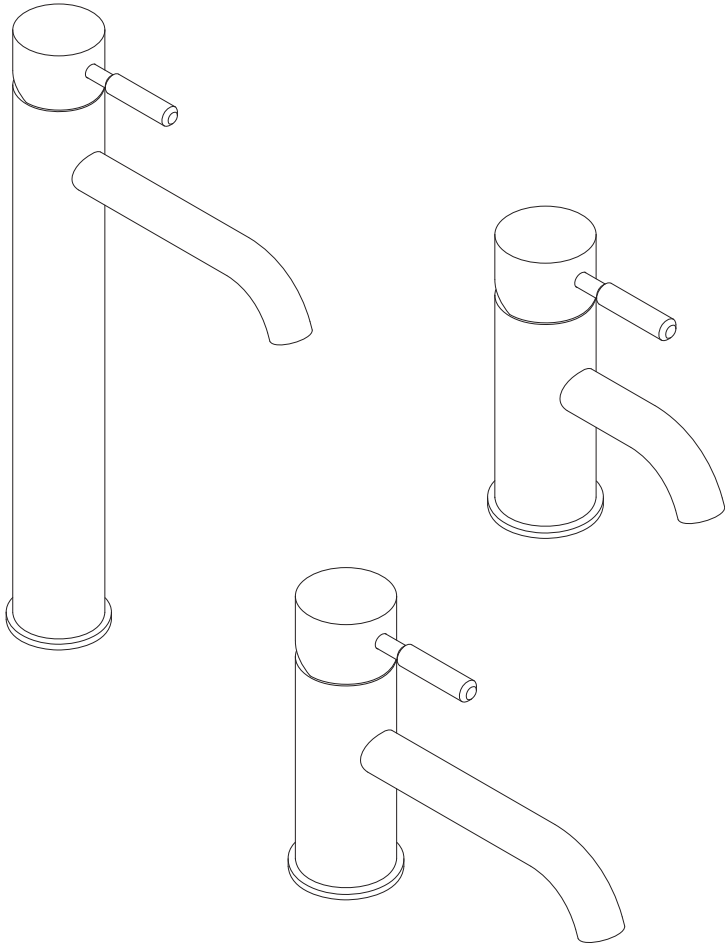


**COALBROOK**



**MONOBLOC MIXER INSTALLATION**

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1022 | 1023 | 1024



### 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 hose, and cold water to the right hose, as viewed from the front.

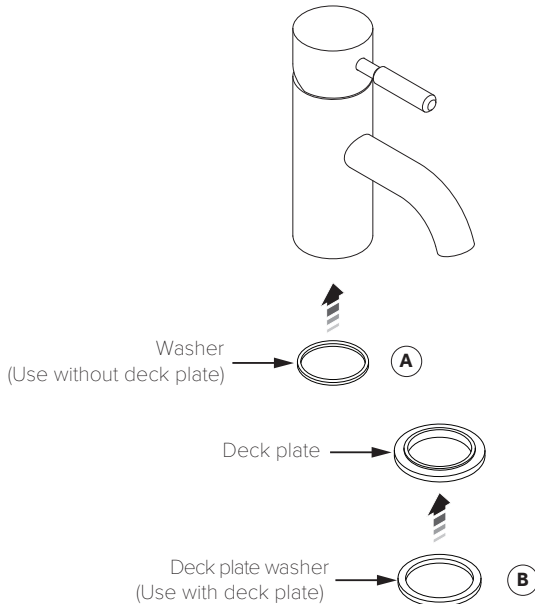
### Balancing flow

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 cartridge. Exterior surfaces should be gently wiped with a dry soft cloth after use to minimise water stains and limescale deposits.

