



# HANSAPINTO

Installation and maintenance guide







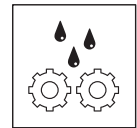
4-8



9-12



12



13-19

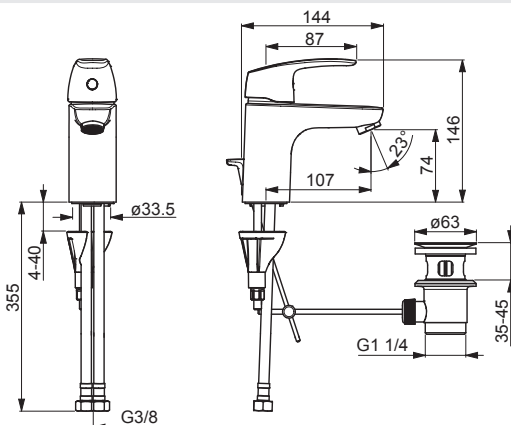


20



### 4504 2283

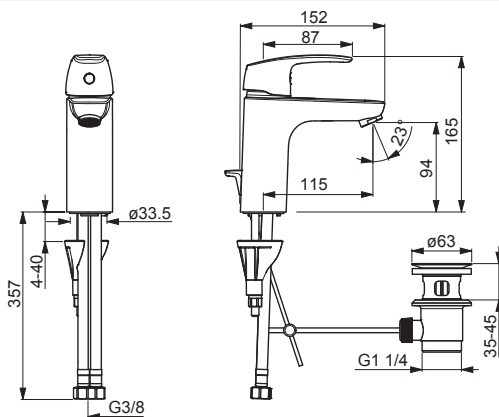
EN 817  
50 - 1000 kPa  
0.10 l/s (300 kPa w/Controller)  
max. +80°C



[mpi.hansa.com/45042283](http://mpi.hansa.com/45042283)

### 4501 2283

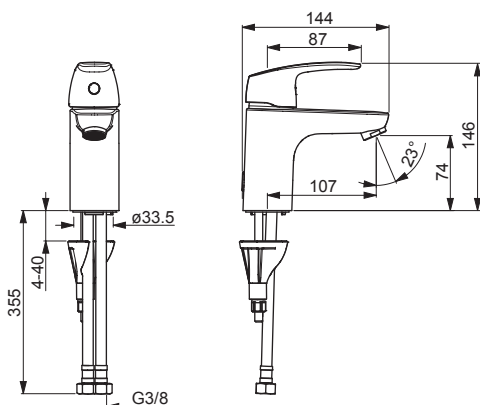
EN 817  
50 - 1000 kPa  
0.10 l/s (300 kPa w/Controller)  
max. +80°C



[mpi.hansa.com/45012283](http://mpi.hansa.com/45012283)

### 4506 2283

EN 817  
50 - 1000 kPa  
0.10 l/s (300 kPa w/Controller)  
max. +80°C

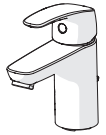
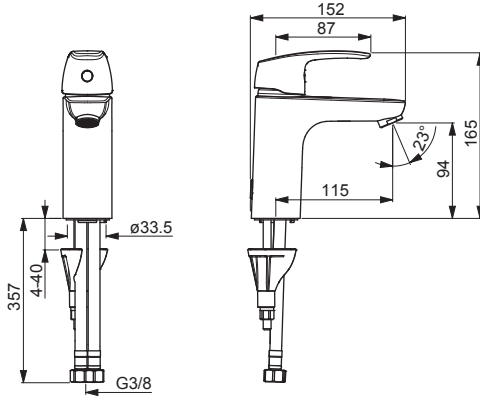


[mpi.hansa.com/45062283](http://mpi.hansa.com/45062283)



**4502 2283**

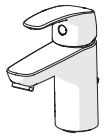
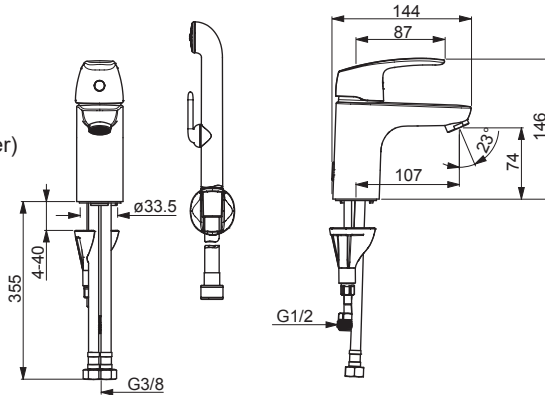
EN 817  
 50 - 1000 kPa  
 0.10 l/s (300 kPa w/Controller)  
 max. +80°C



