



HANSA

Installation and maintenance guide



4-9



10-15



16



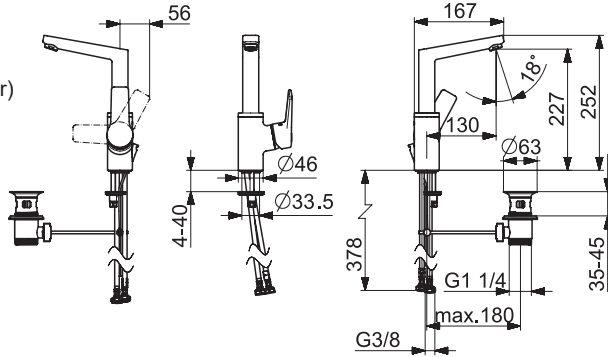
16-20



21

**0954 2203**

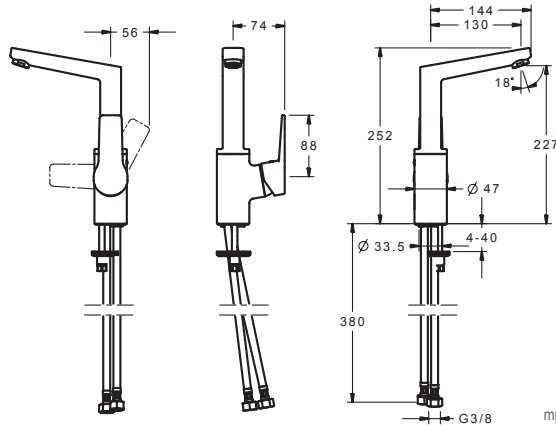
EN 817
50 - 1000 kPa
0.10 l/s (300 kPa w/Controller)
max. +80°C



mpi.hansa.com/09542203

0955 2203

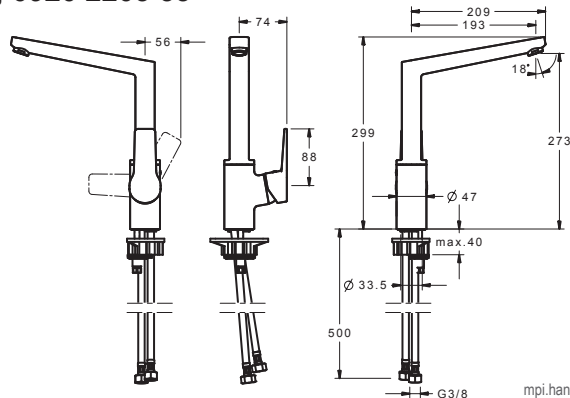
EN 817
50 - 1000 kPa
0.10 l/s (300 kPa w/Controller)
max. +80°C



mpi.hansa.com/09552203

0920 2203 , 0920 2205 , 0920 2203 33

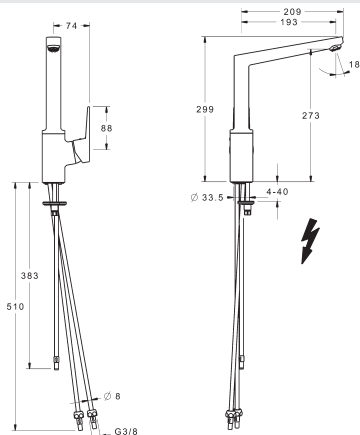
EN 817
50 - 1000 kPa
0.20 l/s (300 kPa)
max. +80°C



