



# Oras Swea

INSTALLATION AND MAINTENANCE GUIDE







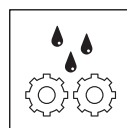
4-6



7-8



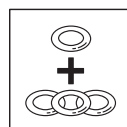
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10-14



15

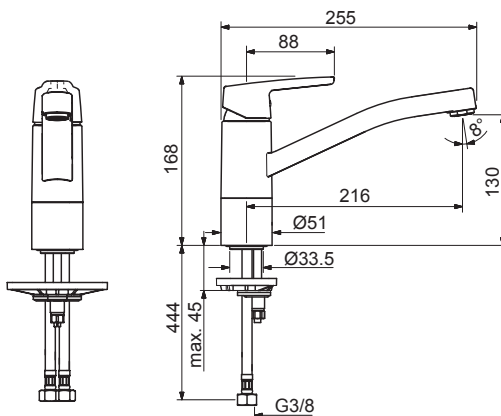


16-18



### 1530F

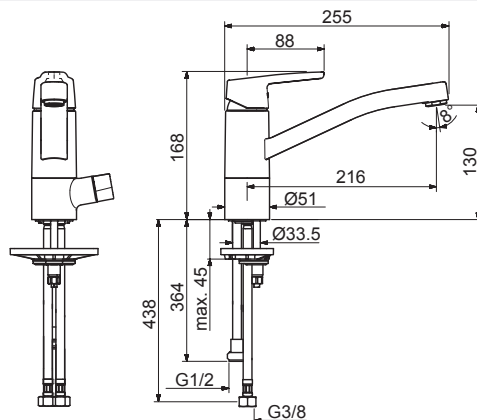
I (ISO 3822) Oras lab,  
 EN 817  
 50 - 1000 kPa  
 0.078 l/s (Eco)  
 0.13 l/s (300 kPa)  
 180 kPa (0.1 l/s)  
 max. +80°C



1445 KIWA Sverige 1913

### 1535F

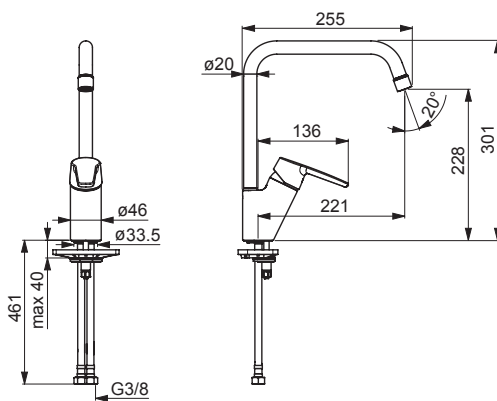
I (ISO 3822) Oras lab,  
 EN 817  
 50 - 1000 kPa  
 0.078 l/s (Eco)  
 0.13 l/s (300 kPa)  
 180 kPa (0.1 l/s)  
 max. +80°C



1445 KIWA Sverige 1913

### 1533F

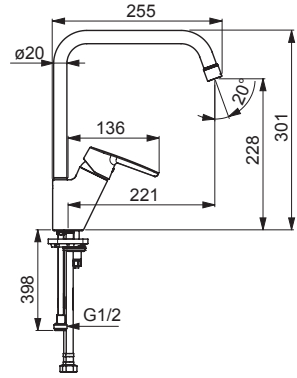
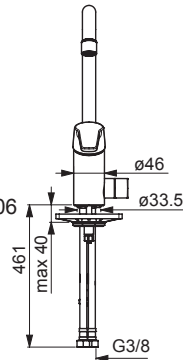
I (ISO 3822) Oras lab,  
 EN 817  
 50 - 1000 kPa  
 0.078 l/s (Eco)  
 0.13 l/s (300 kPa)  
 180 kPa (0.1 l/s)  
 max. +80°C



1445 KIWA Sverige 1913

## 1534F, 1534F-106

I (ISO 3822) Oras lab,  
 EN 817  
 50 - 1000 kPa  
 0.078 l/s (Eco)  
 0.07 l/s (Eco) 1534F-106  
 0.13 l/s (300 kPa)  
 0.09 l/s (300 kPa w/Controller) 1534F-106  
 180 kPa (0.1 l/s)  
 max. +80°C