[mpi.hansa.com/45022283](https://mpi.hansa.com/45022283)

**4505 2283**

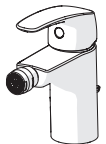
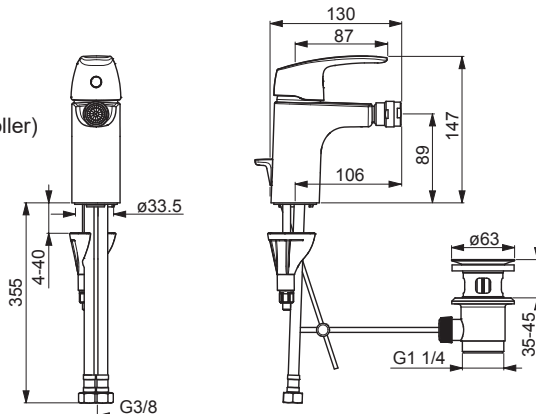
EN 817  
 50 - 1000 kPa  
 0.15 l/s (300 kPa)  
 0.10 l/s (300 kPa w/Controller)  
 max. +65°C



[mpi.hansa.com/45052283](https://mpi.hansa.com/45052283)

**4507 3283**

EN 817  
 50 - 1000 kPa  
 0.10 l/s (300 kPa w/Controller)  
 max. +90°C

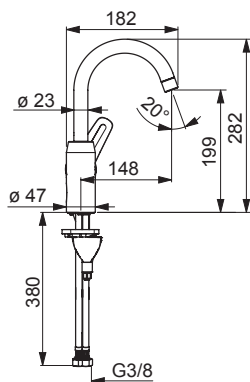
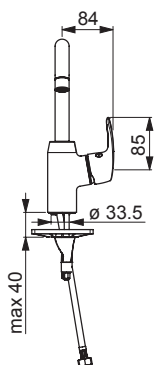


[mpi.hansa.com/45073283](https://mpi.hansa.com/45073283)



### 4509 2283

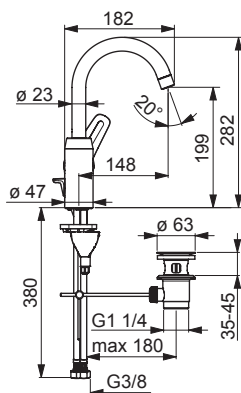
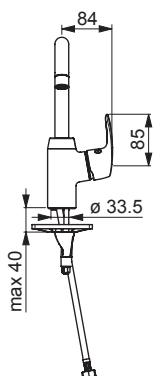
EN 817  
50 - 1000 kPa  
0.10 l/s (300 kPa)  
max. +80°C



[mpi.hansa.com/45092283](http://mpi.hansa.com/45092283)

### 4510 2283

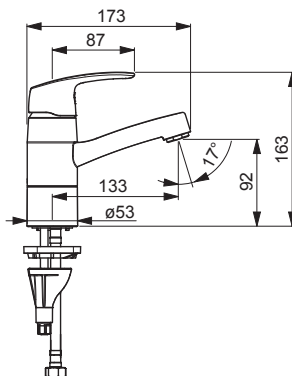
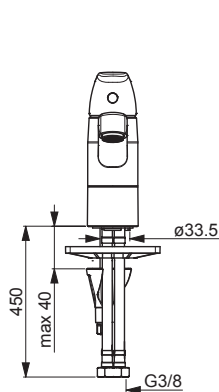
EN 817  
50 - 1000 kPa  
0.10 l/s (300 kPa)  
max. +80°C



[mpi.hansa.com/45102283](http://mpi.hansa.com/45102283)

