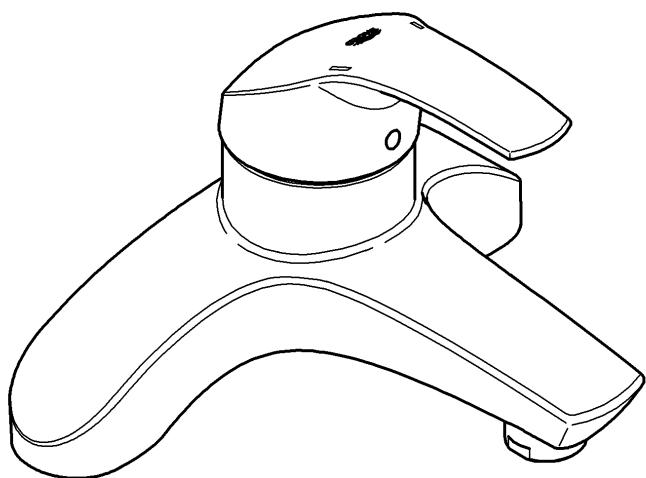
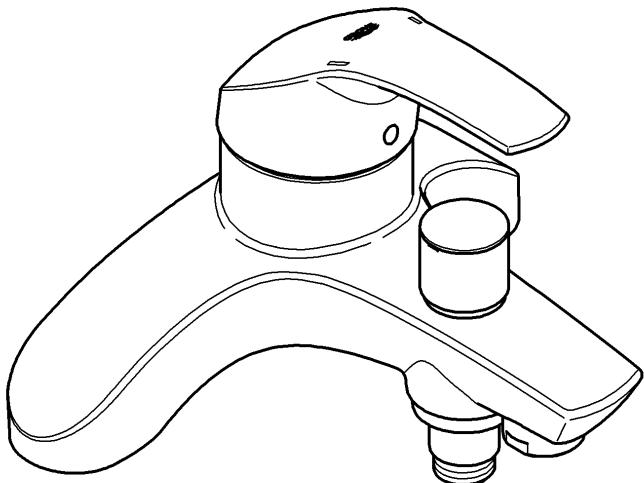


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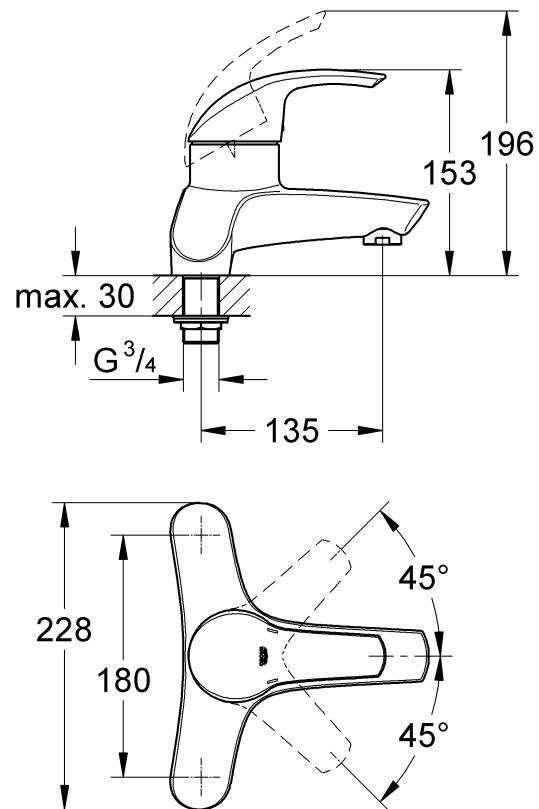
Eurosmart

