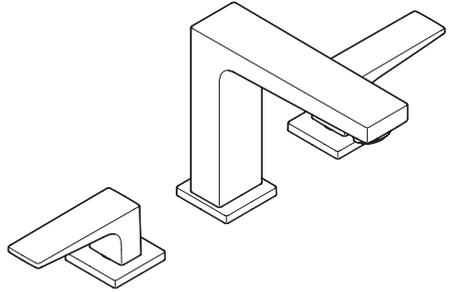


**EN** Instructions for use / Assembly instructions

**DE** Gebrauchsanleitung / Montageanleitung

**2**

**3**



**Metropol 160**

32589XX9



## Safety Notes

- △ Gloves should be worn during installation to prevent crushing and cutting injuries.
- △ The product may only be used for bathing, hygienic and body cleaning purposes.
- △ The hot and cold supplies must be of equal pressures.



## Operation (see page 7)

Hansgrohe recommends not to use as drinking water the first half liter of water drawn in the morning or after a prolonged period of non-use.

## Installation Instructions

- Prior to installation, inspect the product for transport damages. After it has been installed, no transport or surface damage will be honoured.
- The pipes and the fixture must be installed, flushed and tested as per the applicable standards.
- The plumbing codes applicable in the respective countries must be observed.
- The drain valve must only be used as intended. It is not allowed to attach other objects to the drain valve, for example a semi-pedestal.
- The mixer can not used together with a continuous flow water heater.

## Technical Data

Operating pressure: max. 1 MPa  
 Recommended operating pressure: 0,1 - 0,5 MPa  
 Test pressure: 1,6 MPa  
 (1 MPa = 10 bar = 147 PSI)

Hot water temperature: max. 70 °C  
 Recommended hot water temp.: 65 °C  
 Thermal disinfection: max. 70 °C / 4 min

The product is exclusively designed for drinking water!

## Symbol description



Do not use silicone containing acetic acid!



**Dimensions** (see page 8)



**Flow diagram** (see page 8)



**Spare parts** (see page 10)

XXX = Colors  
 000 = Chrome Plated  
 140 = Brushed Bronze  
 340 = Brushed Black Chrome  
 670 = Matt Black  
 700 = Matt White  
 990 = Polished Gold-Optic



**Cleaning** (see page 9)



## Sicherheitshinweise

- △ Bei der Montage müssen zur Vermeidung von Quetsch- und Schnittverletzungen Handschuhe getragen werden.
- △ Das Produkt darf nur zu Bade-, Hygiene- und Körperreinigungszwecken eingesetzt werden.
- △ Große Druckunterschiede zwischen den Kalt- und Warmwasseranschlüssen müssen ausgeglichen werden.

## Montagehinweise

- Vor der Montage muss das Produkt auf Transportschäden untersucht werden. Nach dem Einbau werden keine Transport- oder Oberflächenschäden anerkannt.
- Die Leitungen und die Armatur müssen nach den gültigen Normen montiert, gespült und geprüft werden.
- Die in den Ländern jeweils gültigen Installationsrichtlinien sind einzuhalten.
- Das Ablaufventil darf nur zum bestimmungsgemäßen Gebrauch verwendet werden. Das Befestigen von anderen Gegenständen z. B. einer Halbsäule an dem Ablaufventil ist nicht zulässig.
- Die Armatur kann nicht in Verbindung mit einem Durchlauferhitzer verwendet werden.

## Technische Daten

Betriebsdruck:	max. 1 MPa
Empfohlener Betriebsdruck:	0,1 - 0,5 MPa
Prüfdruck:	1,6 MPa
	(1 MPa = 10 bar = 147 PSI)
Heißwassertemperatur:	max. 70 °C
Empfohlene Heißwassertemperatur:	65 °C
Thermische Desinfektion:	max. 70 °C / 4 min

Das Produkt ist ausschließlich für Trinkwasser konzipiert!

- 140 = Brushed Bronze
- 340 = Brushed Black Chrome
- 670 = Mattschwarz
- 700 = Mattweiß
- 990 = Polished Gold-Optic



**Reinigung** (siehe Seite 9)



**Bedienung** (siehe Seite 7)

Hansgrohe empfiehlt, morgens oder nach längeren Stagnationszeiten den ersten halben Liter nicht als Trinkwasser zu verwenden.