### 4515 2283

EN 817  
50 - 1000 kPa  
0.10 l/s (300 kPa)  
max. +80°C

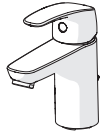
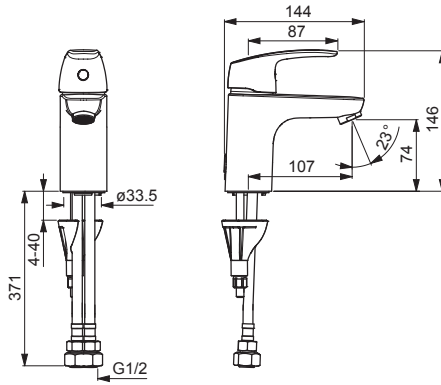


[mpi.hansa.com/45152283](http://mpi.hansa.com/45152283)



**4506 2283 0037**

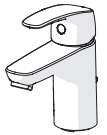
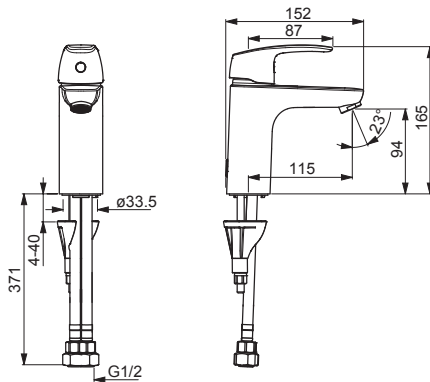
EN 817  
 50 - 1000 kPa  
 0.10 l/s (300 kPa w/Controller)  
 max. +80°C



[mpi.hansa.com/450622830037](http://mpi.hansa.com/450622830037)

**4502 2283 0037**

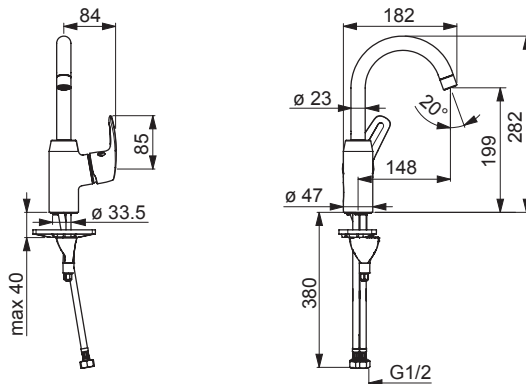
EN 817  
 50 - 1000 kPa  
 max. +80°C



[mpi.hansa.com/450222830037](http://mpi.hansa.com/450222830037)

**4509 2283 0037**

EN 817  
 50 - 1000 kPa  
 max. +80°C

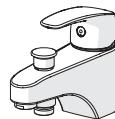
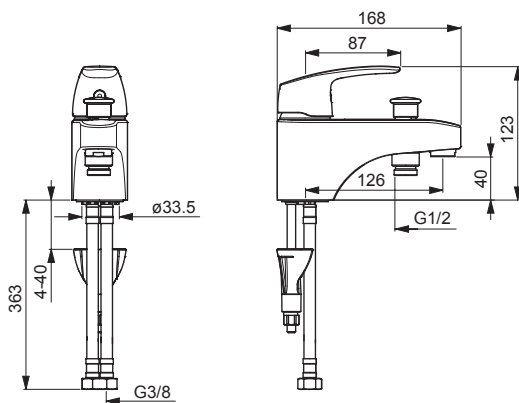


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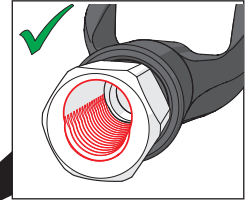
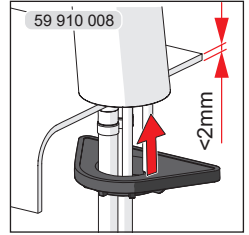
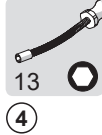
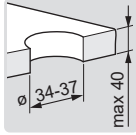
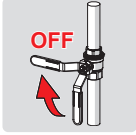
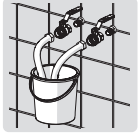
## 4537 2283

