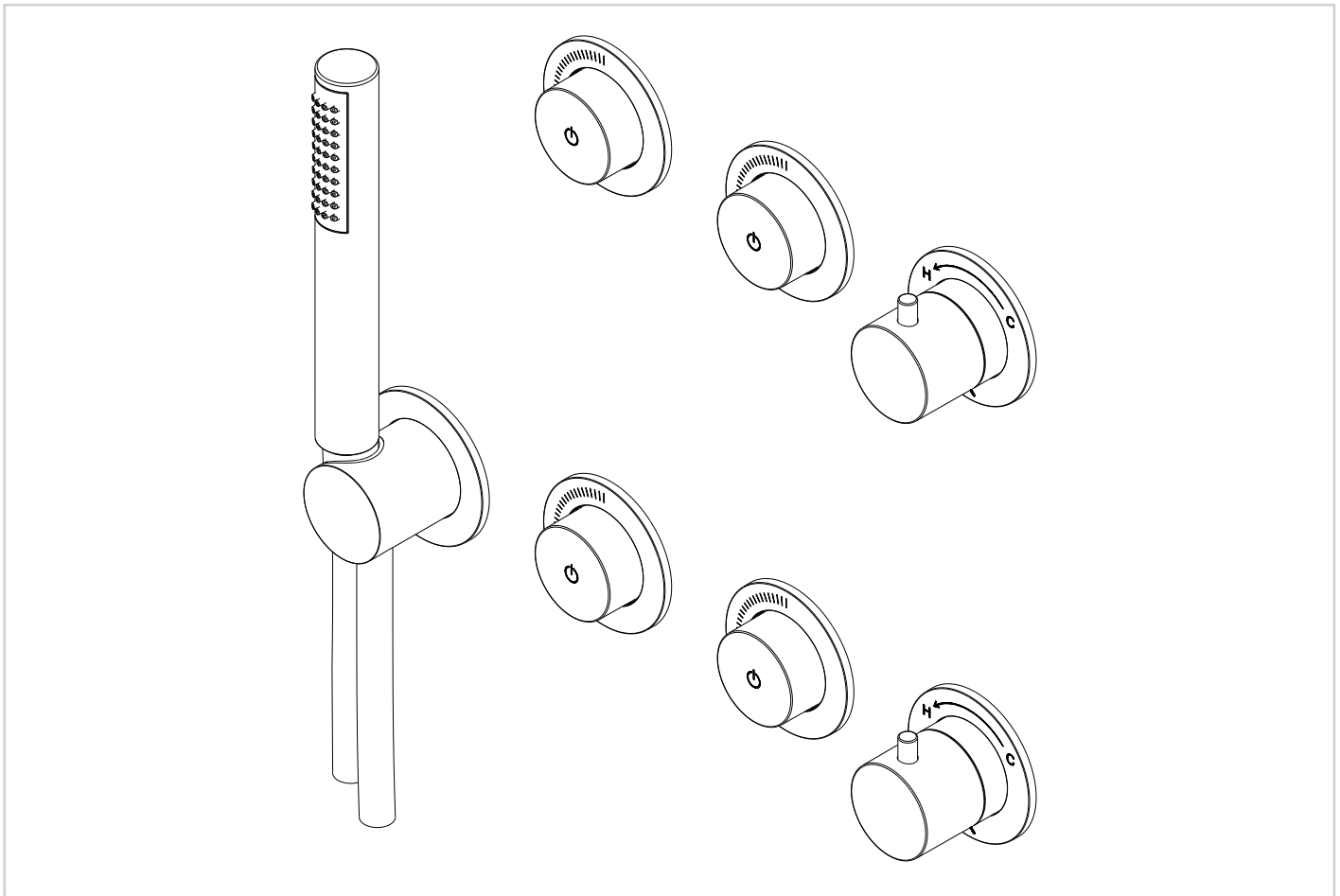


MODULE PUSH

Shower Range



PRODUCT CODES:

PROMODPUSH2000LBPx, PROMODPUSH2701LBPx



IMPORTANT INFORMATION BEFORE YOU START

Please read carefully and keep this information for further reference.

All products manufactured and supplied by Crosswater are safe provided they are installed, used correctly and receive regular maintenance in accordance with these instructions. The product should only be installed by a suitably qualified plumber/installer.

These fittings need to be installed in accordance with, and meet the requirements of the Water Supply (Water Fittings) Regulations 1999 and Scottish Byelaws 2004.

Operating pressure range: Minimum 1 bar, Maximum 5.0 bar.

Maximum static pressure: 10.0 bar.

Note: Nominally equal (balanced) inlet supply pressures are recommended for optimum performance with mixer taps.

Designed for water systems of type 1 and 2 general technical specifications and to be used within systems designed to BS 6700.

BS 6700 recommends the temperature of stored water should never exceed 65°C.

A stored water temperature of 60°C is considered sufficient to meet all normal requirements and will minimise the build up of lime scale in hard water areas.

BEFORE YOU START

Important Pre-Installation Notes

Remove all packaging and check the fitting for damage before starting installation.

Warning: Before starting any installation please consider the following: before drilling into walls, check that there are no hidden electrical wires, cables or water supply pipes. This can be checked with the aid of an electronic detector.

If power tools are used do not forget to: -

Wear eye protection

Unplug equipment after use

Important:

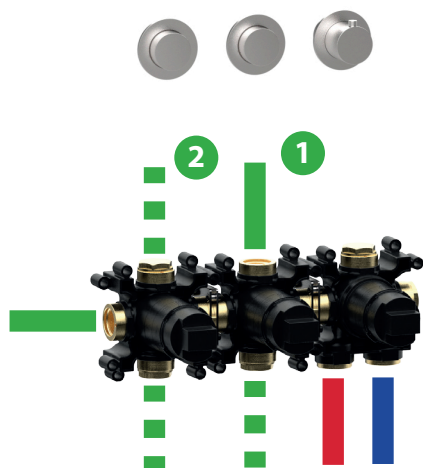
Remember to turn off the mains water supply before connecting to any existing pipe work. Fitting isolating valves to the inlet feeds is recommended for ease of maintenance.

Warning: Before installing the new fitting it is essential that you thoroughly flush through the pipework in order to remove any remaining swarf, solder, etc. Failure to carry out this procedure could cause problems or damage to the workings of the fitting.

Take care when handling the 'flexible connecting pipes', do not bend, twist or crush them.

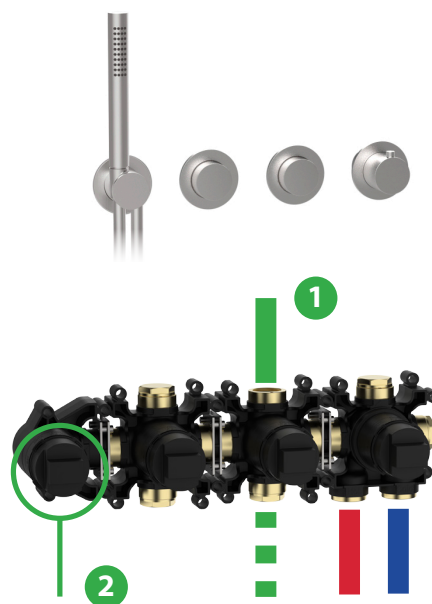
TECHNICAL INFORMATION

1



E176908		
PRESSURE	FLOW RATE L/min	
	EXIT 1	EXIT 2
0.5	8	7.5
1	12.2	11.7
2	17.6	17.2
3	21.7	21.2
4	25	24.5
5	28	27.3

2



E176910		
PRESSURE	FLOW RATE L/min	
	EXIT 1	EXIT 2
0.5	8	7.5
1	12.2	11.7
2	17.6	17.2
3	21.7	21.2
4	25	24.5
5	28	27.3

3



MIN 0.5 BAR
MAX 5 BAR
BEST 3 BAR



In case of water pressure higher than 5 bar we recommend installing pressure reducers