mpi.hansa.com/09202203

0922 1103

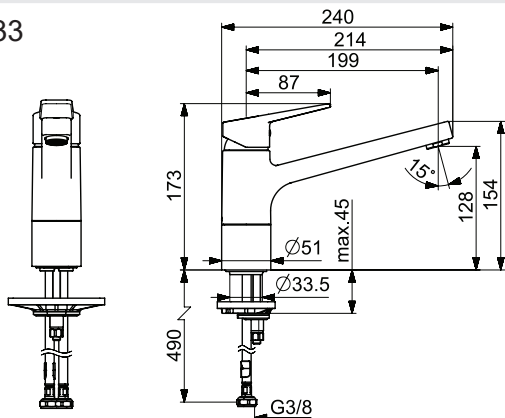
EN 817
50 - 500 kPa
max. +90°C



mpi.hansa.com/09221103

0914 2283 , 0914 2283 33

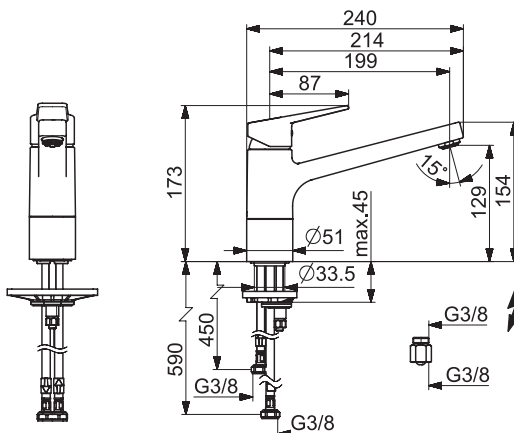
EN 817
50 - 1000 kPa
0.20 l/s (300 kPa)
300 kPa (0.2 l/s)
max. +70°C



mpi.hansa.com/09142283

0912 1183

EN 817
50 - 500 kPa
0.12 l/s (300 kPa)
max. +80°C

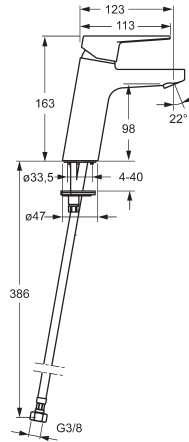


mpi.hansa.com/09121183



0902 2283 , 0902 2283 33

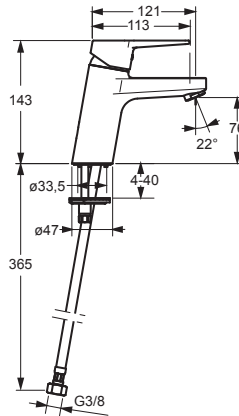
I (ISO 3822)
EN 817
100 - 1000 kPa
0.10 l/s (300 kPa w/Controller)
200 kPa (0.1 l/s)
max. +80°C



mpi.hansa.com/09022283

0905 2283

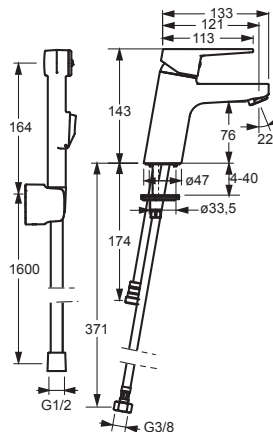
I (ISO 3822)
EN 817
100 - 1000 kPa
0.10 l/s (300 kPa w/Controller)
200 kPa (0.1 l/s)
max. +80°C



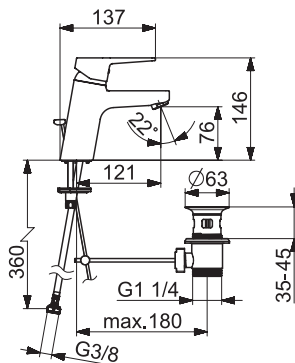
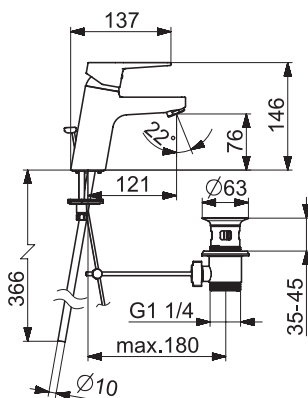
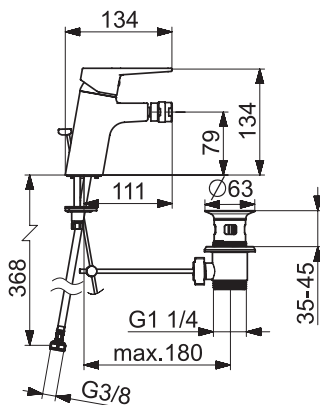
mpi.hansa.com/09052283

0930 2203

I (ISO 3822)
EN 817
100 - 1000 kPa
0.10 l/s (300 kPa w/Controller)
200 kPa (0.1 l/s)
max. +80°C



mpi.hansa.com/09302203





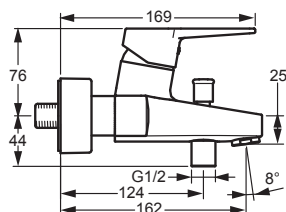
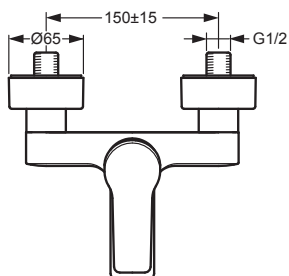
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mpi.hansa.com/09031183