EN 817  
50 - 1000 kPa  
0.34 / 0.32 l/s (300 kPa)  
max. +90°C

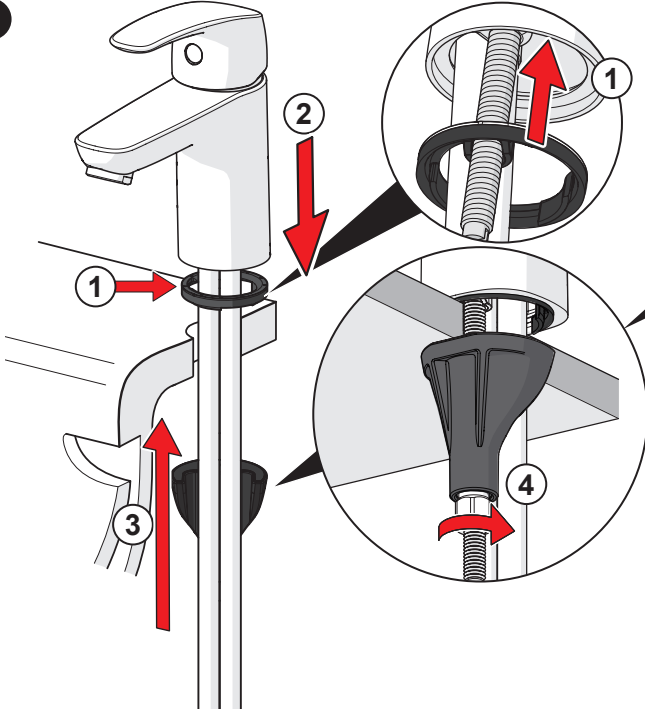


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**1**

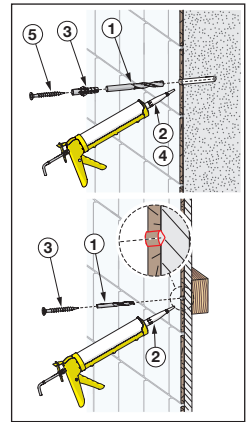
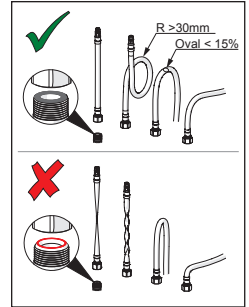
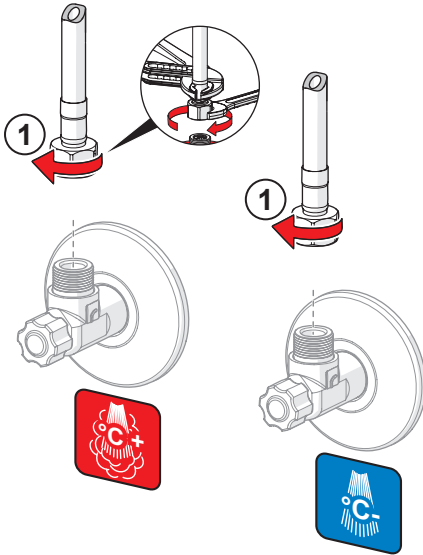


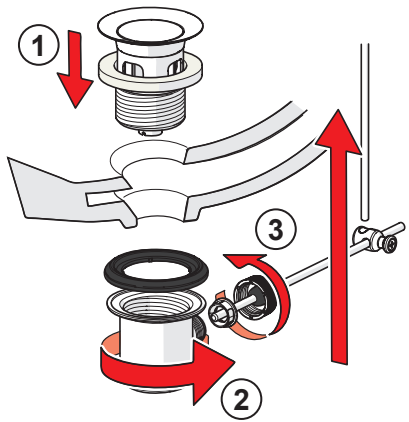
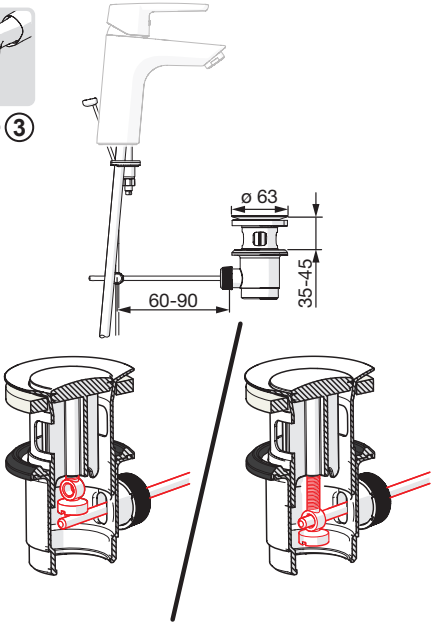


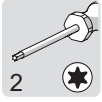
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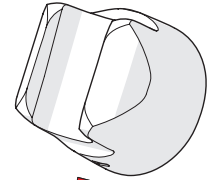
max.  
1600 kPa



