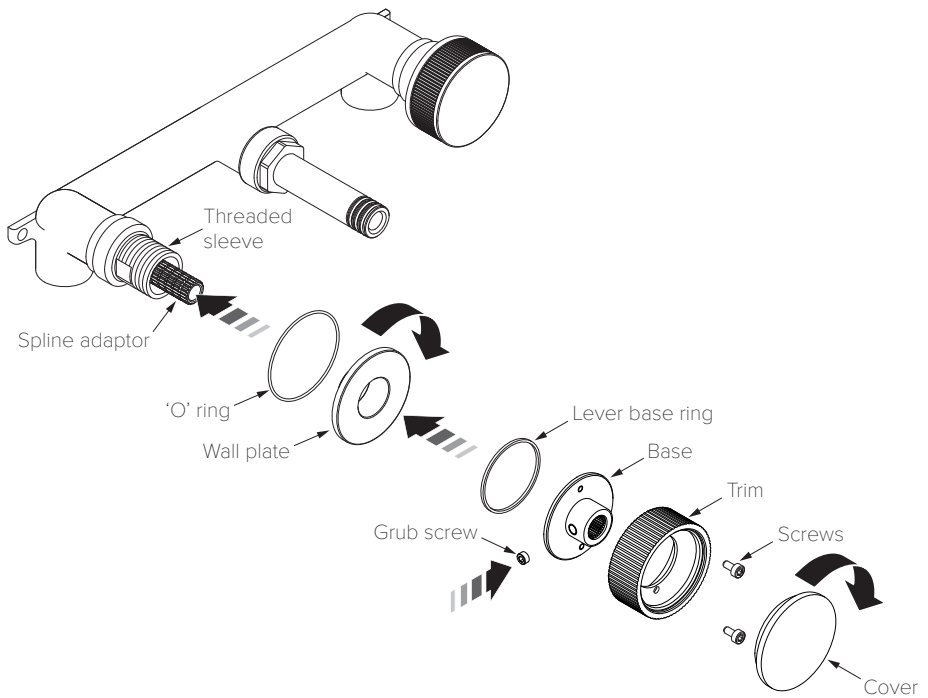
1. For **BANK & ZURICH** trim assemblies, ensure that the 'O' rings are located into the recesses at the rear of the handle assemblies, then offer the handle assemblies onto the threaded sleeves. Screw the handles onto the threaded sleeves until the backplates sit against the finished wall surface.
2. On **ZURICH** models the levers should be facing outward when the valves are in the OFF position.

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## HANDLE INSTALLATION DIAGRAM (DECCA)

### DECCA



1. For **DECCA** trim assemblies, ensure that the 'O' rings are located into the recesses at the rear of the wall plates. Screw the wall plates onto the threaded sleeves.
2. Rotate the handle bases until the two small holes are vertical. Ensure that the lever base rings are located into the bases. Locate the bases onto the splines and secure using the provided grub screws and a suitable hexagonal key.
3. Secure the handle trims to the base using the provided screws.
4. Screw the covers onto the trims to complete the installation.

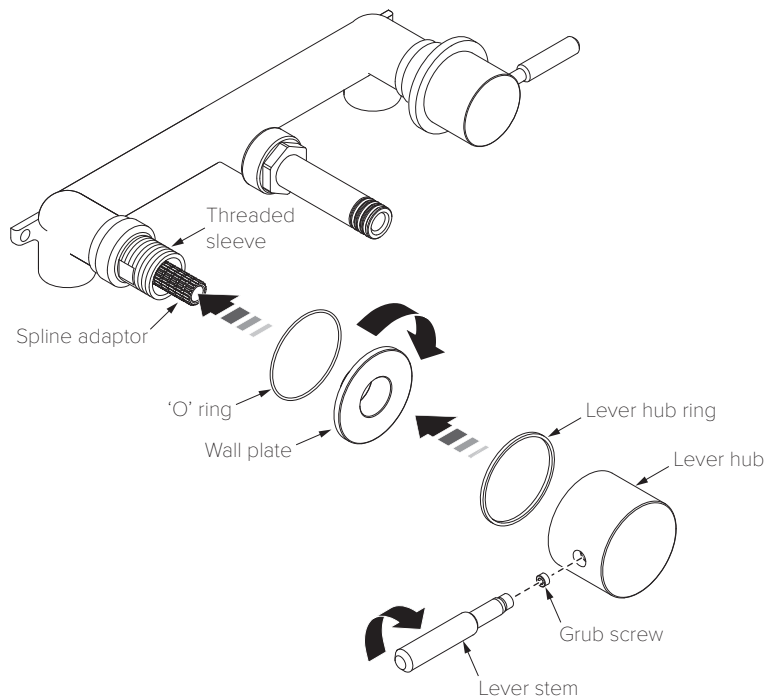
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## FLOW VALVE INSTALLATION DIAGRAM (DOMO)

