

KEUCO

# IXMO

Fittings



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KEUCO

# Less can do more.

This describes the basic principle of IXMO in a nutshell. IXMO integrates functionality in such a compact way that it was possible for the design to be very minimalist. Each IXMO solution is based on a thermostat or a single-lever mixer. Multifunctional modules are combined depending on need. Since these are capable of performing multiple tasks simultaneously, the number of visible parts on the wall can be reduced. This provides formerly undreamed of freedom for planning the shower and bath tub.

IXMO wasn't just designed from the point of view of users and planners though, but also from that of the installer. That's why IXMO incorporates a variety of innovative features to allow particularly easy and precise installation.

Discover fittings for shower and bath tub that bring aesthetic design and sensible functionality into harmony. Experience the individuality that multiplicity can produce.

- 6 **Idea**  
More consistency.
- 14 **Design**  
More minimalism.
- 24 **Planning freedom**  
More multiplicity.
- 34 **Technology**  
More innovation.
- 40 **Installation**  
More intelligent installation.
- 52 **Product overview**  
Increased range of options.



The IXMO brochure for tablets.



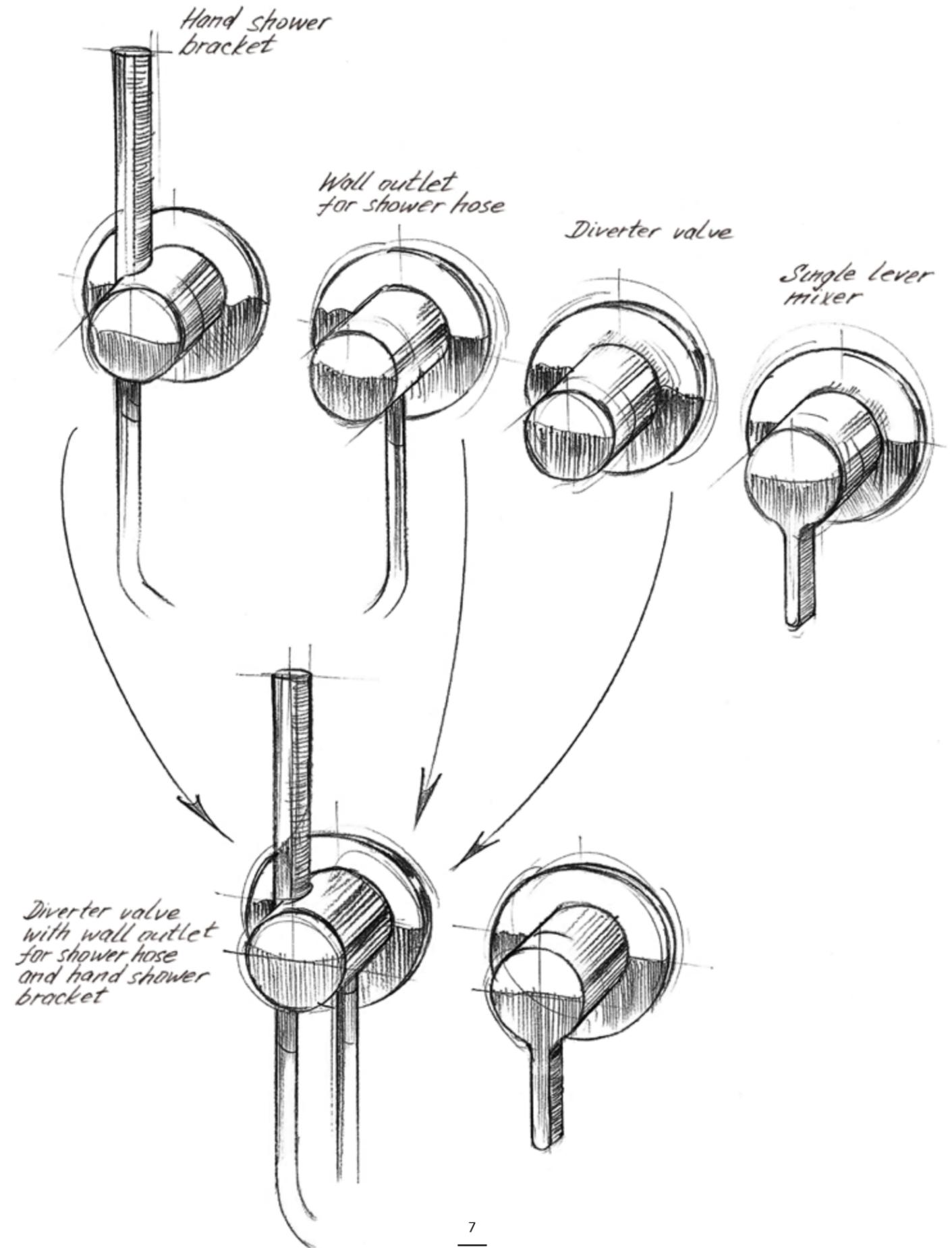
Everything you need to know about IXMO can also be found in our app for tablets – download it now for free.

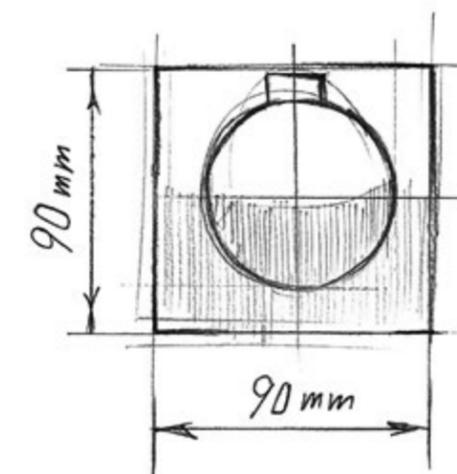
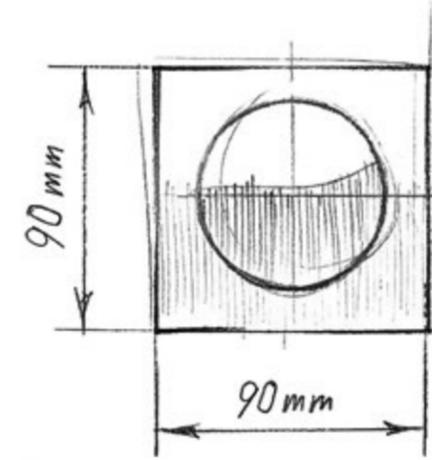
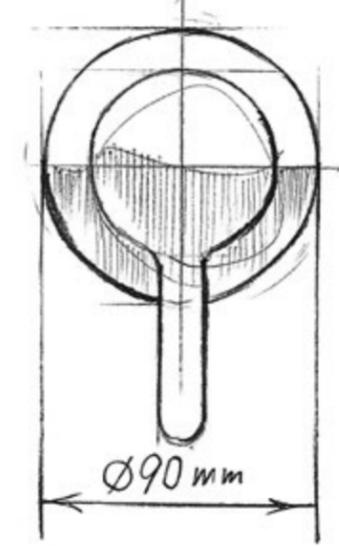
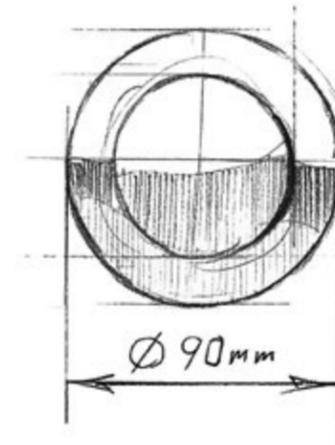
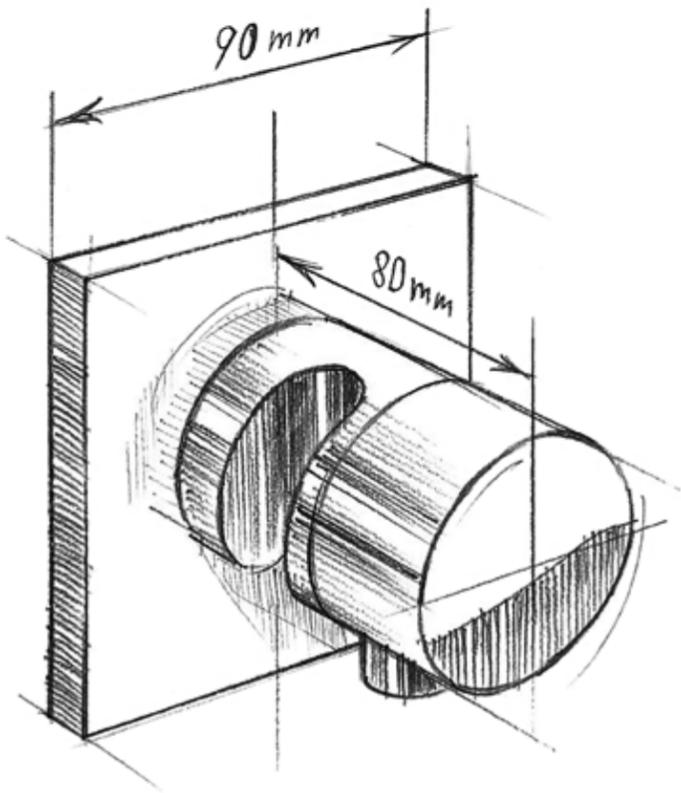
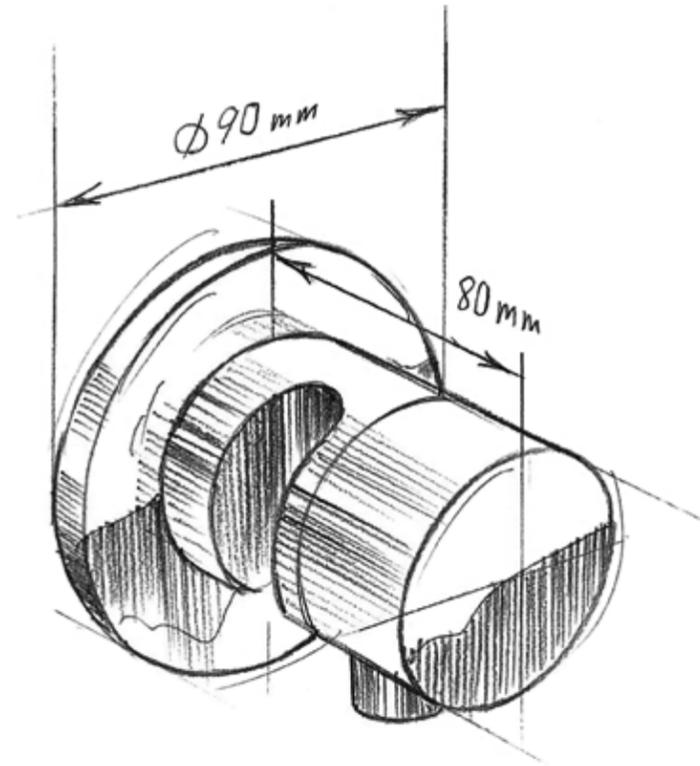


