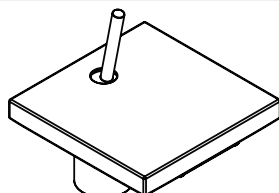


## Installation Instructions / Warranty

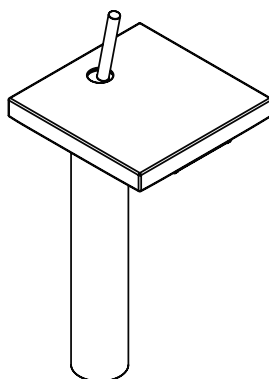


**Starck X**

10070001

10071001

10205001



**Starck X**

10080001

10084001

# AXOR<sup>®</sup>

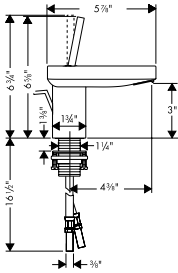
**hansgrohe**

## Starck X Single Control Lavatory Mixer

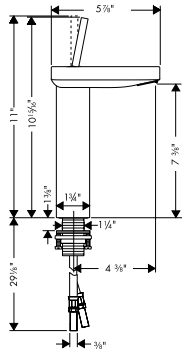
10070001, 10071001, 10080001, 10084XX1

## Starck X Bidet Mixer

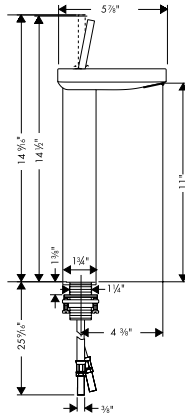
10205001



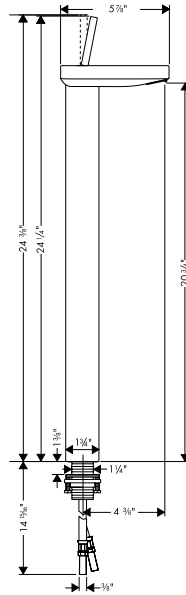
10070001



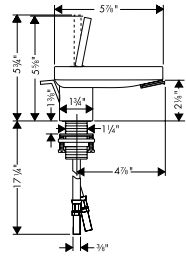
10071001



10080001



10084001



10205001

### Technical Data

Recommended hole size	1 3/8"
Maximum depth of mounting surface	1 3/8"
Flow rate @ 45 psi	2.2 gpm
Maximum water pressure	145 psi
Recommended water pressure:	14.5 - 75 psi
Recommended hot water temp.:	120°F - 140°F*

The supply hoses require supply stops with 3/8" compression fittings (not included).

\*Know and follow all applicable local plumbing codes when setting the temperature on the water heater.

### Prepare to install the faucet:

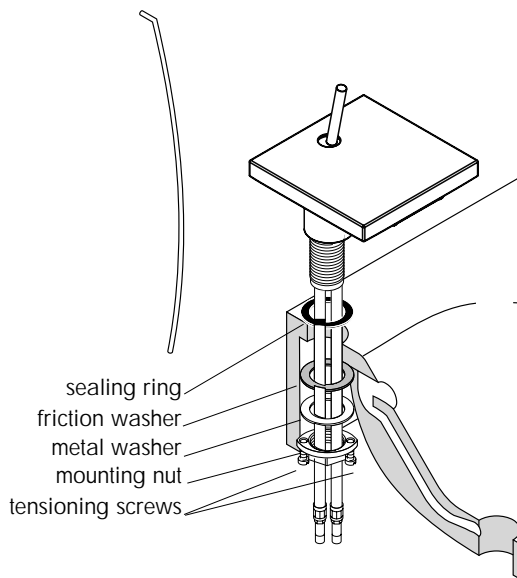
Prior to installation, install supply stops with 3/8" outlets. The supply hoses will attach to the supply stops with 3/8" compression fittings. Neither the supply stops nor the compression fittings are provided by Hansgrohe.

Flush the supply lines thoroughly. Damage to the faucet caused by debris in the water line is not covered under the limited lifetime warranty.

## Install the faucet:

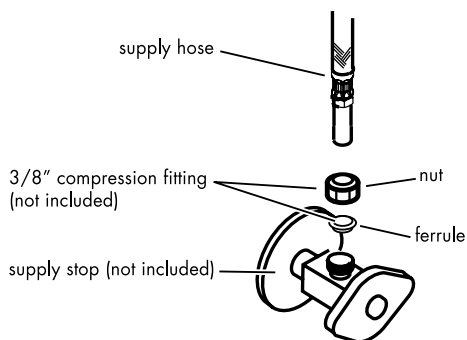
Place the faucet and sealing ring on top of the mounting surface.