0974 2183 , 0974 2183 33

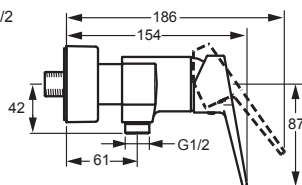
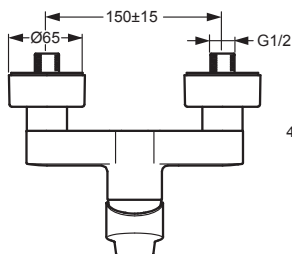
I (ISO 3822)
 EN 817
 50 - 1000 kPa
 0.34 / 0.32 l/s (300 kPa)
 250 kPa (0.3 l/s)
 max. +90°C



mpi.hansa.com/09742183

0967 0183 , 0967 0183 33

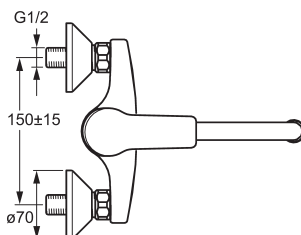
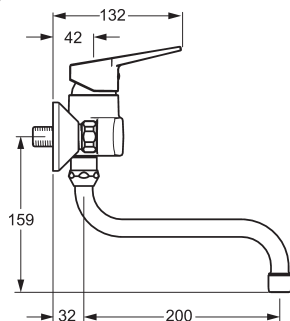
I (ISO 3822)
 EN 817
 50 - 1000 kPa
 0.28 l/s (300 kPa)
 160 kPa (0.2 l/s)
 max. +90°C



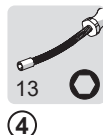
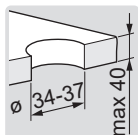
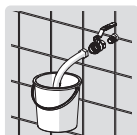
mpi.hansa.com/09670183

0969 2193 , 0969 2195

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

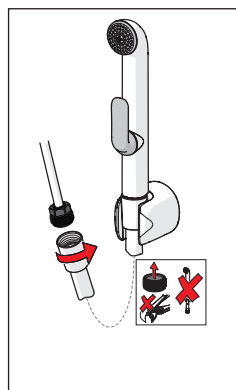
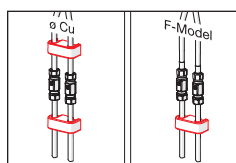
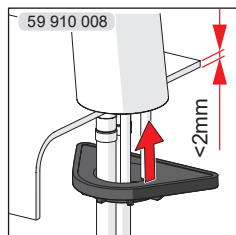
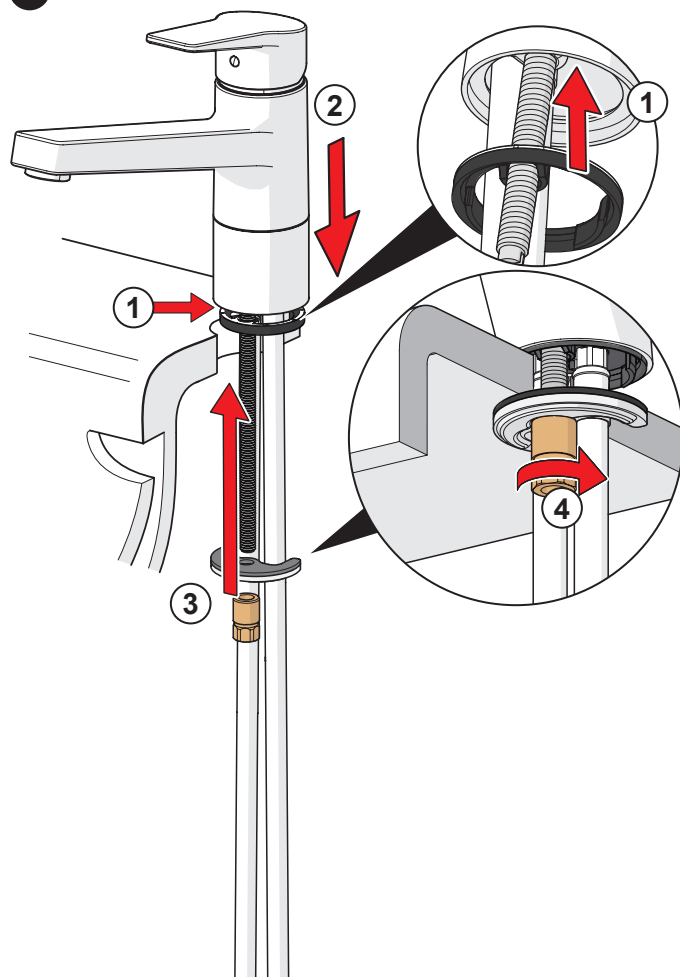