Design & Quality Engineering GROHE Germany

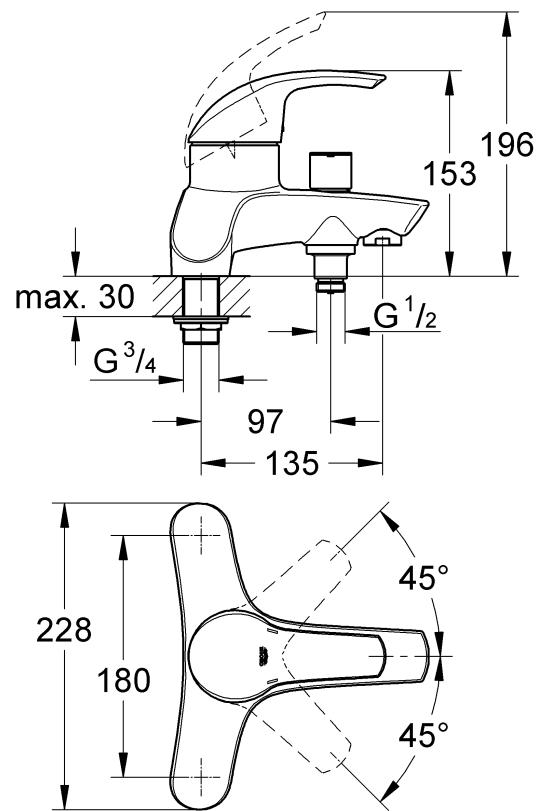
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GROHE
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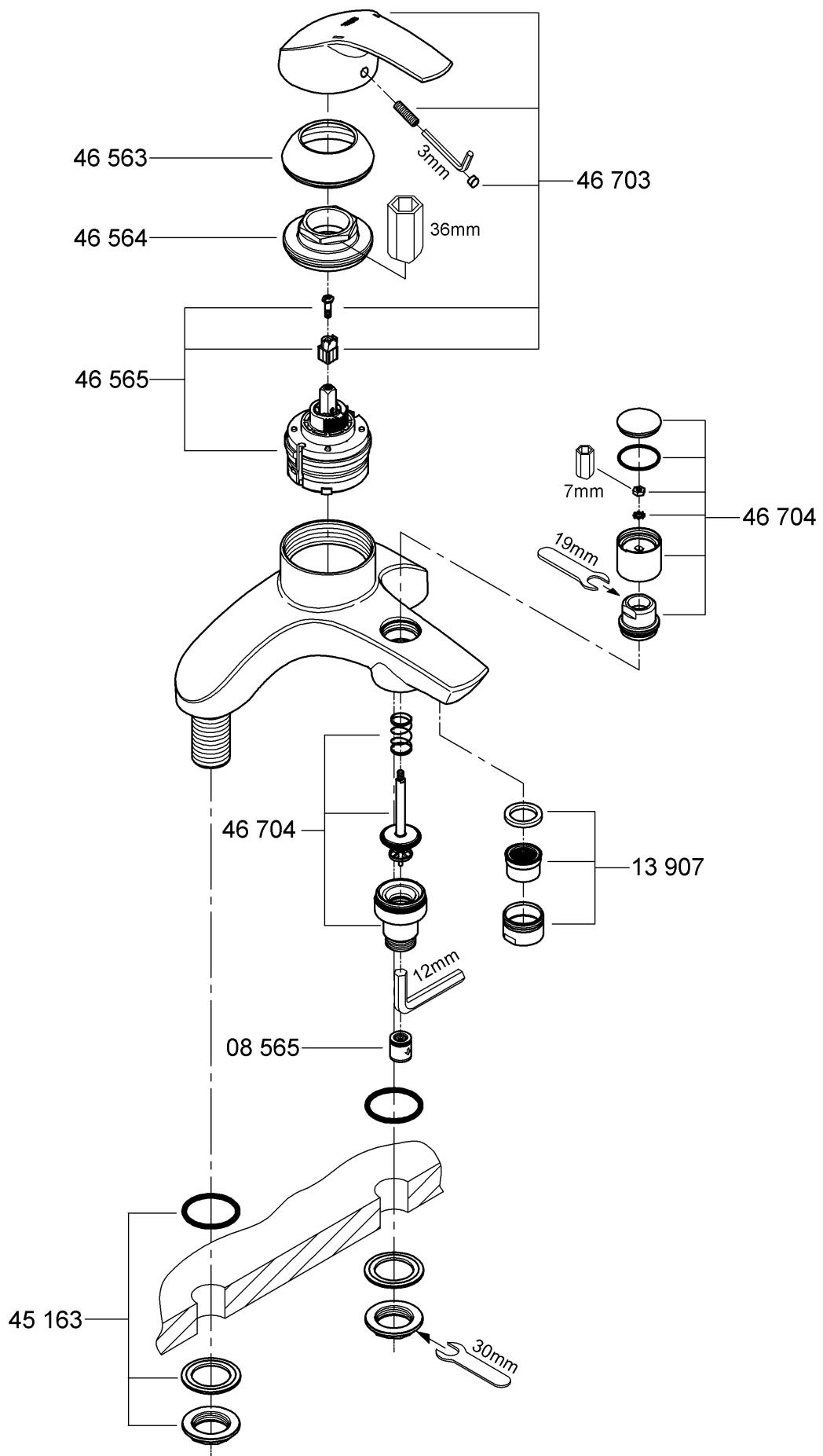
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Please pass these instructions on to the end user of the fitting!