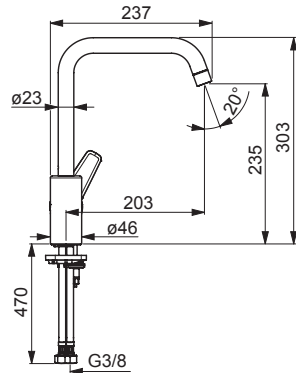
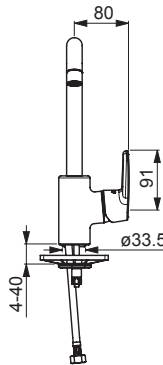


1445 KIWA Sverige 1913



## 1531F

I (ISO 3822) Oras lab,  
 EN 817  
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 0.13 l/s (300 kPa)  
 180 kPa (0.1 l/s)  
 max. +80°C

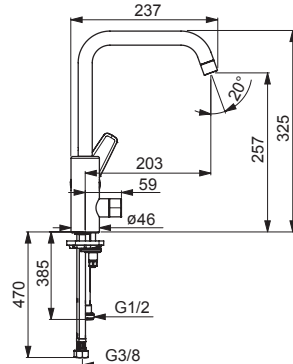
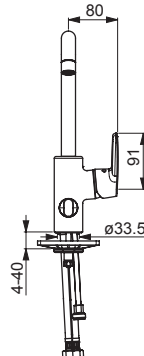


1445 KIWA Sverige 1913



## 1536F

I (ISO 3822) Oras lab,  
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 0.13 l/s (300 kPa)  
 180 kPa (0.1 l/s)  
 max. +80°C



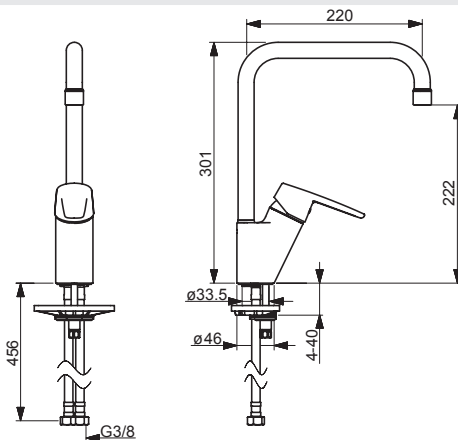
1445 KIWA Sverige 1913



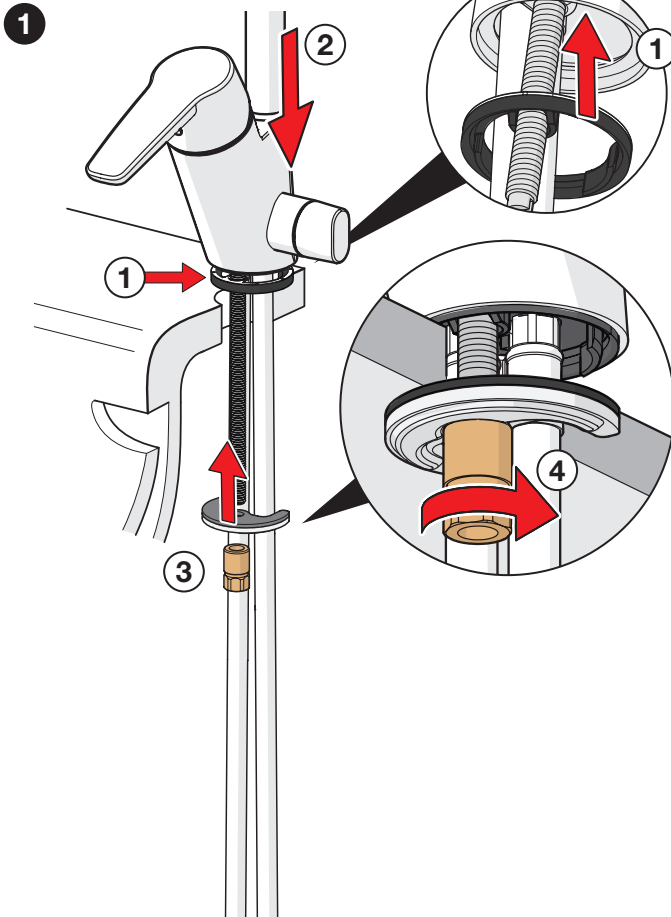
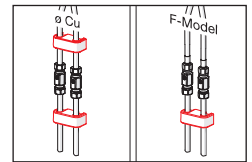
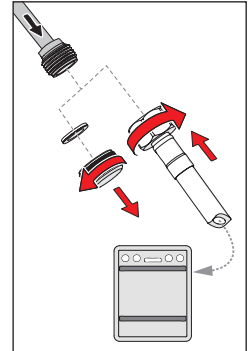
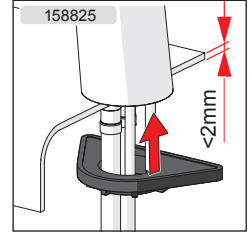
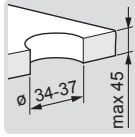
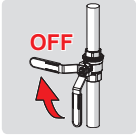