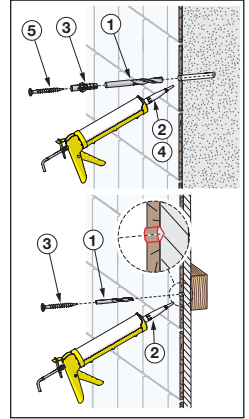
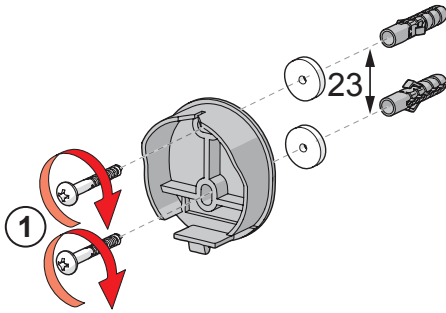


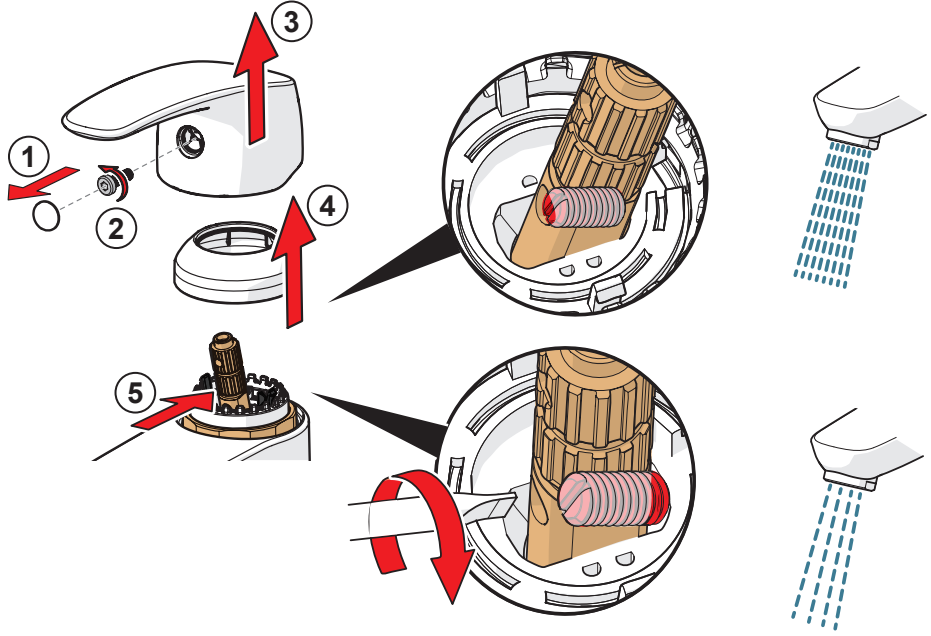
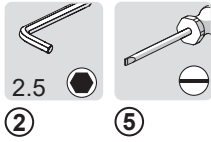


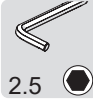
1



2





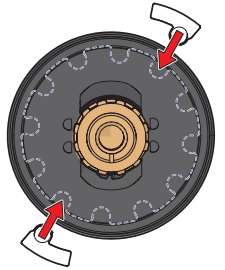
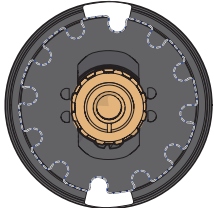
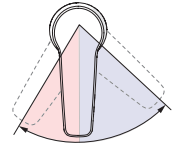
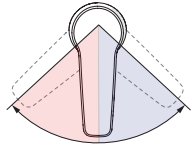
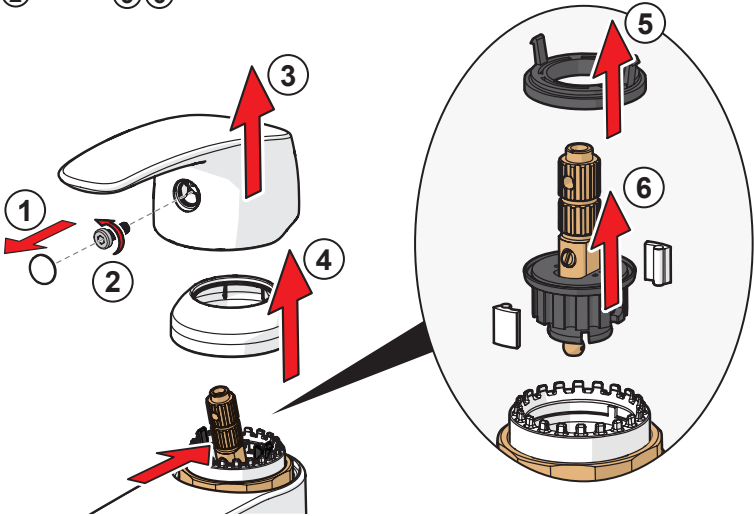