# More consistency.

In the KEUCO philosophy product design isn't just about aesthetics. Rather, the standard is holistic: To create a design icon and to integrate relevant improvements in a product at the same time.

With IXMO this succeeds through the consistent application of a basic principle: Reduction by combining functions.





### Overall uniformity.

All visible parts project exactly 80 mm from the wall, which produces a consistent and harmonious overall picture. The filigree decor discs - whether round or rectangular - complement the minimalist elegance of IXMO. For all products they have the same dimensions.



## Multitalented.

In this example only two modules combine the thermostatic mixer, stop and diverter valve, wall outlet for shower hose and hand shower bracket.



## “Reach more people.”

Conversation with Hartmut Dalheimer, Managing Director KEUCO, and Dirk Hagedorn, Head Product Development.

**Mr. Dalheimer, Mr. Hagedorn, the presentation of IXMO at ISH 2015 received a remarkable amount of positive feedback. Were you surprised?**

**Hartmut Dalheimer** I could claim that we had expected that, but to be honest, we were really quite pleasantly surprised by the extent of it.

**What do you think were the reasons for the approval?**

**Dirk Hagedorn** Of course, the approach we took was to develop a product that would offer an array of innovations all at once, which all the target groups would profit from – from the planner to the dealer, to the installer and finally the user. Naturally, with such an approach, one ultimately reaches more people.

**Did the development process begin with a specific idea as inspiration for the design? Was there a technical idea?**

**Dirk Hagedorn** It was rather more the abstract notion of “Less is more” or “Less can do more”, to put it more succinctly. That was the compass that guided us throughout the entire development process

**Was the development of IXMO particularly complex, because of the strong technical aspect?**

**Dirk Hagedorn** It can be compared to smartphones: They are constantly being developed and incorporate ever more functionality. New technology is used to achieve even flatter designs. Ultimately a product is produced that people want to own, because it looks fascinating and offers them new benefits. Basically, we are doing the same thing with IXMO. But, to come back to your question: Yes, the development process was very involved, but it was worth it.

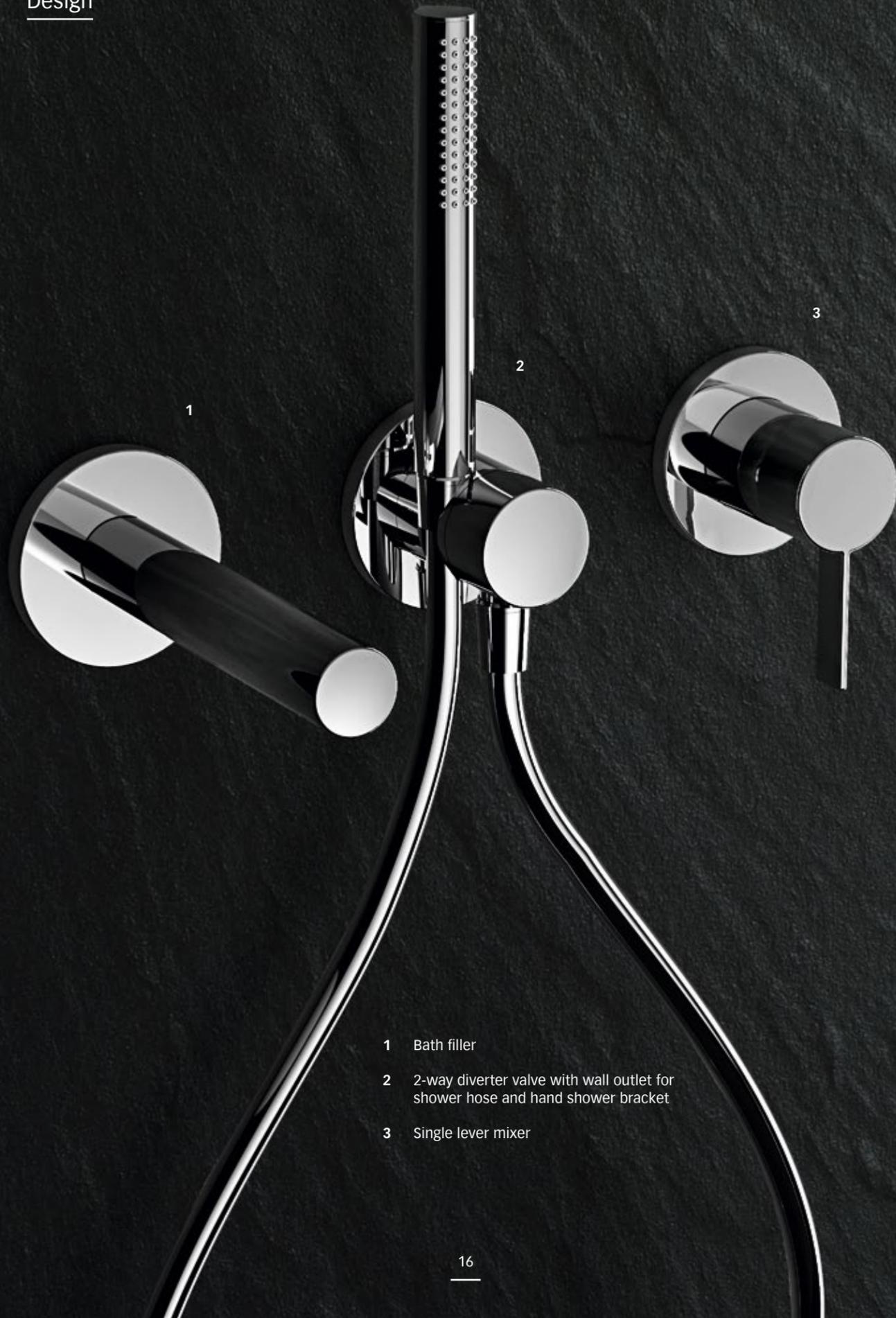
**To what extent does IXMO reflect the philosophy of KEUCO?**

**Hartmut Dalheimer** IXMO embodies our philosophy perfectly: To create products which are useful, but which offer an experience that touches the senses at the same time. And to do it in perfect quality, to ensure that this lasts a long time.

# More minimalism.

Design for many styles: The formal lightness and the clear, geometric lines of IXMO integrate perfectly into a very wide range of furnishing styles. Thanks to the multifunctional nature of the modules, externally, IXMO is a celebration of timeless understatement.





- 1 Bath filler
- 2 2-way diverter valve with wall outlet for shower hose and hand shower bracket
- 3 Single lever mixer