## 1523F

I (ISO 3822) Oras lab,  
EN 817  
50 - 1000 kPa  
0.078 l/s (Eco)  
0.13 l/s (300 kPa)  
180 kPa (0.1 l/s)  
max. +80°C



 1445 KIWA Sverige 1913 

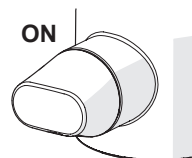
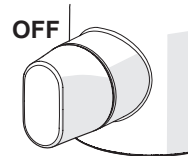
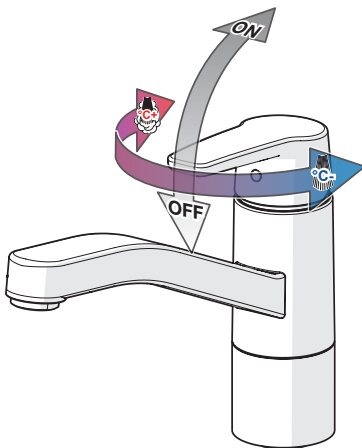
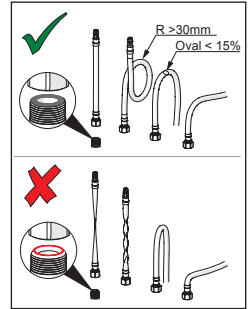
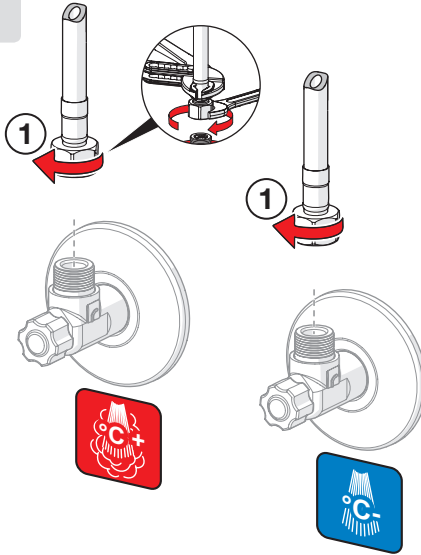




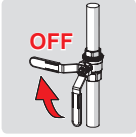
①



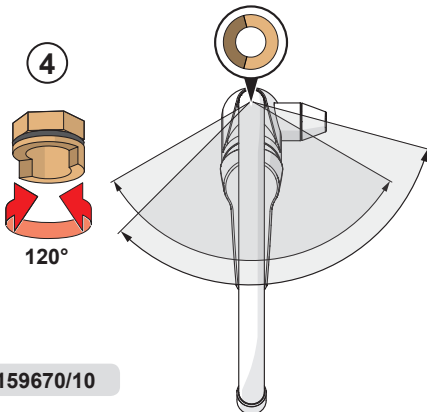
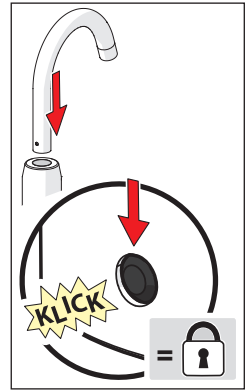
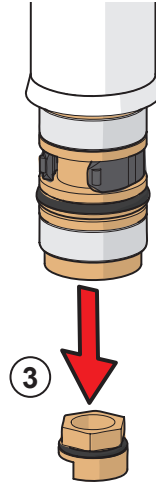
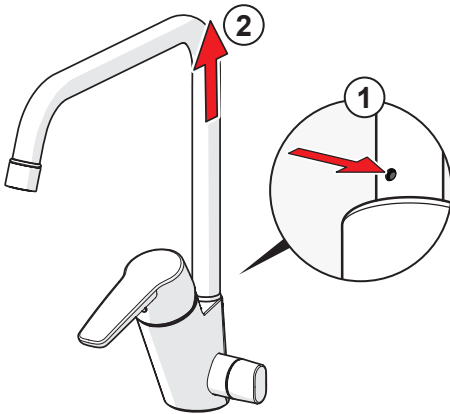
max.  
1600 kPa