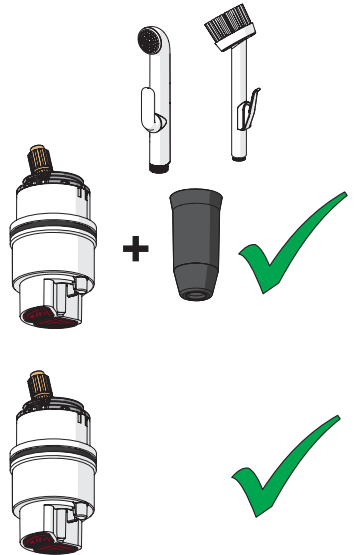
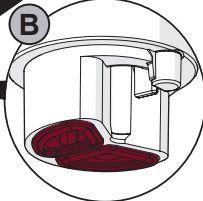
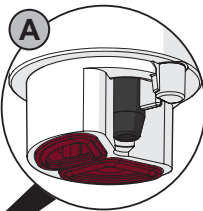
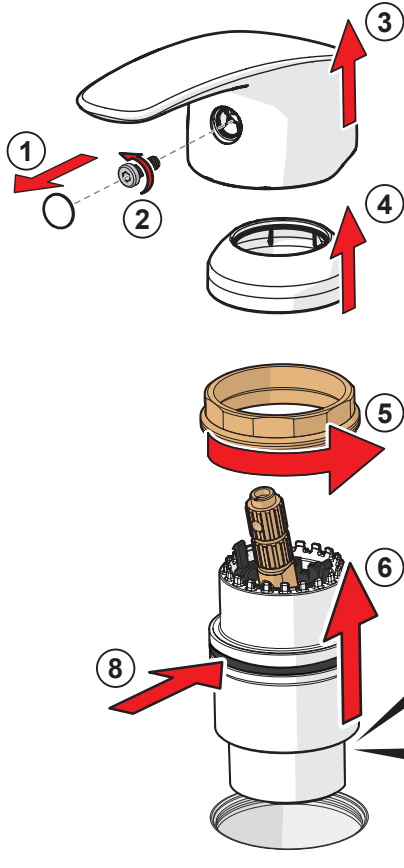
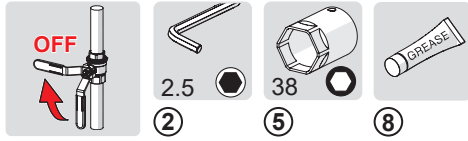
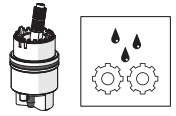
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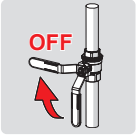
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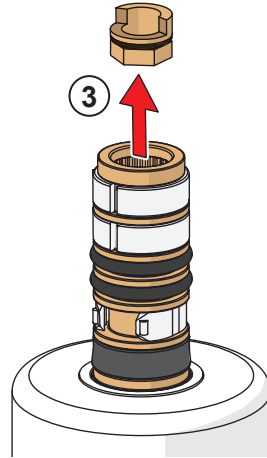
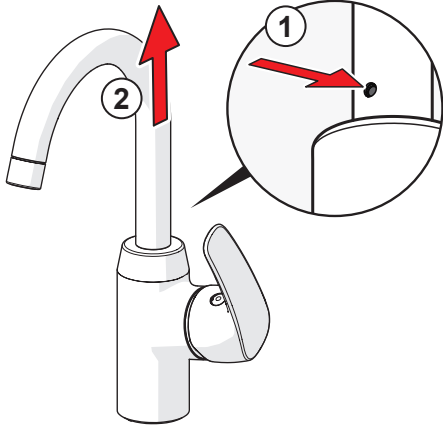
⑤ ⑥