Application

Can be used in conjunction with: Pressurised storage heaters, thermally and hydraulically controlled instantaneous heaters. Operation with low-pressure displacement water heaters is **not** possible.

Specifications

• Minimum flow pressure	0.1 bar
• Maximum operating pressure	10 bar
• Test pressure	16 bar
If static pressure is greater than 5 bar, fit pressure reducer.	
Avoid major pressure differences between cold and hot water supply.	
• Flow rate at 0.1 bar flow pressure with flow straightener:	approx. 11 l/min
• Temperature	
- Hot water inlet (maximum):	80 °C
- Recommended (energy saving):	60 °C
• Water connection	cold - right hot - left

New Water Regulations

This GROHE fitting with shower is equipped with single non-return valve. Please ensure installation complies with New Water Regulations covering backflow protection. It must also be installed in accordance with local bye-law requirements.

Installation

Flush piping system prior and after installation of fitting thoroughly (Consider EN 806)!

Bathtub rim mounting

Use mounting set to install the fitting, see fold-out page III, Fig. [1].

Refer to the dimensional drawings on fold-out page I.

The cold water supply must be connected on the right and the hot water supply on the left.

Open cold- and hot water supply and check connections for leakage!

Check fitting for correct function, see Fig. [2].

Function of automatic diverter (A), see Fig. [3].

Pulling the lever will release water delivery.

Water will emerge from the bath outlet first.

Pull diverter knob = to divert flow from bath inlet
to shower outlet

Flow is diverted automatically from shower outlet to bath inlet when the fitting is closed.

Flow rate limiter

This fitting is fitted with a flow rate limiter, permitting an infinitely individual variable reduction in the flow rate.

The highest possible flow rate is set by the factory before dispatch.

The use of flow rate limiters in combination with hydraulic instantaneous water heaters is not recommended.

For commissioning see "Replacing the cartridge" point 1 to 3, Fig. [4] and [6].

Maintenance

Inspect and clean all parts, replace if necessary and grease with special grease.

Shut off cold and hot water supply!

I. Replacing the cartridge, see Fig. [4].

1. Lever out plug (B).
2. Remove set screw (C) using a 3mm Allen key and pull off lever (D).
3. Screw off cap (E).
4. Unscrew threaded ring (F) with socket spanner 36mm.
5. Change complete cartridge (G).

Assemble in reverse order.

Observe the correct installation position!

Make sure that the cartridge seals engage in the grooves on the housing. Screw in and tighten threaded ring (F).

II. Diverter assembly with non-return valve, see Fig. [5].

1. Lever out cap (H).
2. With 7mm socket spanner, unscrew and remove nut (J) and diverter knob (K).
3. With 19mm open-ended spanner, remove nipple (L).
4. Pull out non-return valve (M).
5. With 12mm Allen key, remove outlet nipple (N).
6. Remove spindle (O) with spring (P).

Assemble in reverse order.

III. Flow straightener, see fold-out page II.

Unscrew and clean flow straightener (13 907).

Assemble in reverse order.

Replacement parts, see fold-out page II (* = special accessories).