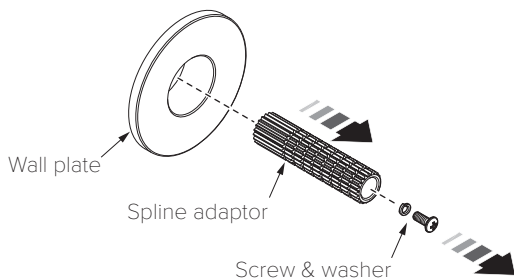
### DOMO



1. For **DOMO** trim assemblies, ensure that the 'O' rings are located into the recesses at the rear of the wall plates. Screw the wall plates onto the threaded sleeves.
2. Ensure that the lever hub rings are located in the lever hubs. Locate the lever hubs onto the threaded sleeves and secure using the provided grub screws and a suitable hexagonal key. Screw the lever stems into the lever hubs.
3. The lever stems should be facing outward when the valves are in the OFF position.

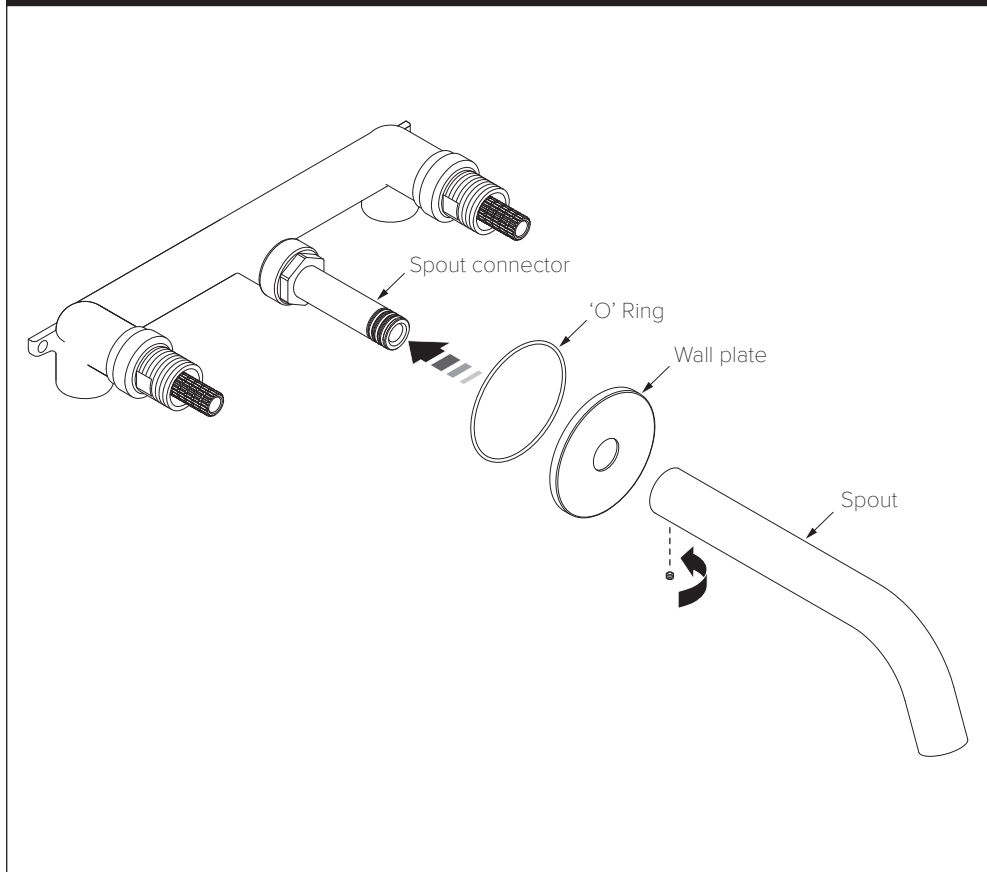
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## HANDLE ORIENTATION INSTALLATION DIAGRAM