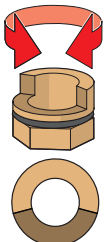




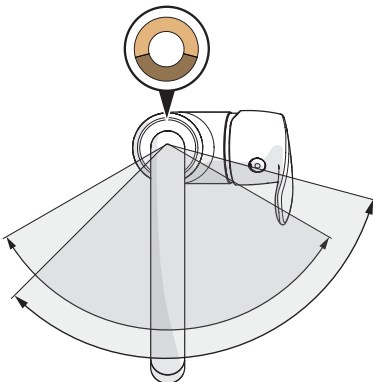
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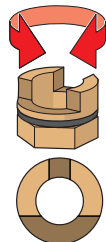
④



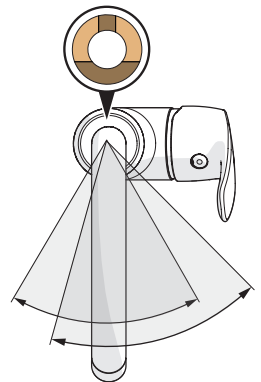
120°



④



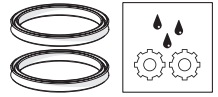
60°/0°



59 914 429

59 914 264





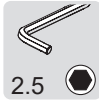
A1



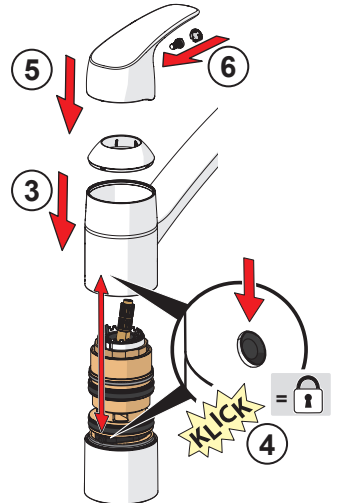
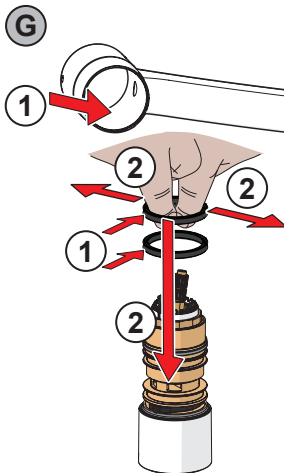
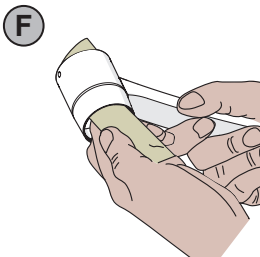
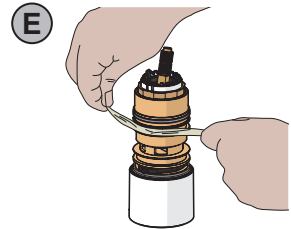
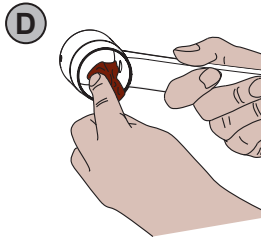
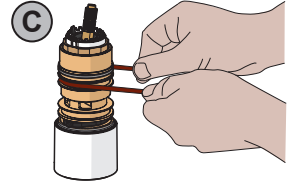
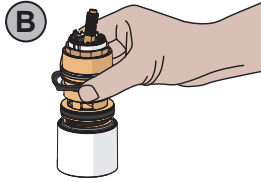
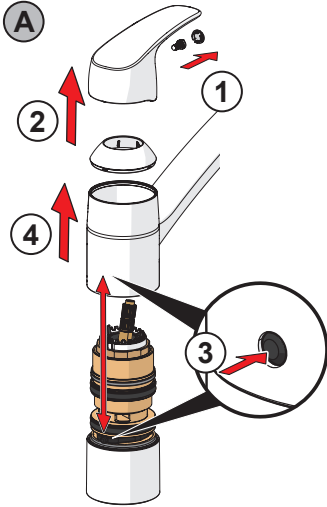
G1