mpi.hansa.com/09692193



max.
1600 kPa

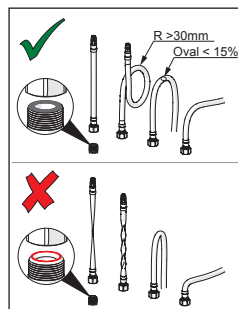
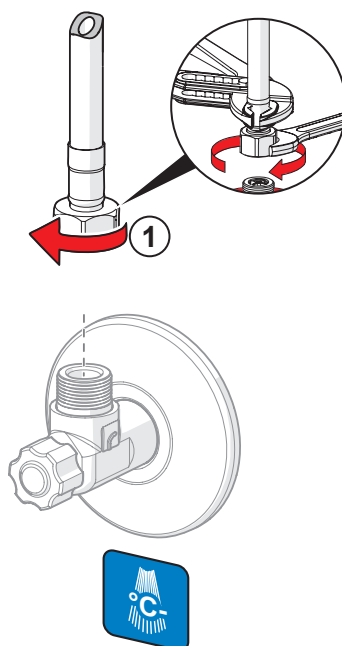
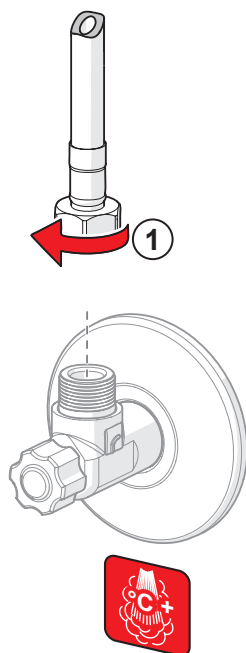
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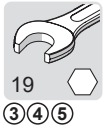




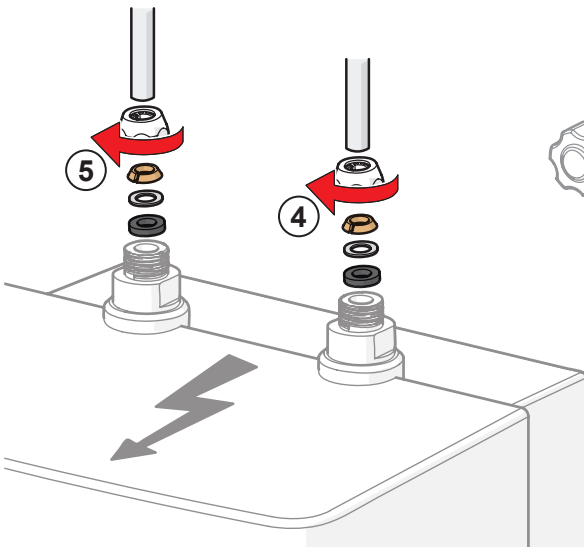
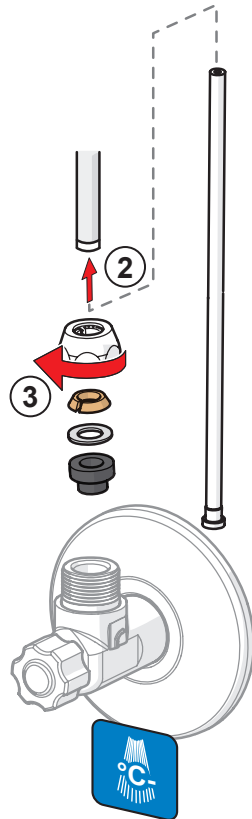
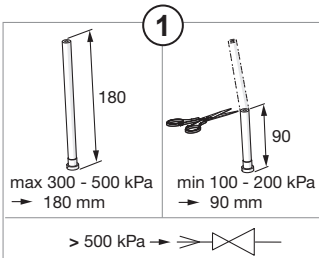
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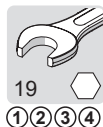
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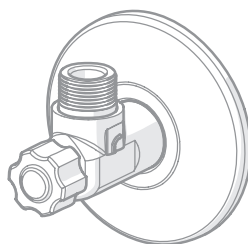
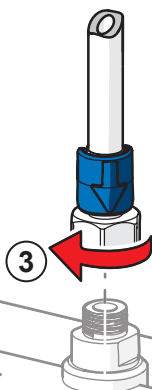
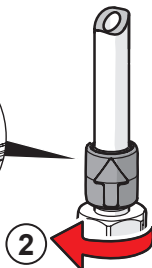
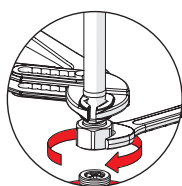
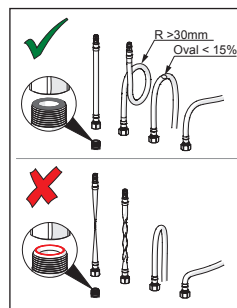