1. If handle alignment is not as required, fine adjustment is possible. Remove the handle, then unscrew and remove the spline adaptor fixing screw and washer. Gently pull the spline adaptor until clear of restriction, rotate a very small amount and push back into place. Reposition incrementally until an improved handle alignment is achieved. With the desired alignment achieved, fit and tighten the spline adaptor fixing screw and washer, then fit the handle.

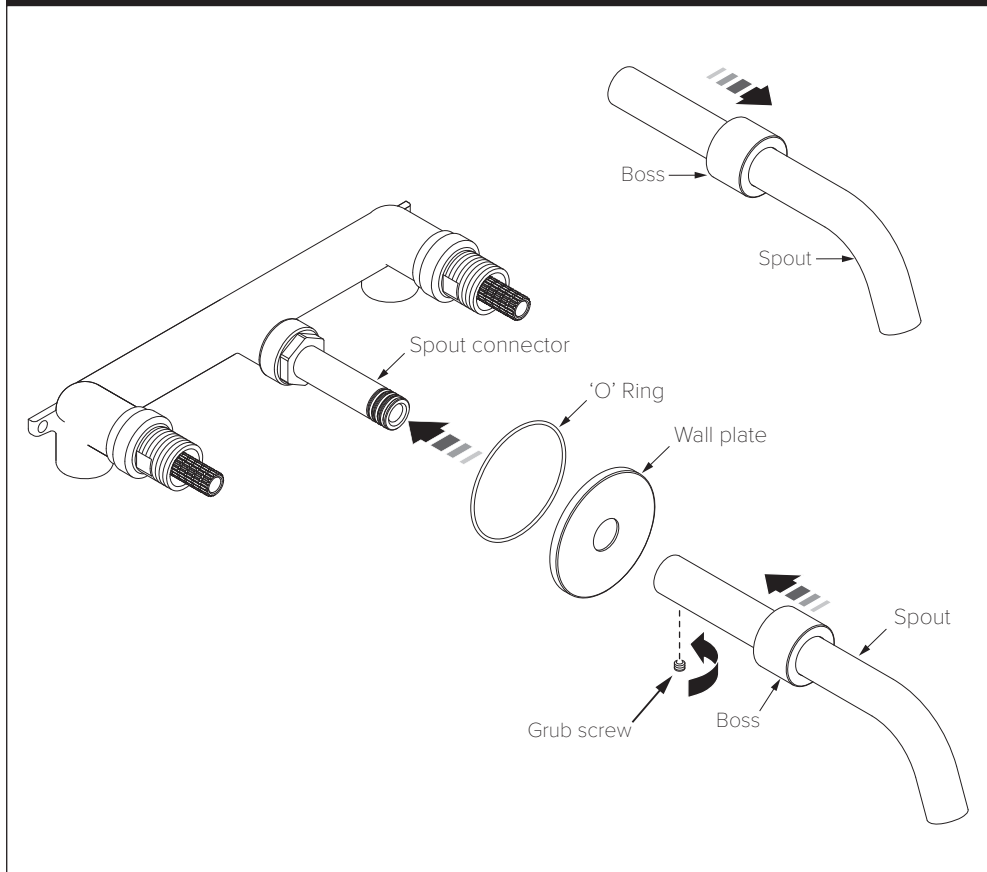
## SPOUT INSTALLATION DIAGRAM (WITHOUT BOSS)



1. Flush out the mixer valve before installing the spout.
2. Ensure that the 'O' ring is located in the rear recess of the wall plate. Locate and slide the wall plate over the spout connector until it comes into contact with the finished wall surface.
3. Push the spout onto the spout connector until it comes to a stop.
4. Align the spout so that the outlet is facing downward. Secure the spout using the grub screw and a suitable hexagonal key.