## MONOBLOC MIXER INSTALLATION (STEPS 1 - 3)

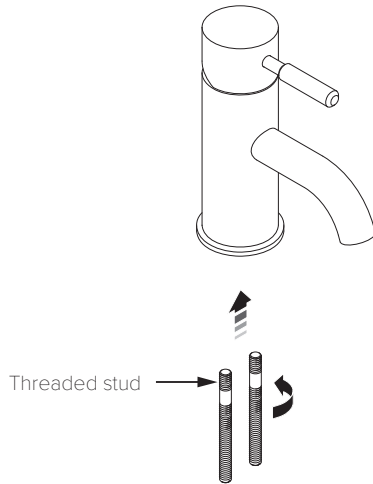


1. Where required, drill a  $\varnothing 34\text{mm}$  hole in the mounting surface.
2. If the hole has been drilled purposefully for this product, the monobloc mixer can be installed with or without the deck plate. Use washer (A) if installing without the deck plate.
3. If the mixer is being installed into a ceramic basin with a pre-existing hole, the deck plate must be used as part of the installation. Use washer (B) if installing with the deck plate.

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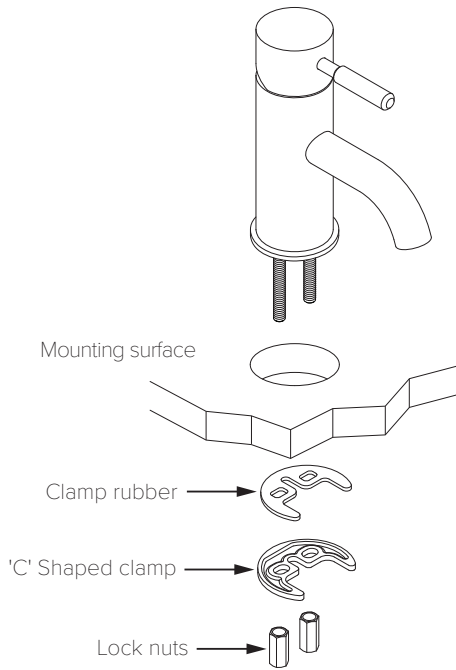
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## MONOBLOC MIXER INSTALLATION (STEPS 4)



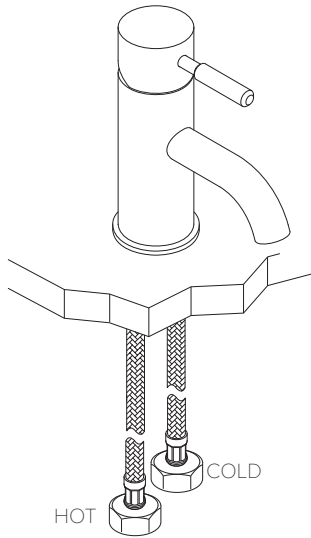
4. Screw the threaded studs into the threaded holes in the underside of the monobloc mixer.

## MONOBLOC MIXER INSTALLATION (STEPS 5 - 7)



5. Locate the monobloc mixer to the hole in the mounting surface.
6. Locate the clamp rubber over the two threaded studs, followed by the 'C' shape clamp.
7. Screw the lock nuts onto the threaded studs and align the monobloc mixer. Tighten the nuts to secure the monobloc mixer in place. Do not over tighten.