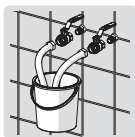
A





B

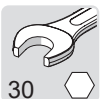




①



②



30



TEST

max.
1600 kPa



150 (± 15 mm)

①

②

②

34-42

max. Ø25

B

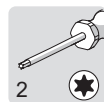
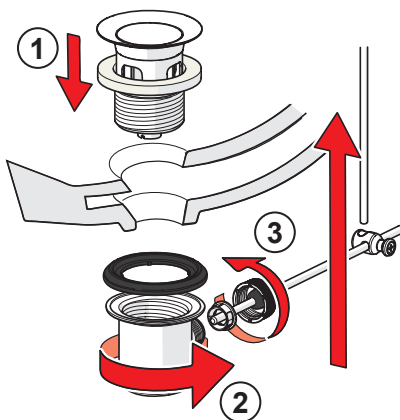
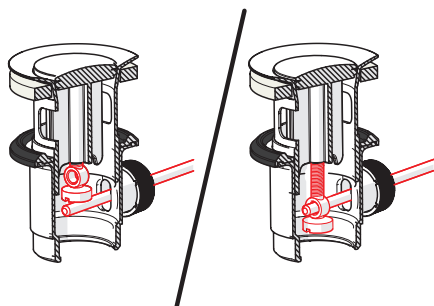
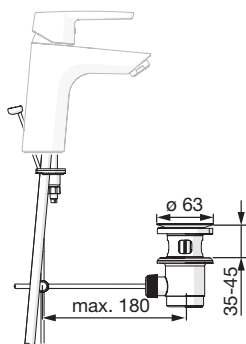
 150 ± 15

G 3/4

150.2

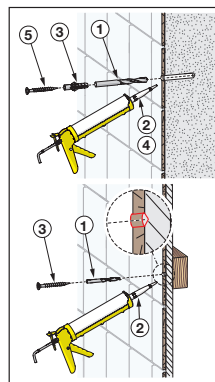
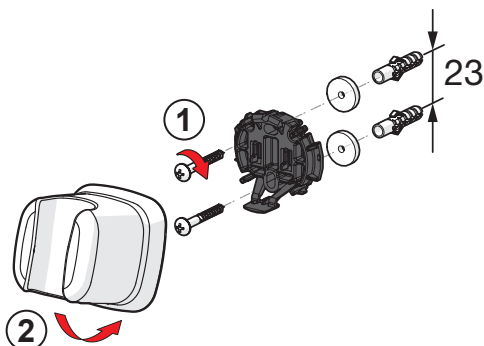


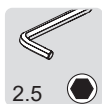
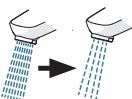
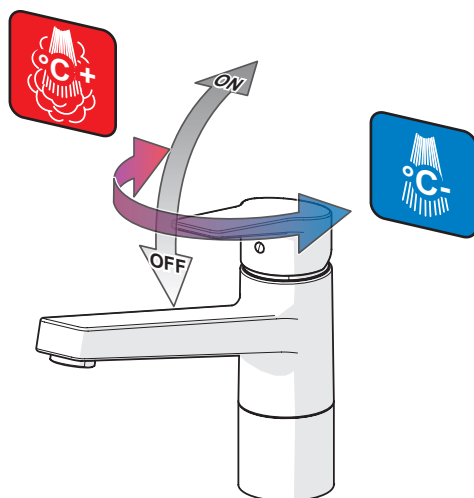
① ② ③



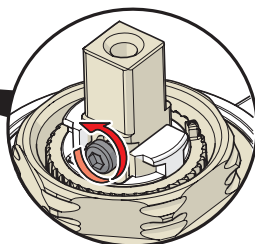
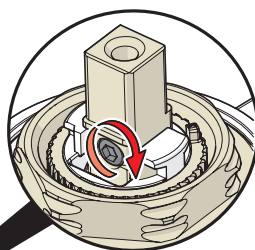
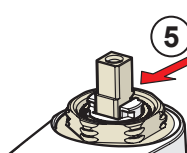
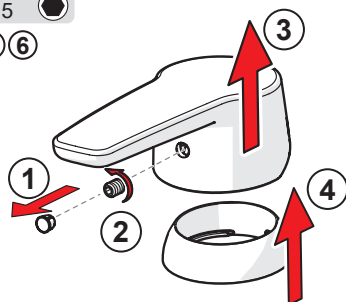
2