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## SPOUT INSTALLATION DIAGRAM (WITH BOSS)

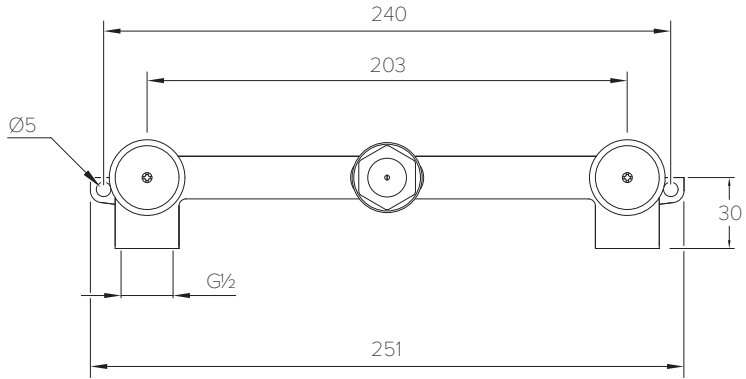
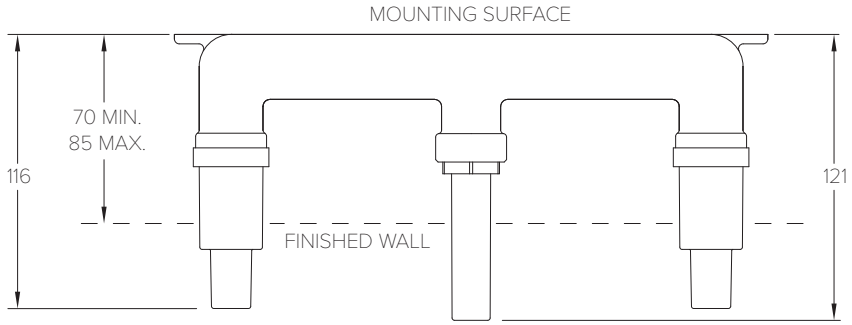


1. Ensure that the two 'O' rings are inserted into the recesses within the boss. Locate and slide the boss onto the spout, passed the grub screw.
2. Flush out the mixer valve before installing the spout.
3. Ensure that the 'O' ring is located in the rear recess of the wall plate. Locate and slide the wall plate over the spout connector until it comes into contact with the finished wall surface.
4. Push the spout onto the spout connector until it comes to a stop.
5. Align the spout so that the outlet is facing downward. Secure the spout using the grub screw and a suitable hexagonal key.
6. Slide the boss along the spout until in contact with the wall plate.

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# VALVE BODY SPECIFICATION (mm)

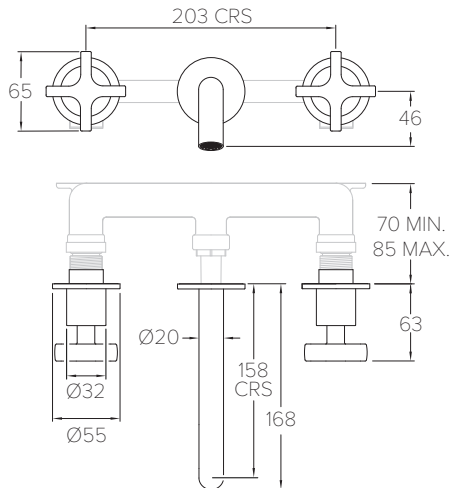


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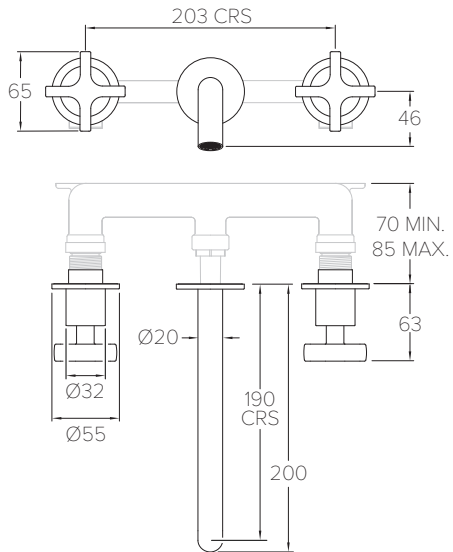
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**BANK SPECIFICATION (mm)**