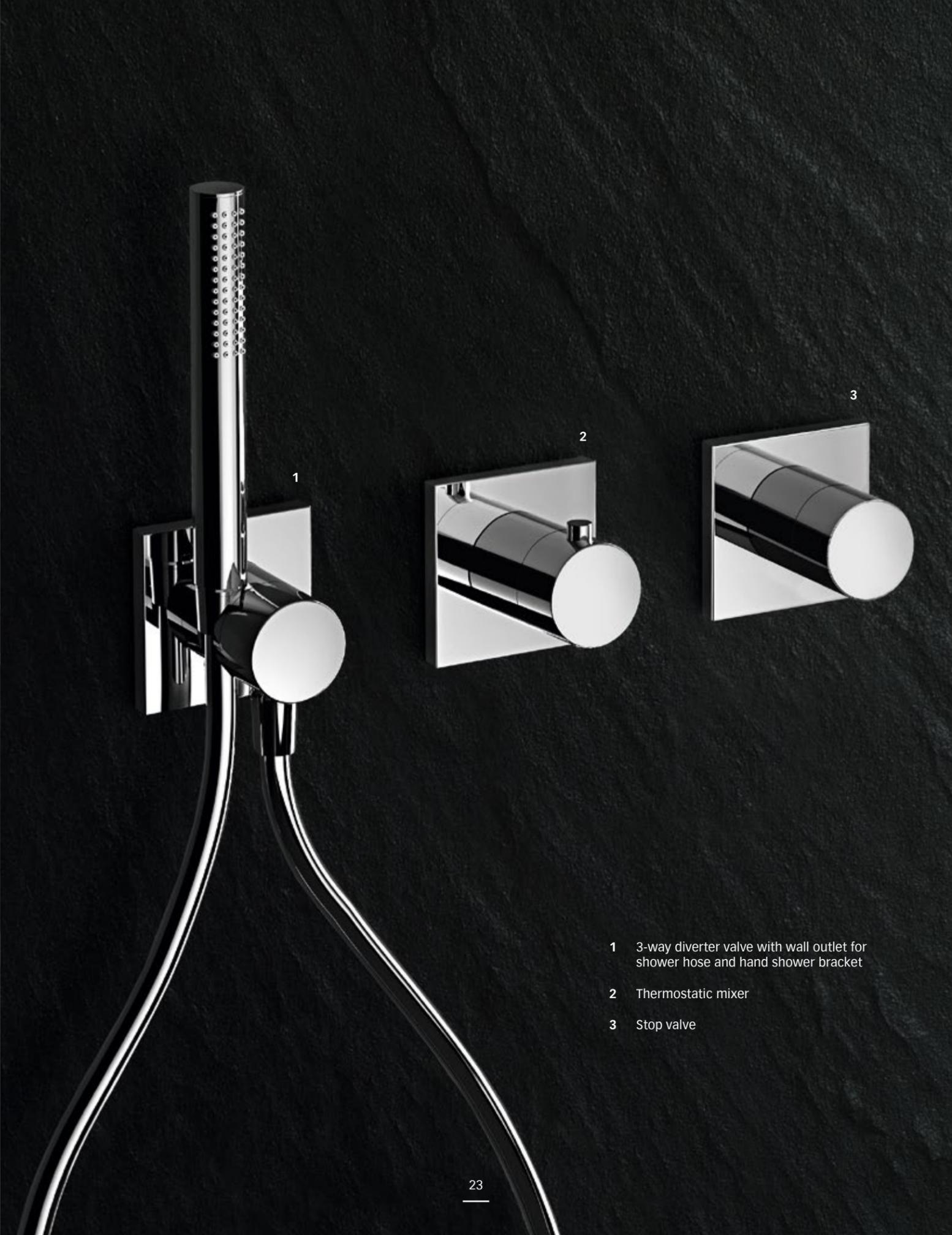
“Combining the functions together was an exciting challenge. Every day we had new ideas. That is how we created the conditions for a completely unique design approach.”

Dominik Tesseraux, Designer

## Design

Design that allows flexibility: One of the ways the IXMO concept demonstrates its strength is in the wide range of configuration options of the modules which it offers – here a shower solution with individual arrangement.



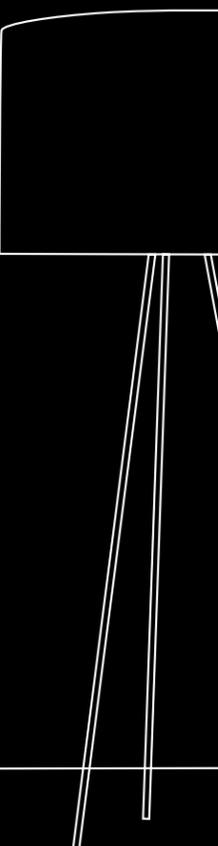
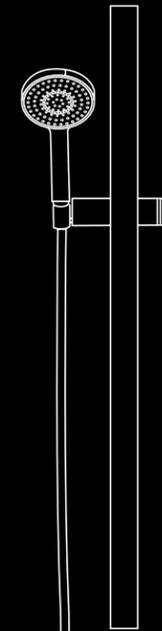
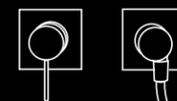
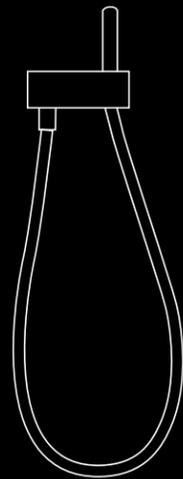


- 1 3-way diverter valve with wall outlet for shower hose and hand shower bracket
- 2 Thermostatic mixer
- 3 Stop valve

# More multiplicity.

Room of possibilities: With IXMO it is possible to create very unique individual arrangements on the wall. Consequently, in terms of ergonomics, it is possible to achieve optimal placement of the modules.

Use our online planner to plan your own IXMO bathroom now. The planner can be found at [www.ixmo.de](http://www.ixmo.de)



## Round or rectangular?

The IXMO decor discs are available in round or rectangular designs. Together, both types incorporate the small dimensions that underscore the reduced aesthetics of the fittings.



1 water draw-off point,  
rosette (round)

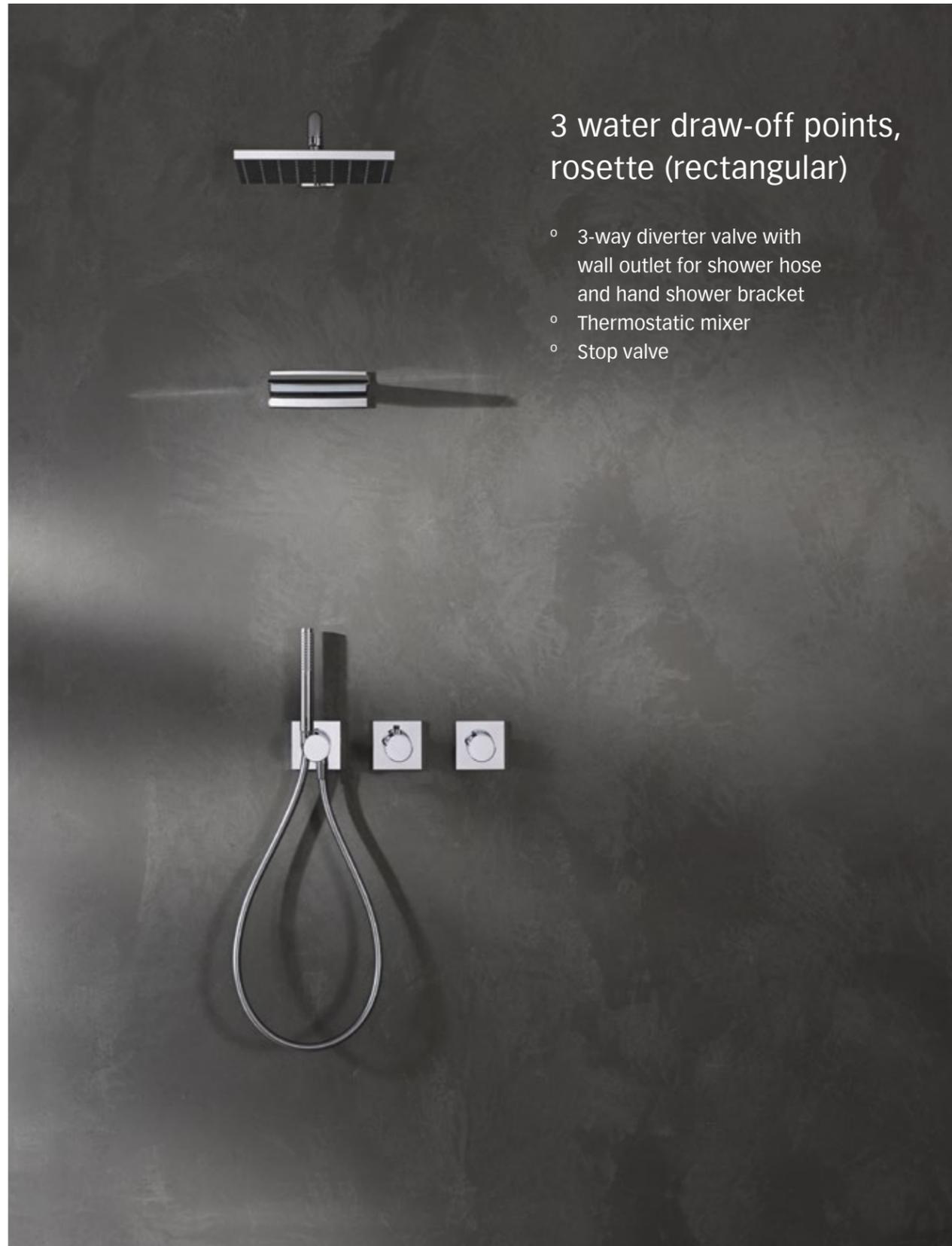
- Single lever mixer
- Wall outlet for shower hose



2 water draw-off points,  
rosette (round)