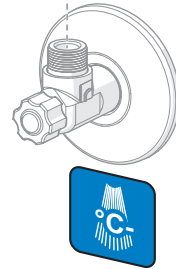
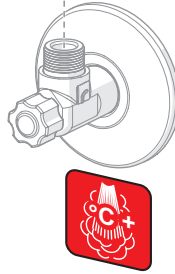
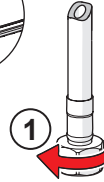
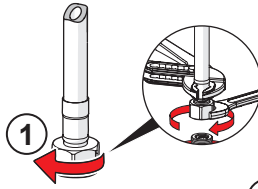
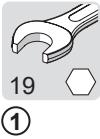
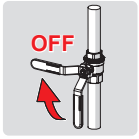


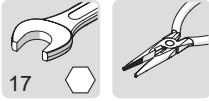
G2



G6

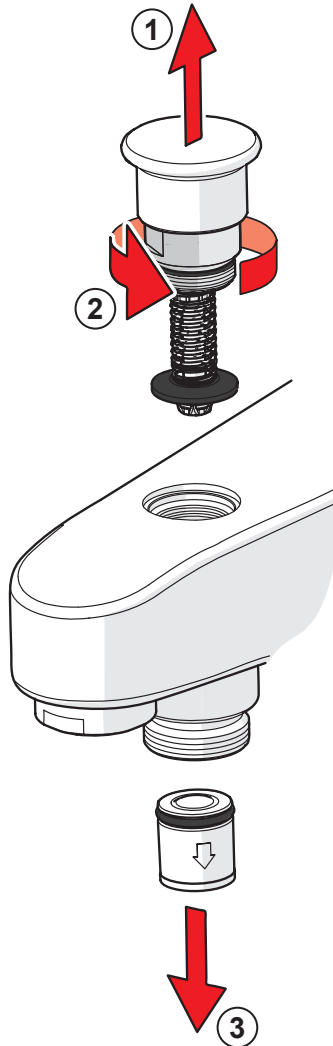


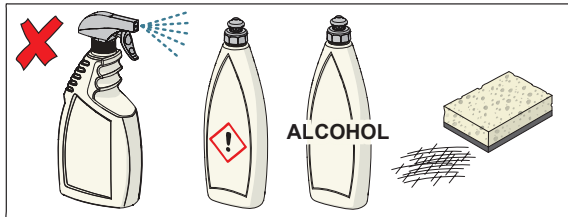
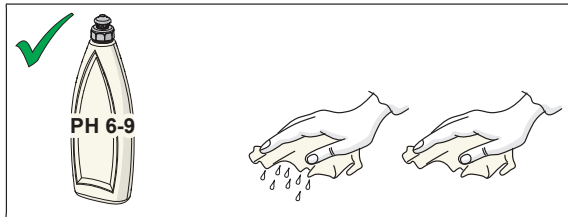
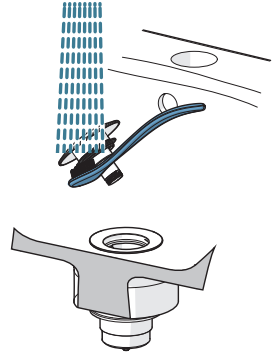
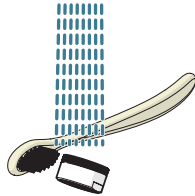
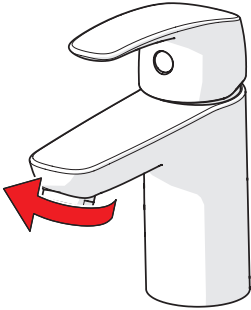
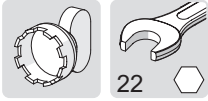




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Oras Group is a powerful European provider of sanitary fittings: the market leader in the Nordics and a leading company in Continental Europe. The company's mission is to make the use of water easy and sustainable and its vision is to become the European leader of advanced sanitary fittings. Oras Group has two strong brands: Oras and Hansa.

The Group's head office is located in Rauma, Finland, and the Group has three manufacturing sites: Kralovice (Czech Republic), Olesno (Poland) and Rauma (Finland). Oras Group employs approximately 1,200 people in twenty countries. Oras Group is owned by Oras Invest, a family company and an industrial owner.

HANSA Armaturen GmbH  
P. O. BOX 81 02 40  
D-70519 Stuttgart  
Sigmaringer Strasse 107  
D-70567 Stuttgart  
Tel.: +49 711 16 14 0  
Fax: +49 711 16 14 368  
info@hansa.de  
www.hansa.com



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