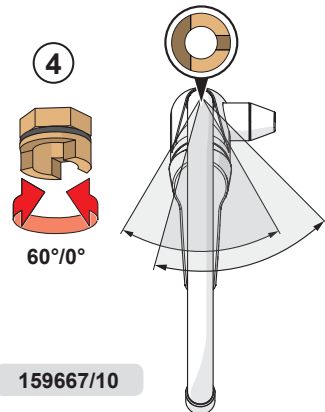




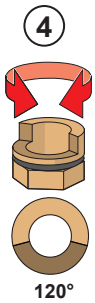
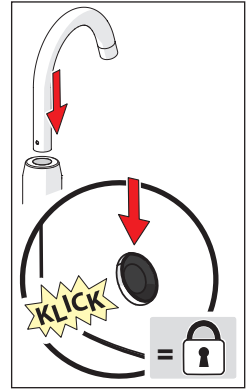
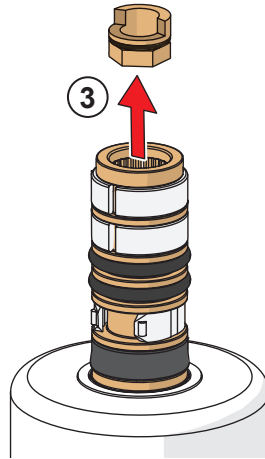
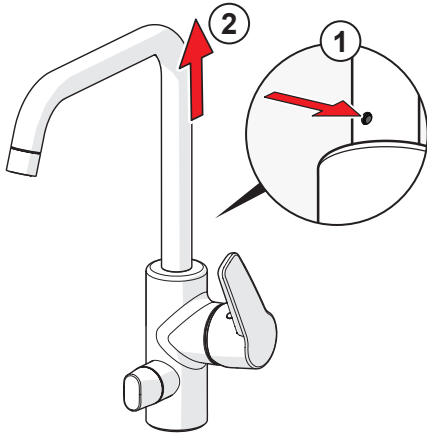
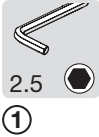
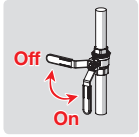
3