## Symbolerklärung



Kein essigsäurehaltiges Silikon verwenden!



**Maße** (siehe Seite 8)



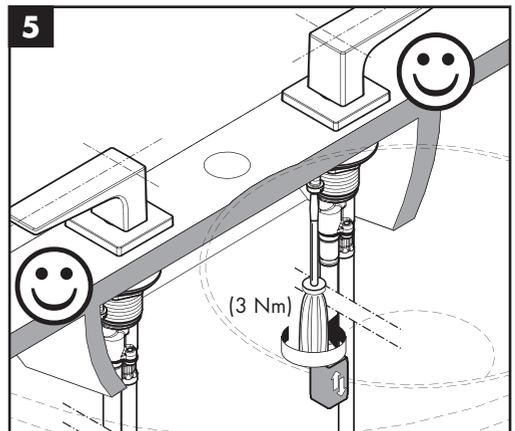
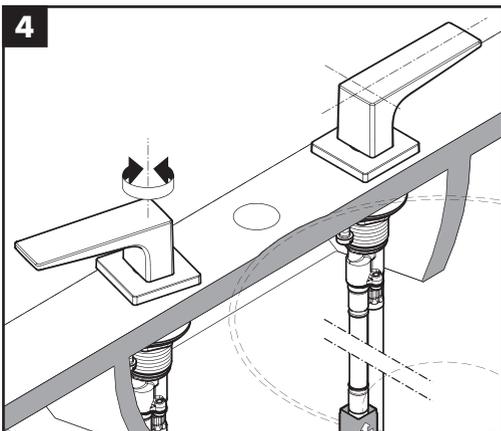
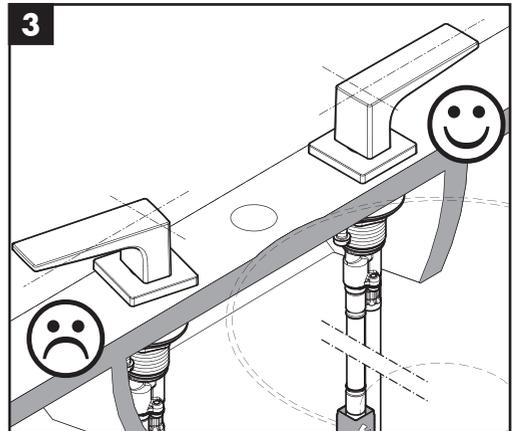
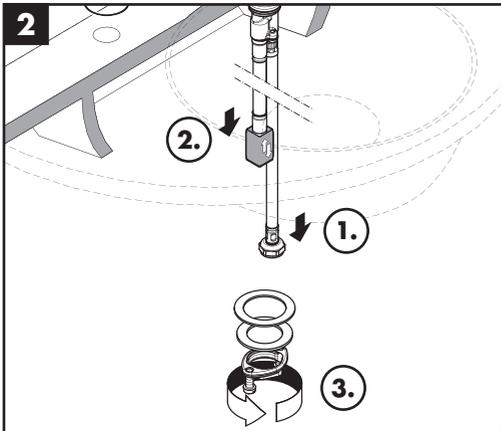
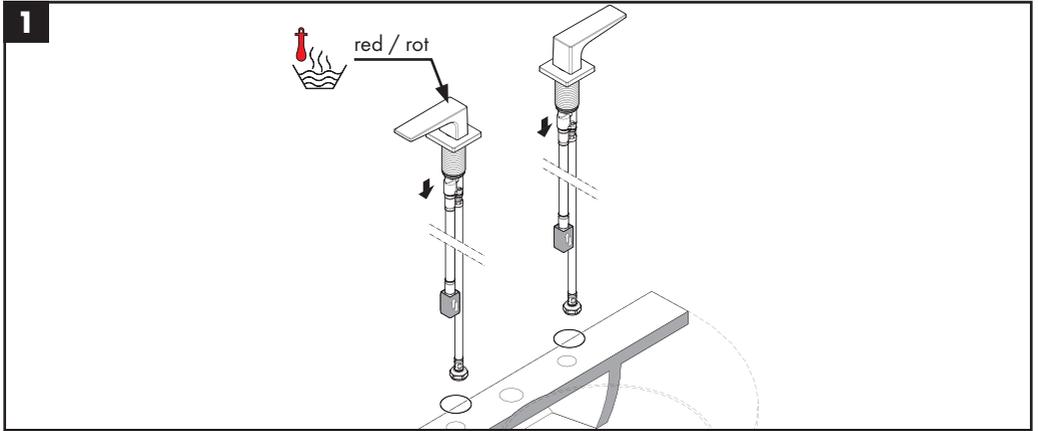
**Durchflussdiagramm** (siehe Seite 8)