①





② ⑥



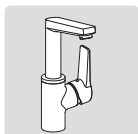


2.5

②



A



A



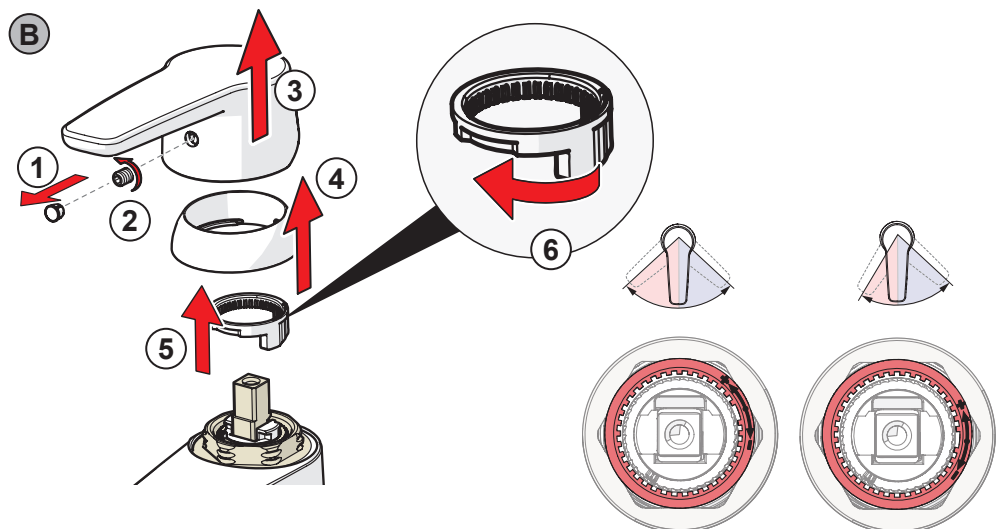
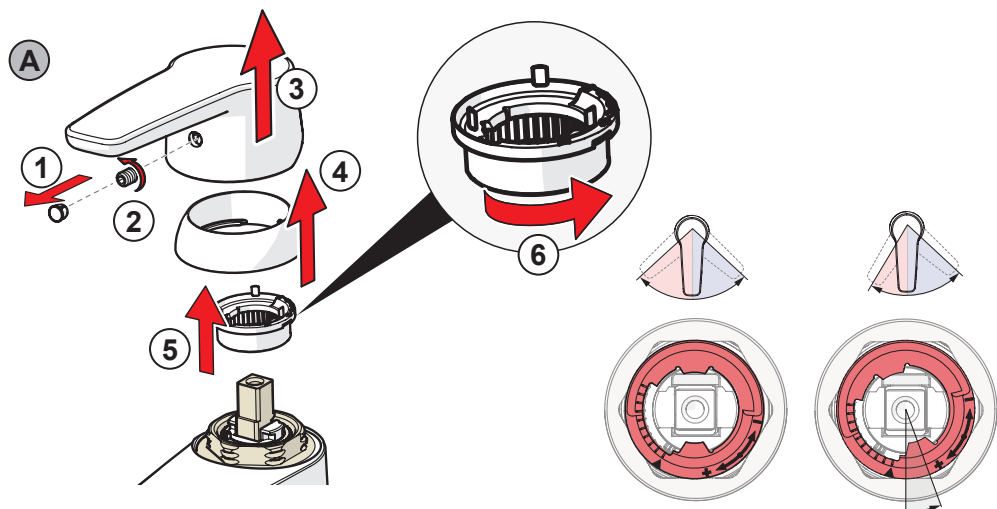
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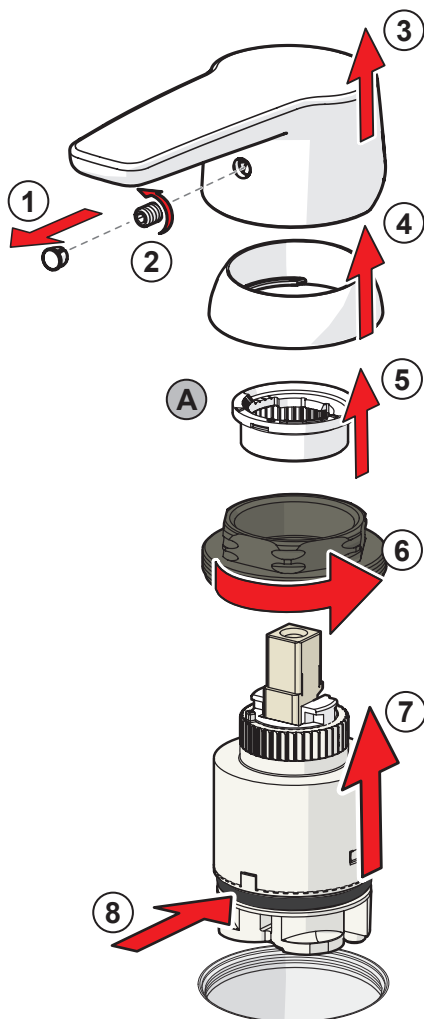
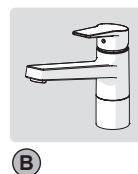
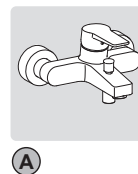
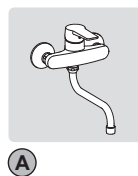
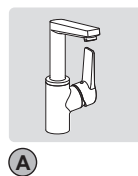
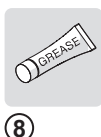
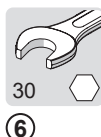
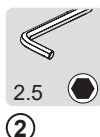