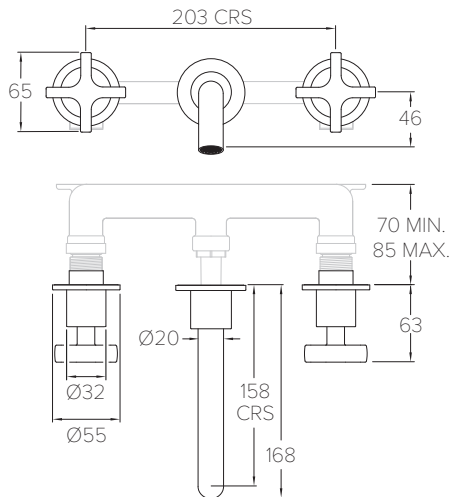
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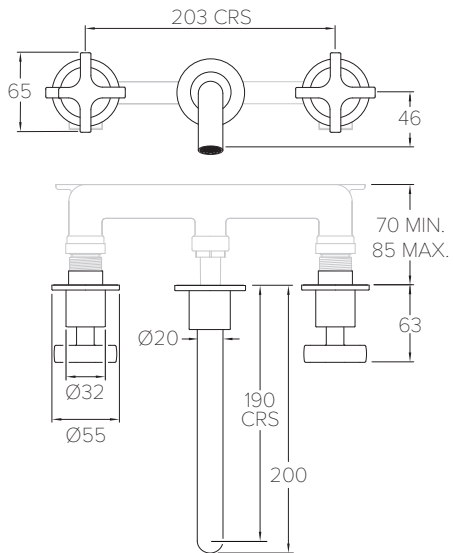
**BA1011**



**BA1018**

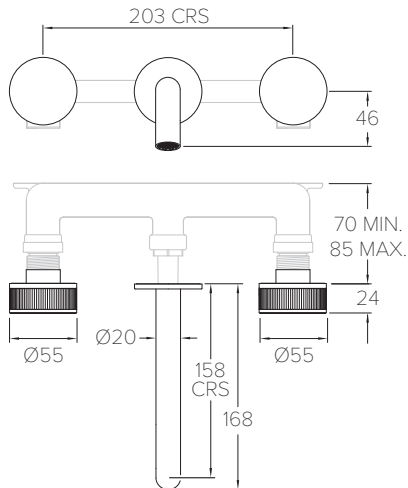


**BA1021**

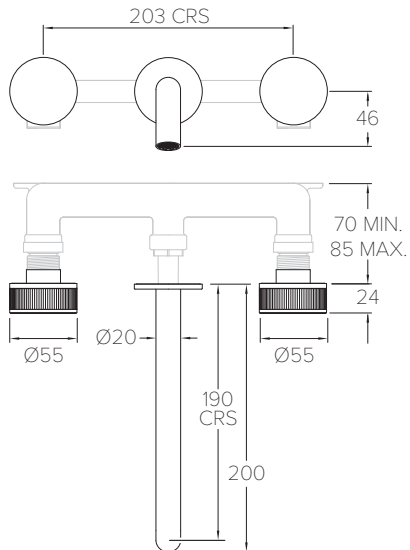


**DECCA SPECIFICATION (mm)**

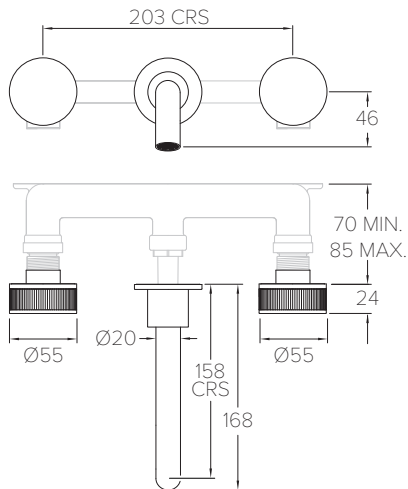
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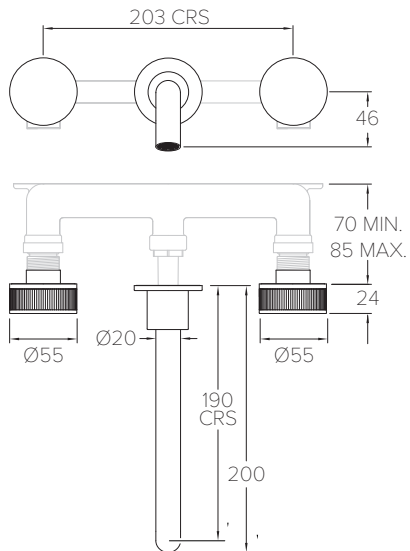
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**DC1018**