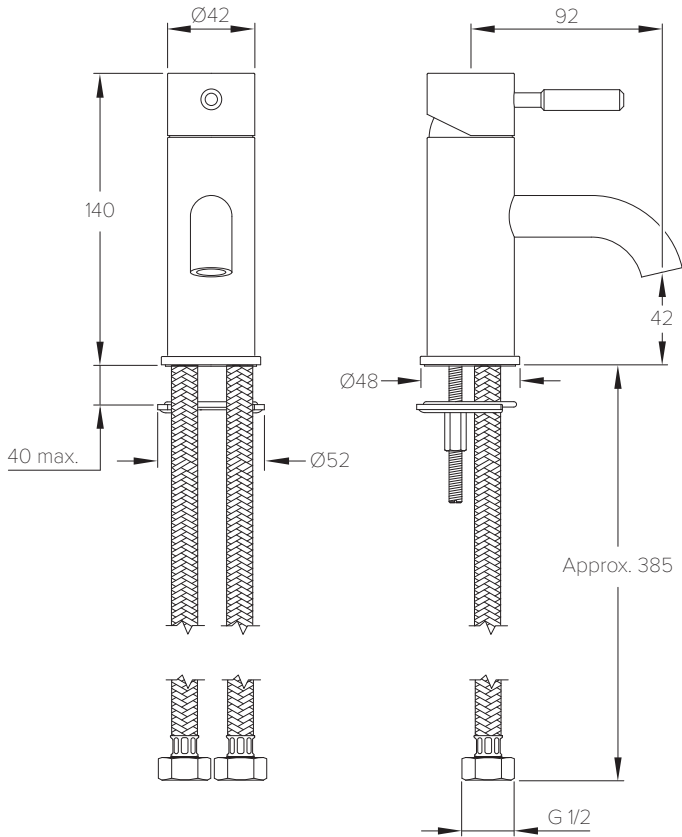
## MONOBLOC MIXER INSTALLATION (STEPS 8 - 9)



8. Assemble the two flexible hoses into the two remaining threaded ports in the underside of the monobloc mixer. The hot connection must be made to the port on the left hand side of the mixer, and the cold connection to the right hand side.
9. Connect hoses to the appropriate hot and cold water supplies. Check all connections for leaks before concealing pipework and finishing installation.

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**SPECIFICATION DIAGRAM (1022 MODELS) (mm)**