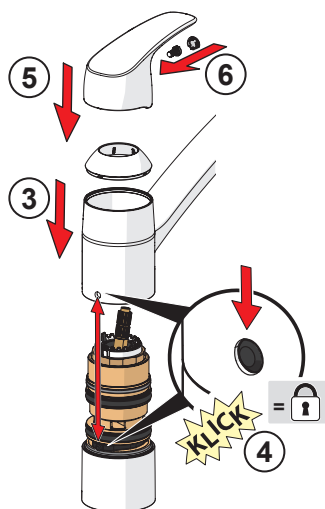
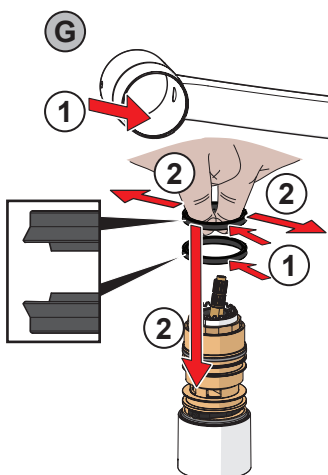
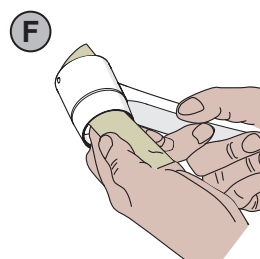
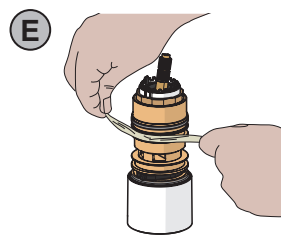
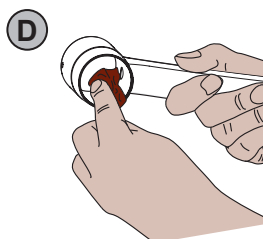
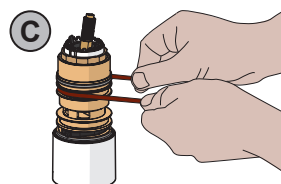
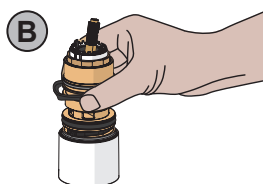
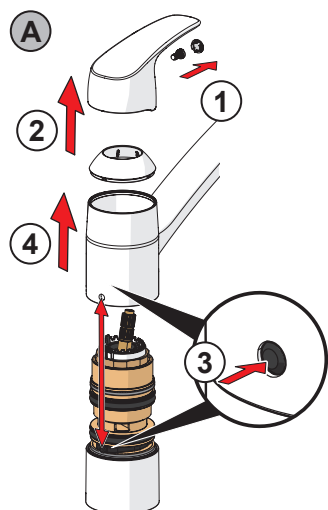
A