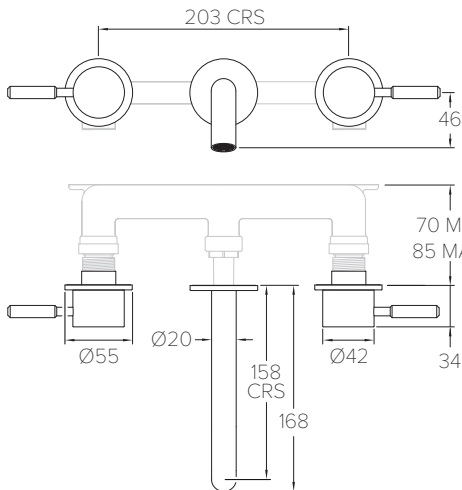


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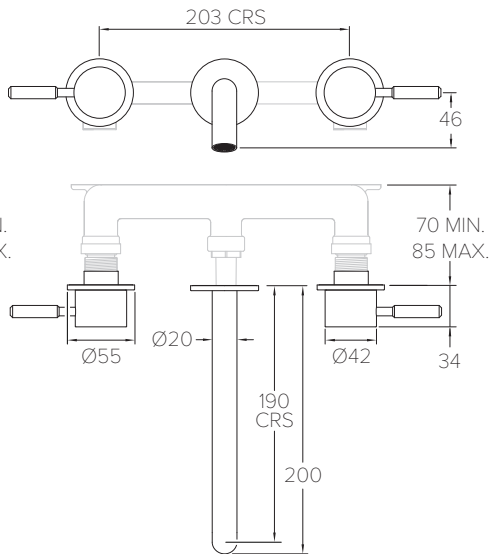


**DOMO SPECIFICATION (mm)**

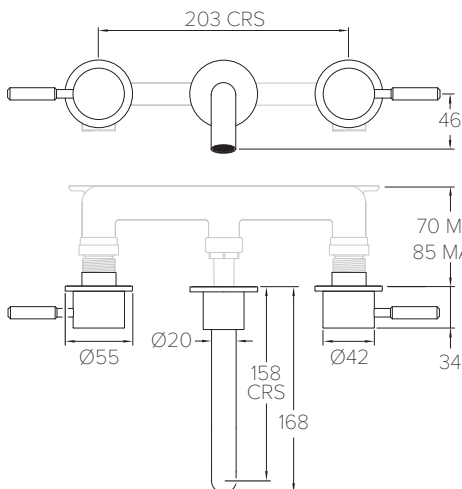
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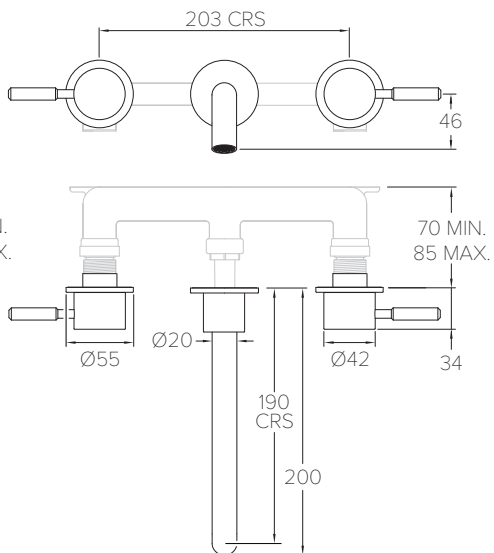
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**DO1018**