MIN 3°C
BEST 15°C



MAX 70°C
BEST 65°C



SAFETY LOCK AT 41°C



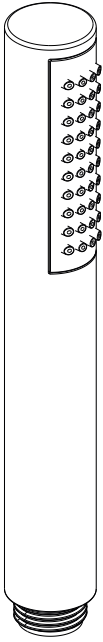
RECOMMENDED THERMAL DIFFERENTIAL 50°C

PACKAGE CONTENT

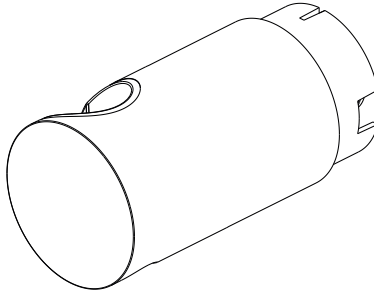
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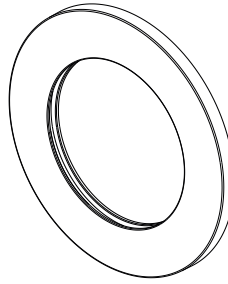
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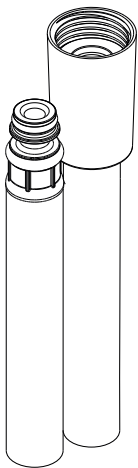
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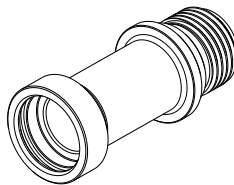
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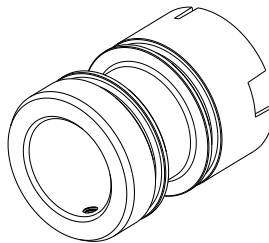
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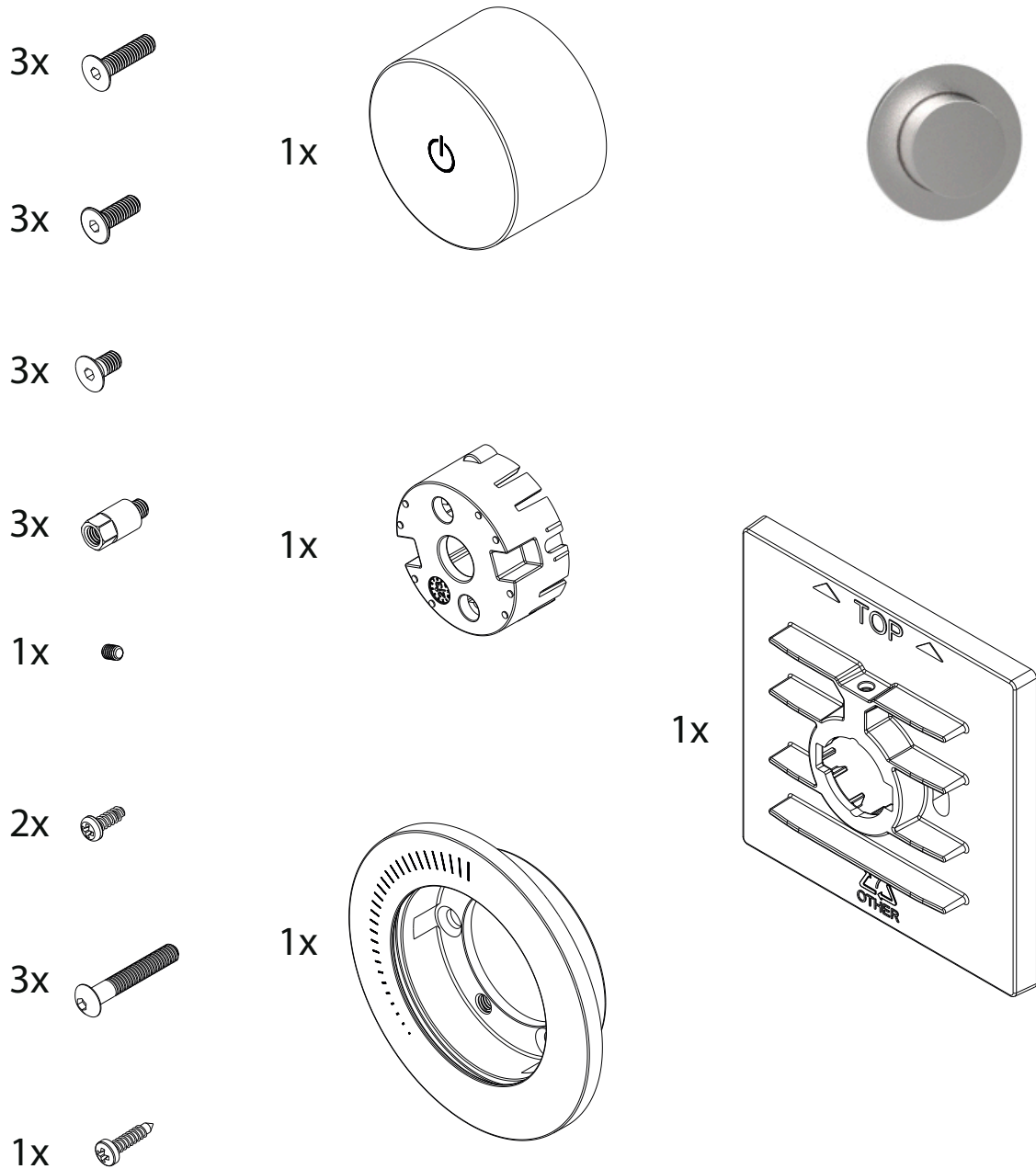
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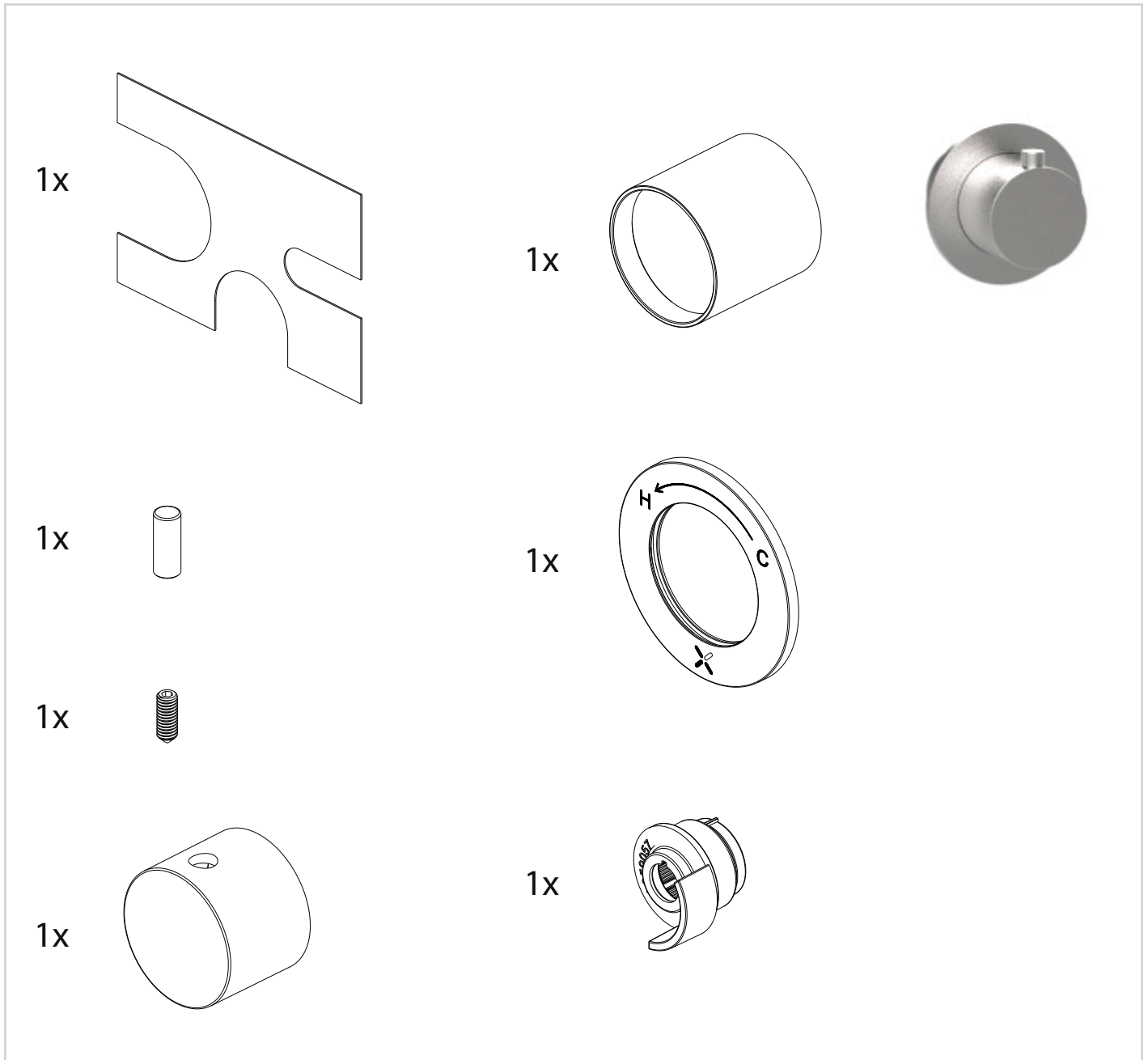
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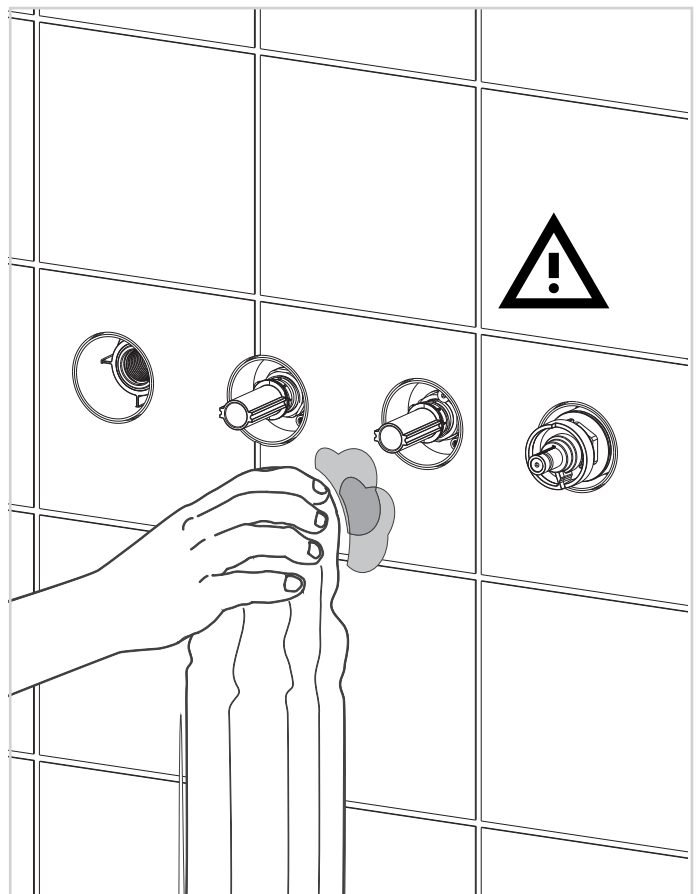
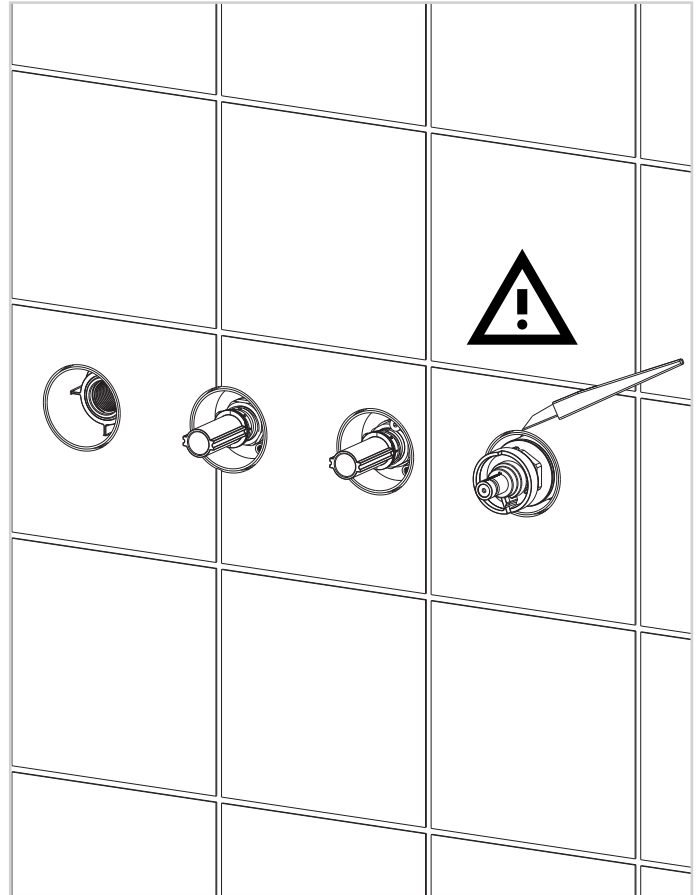
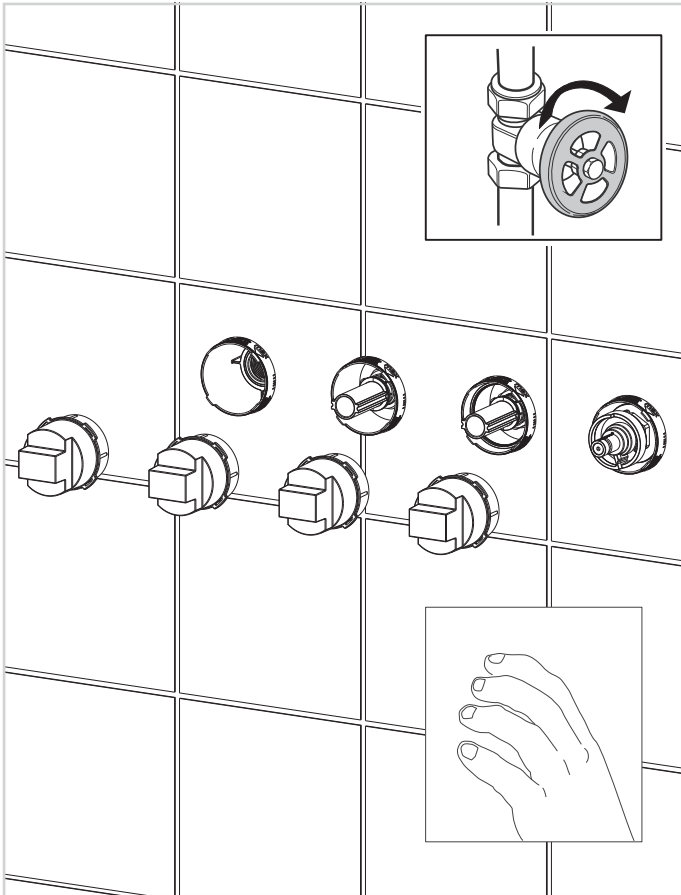
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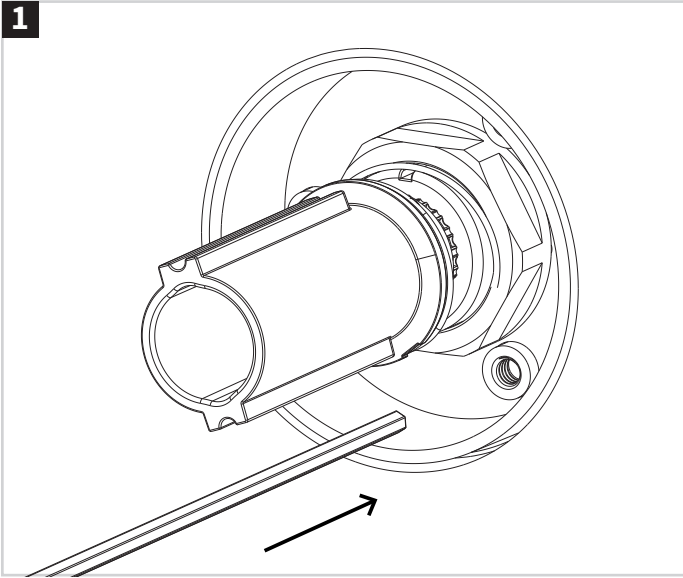