From beneath the mounting surface, install the friction washer, metal washer and mounting nut. Tighten the mounting nut. Tighten the tensioning screws.



Connect the hoses to the supply stops with 3/8" compression fittings (not included).

Place the compression nut and ferrule over the shank of the supply hose. Push the shank into the supply stop. Tighten the compression nut hand tight, then finish with a wrench.



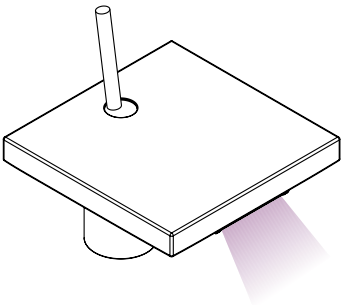
Install the pull rod (10070001, 10205001 only).

Install the drain.

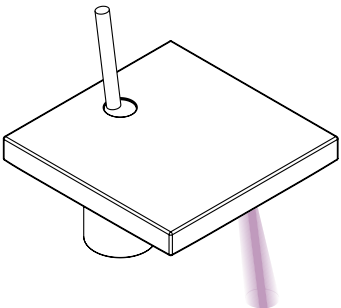
Turn the water on and check all connections for leaks.

# Change the Spray former (optional)

The spray former installed at the factory produces a waterfall flow.

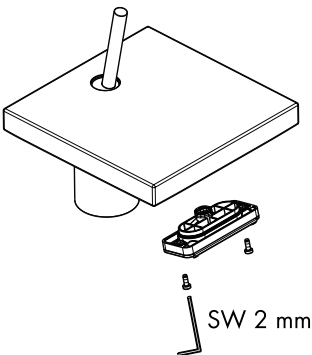


Should the user prefer a round flow pattern, remove the waterfall spray former and replace it with the enclosed spray former 98610000.



Use a 2 mm Allen wrench to remove the screws. Remove the waterfall spray former.

Install spray former 98610000. Tighten the screws with the 2 mm Allen wrench.



## Install the pop-up drain (10700001, 10205001 only)

Remove the plunger assembly.

Unscrew the drain outlet flange from the tee.

Unscrew the tailpiece from the tee. Wrap the threads with Teflon™ thread tape and replace.

Install the white, flexible sealing gasket to the flange. Place it in the sink outlet.

From under the sink, install the black mack gasket, white friction ring, and retainer nut to the flange. Do not tighten the nut against the bottom of the sink at this time.

Thread the tee and tailpiece to the flange. The pivot must face the faucet. If necessary, turn the drain assembly.

Tighten the retainer nut.

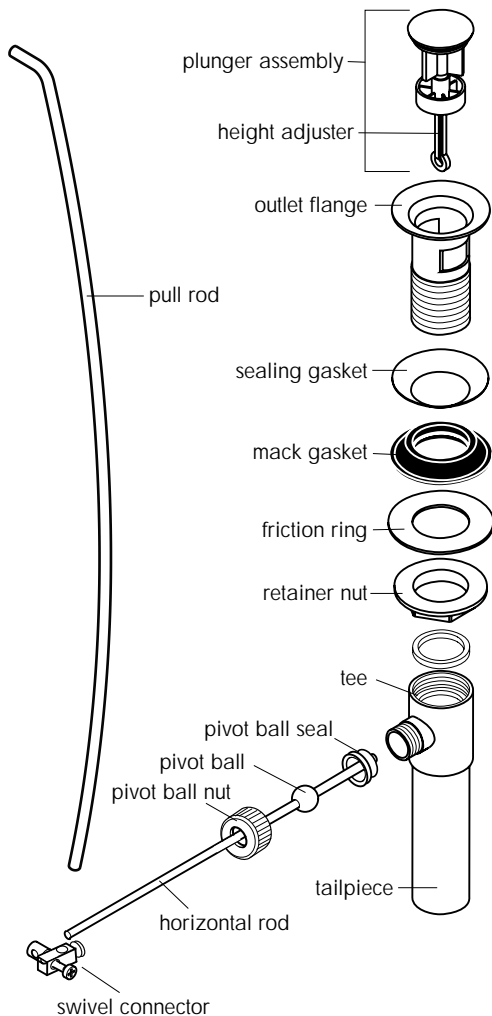
Place the plunger assembly in the drain.