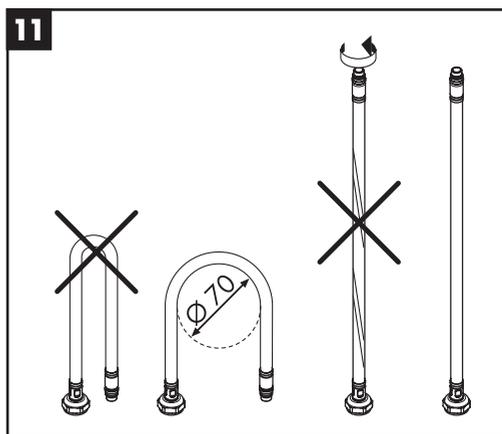
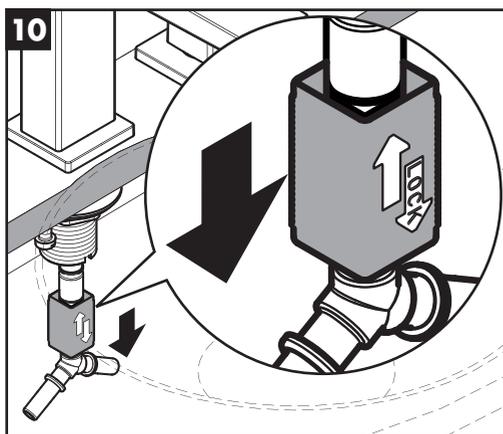
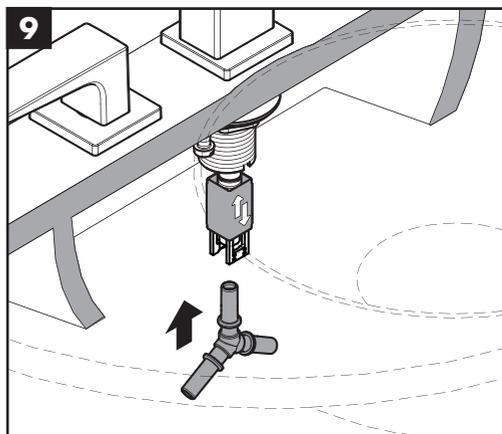
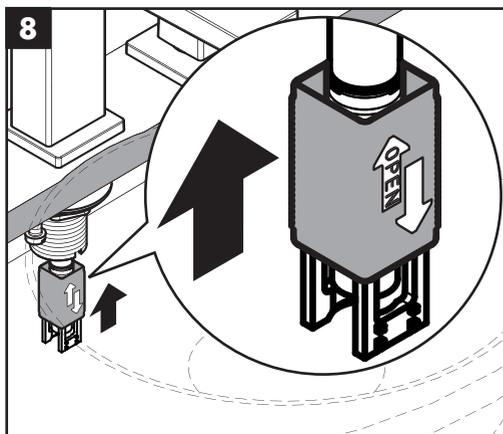
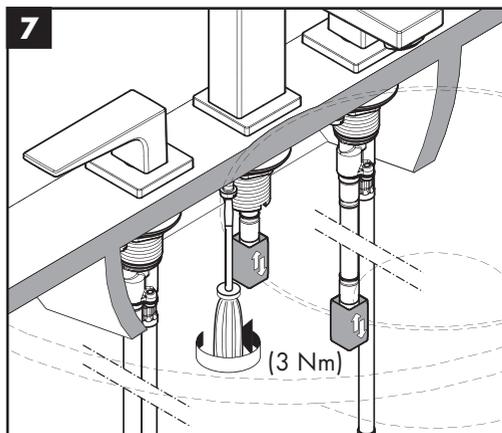
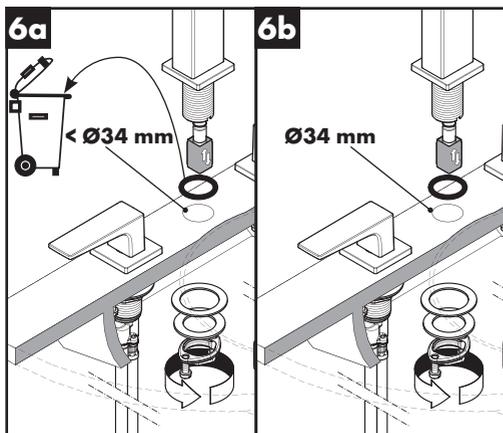