PRE-INSTALLATION

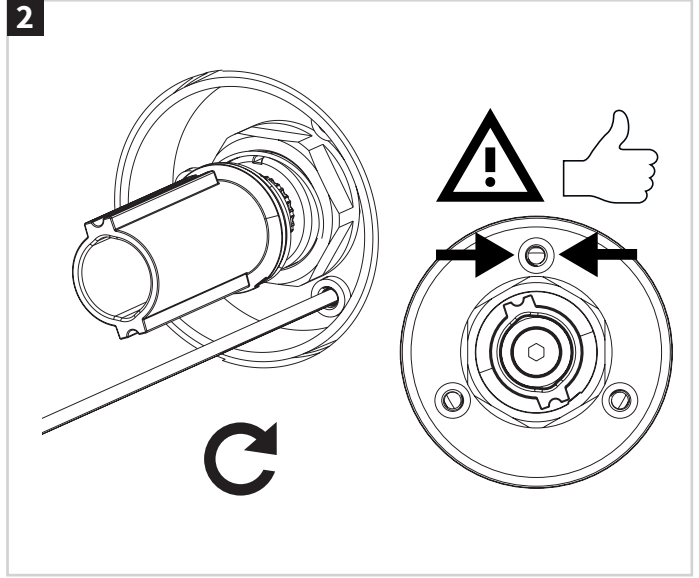


FLOW CONTROL INSTALLATION

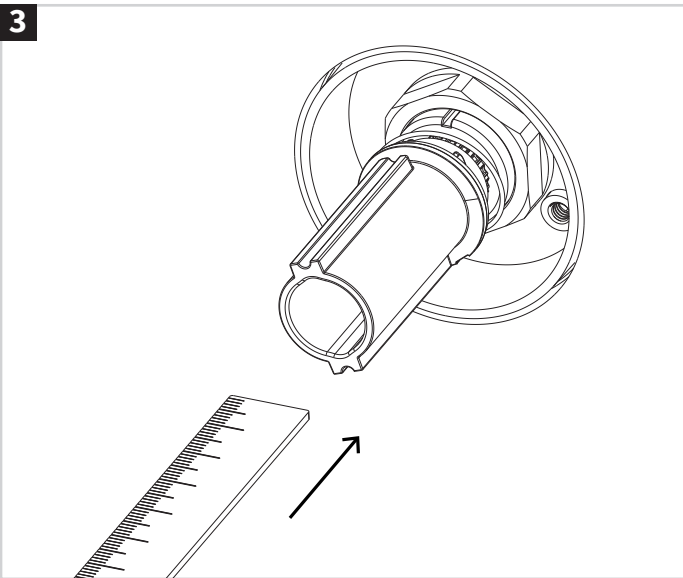
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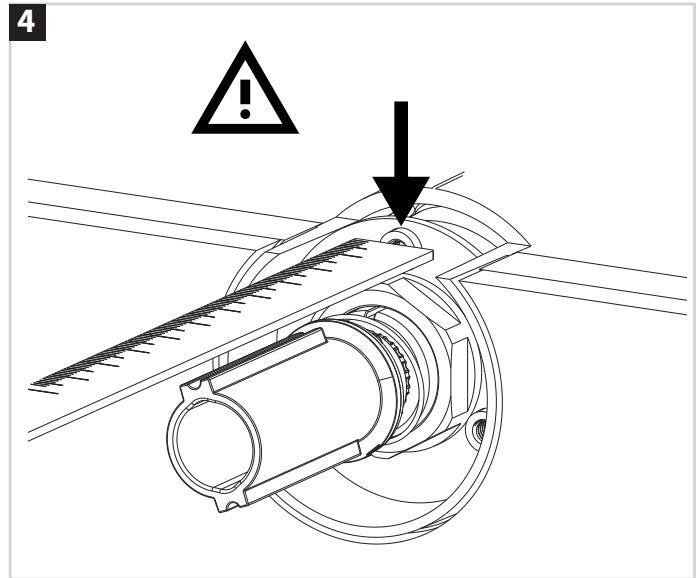
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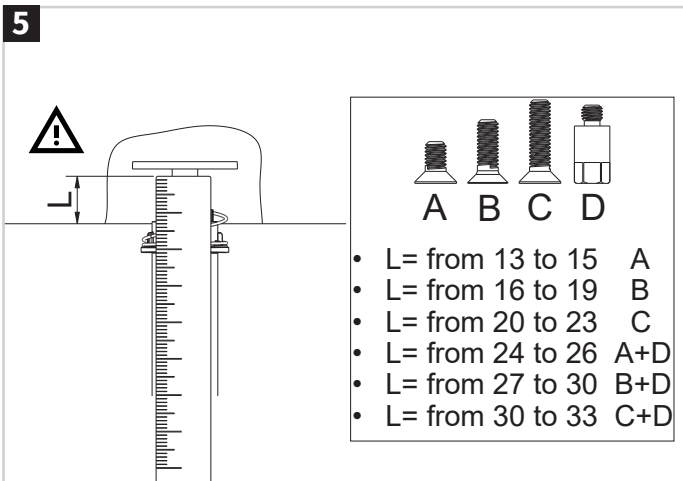
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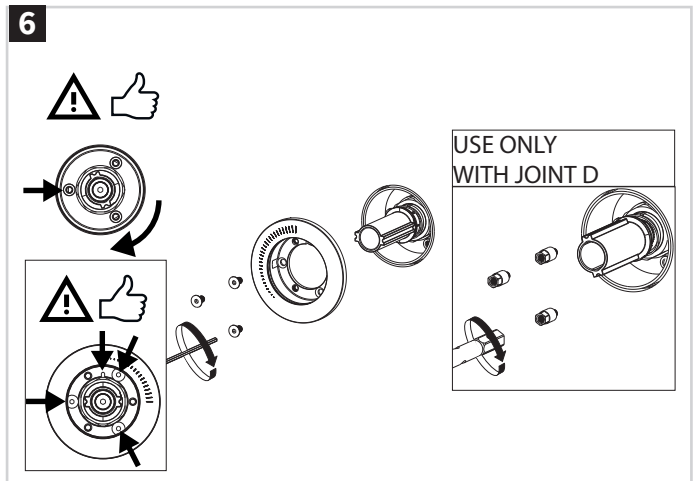
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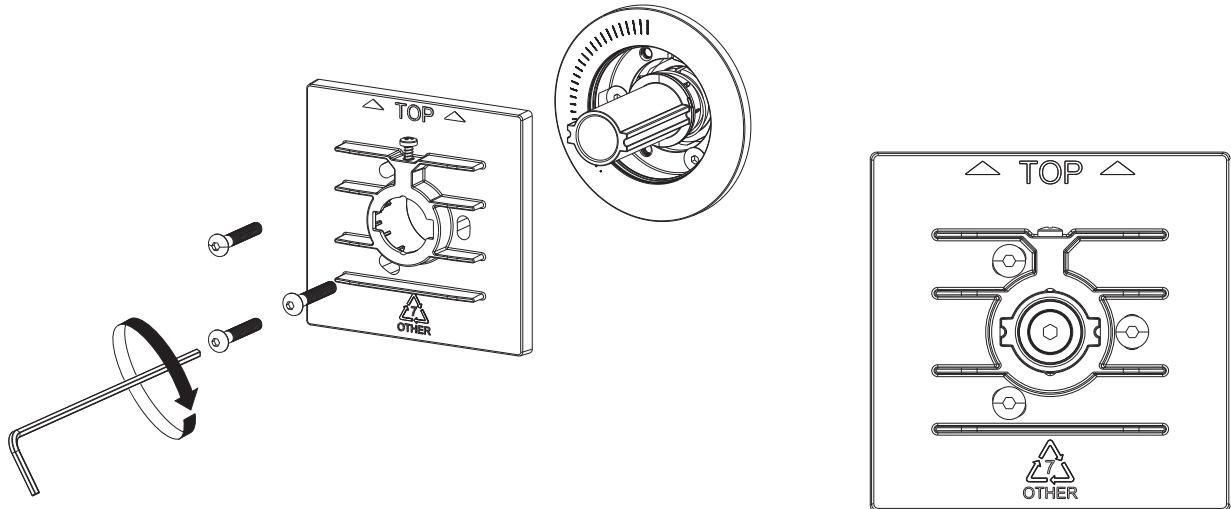


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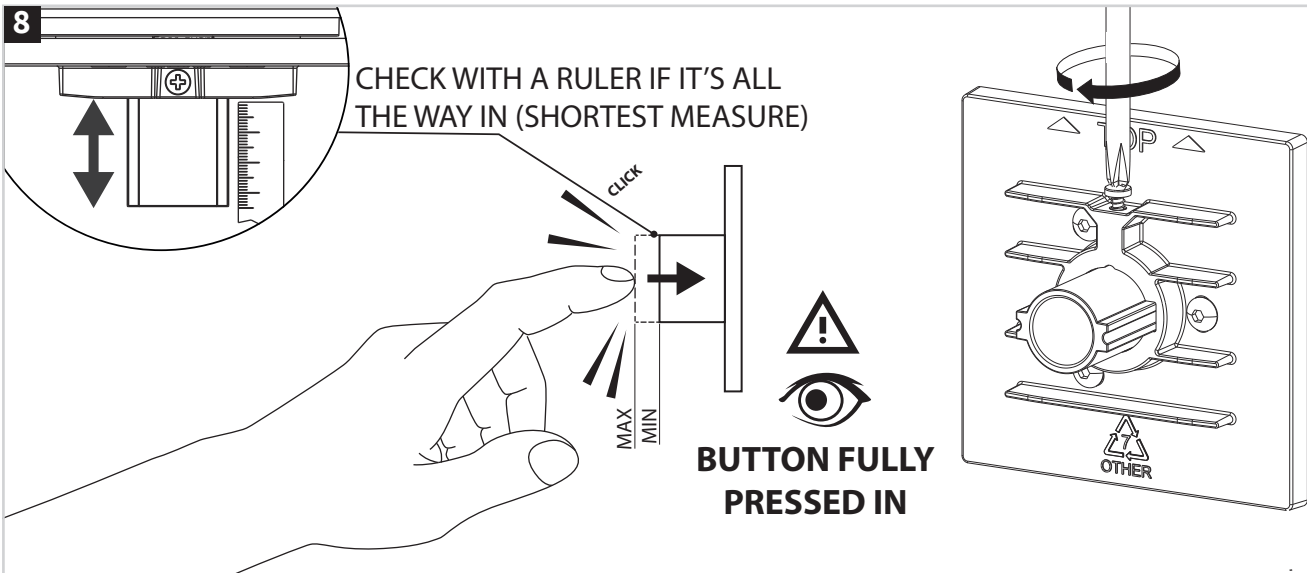


FLOW CONTROL INSTALLATION

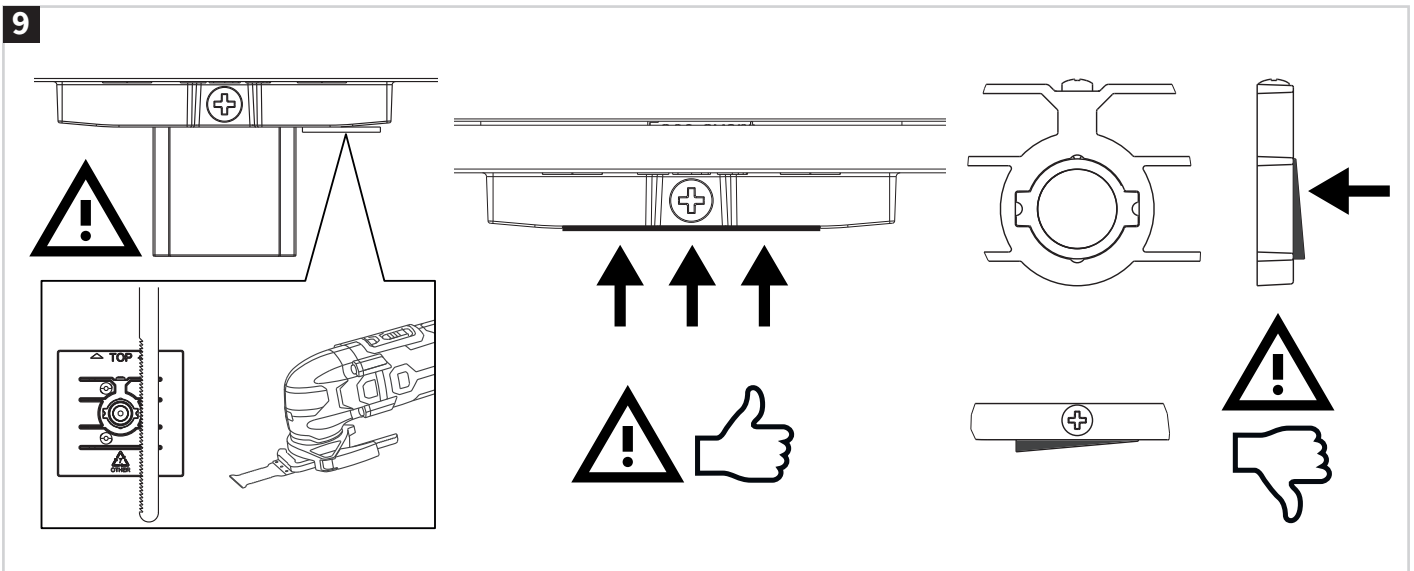
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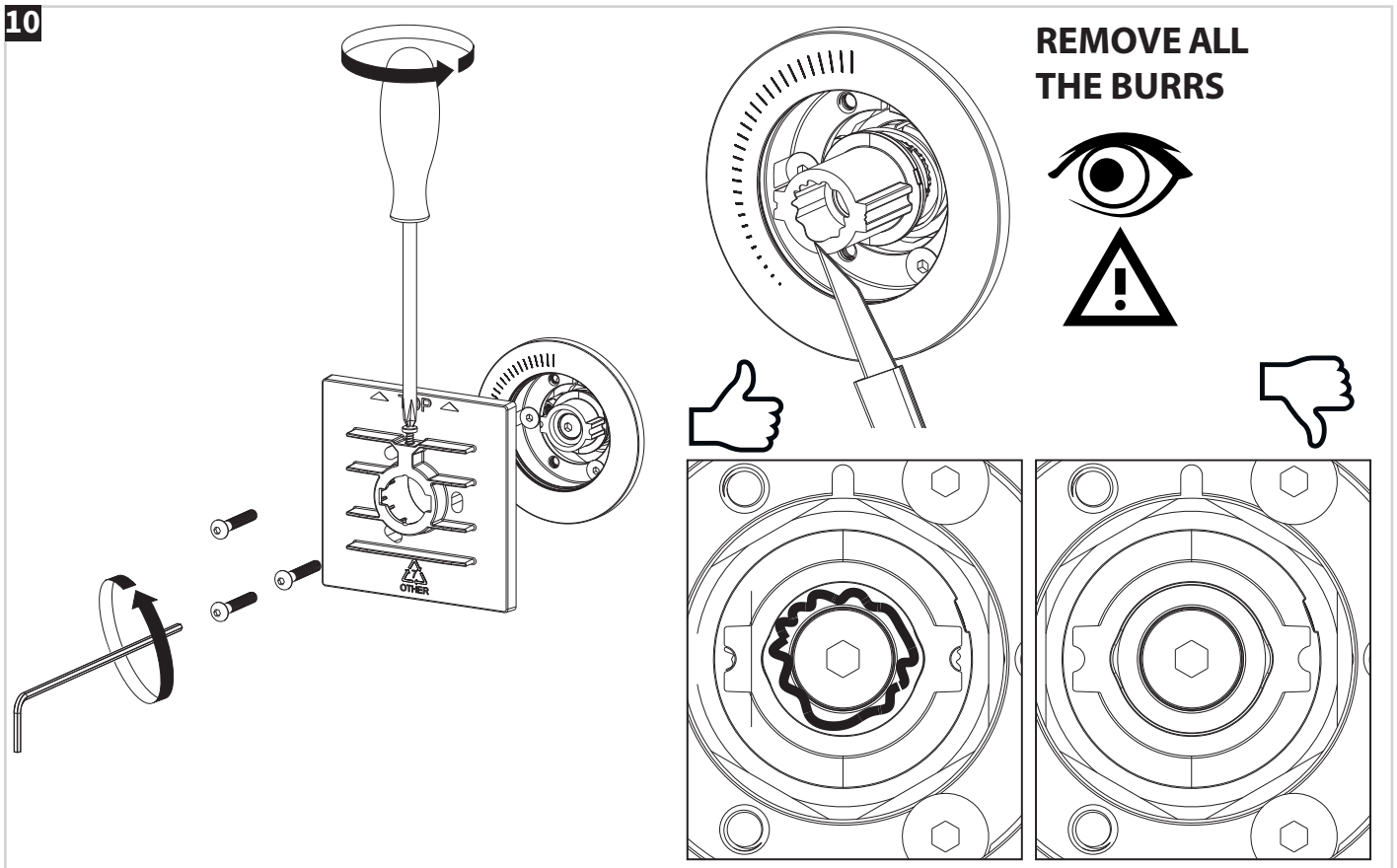