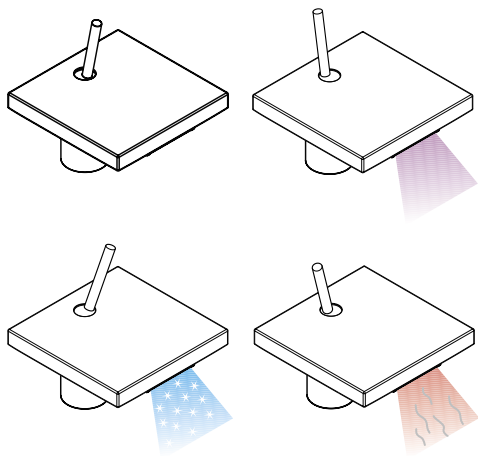
Install the horizontal rod so that the end goes through the loop in the bottom of the height adjuster.

Install and hand tighten the pivot ball nut.

Attach the swivel connector to the end of the horizontal rod.

Attach the swivel connector to the end of the pull rod. Position as desired, and tighten with a small, flathead screwdriver.





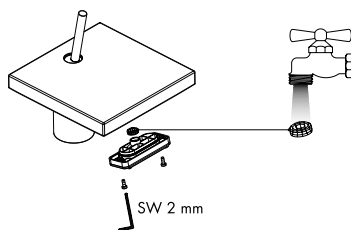
## User Instructions:

Pull the handle forward to turn the water off. Push it toward the rear to turn the water on.

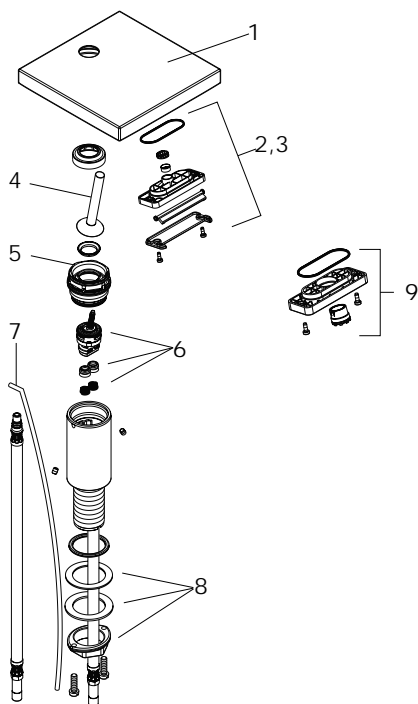
Push the handle to the right for cooler water, to the left for warmer water.

The angle of the water flow may be adjusted by pivoting the spray former forward or backward.

Should the flow of water diminish, remove the spray former and clean the aerator.



## Replacement Parts



1	spout	97461000
2	spray former cpl.	97462000
3	spray former cpl. for bidet	97463000
4	handle	10092000
5	nut	97464000
6	cartridge cpl.	96339000
7	pop up rod	97158000
8	fixing set	13961000
9	round flow spray former	98610000

# Cleaning Recommendation for Hansgrohe Products

Modern faucetry and shower products utilize a combination of materials to comply with the needs of the market with regard to design and functionality.

To avoid damage, it is necessary to use some caution when cleaning. Damage caused by improper treatment is not covered under the Hansgrohe warranty.

## Cleaning Materials for Faucets and Showers

- To remove lime scale, use only products made specifically for that purpose. Always follow the manufacturer's instructions when using.
- Do not use cleaners that contain hydrochloric, formic, acetic, or phosphoric acids, as these will cause considerable damage to finishes and to plastic components.
- Never mix cleaning materials.
- Never use cleaners containing abrasives. Do not use abrasive cleaning cloths, pads, or sponges.

## Cleaning Procedures

- Clean your faucets and shower products as and when required. Regular cleaning will prevent scale buildup and water spotting.
- Follow the label instructions. Do not allow any cleaner to remain on the product for longer than necessary.
- When using spray cleaners, spray first onto a sponge or cloth – do not spray directly onto the product.
- After cleaning, rinse thoroughly with clear water to remove any cleaner residue.

## Important

- Soap and shampoo residue can also cause damage to the product. Rinse well with clean water after use.
- If the surface is already damaged, harsh cleaning materials will cause further damage.