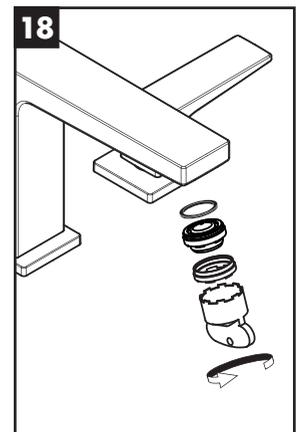
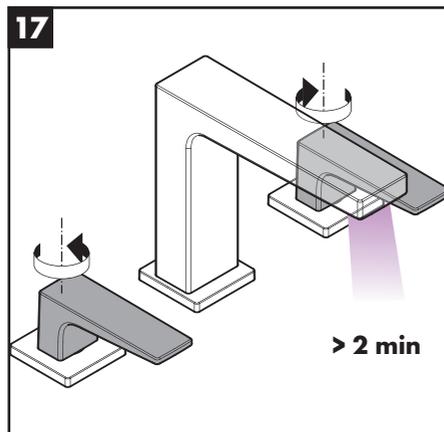
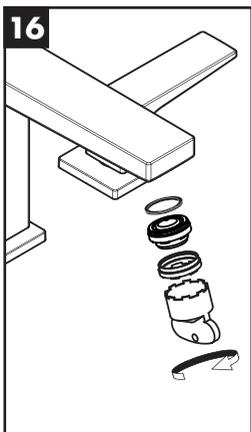
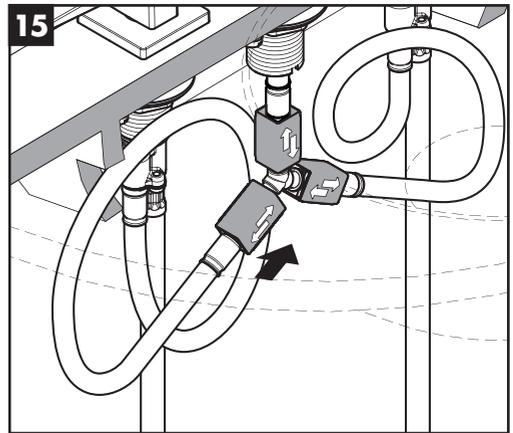
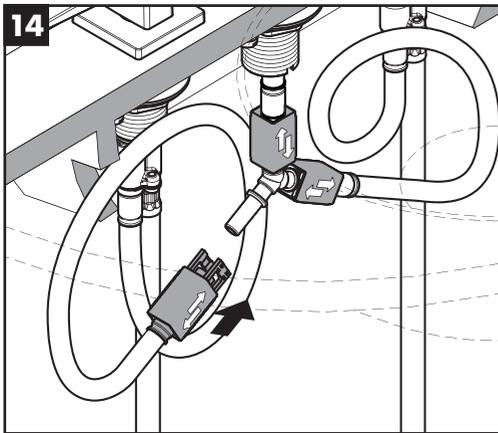
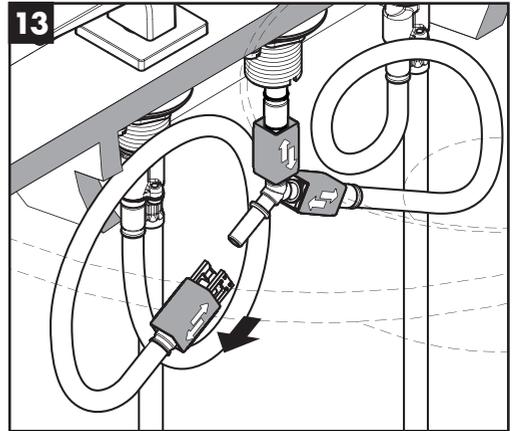
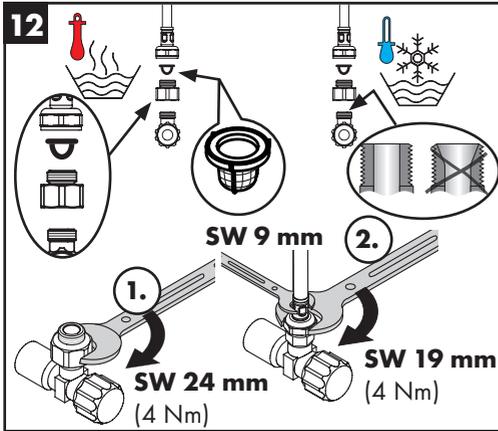
**Serviceteile** (siehe Seite 10)