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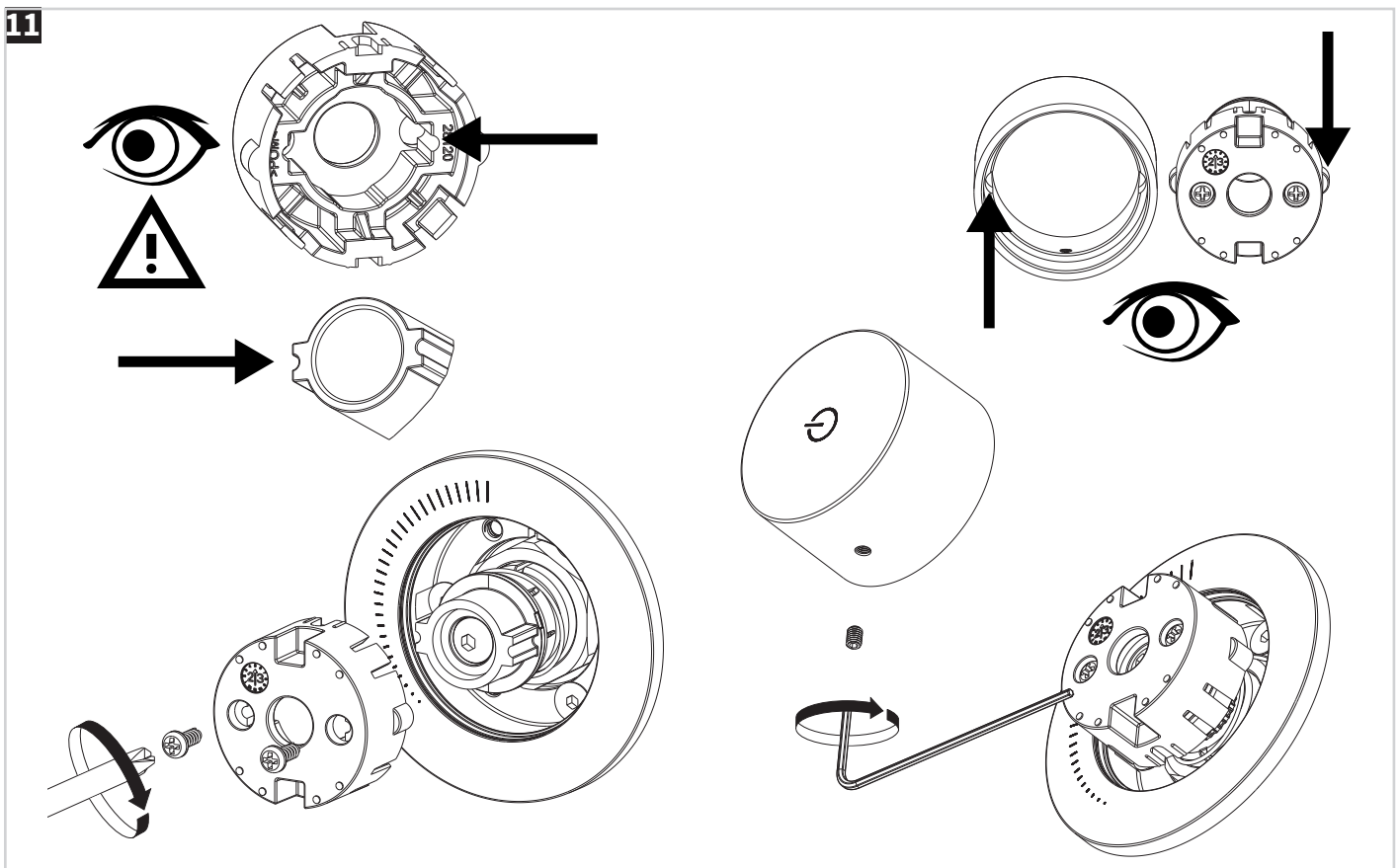


FLOW CONTROL INSTALLATION

10

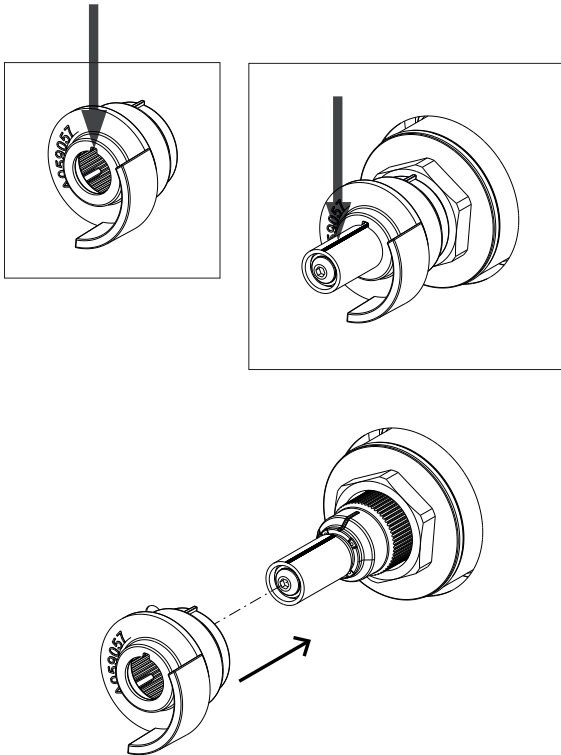


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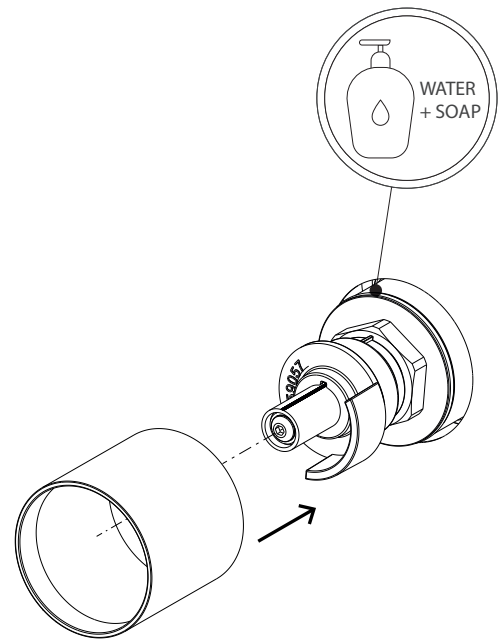


TEMPERATURE CONTROL INSTALLATION

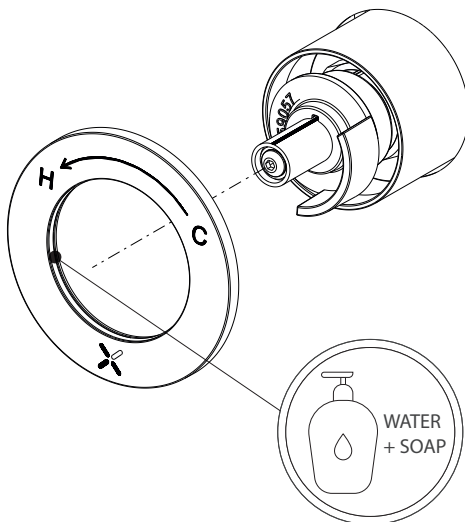
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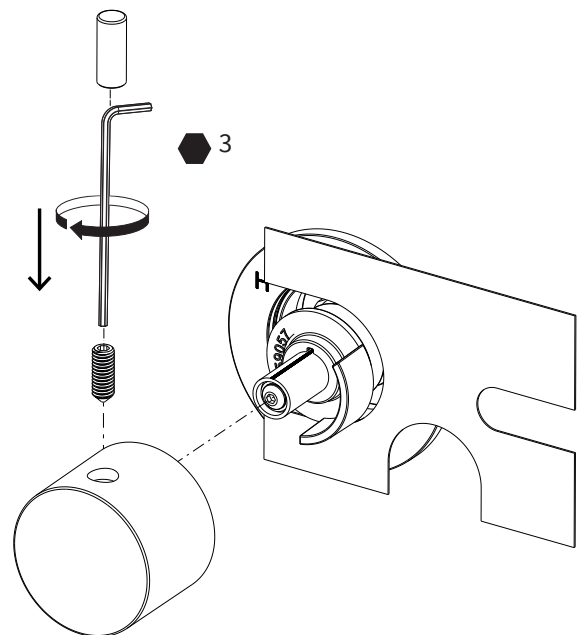
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3