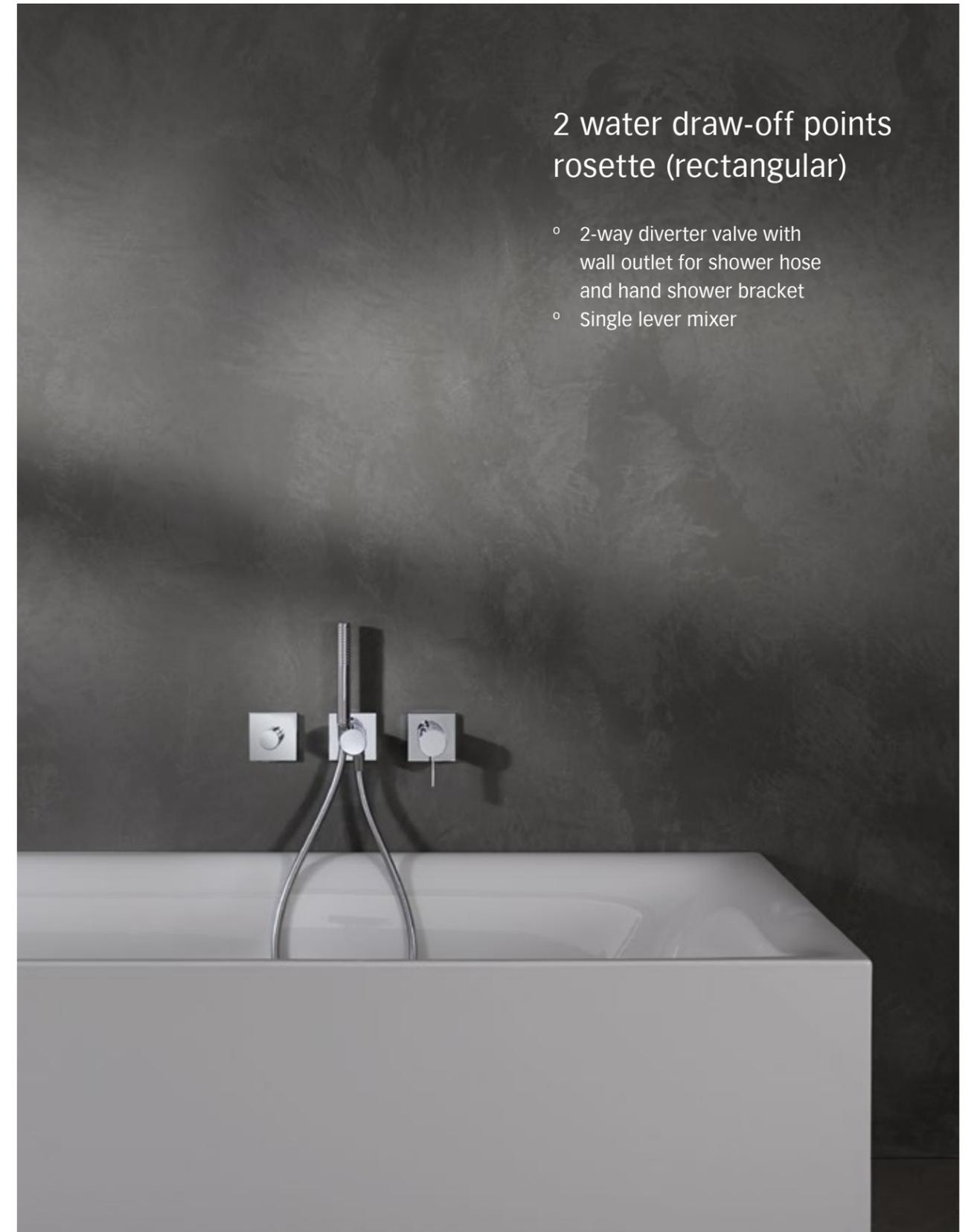
- 2-way diverter valve with  
wall outlet for shower hose  
and hand shower bracket
- Single lever mixer





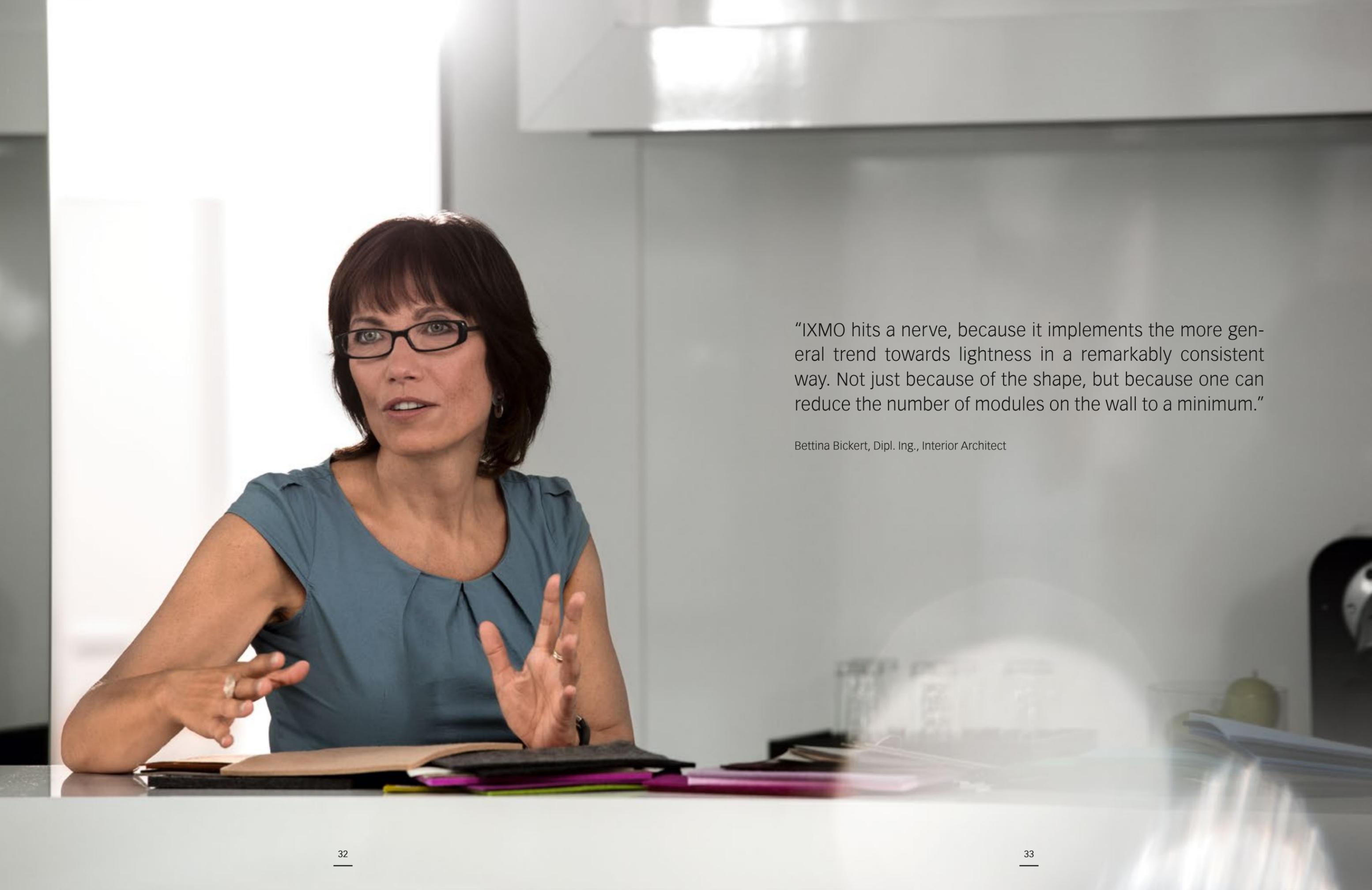
3 water draw-off points,  
rosette (rectangular)

- 3-way diverter valve with wall outlet for shower hose and hand shower bracket
- Thermostatic mixer
- Stop valve



2 water draw-off points  
rosette (rectangular)

- 2-way diverter valve with wall outlet for shower hose and hand shower bracket
- Single lever mixer