B

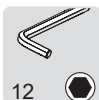








① ②



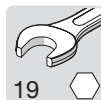
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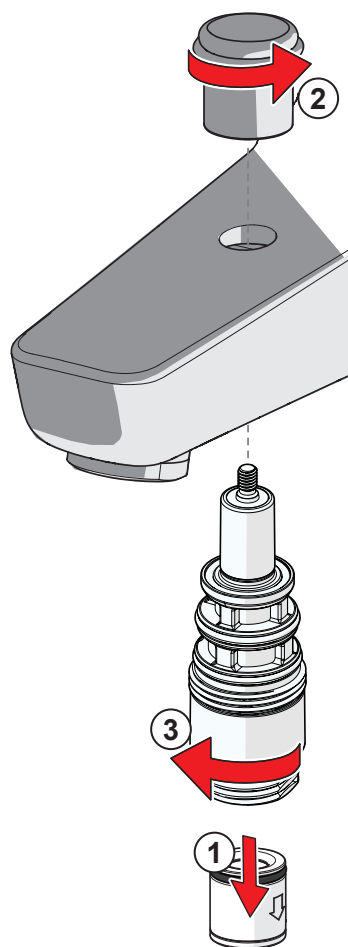
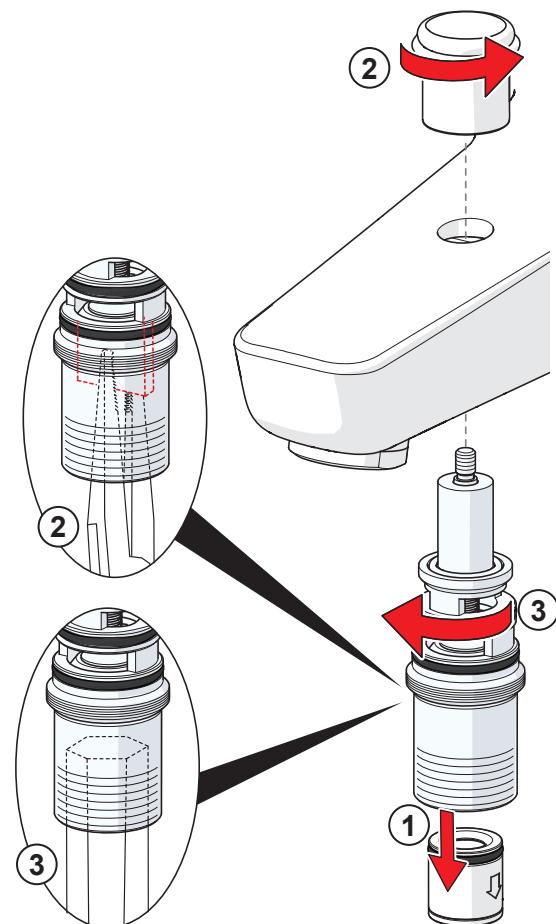
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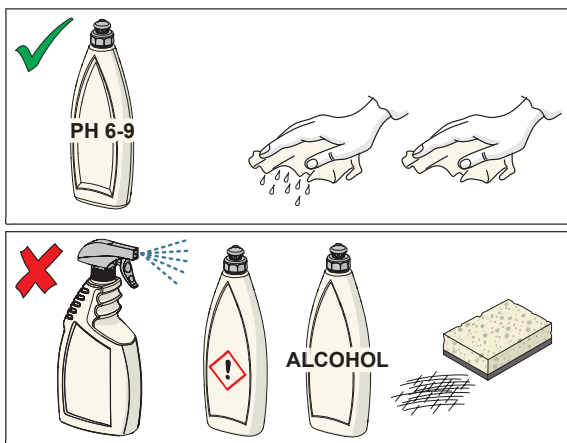
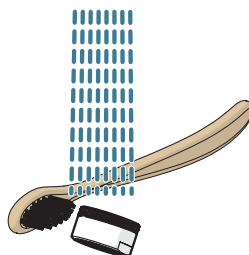
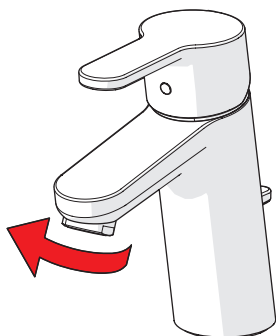


①



③





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About Oras Group

Oras Group is a significant European provider of sanitary fittings: the market leader in the Nordics and a leading company in Continental Europe.

The company's mission is to create the smartest water experiences for everyone and its vision is to become the Perfect Flow Company.

The Group has two strong brands, Oras and Hansa. Oras Group is owned by Oras Invest, a family company, and an industrial owner.

The domicile of Oras Ltd, the parent company of the Group, is located in Rauma, Finland, and the Group has two manufacturing sites: Olesno (Poland) and Rauma (Finland).

The Group operates with its own staff in 17 markets. Oras Group's net sales were 233.5 million euros in 2021 and at the end of the period the company employed 1255 people.

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