159670/10

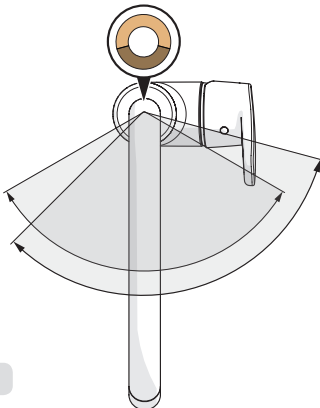


159667/10



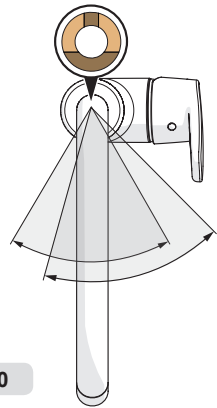
120°

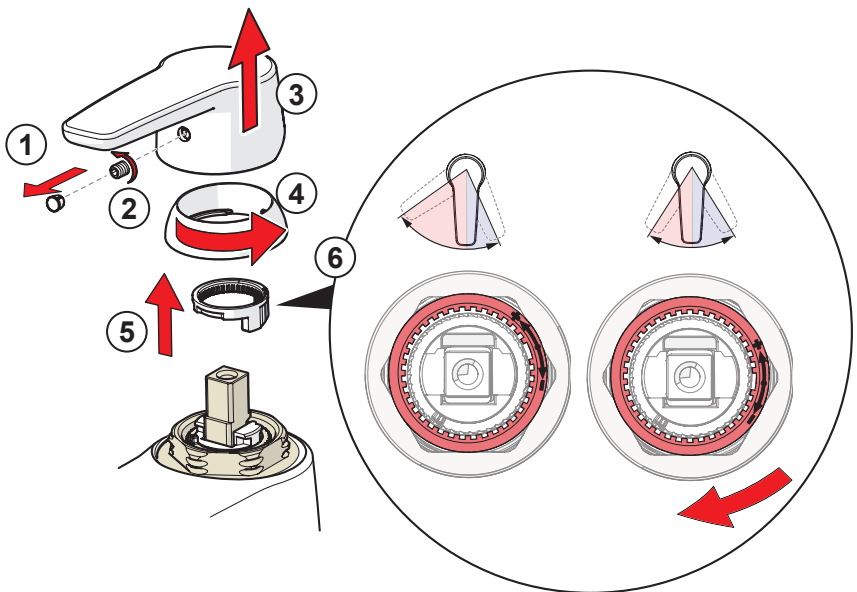
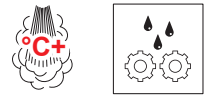
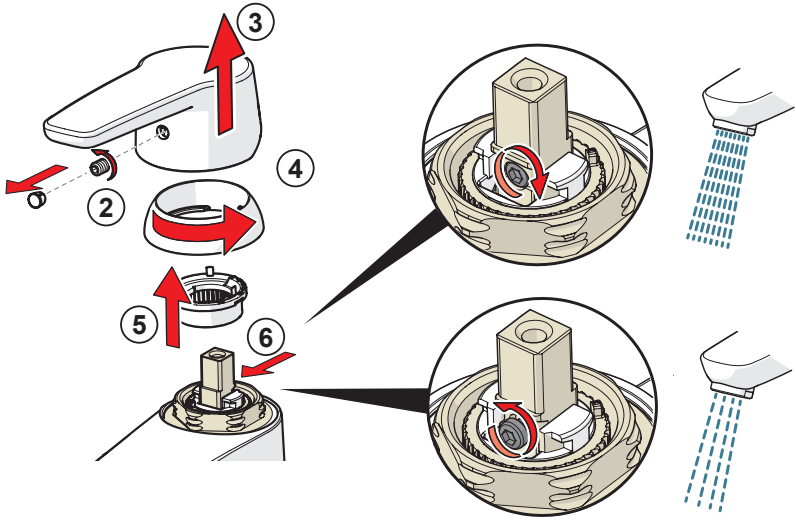
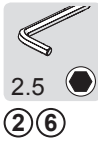
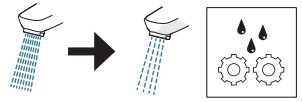
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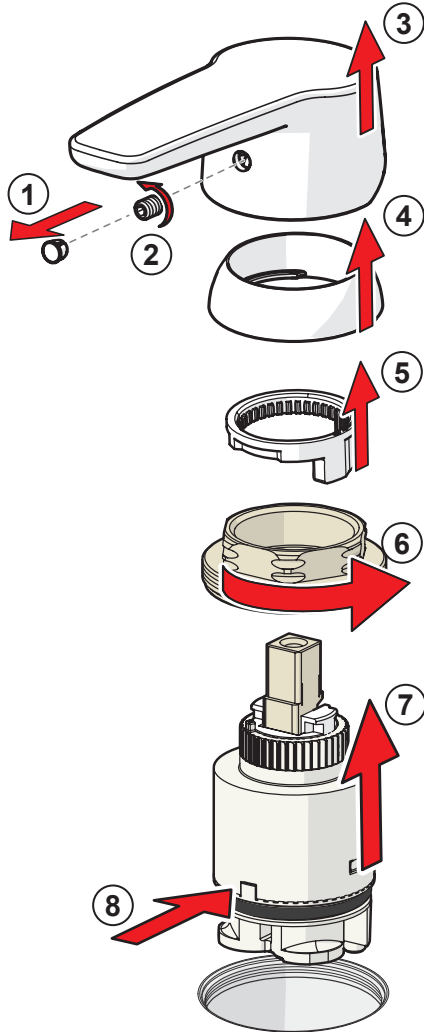
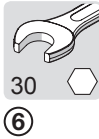
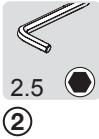
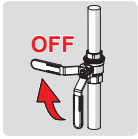