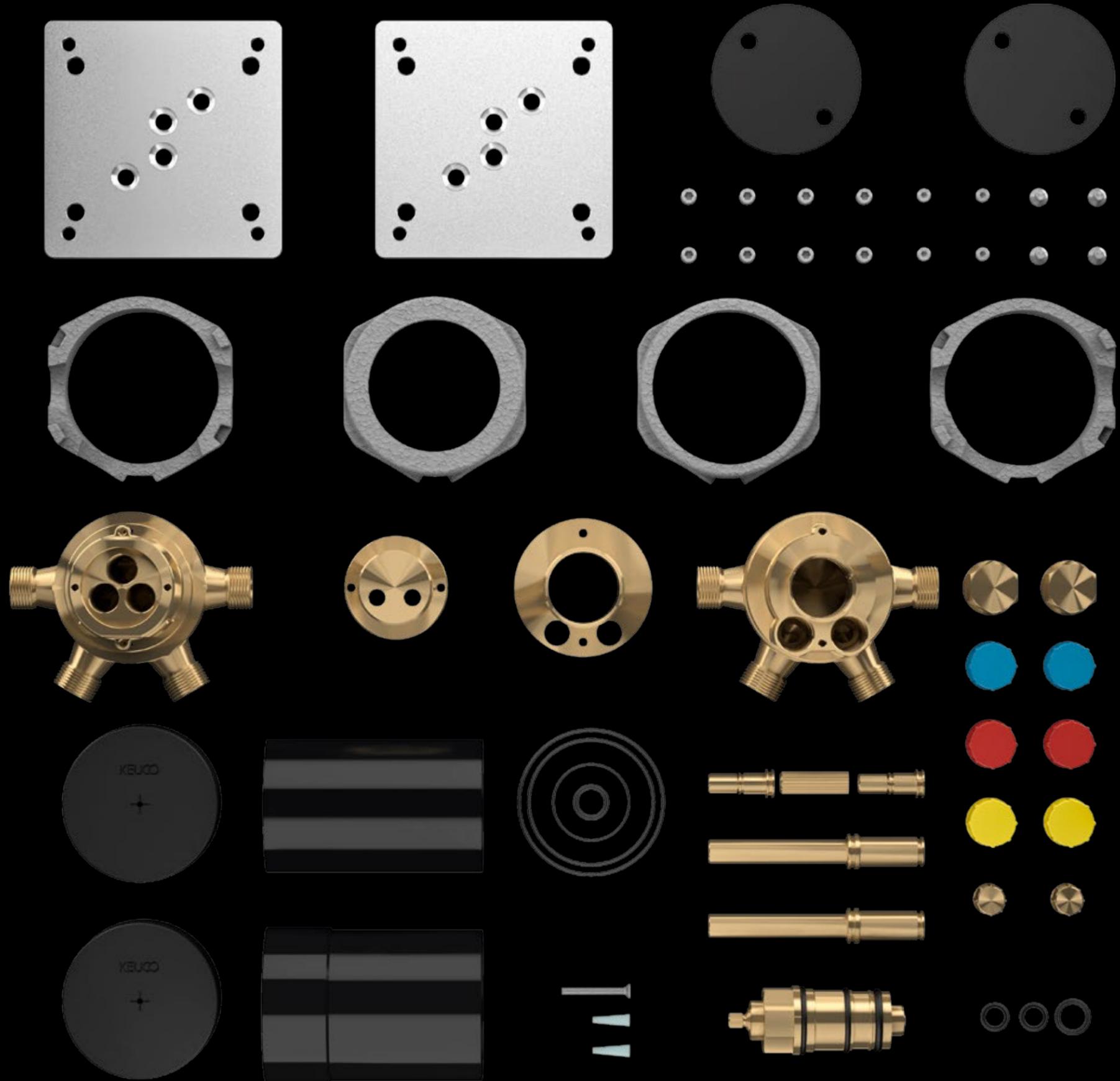
“IXMO hits a nerve, because it implements the more general trend towards lightness in a remarkably consistent way. Not just because of the shape, but because one can reduce the number of modules on the wall to a minimum.”

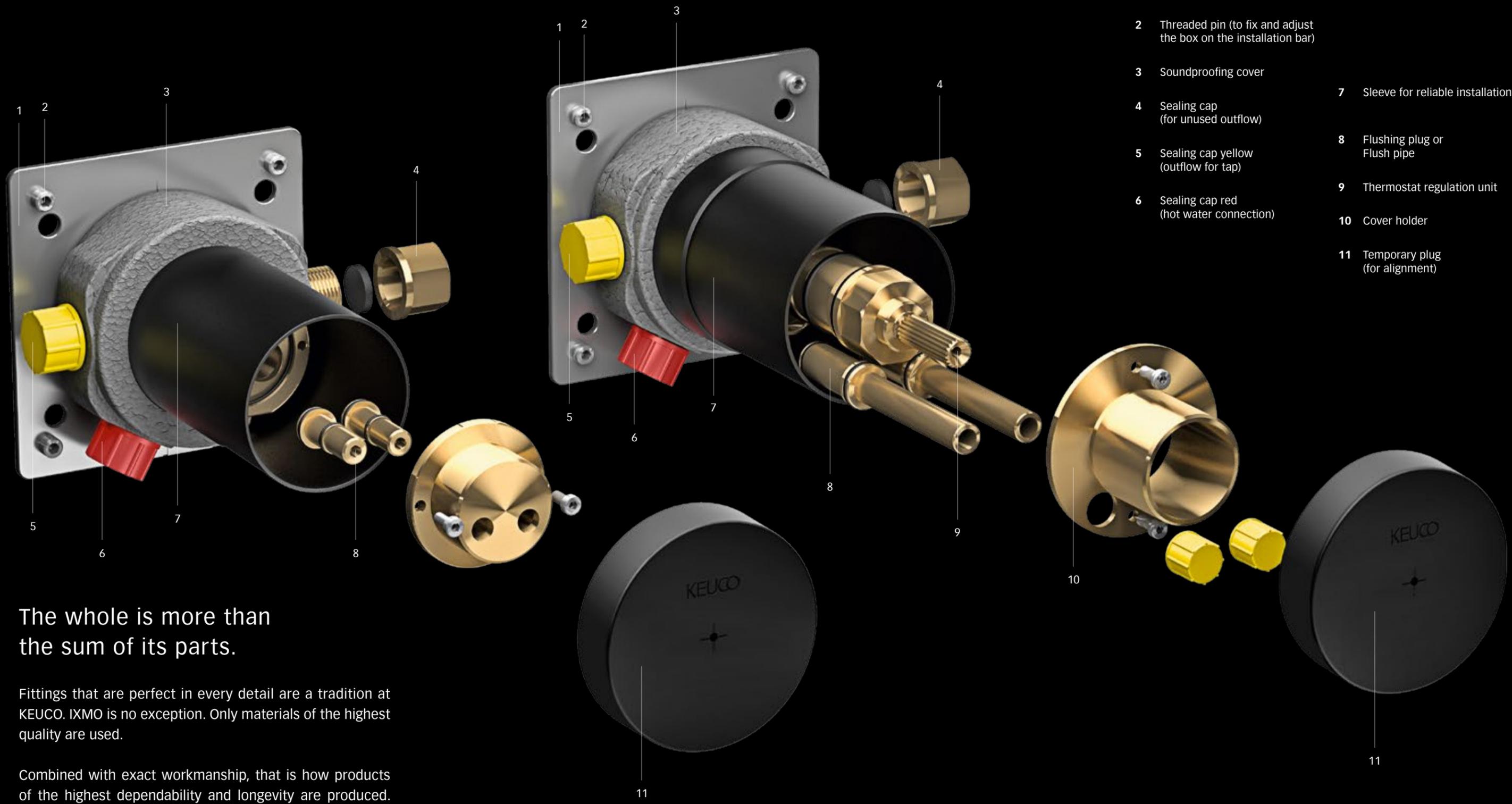
Bettina Bickert, Dipl. Ing., Interior Architect

# More innovation.

Functionality redefined: Technically, the development of IXMO was a challenge, because the combined functions of the modules had to be compressed into the smallest of spaces.

This didn't just include the functions the fittings themselves offer, but also all of the innovative features that make them so convenient and reliable to install. Viewed from the outside, it isn't apparent how complex the interiors of the filigree fittings really are.





- 1 Fastening plate made of stainless steel
- 2 Threaded pin (to fix and adjust the box on the installation bar)
- 3 Soundproofing cover
- 4 Sealing cap (for unused outflow)
- 5 Sealing cap yellow (outflow for tap)
- 6 Sealing cap red (hot water connection)
- 7 Sleeve for reliable installation
- 8 Flushing plug or Flush pipe
- 9 Thermostat regulation unit
- 10 Cover holder
- 11 Temporary plug (for alignment)

The whole is more than the sum of its parts.

Fittings that are perfect in every detail are a tradition at KEUCO. IXMO is no exception. Only materials of the highest quality are used.

Combined with exact workmanship, that is how products of the highest dependability and longevity are produced. Manufactured and assembled in Germany from start to finish – at our plant in Hemer.



## “The miniaturisation of technology is a driver of design.”

Interview with Olaf Sadowski, Head Design Engineering Hemer,  
and Christopher Althoff, Design Engineering Accessoires + Fittings

**Mr. Sadowski, Mr. Althoff, the approach in IXMO was to compress functionality to an extent that would allow a very reduced design. On the technical side, did that result in a very involved development process?**

**Olaf Sadowski** Yes, because a level of compression such as this was only possible through new technical approaches. We had to leave familiar territory and question many things which had been taken for granted. Naturally, that requires a level of effort that goes beyond the usual.

**What was the biggest technical challenge?**

**Christopher Althoff** The most demanding aspect was the task of incorporating more functions in less space. Also because, in addition to the standard functions we integrated completely new features, such as the compensator for different installation depths.