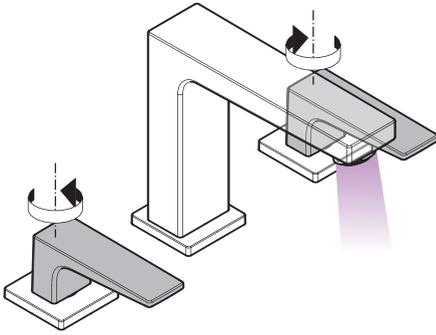
XXX = Farbcodierung

000 = Chrom

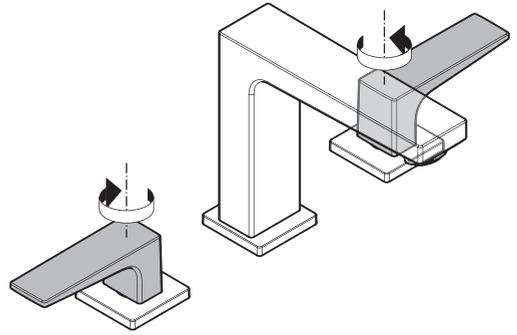




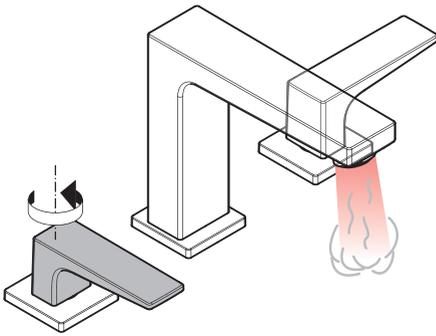




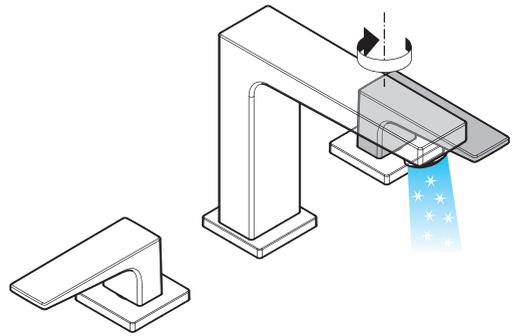
open / öffnen



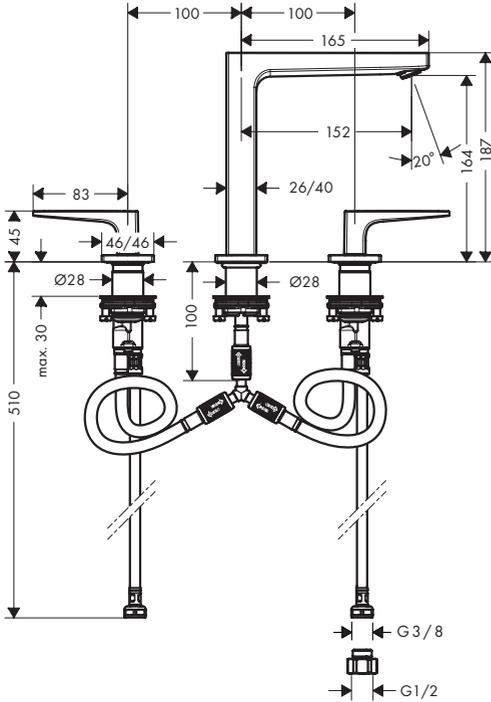
close / schließen



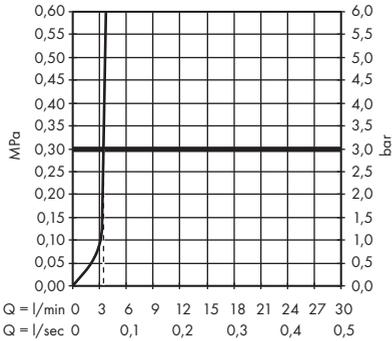
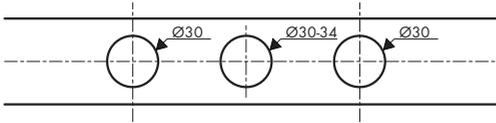
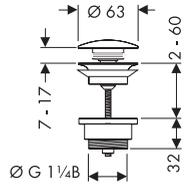
hot / warm