**DO1021**



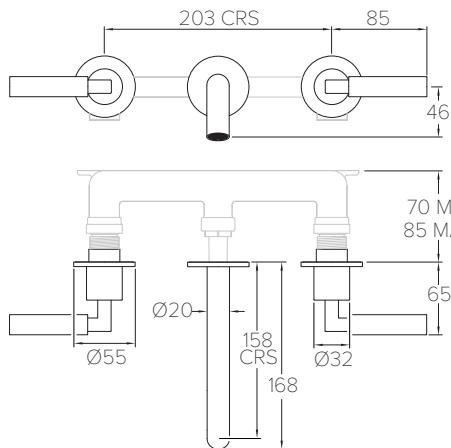
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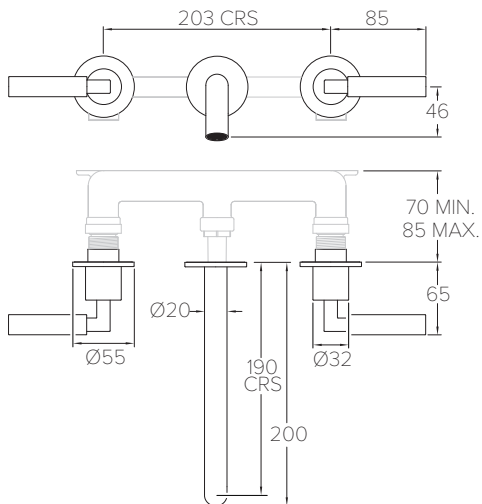


**ZURICH SPECIFICATION (mm)**

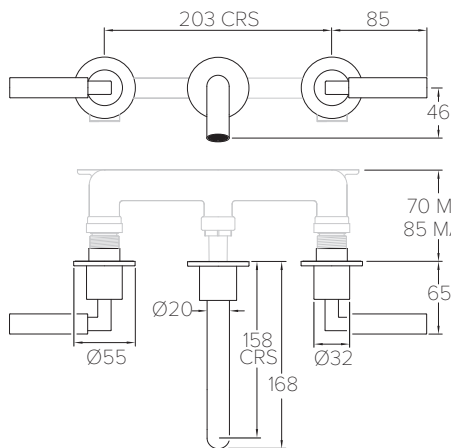
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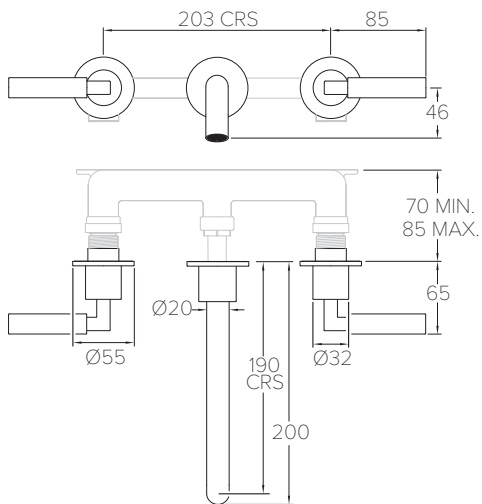
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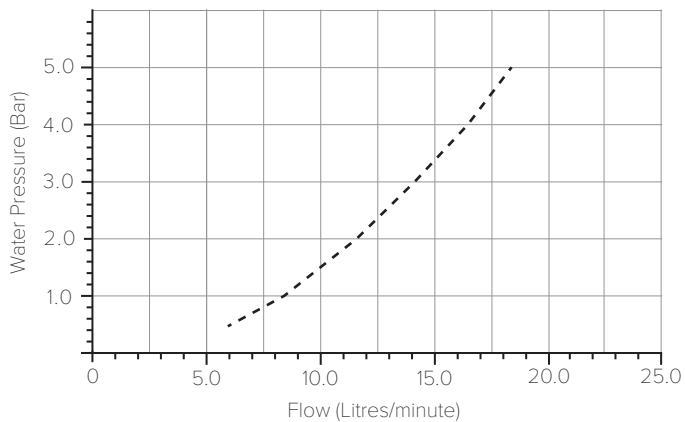


**ZU1021**



## TYPICAL FLOW RATES (ALL MODELS)

Flow rates shown are free-flowing and may vary subject to restrictions created by installation, pipework layout or application.



Water Pressure (Bar)	Outlet (Litres/minute)
0.5	5.9
1.0	8.3
2.0	11.7
3.0	14.1
4.0	16.4
5.0	18.3

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