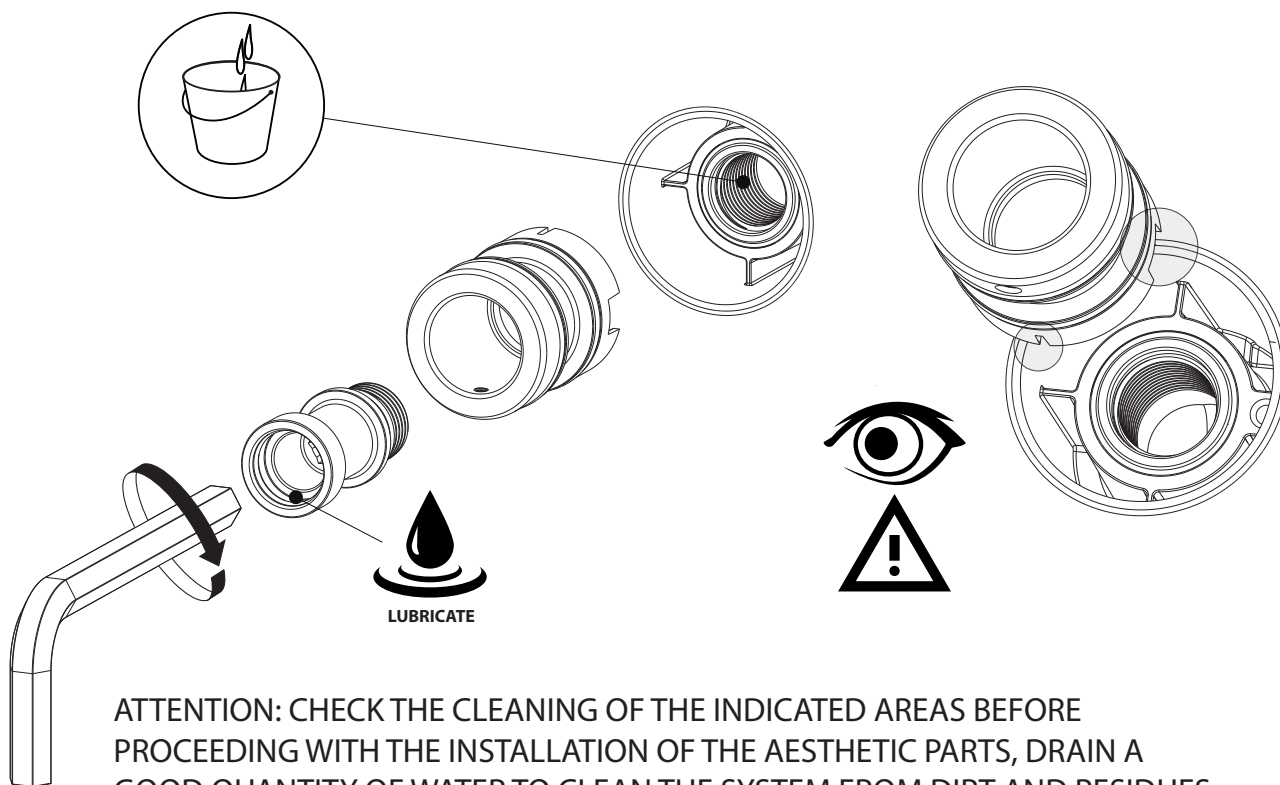


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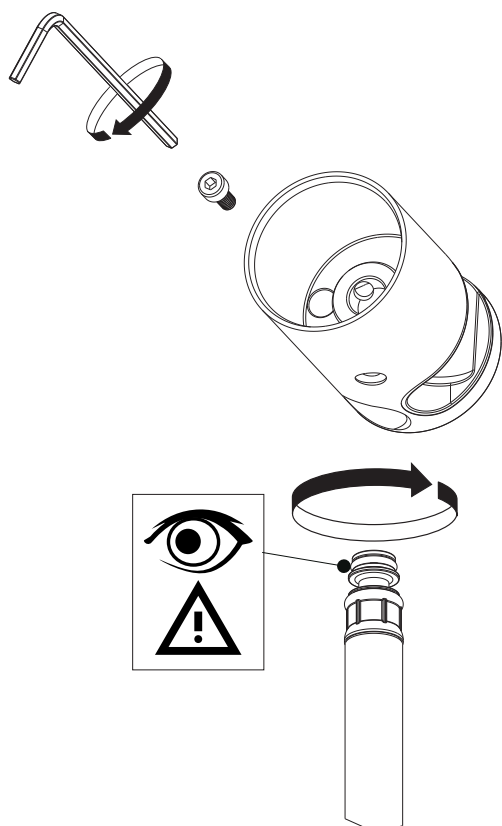
WALL OUTLET INSTALLATION

1

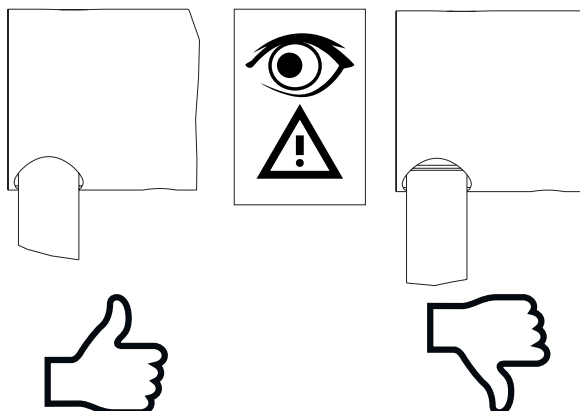


ATTENTION: CHECK THE CLEANING OF THE INDICATED AREAS BEFORE PROCEEDING WITH THE INSTALLATION OF THE AESTHETIC PARTS, DRAIN A GOOD QUANTITY OF WATER TO CLEAN THE SYSTEM FROM DIRT AND RESIDUES.