cold / kalt



### 50100XXX



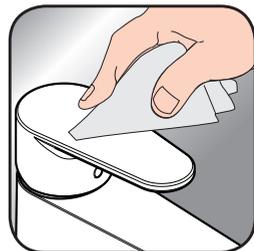


**EN** Cleaning recommendation / Warranty / Contact

**DE** Reinigungsempfehlung / Garantie / Kontakt



[www.hansgrohe.com/  
cleaning-recommendation](http://www.hansgrohe.com/cleaning-recommendation)



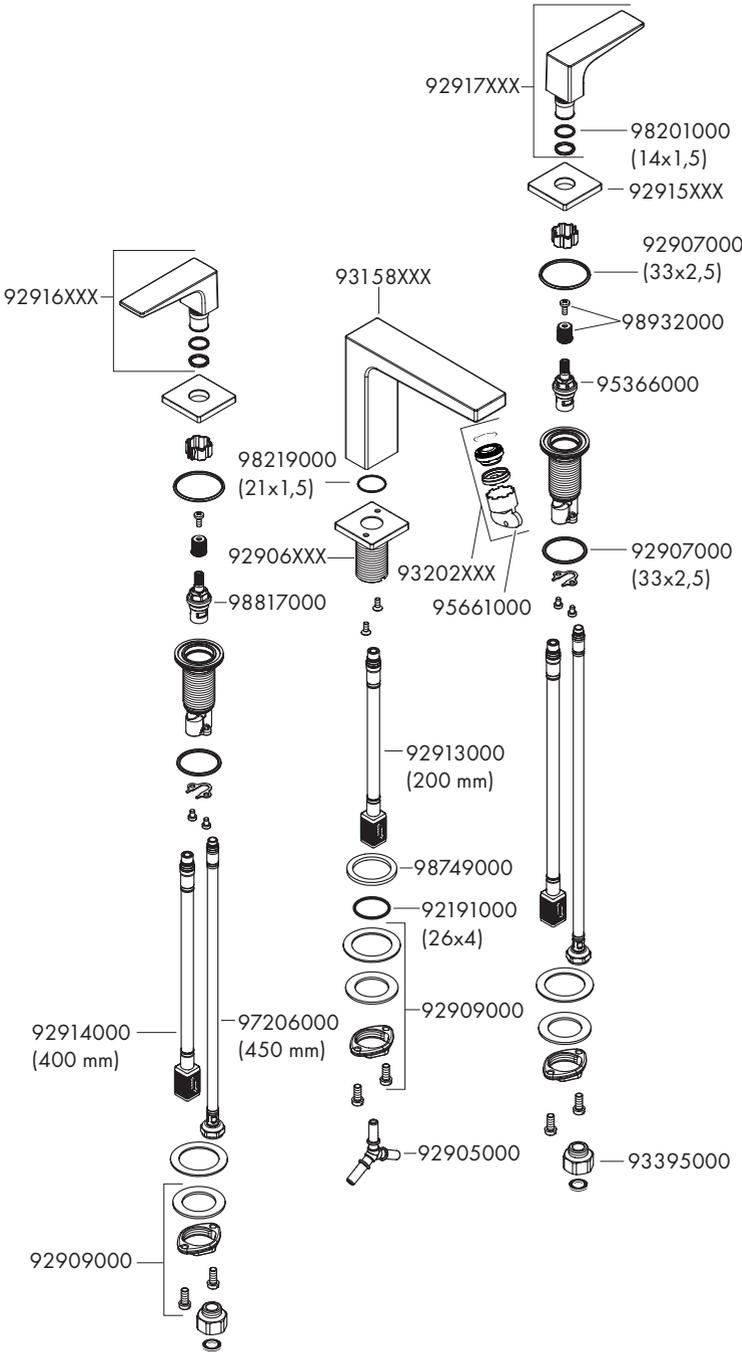
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**hansgrohe**

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