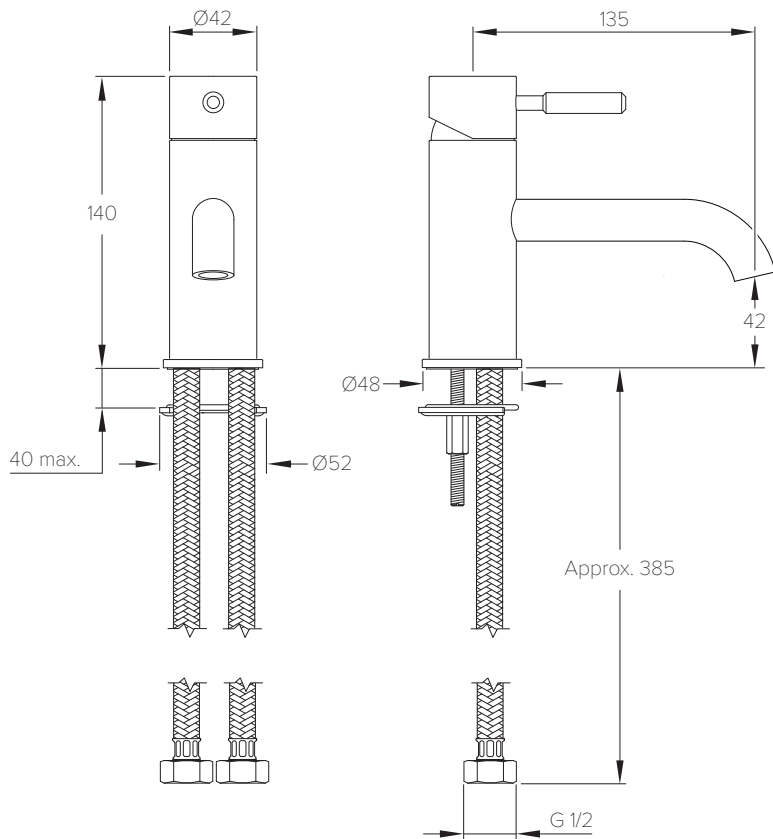


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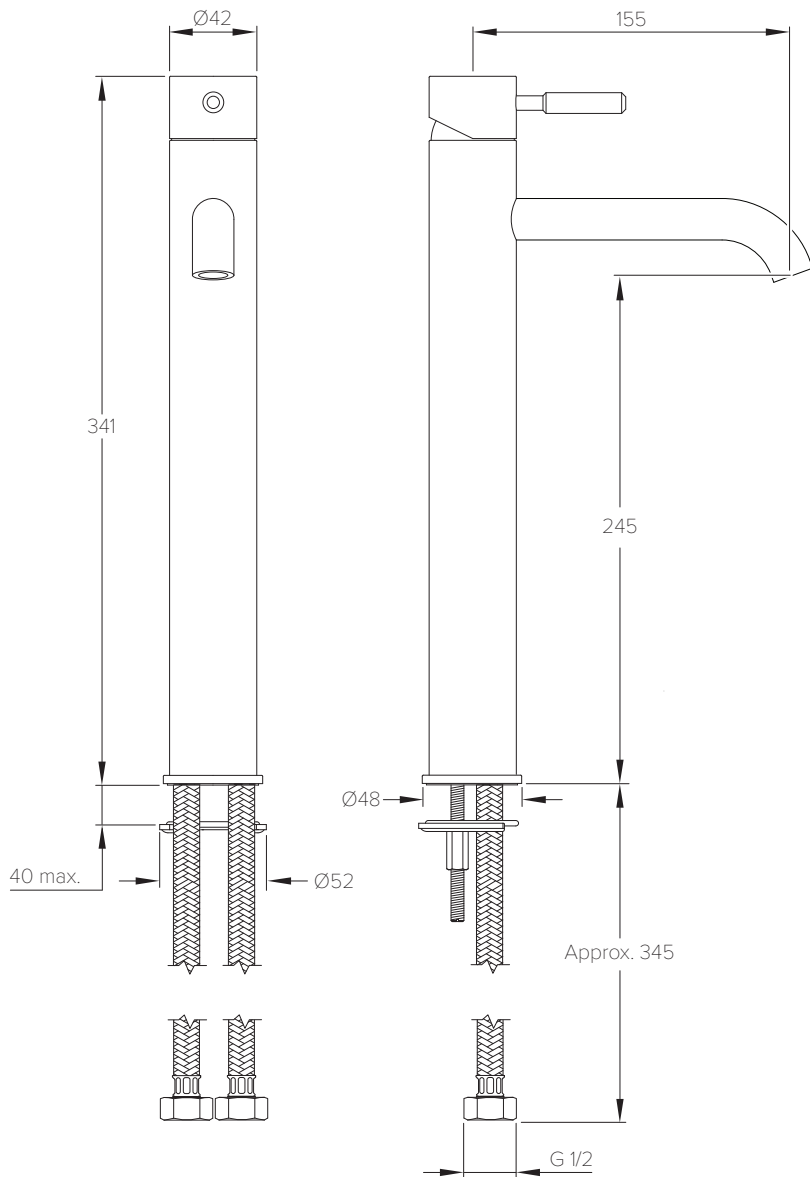


**SPECIFICATION DIAGRAM (1023 MODELS) (mm)**



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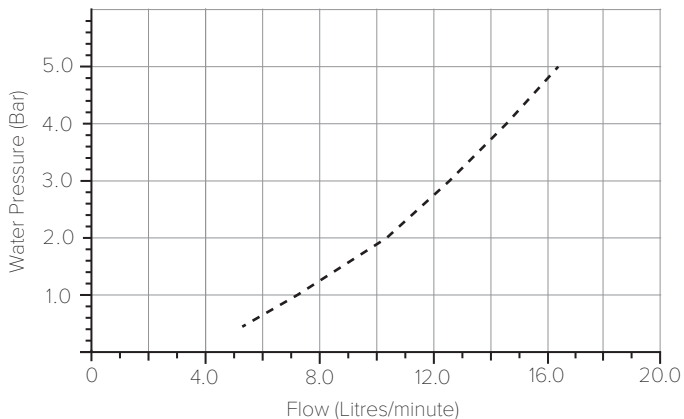
**SPECIFICATION DIAGRAM (1024 MODELS) (mm)**



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## 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	5.2
1.0	7.3
2.0	10.3
3.0	12.7
4.0	14.6
5.0	16.5



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