2

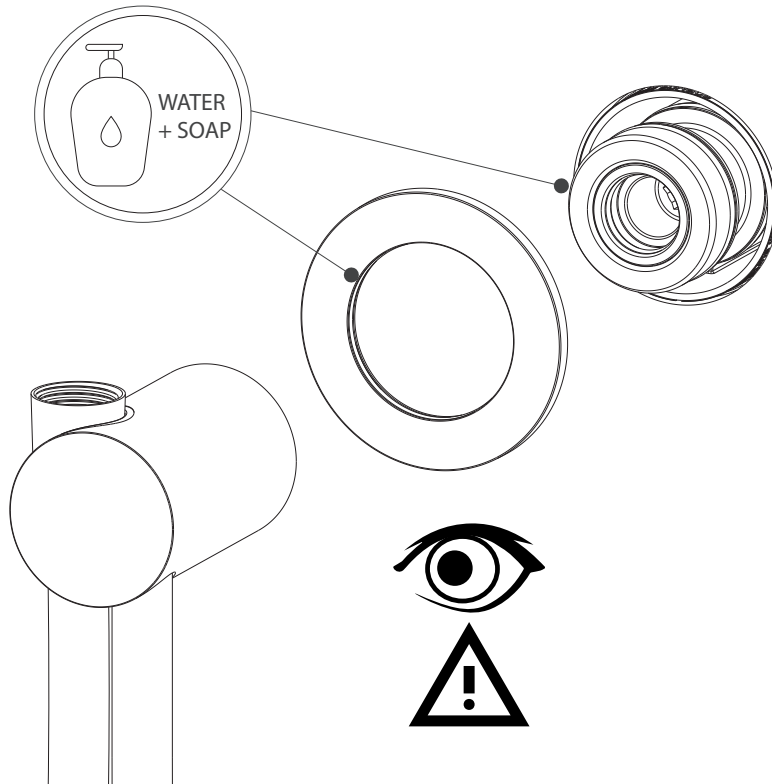


ATTENTION:
CHECK THE CORRECT POSITION OF THE HOSE

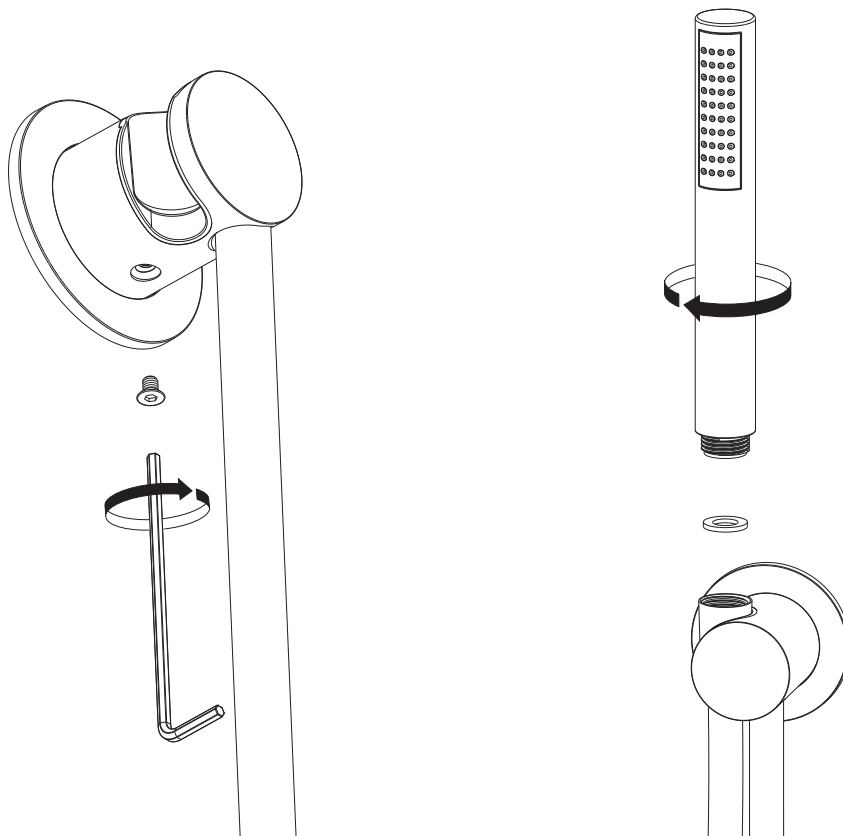


WALL OUTLET INSTALLATION

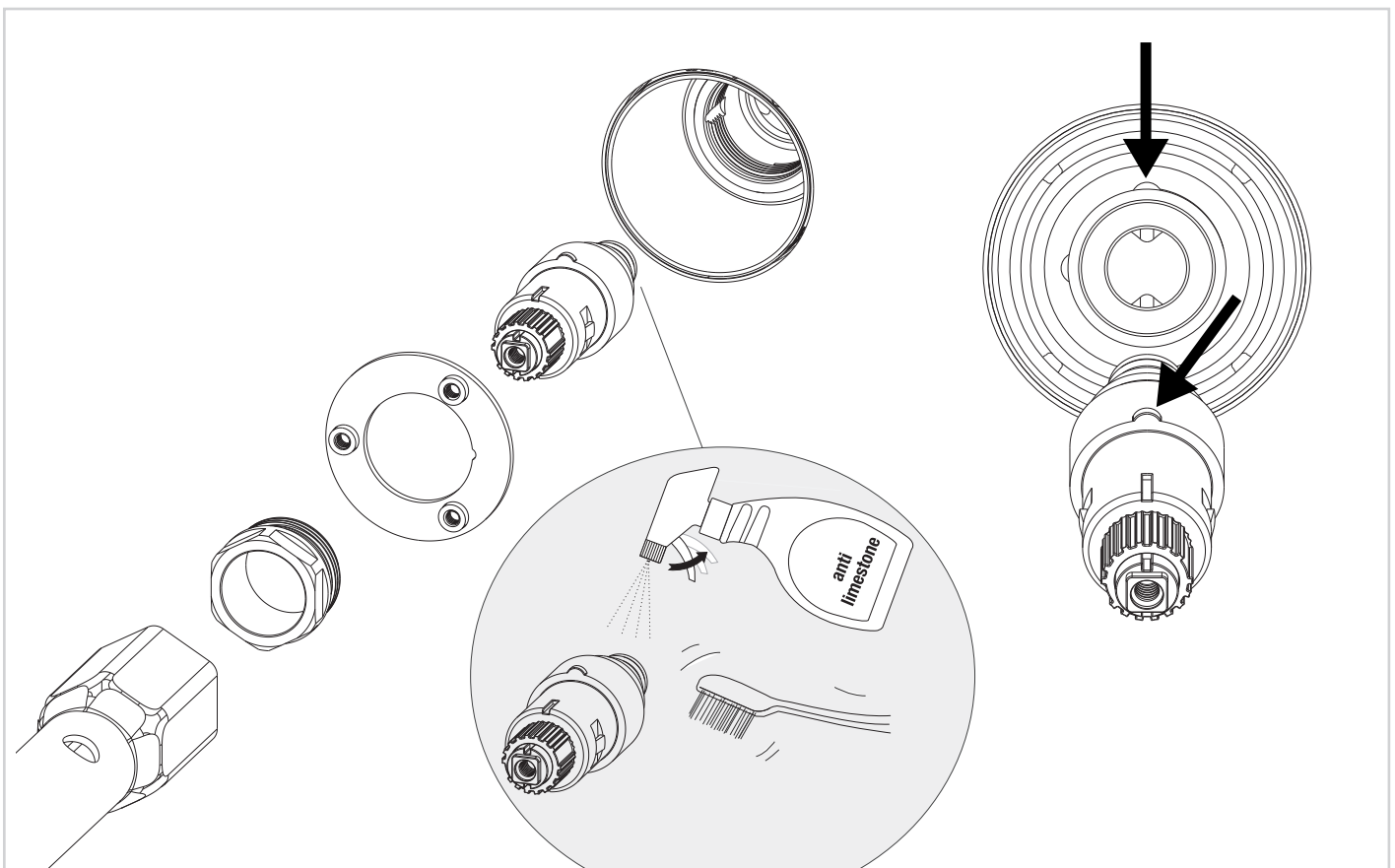
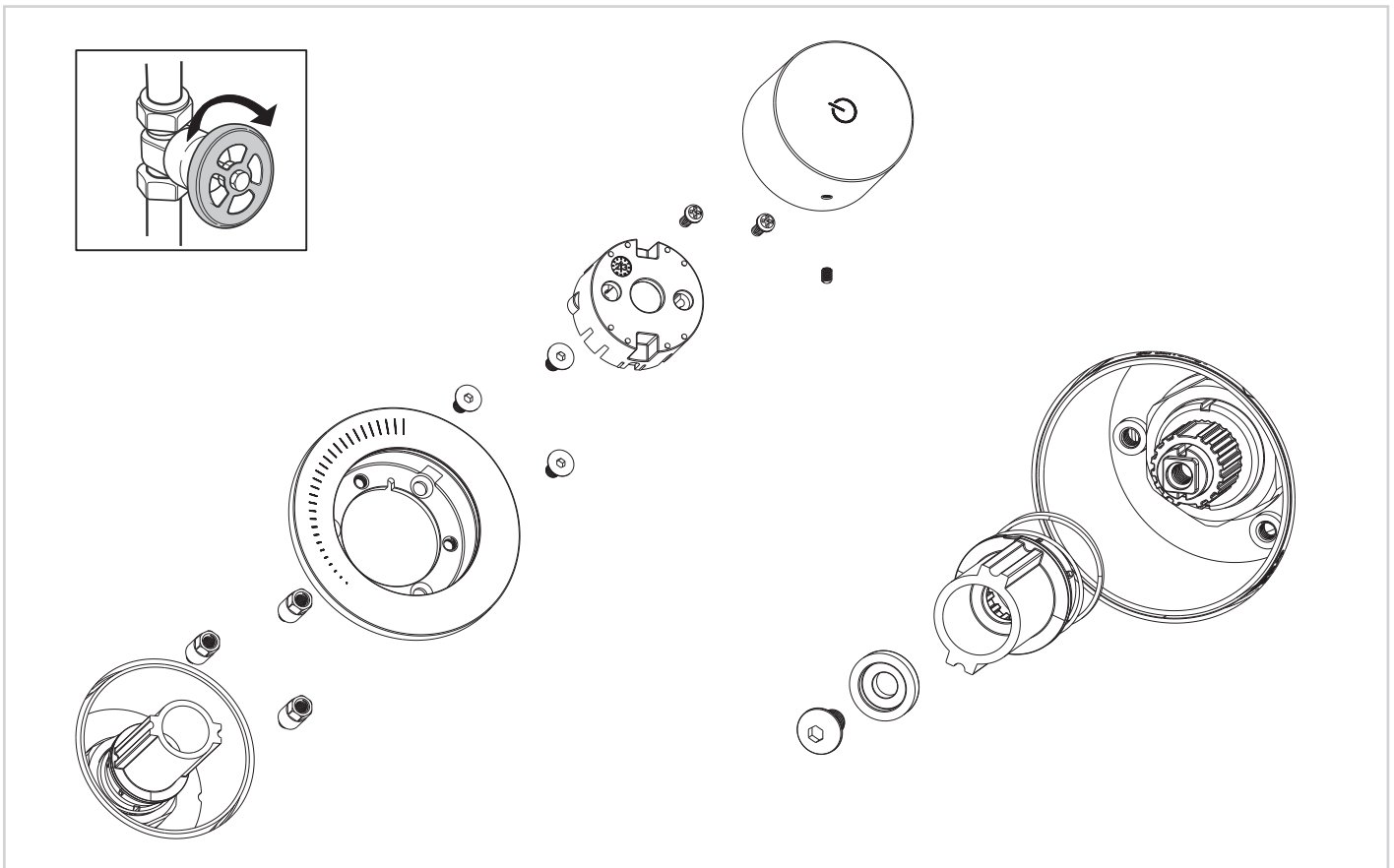
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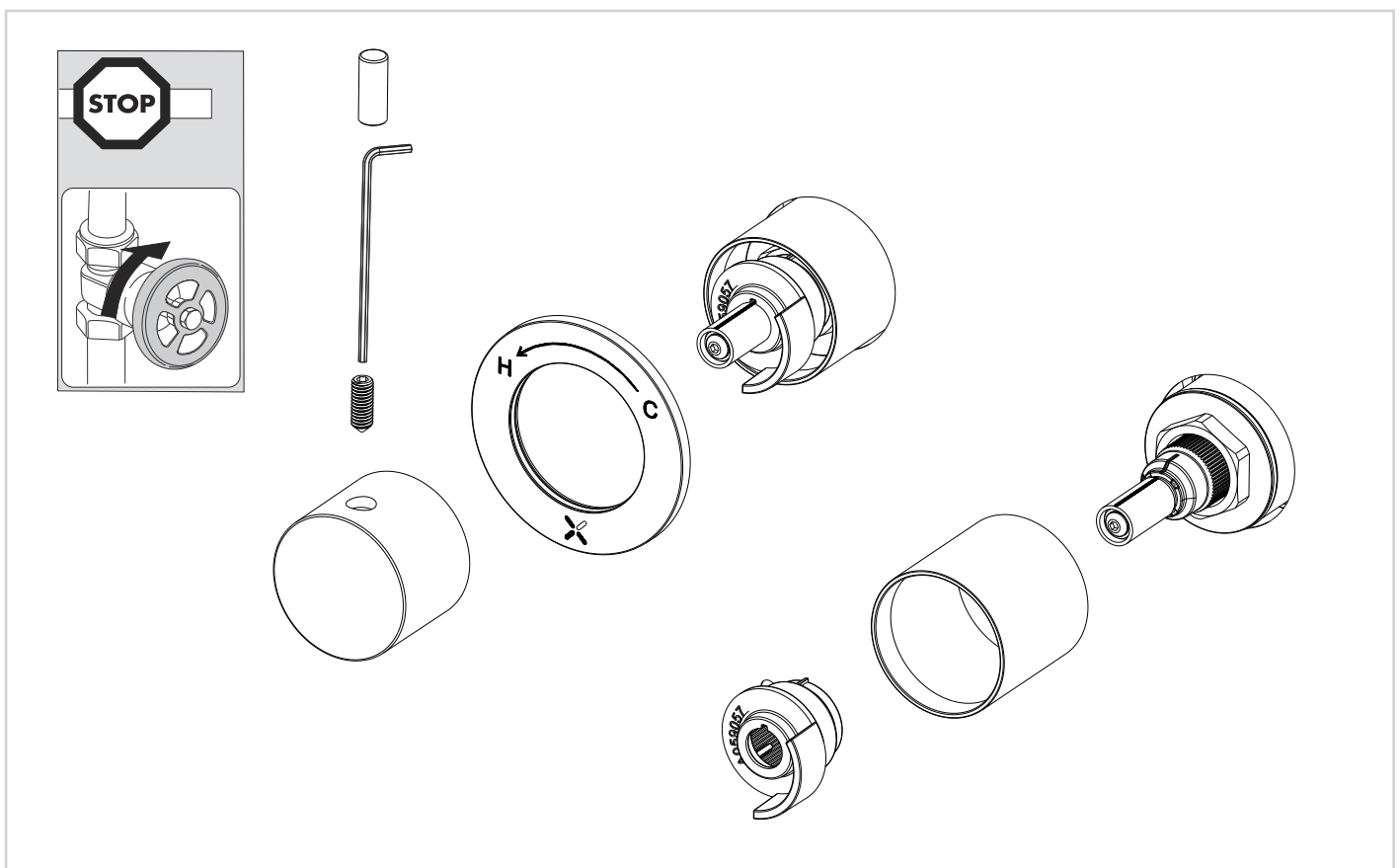
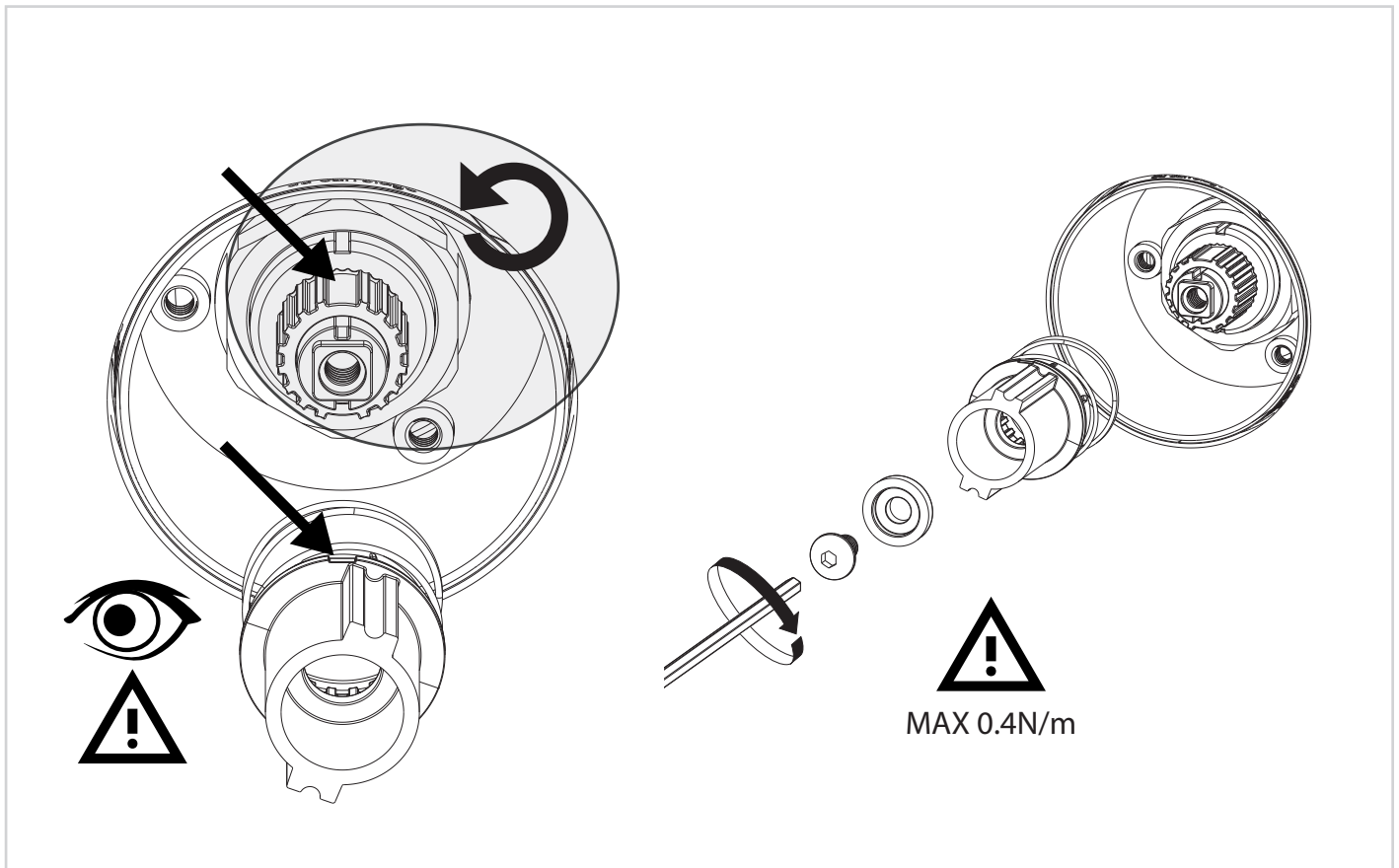
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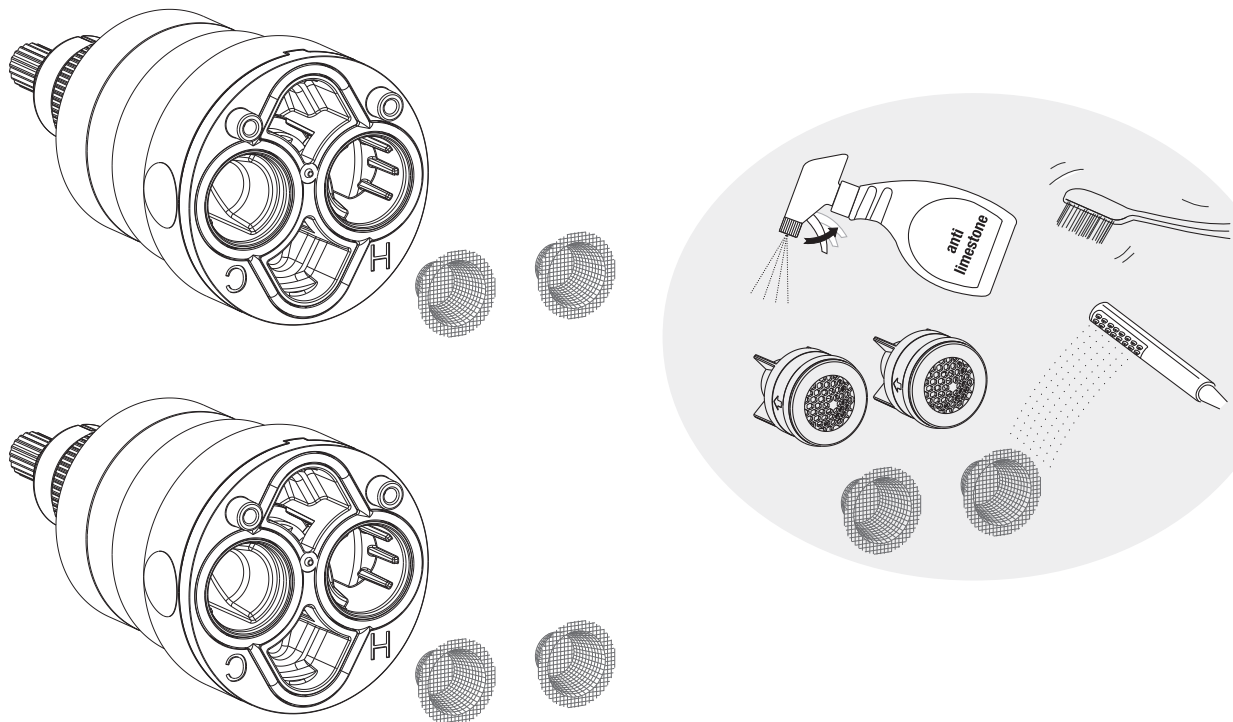
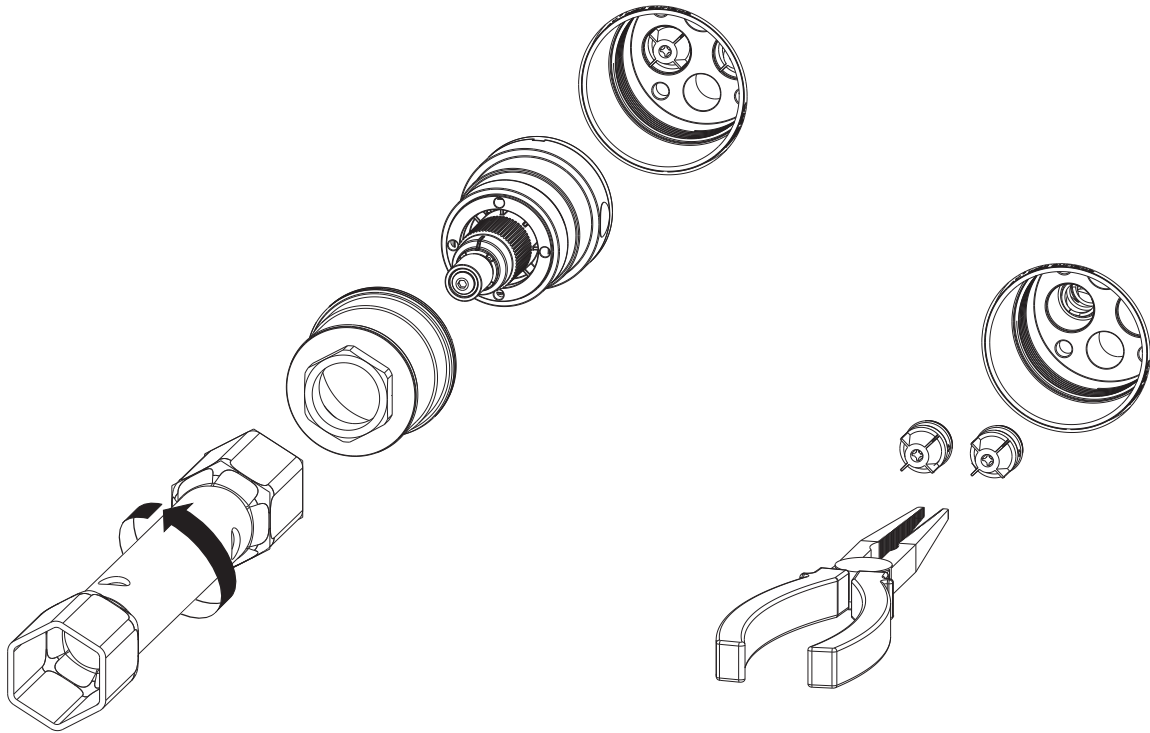
MAINTENANCE