**What do you think, can miniaturisation be taken much further or has it reached its limits?**

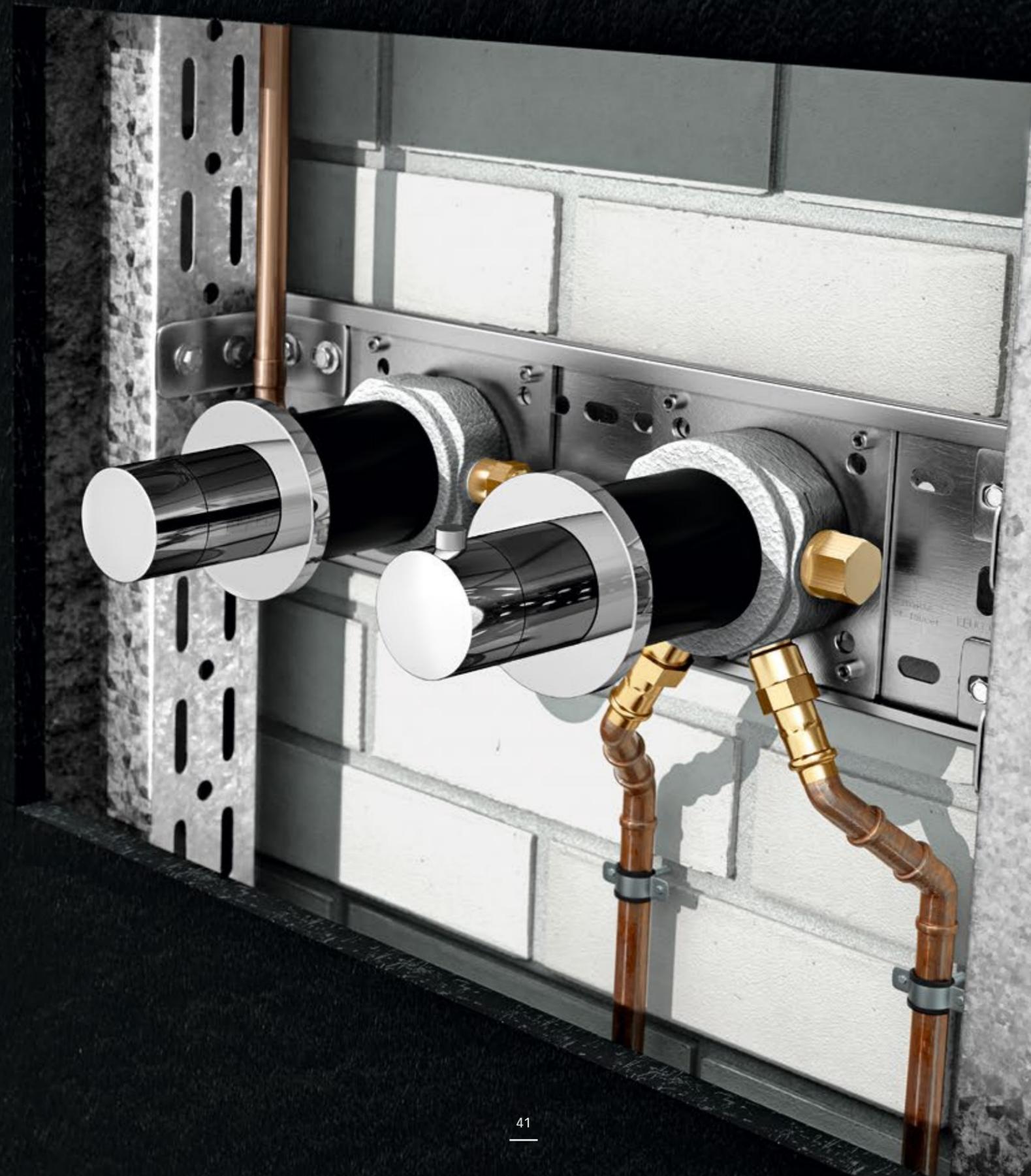
**Christopher Althoff** The miniaturisation of technology is a driver for design. That is why the need is naturally there. But, to be honest, the limits have almost been reached in the area of fittings.

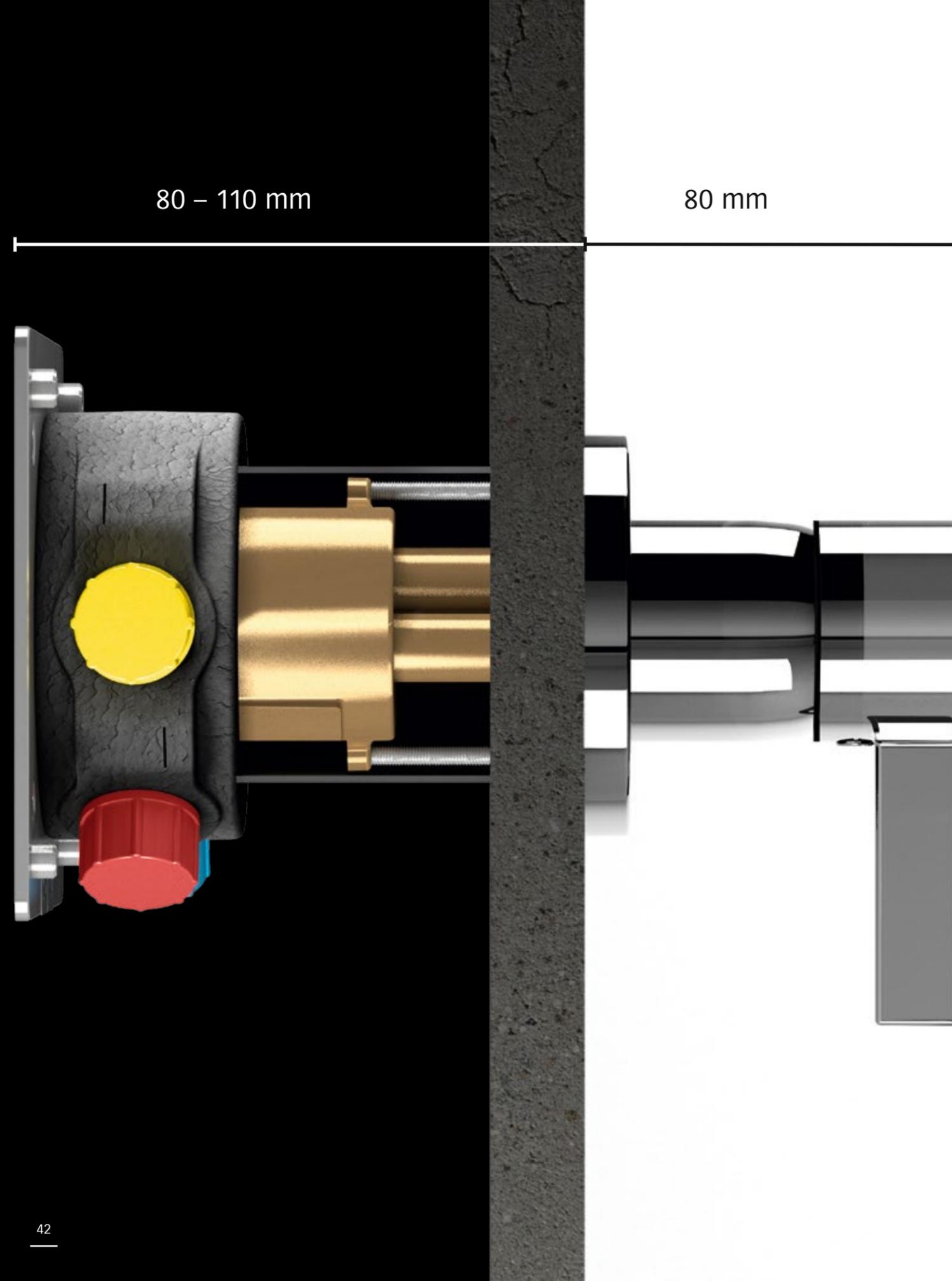
**In such a project do the product development, design and technology departments work together from the outset in a creative process?**

**Olaf Sadowski** Yes, everyone was on board from the very first idea onwards. We determined our goals and coordinated everything together after each step. This is a very efficient way to work and I believe that it is evident when one looks at the products.

# More intelligent installation.

Convenient installation meets precision: IXMO integrates numerous innovative features to ensure easy and reliable installation. Included, for example, are new features for precise alignment of the fittings, the integrated mechanism for swapped water lines for the thermostat, and the intelligent depth compensator for projection in front of the wall.



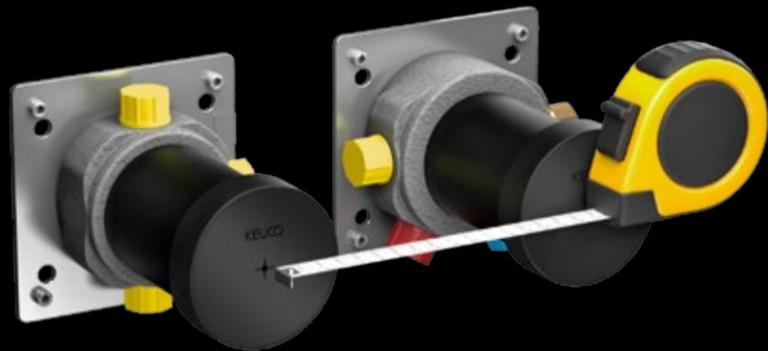


The intelligent depth compensator in IXMO fittings can be finely adjusted for installation depths anywhere from **80 mm to 110 mm**.

IXMO products project exactly 80 mm in front of the wall.



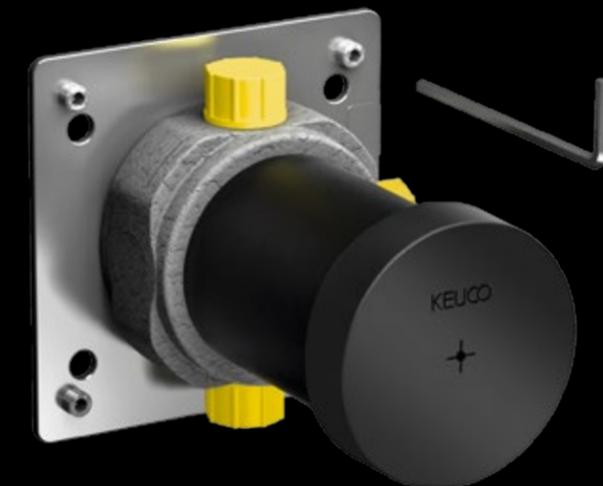
For all modules the temporary plugs for alignment have the same diameter, so that they can be used for making adjustments with a spirit level.



The temporary plugs have register marks on the front, with the help of which the distance between modules can be precisely measured.