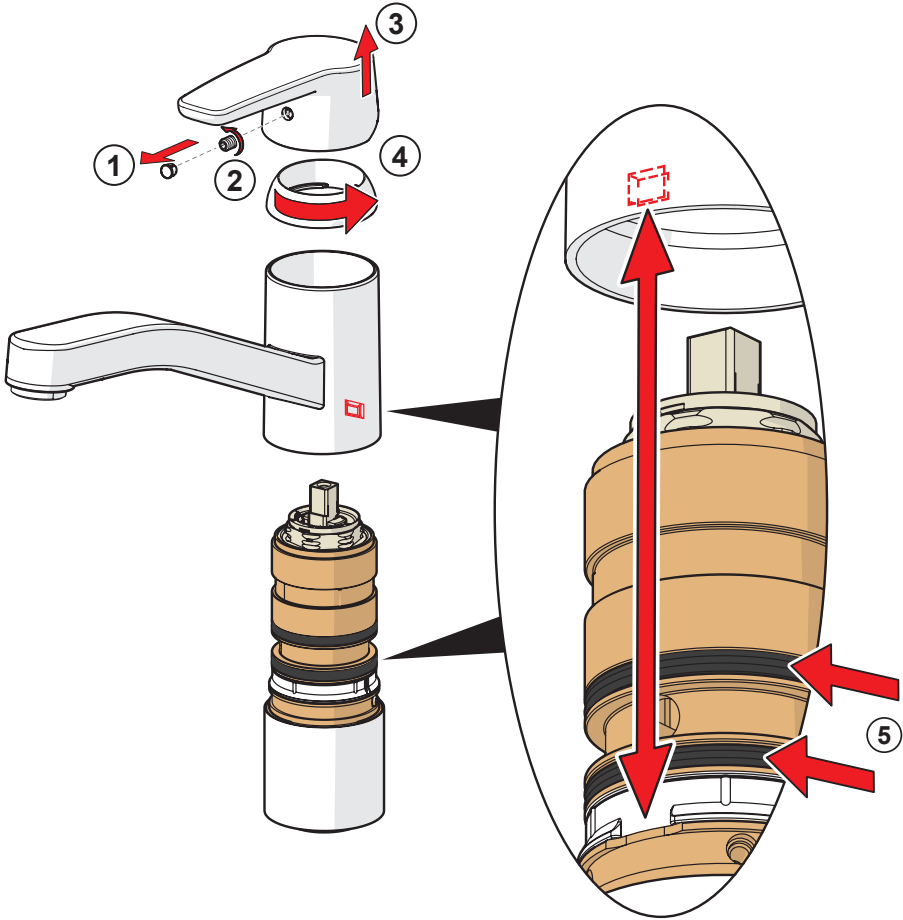
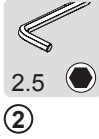
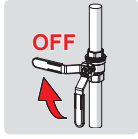
60°/0°