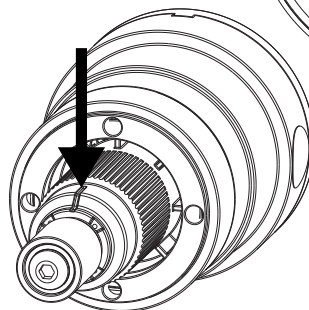
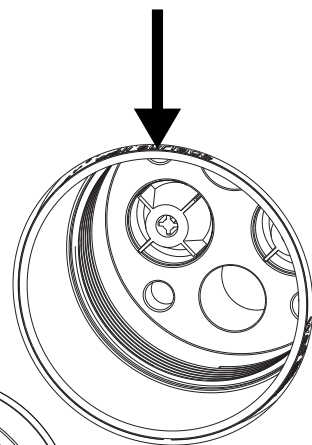
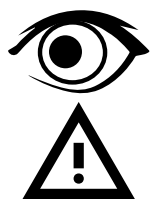
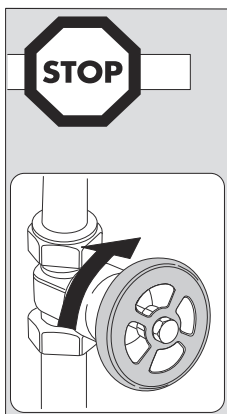
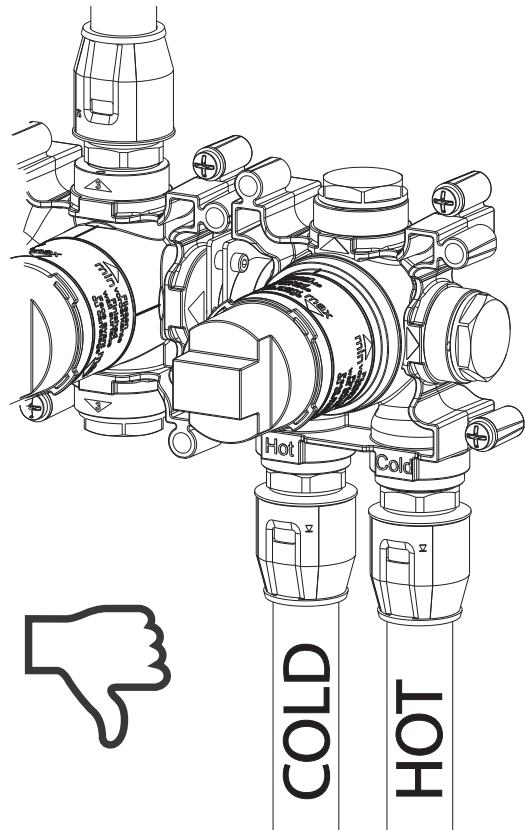
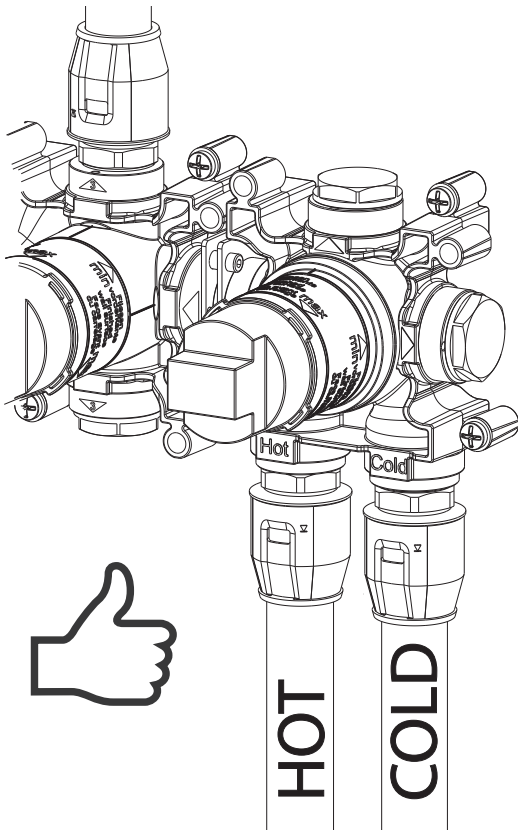
MAINTENANCE



MAINTENANCE

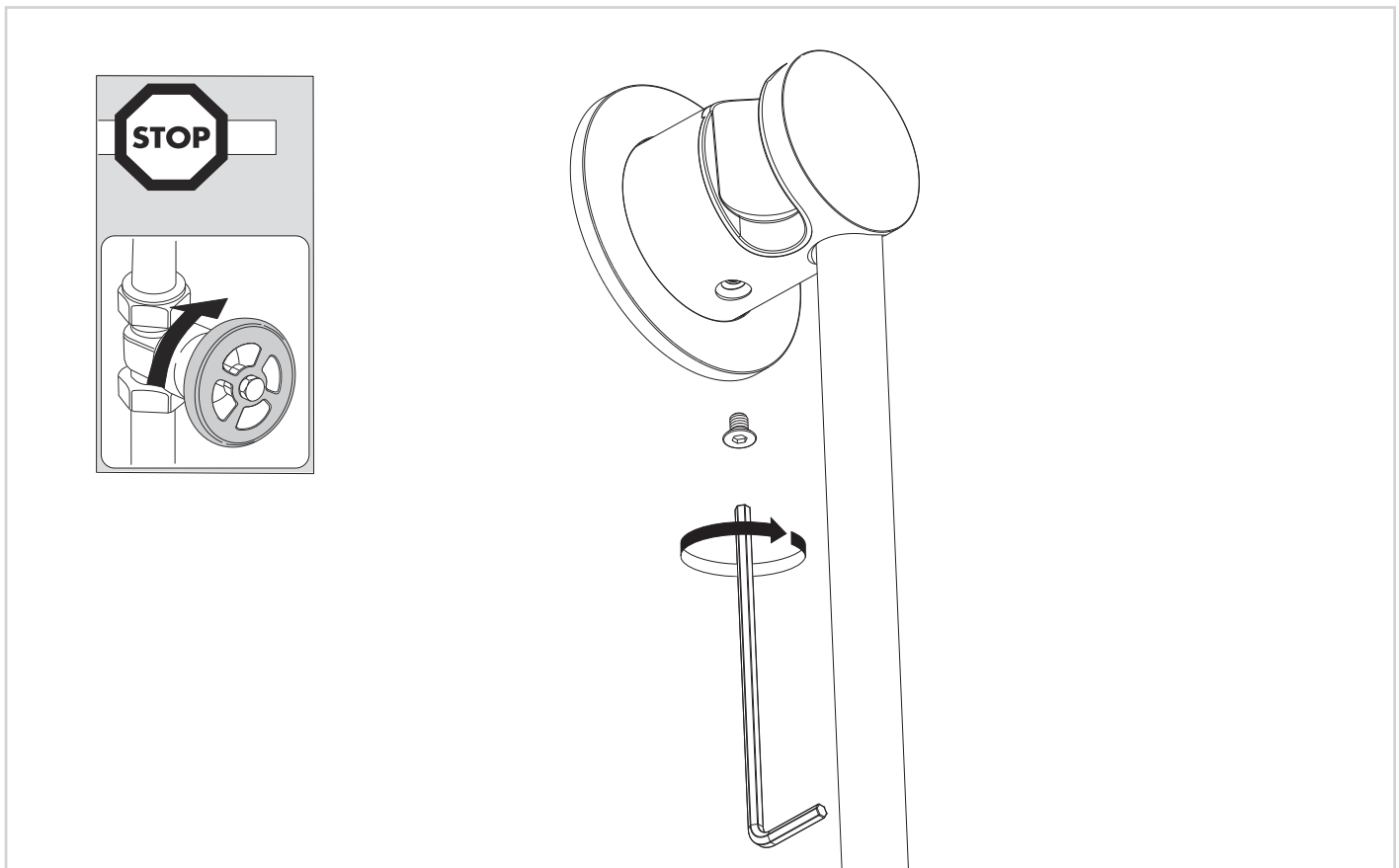
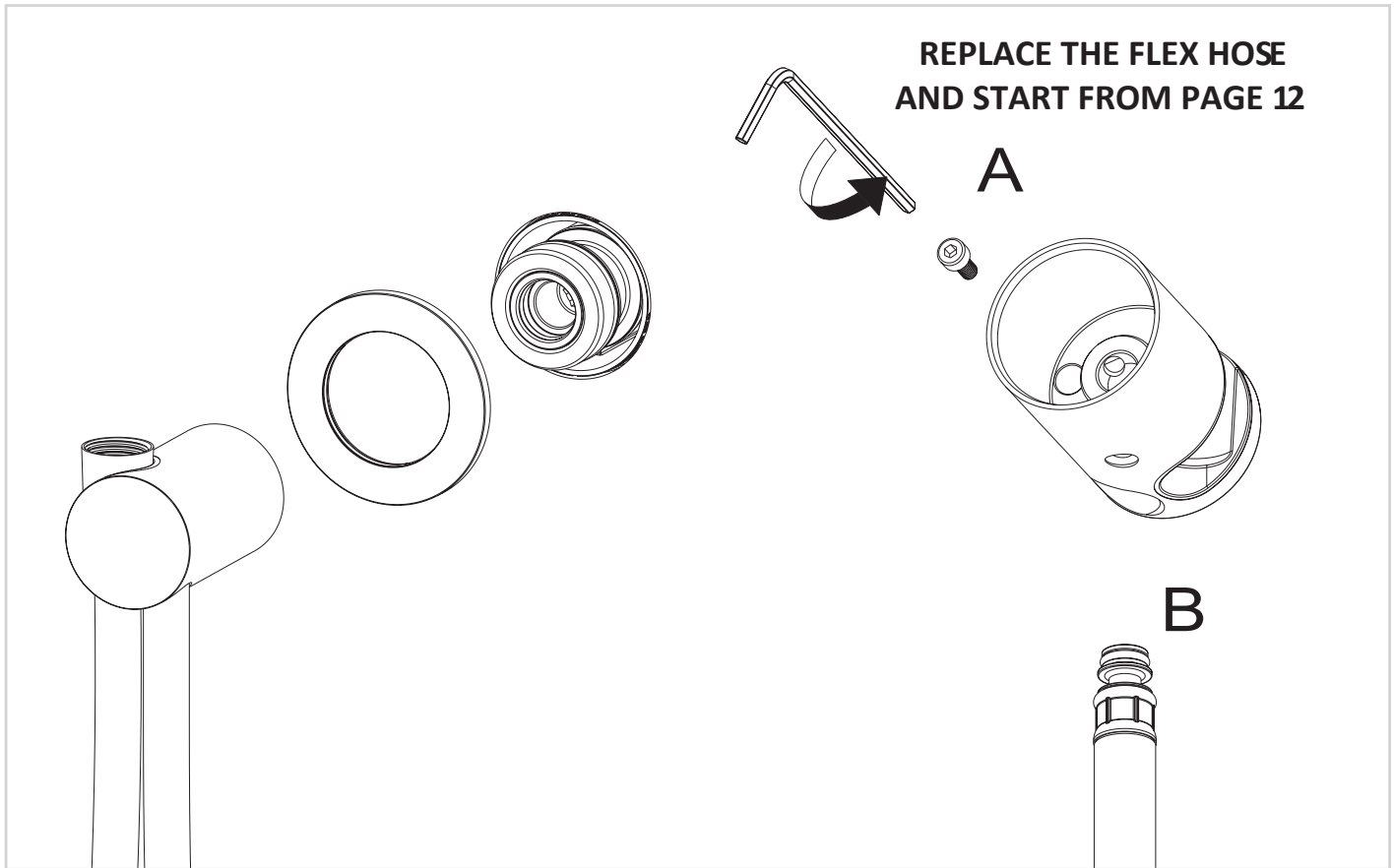