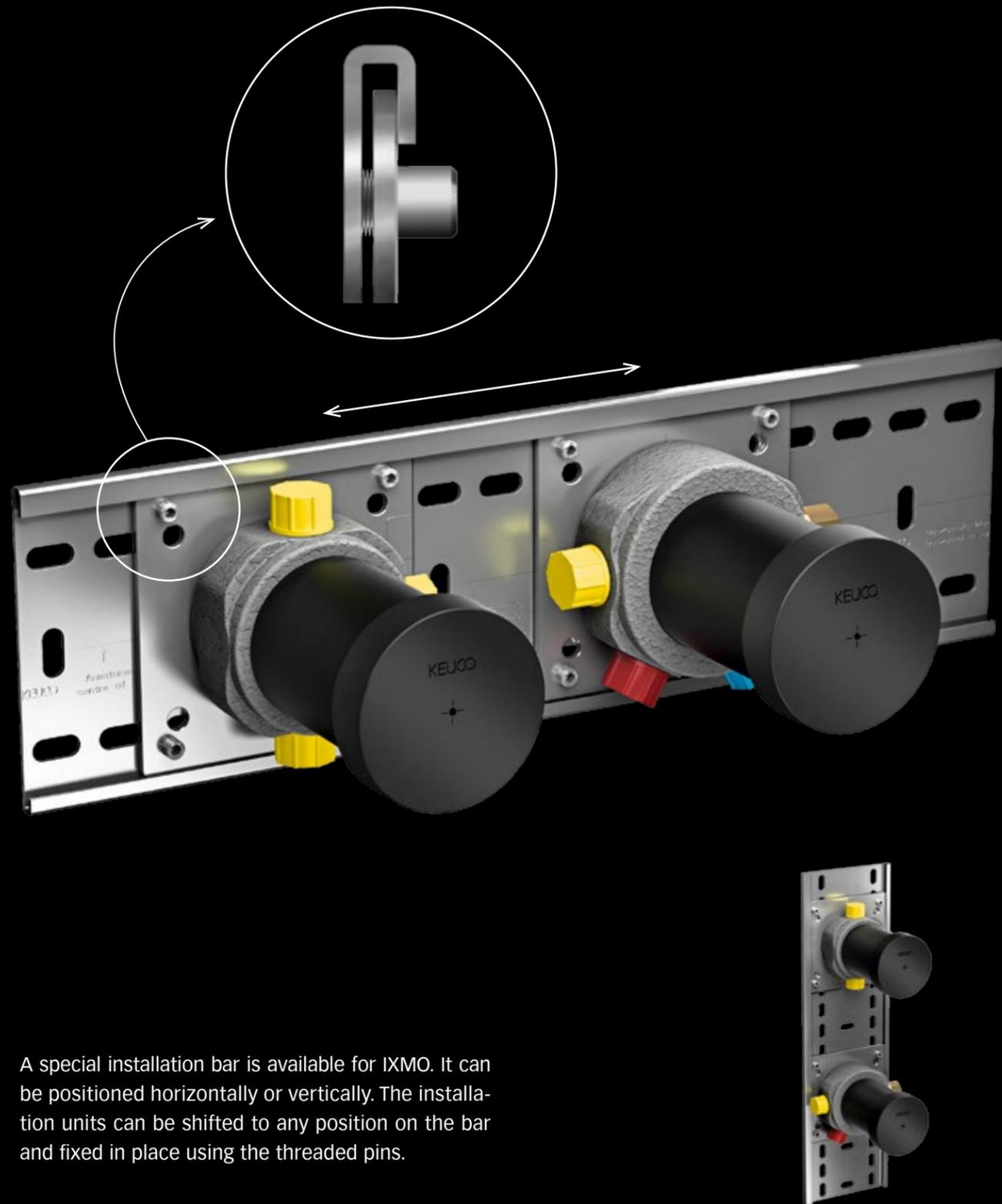


All modules can be flexibly installed over 360°, with the exception of the single-lever mixer.



The installed unit can be finely adjusted with the threaded pins in such a way that it is aligned perfectly against the wall at right angles.

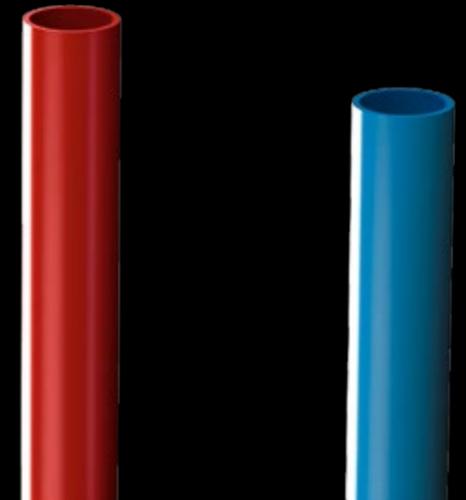
## Installation



A special installation bar is available for IXMO. It can be positioned horizontally or vertically. The installation units can be shifted to any position on the bar and fixed in place using the threaded pins.



In cases where the water lines are swapped in the bathroom, no additional adapter needs to be acquired. IXMO thermostats have an integrated solution, where the components can simply be swapped in the base unit.



“The new features in IXMO are designed for everyday use and are self-explanatory. For positioning and fine adjustments, working with IXMO is very precise, but still more convenient than conventional solutions.”

Thomas Lipps, Plumber and heating technician



# Increased range of options.

One basic idea, many options – discover the freedom that IXMO offers for planning showers and bath tubs.



## SINGLE LEVER MIXER



### 1 WATER DRAW-OFF POINT

Wall outlet for shower hose

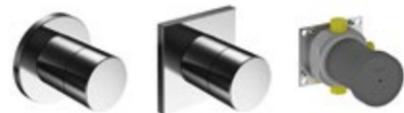


Wall outlet for shower hose with hand shower bracket



### 2 WATER DRAW-OFF POINTS

2-way diverter valve



2-way diverter valve with wall outlet for shower hose



2-way diverter valve with wall outlet for shower hose and hand shower bracket



### 3 WATER DRAW-OFF POINTS

3-way diverter valve



3-way diverter valve with wall outlet for shower hose



3-way diverter valve with wall outlet for shower hose and hand shower bracket

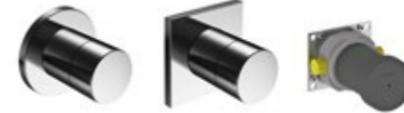


## THERMOSTAT



### 1 WATER DRAW-OFF POINT

Stop valve



Stop valve with wall outlet for shower hose

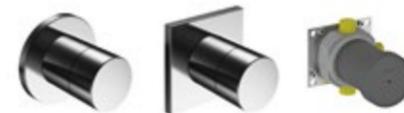


Stop valve with wall outlet for shower hose and hand shower bracket

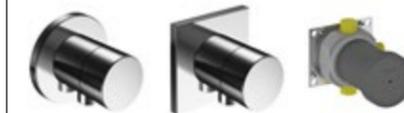


### 2 WATER DRAW-OFF POINTS

2-way stop and diverter valve



2-way stop and diverter valve with wall outlet for shower hose



2-way stop and diverter valve with wall outlet for shower hose and hand shower bracket



2-way diverter valve



2-way diverter valve with wall outlet for shower hose



2-way diverter valve with wall outlet for shower hose and hand shower bracket



### 3 WATER DRAW-OFF POINTS

3-way diverter valve



3-way diverter valve with wall outlet for shower hose



3-way diverter valve with wall outlet for shower hose and hand shower bracket



## Product overview



**59551**  
**Single lever mixer DN 15**  
Mixing cartridge with ceramic sealing gaskets, temperature controlled, set complete with:  
handle, sleeve, rosette (round or square) and installation unit,  
suitable for rough part no. 59551/000070



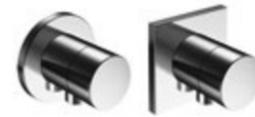
**59551**  
**Installation unit for single lever mixer DN 15**  
Rough part for recessed installation



**59553**  
**Thermostat battery DN 15**  
Set complete with:  
handle, sleeve and rosette (round or square)  
suitable for rough part no. 59553/000070



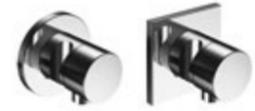
**59553**  
**Installation unit for thermostat battery DN 15**  
Rough part for recessed installation



**59557**  
**2-way stop and diverter valve with wall outlet for shower hose DN 15**  
Set complete with:  
handle, casing, rosette (round or square) and stop and diverter valve, intrinsically safe against backflow,  
suitable for rough part no. 59556/000170



**59556**  
**Installation unit for 2-way diverter valve with wall outlet for shower hose DN 15**  
Rough part for recessed installation



**59557**  
**2-way stop and diverter valve with wall outlet for shower hose and hand shower bracket DN 15**  
Set complete with:  
handle, casing, rosette (round or square) and stop and diverter valve, intrinsically safe against backflow,  
suitable for rough part no. 59556/000170



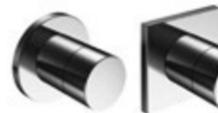
**59556**  
**Installation unit for 2-way diverter valve with wall outlet for shower hose DN 15**  
Rough part for recessed installation



**59547**  
**Wall outlet for shower hose DN 15**  
with round or square decorative disc, intrinsically safe against backflow  
Projection: 55 mm



**59592**  
**Wall outlet for shower hose with hand shower bracket DN 15**  
for shower hoses with fitted conical end brackets, with round or square decorative disc, intrinsically safe against backflow