# Limited Lifetime Consumer Warranty

This product has been manufactured and tested to the highest quality standards by Hansgrohe, Inc. ("Hansgrohe"). This warranty is limited to Hansgrohe products which are purchased by a consumer in the United States after March 1, 1996, and installed in either the United States or Canada.

## WHO IS COVERED BY THE WARRANTY

This warranty extends to the original consumer purchaser only.

## WHAT IS COVERED BY THE WARRANTY

This warranty covers only your Hansgrohe manufactured product. Hansgrohe warrants this product against defects in material or workmanship as follows: Hansgrohe will repair at no charge for parts only or, at its option, replace any product or part of the product which proves defective because of improper workmanship and/or material, under normal installation, use, service and maintenance. If Hansgrohe is unable to provide a replacement and repair is not practical or cannot be timely made, Hansgrohe may elect to refund the purchase price in exchange for the return of the product.

## LENGTH OF WARRANTY

Replacement or repaired parts of products will be covered for the term of this warranty as stated in the following two sentences. If you are a consumer who purchased the product for use primarily for personal, family, or household purposes, this warranty extends for as long as you own the product and the home in which the product is installed. If you purchased the product for use primarily for any other purpose, including, without limitation, a commercial purpose, this warranty extends only (i) for 1 year, with respect to Interaktiv and Retroaktiv products, and (ii) for 5 years, with respect to AXOR, ShowerPower and Pharo products.

## THIS WARRANTY DOES NOT COVER, AND HANSGROHE WILL NOT PAY FOR:

- A. Conditions, malfunctions or damage not resulting from defects in material or workmanship.
- B. Conditions, malfunctions or damage resulting from (1) improper installation, improper maintenance, misuse, abuse,

negligence, accident or alteration, or (2) the use of abrasive or caustic cleaning agents or "no rinse" cleaning products, or the use of the product in any manner contrary to the product instructions.

- C. Labor or other expenses for the disconnection or return of the product for warranty service, or for installation or reinstallation of the product.
- D. Accessories or related products not manufactured by Hansgrohe.

#### **TO OBTAIN WARRANTY SERVICE**

Contact your Hansgrohe retailer, or write to Technical Service at:

Hansgrohe Inc.  
1492 Bluegrass Lakes Parkway  
Alpharetta GA 30004

Or, call Hansgrohe toll-free at (800) 334-0455.

In requesting warranty service, you will need to provide

- 1. The sales receipt or other evidence of the date and place of purchase.
- 2. A description of the problem.
- 3. Delivery of the product or the defective part, postage prepaid and carefully packed and insured, to Hansgrohe Inc. 1492 Bluegrass Lakes Parkway, Alpharetta, Georgia 30004, Attention: Technical Service, if required by Hansgrohe.

When warranty service is completed, any repaired or replacement product or part will be returned to you postage prepaid.

#### **EXCLUSIONS AND LIMITATIONS**

**REPAIR OR REPLACEMENT (OR, IN LIMITED CIRCUMSTANCES, REFUND OF THE PURCHASE PRICE) AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE PURCHASER. HANSGROHE NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO CREATE FOR IT ANY OBLIGATION OR LIABILITY IN CONNECTION WITH THIS PRODUCT.**

**HANSGROHE SHALL NOT BE LIABLE TO PURCHASER OR ANY PERSON FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES, ARISING OUT OF BREACH OF THIS WARRANTY OR ANY IMPLIED WARRANTY (INCLUDING MERCHANTABILITY).**

Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may have other rights which vary from State to State.

You may be required by law to give us a reasonable opportunity to correct or cure any failure to comply before you can bring any action in court against us under the Magnuson-Moss Warranty Act.

#### **PRODUCT INSTRUCTIONS AND QUESTIONS**

Upon purchase or prior to installation, please carefully inspect your Hansgrohe product for any damage or visible defect. Prior to installing, always carefully study the enclosed instructions on the proper installation and the care and maintenance of the product. If you have questions at any time about the use, installation, or performance of your Hansgrohe product, or this warranty, please call or write to us at the toll-free number and address printed above.

**hansgrohe**

Hansgrohe, Inc. • 1490 Bluegrass Lakes Parkway • Alpharetta, GA 30004  
Tel. 770 360-9880 • Fax 770 360 9887

**www.hansgrohe-USA.com**