MAINTENANCE



**ROTATE 180°
IF THE REFERENCE NOTCH
IS NOT FACING UPWARDS**

MAINTENANCE



CARE & MAINTENANCE

Clean water using only water or natural detergents and dry with a soft cloth. Never use abrasive or corrosive detergents or products containing hydrochloric acid, ammonia or bleach. Do not use sponges or abrasive cloths. It is recommended to clean the surfaces periodically, in order not to create situations of excessive dirt, which is difficult to eliminate.

Attention: The use of non-recommended products may irreparably deteriorate the surfaces.

This product should only be fitted by a qualified plumber to NVQ (National Vocational Qualification) or SNVQ (Scottish National Vocational Qualification) Level 3. Should the installation be completed by a non-qualified person then the guarantee may be considered invalid.

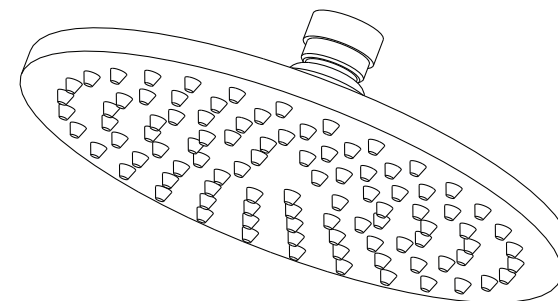
For a claim made under our warranty written certification of your installers credentials can be required. For further information or to find a qualified installer in your area please visit the Institute of Plumbers website - www.iphe.org.uk

THE QUALIFICATIONS

At present, to be a plumber you need to follow the National Vocational Qualification (NVQ) route (Scottish National Vocational Qualification - SNVQ - in Scotland). These qualifications are made up of theory and practical work in the classroom/purpose built training facility and work based experience with a working plumber. Colleges should help students find a work placement, although many students organise it themselves.

The S/NVQ qualification works in levels. All recently qualified plumbers should hold S/NVQ Level 2 as basic with Level 3 as the preferred level. Level 2 will give you the foundation you need for a career in plumbing and teach you domestic plumbing to a satisfactory level. Level 3 is more comprehensive and deals with domestic, commercial and industrial plumbing along with aspects such as gas - if you want to one day set up your own business, this is the level to reach. The Institute of Plumbing and Heating Engineering, and the industry as a whole recommends that all plumbers reach a minimum of Level 3.

Reaching Level 3 has other advantages. The Institute runs a Master Plumber Certificate, which only those attaining Level 3 or equivalent can reach as long as they have the relevant experience as well. Those with S/NVQ Level 3 can (once in membership with the Institute for five years as a Member MIPHE) gain Engineering Technician EngTech status with the Engineering Council (UK).



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The manufacturer reserves the right to make technical
modifications without prior notice.

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INTRODUCTION

Please read these instructions carefully and keep in a safe place for future reference.

General Installation Requirements.

The installation must comply with regulations of the Local Water Authority as contained in their bylaws. All of the taps in this range are single flow (the hot and cold water mix in the body) and should therefore be supplied with hot and cold water at balanced pressures, both from the tank or both from the mains (via a combination boiler for example). If the taps are not supplied at balanced pressures then the mixer will not function correctly. It will also be necessary to fit non-return valves on both hot and cold feeds. It is very important that all pipework is flushed thoroughly after installation to avoid damaging the ceramic discs.

Minimum/Maximum working pressure

These taps are suitable for high and mid pressure installations. They are fitted with a quarter turn ceramic disc cartridge which provides a good flow rate with very smooth movement. To ensure that the bath filler works adequately under low pressure, the cold water storage tank should be at least 2 metres above the highest installed position. The maximum water pressure is 4 bar (note: mains cold water is normally supplied at between 2 and 3bar). For installations where the mains pressure exceeds 4 bar a pressure reducing valve should be fitted.

Approvals

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Preparation and byelaw requirements

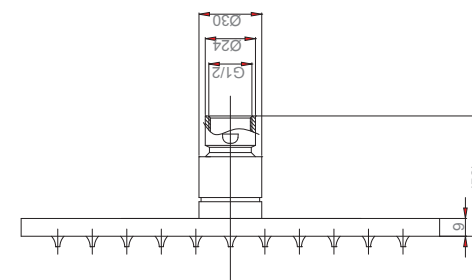
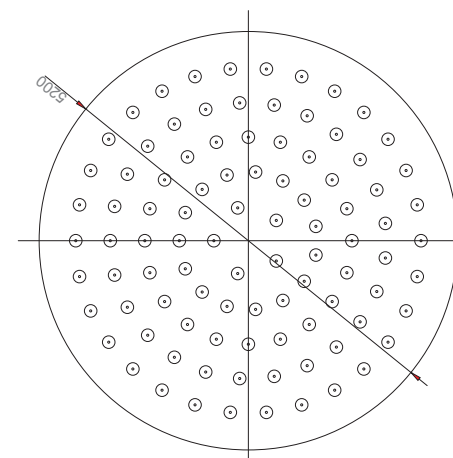
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WARNING

Before installing the new mixer it is essential that you thoroughly flush through the supply pipes in order to remove any remaining swarf, solder or other impurities. Failure to carry out this simple procedure could cause problems or damage to the working of the mixer.

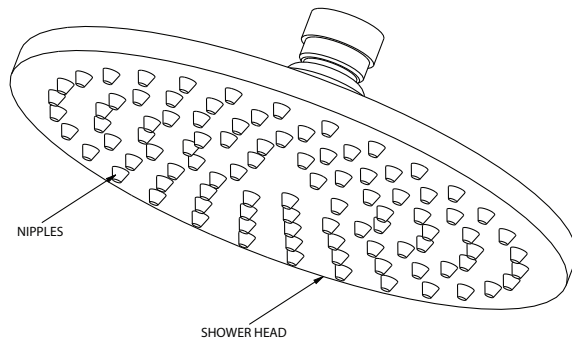
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DIMENSIONS



NOTE: ALL DIMENSIONS IN MILLIMETRES

INSTALLATION



INSTALLATION

INSTALLATION

-  **Remember to turn off the mains water supply before connecting to any existing pipe work.**
Warning! Please check for any hidden pipes and cables before drilling holes in the wall.
-  **Do not use tapered threaded adaptors or excessive thickness of sealing tape as this may damage the valve body and result in a concealed leak within the wall cavity.**
-  **Turn on supplies and test all connections for water tightness.**

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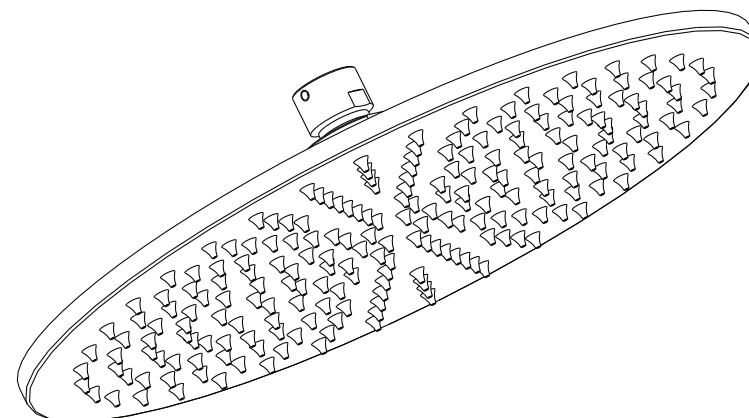
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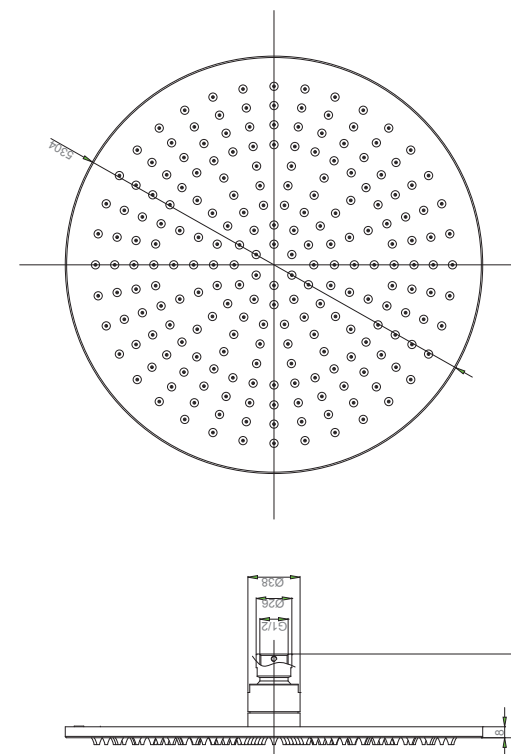
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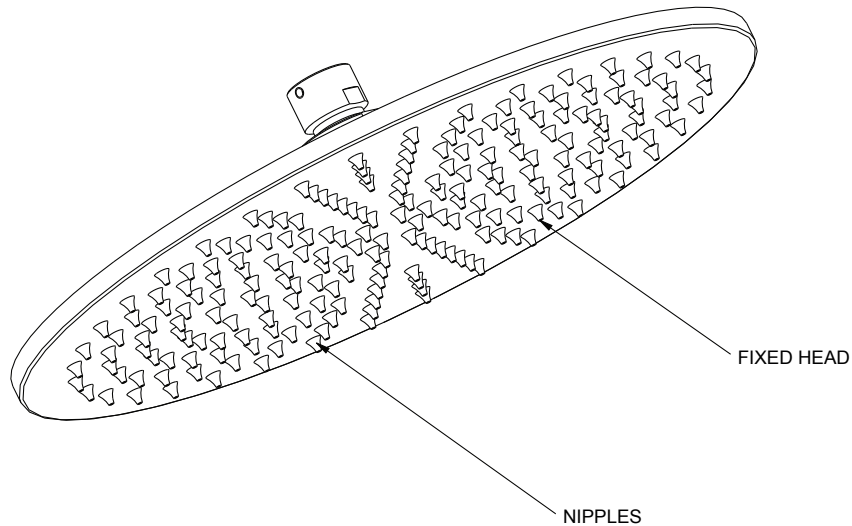
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MAINTENANCE