**59541**  
**Stop valve DN 15**  
Set complete with:  
handle, casing, rosette (round or square) and stop cock  
suitable for rough part no. 59541/000070



**59541**  
**Installation unit for stop valve DN 15**  
Rough part for recessed installation



**59541**  
**Stop valve with wall outlet for shower hose DN 15**  
Set complete with:  
handle, casing, rosette (round or square) and stop cock, intrinsically safe against backflow,  
suitable for rough part no. 59541/000170



**59541**  
**Installation unit for stop valve with wall outlet for shower hose DN 15**  
Rough part for recessed installation



**59541**  
**Stop valve with wall outlet for shower hose and hand shower bracket DN 15**  
Set complete with:  
handle, casing, rosette (round or square) and stop cock, intrinsically safe against backflow,  
suitable for stop cock no. 59541/000170



**59541**  
**Installation unit for stop valve with wall outlet for shower hose DN 15**  
Rough part for recessed installation



**59557**  
**2-way stop and diverter valve DN 15**  
Set complete with:  
handle, casing, rosette (round or square) and stop and diverter valve  
suitable for rough part no. 59556/000070



**59556**  
**Installation unit for 2-way diverter valve DN 15**  
Rough part for recessed installation



**59556**  
**2-way diverter valve DN 15**  
Set complete with:  
handle, casing, rosette (round or square) and diverter valve  
suitable for rough part no. 59556/000070



**59556**  
**Installation unit for 2-way diverter valve DN 15**  
Rough part for recessed installation



**59556**  
**2-way diverter valve with wall outlet for shower hose DN 15**  
Set complete with:  
handle, casing, rosette (round or square) and diverter valve, intrinsically safe against backflow,  
suitable for rough part no. 59556/000170



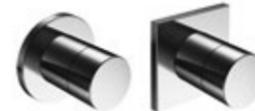
**59556**  
**Installation unit for 2-way diverter valve with wall outlet for shower hose DN 15**  
Rough part for recessed installation



**59556**  
**2-way diverter valve with wall outlet for shower hose and hand shower bracket DN 15**  
Set complete with:  
handle, casing, rosette (round or square) and diverter valve, intrinsically safe against backflow,  
suitable for rough part no. 59556/000170



**59556**  
**Installation unit for 2-way diverter valve with wall outlet for shower hose DN 15**  
Rough part for recessed installation



**59548**  
**3-way diverter valve DN 15**  
Set complete with:  
handle, casing, rosette (round or square) and diverter valve  
suitable for rough part no. 59548/000070



**59548**  
**Installation unit for 3-way diverter valve DN 15**  
Rough part for recessed installation



**59548**  
**3-way diverter valve with wall outlet for shower hose DN 15**  
Set complete with:  
handle, casing, rosette (round or square) and diverter valve, intrinsically safe against backflow,  
suitable for rough part no. 59548/000170



**59548**  
**Installation unit for 3-way diverter valve with wall outlet for shower hose DN 15**  
Rough part for recessed installation

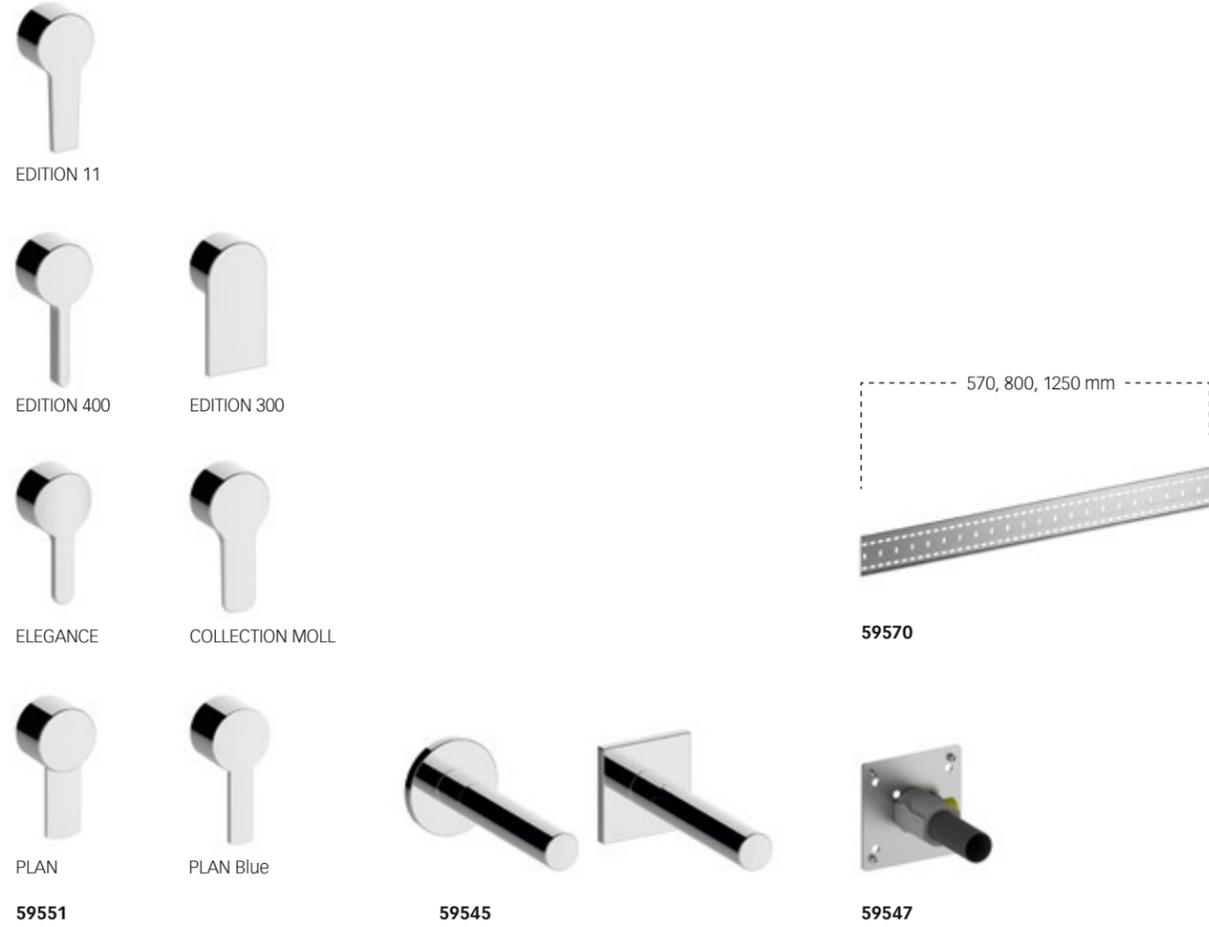


**59548**  
**3-way diverter valve with wall outlet for shower hose and hand shower bracket DN 15**  
Set complete with:  
handle, casing, rosette (round or square) and diverter valve, intrinsically safe against backflow,  
suitable for rough part no. 59548/000170



**59548**  
**Installation unit for 3-way diverter valve with wall outlet for shower hose DN 15**  
Rough part for recessed installation

## Product overview



**59551**  
**Single lever mixer/handles**  
handles matching the recessed single lever mixers no. 59551/019501, 59551/019502

**59545**  
**Bath filler/spout DN 15**  
with round or square rosette, suitable for all concealed fittings  
Projection: 130, 180 mm

**59570**  
**IXMO Mounting rail**  
for an easy and steplessly adjustable installation of the IXMO function units  
Length: 570, 800, 1250 mm

**59547**  
**Universal installation unit G 1/2**  
for an easy fitting of products with 1/2 inch connection in combination with mounting rail, internal thread G 1/2



**59553**  
**Extension rosette**  
25 mm, round or square, brass, for installation between tiles and finish set for installation of stop and diverter valve in walls with a low wall thickness, installation depth 55-80 mm, suitable for rough part art. no. 59553 000070

**59551**  
**Extension rosette**  
25 mm, round or square, brass, for installation between tiles and finish set for installation of stop and diverter valve in walls with a low wall thickness, installation depth 55-80 mm, suitable for rough part art. no. 59541/000070, 59541/000170, 59548/000070, 59548/000170, 59556/000070, 59556/000170

**59551**  
**Extension rosette**  
25 mm, round or square, brass, with red/blue marker, for installation between tiles and finish set for installation of stop and diverter valve in walls with a low wall thickness, installation depth 55-80 mm, suitable for rough part art. no. 59556/000070

**59551**  
**Extension set for single lever mixer**  
30 mm (installation depth 110-140 mm), for base structure 59551/000070

**59556**  
**Extension set for stop and diverter valve**  
30 mm (installation depth 110-140 mm), for base structure 59541/000070, 59556/000070, 59548/000070

**59949**  
**Tube interrupter**  
in accordance with DIN EN 1717 in a wall mounting box with chrome-plated cover

**Note:**  
Behind the tube interrupter is no shutoff allowed. Installation only in a vertical position.

**59553**  
**Extension set for thermostatic mixer**  
30 mm (installation depth 110-140 mm), for base structure 59553/000070

**59556**  
**Extension set for stop and diverter valve with wall outlet for shower hose**  
30 mm (installation depth 110-140 mm), for base structure 59541/000170, 59556/000170, 59548/000170

# KEUCO

**Concept, design and lithography**

Kontrast Communication Services GmbH, Düsseldorf

**Text**

KEUCO, Kontrast Communication Services GmbH, Düsseldorf

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Jo Jankowski, Berlin;  
Stephan Schacher, New York;  
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