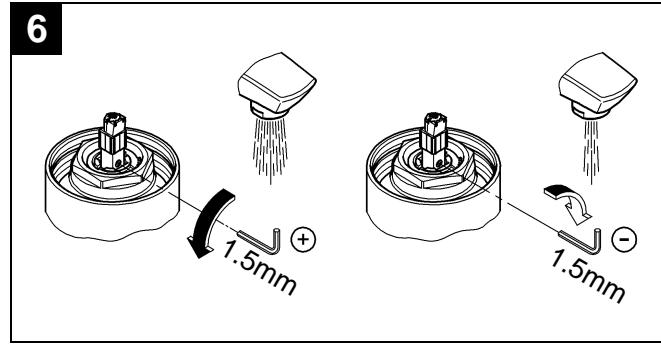
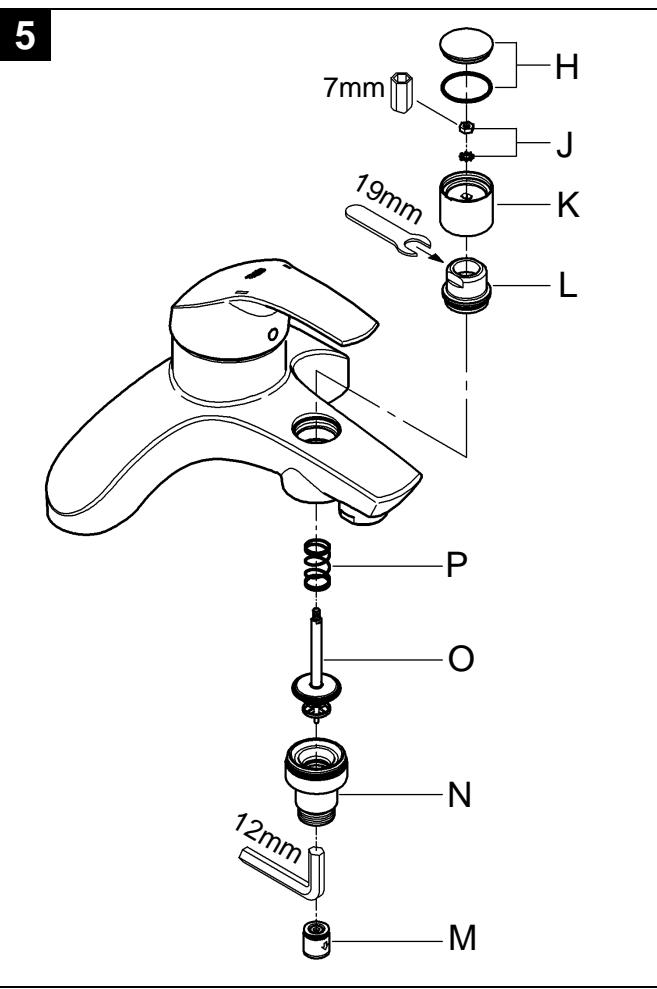
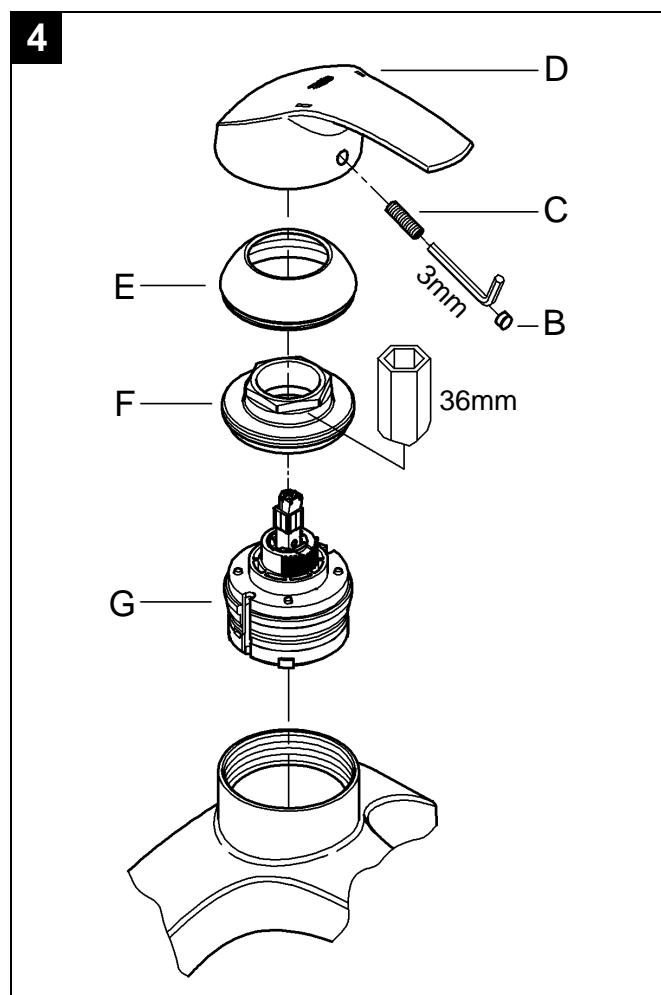
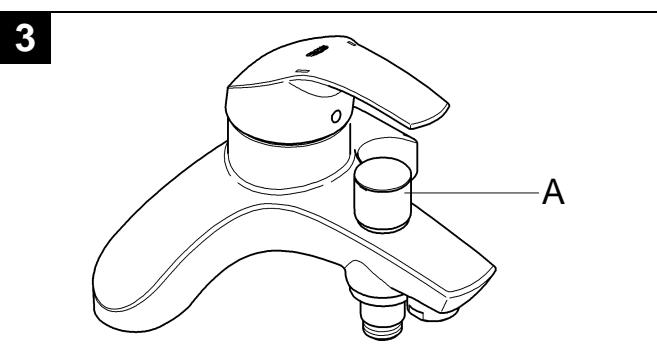
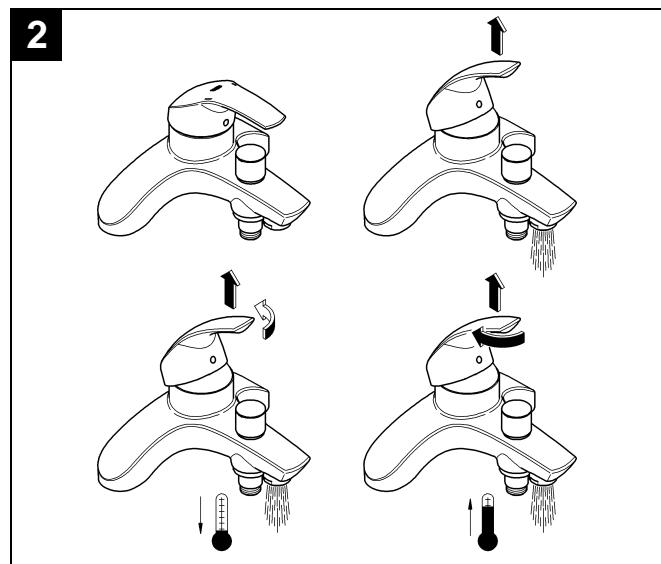
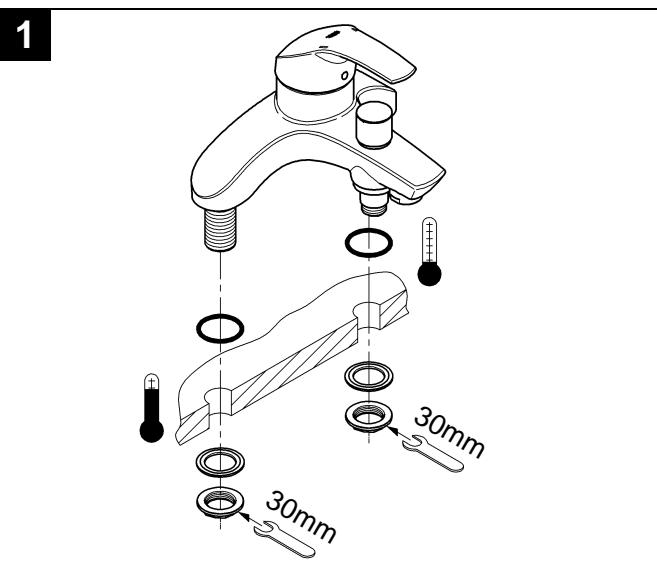
Care

Dear Customer,

We want to ensure that you get long-lasting satisfaction and pleasure from your GROHE fitting. Therefore, please read the following care instructions because damage to the surface and underlying material resulting from improper treatment is not covered by warranty.

Do not use any abrasive sponges or scouring agents for cleaning. We also advise you not to use cleaning agents containing solvent or acid, limescale removers, household vinegar and cleaning agents with acetic acid in them. They are aggressive to the surface - and will leave your fitting dull and scratched. As the formulations of commercially available cleaning agents frequently change, we cannot guarantee they will provide the gentle care our fitting deserves.

Clean the fitting with a little soap and a moist cloth only, then simply rinse off and wipe dry. You can avoid lime spots by drying the fitting each time it is used. If lime deposits do occur, remove them with **GrohClean**, our environment-friendly cleaning liquid. **GrohClean** is specially formulated to clean the surface of our fittings gently. **GrohClean** is available from your supplier.



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