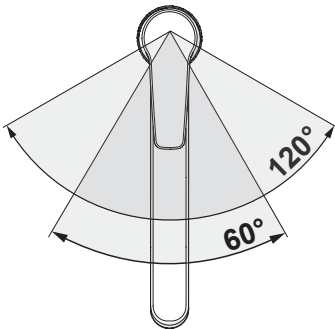
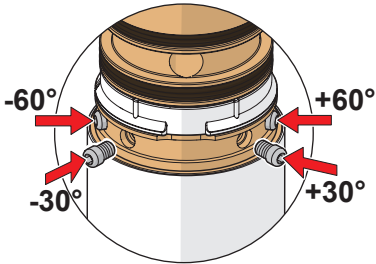
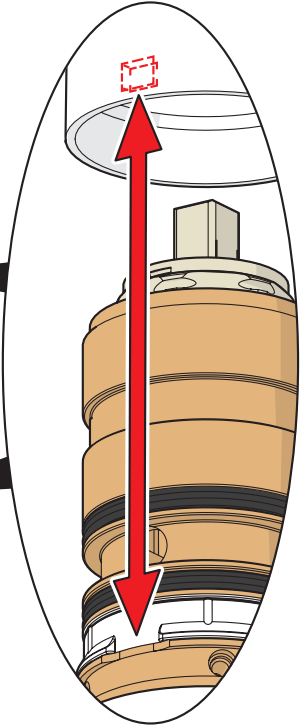
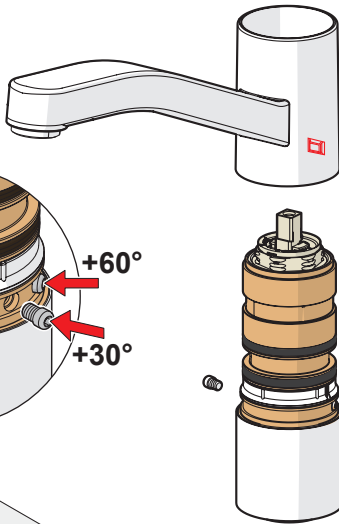
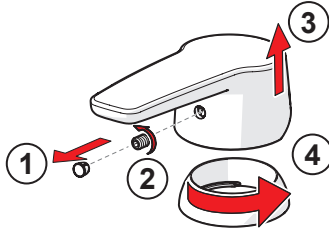
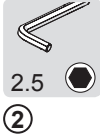
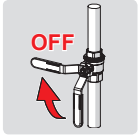
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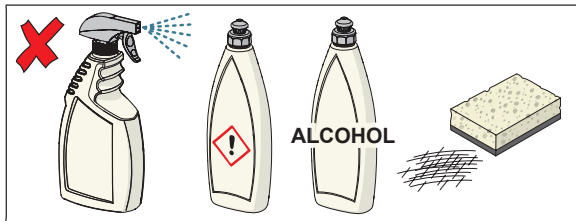
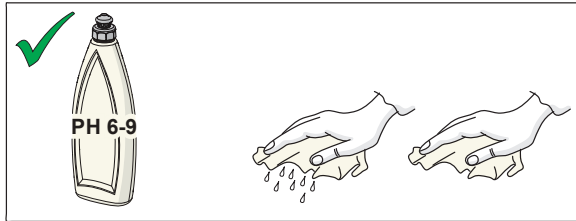
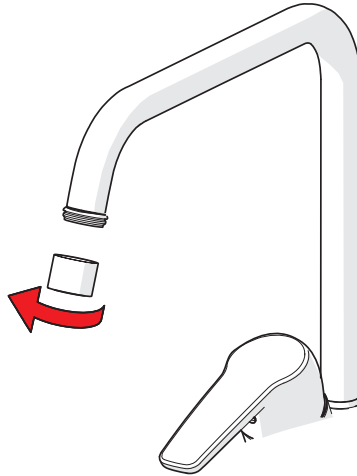










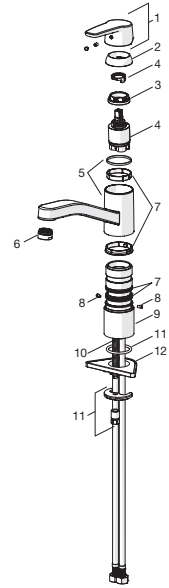


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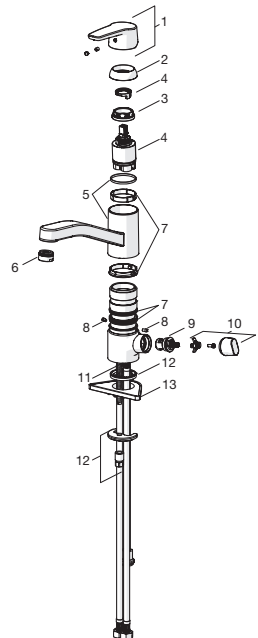
### 1530F

- 1 1003170V
- 2 601967V
- 3 601979V
- 4 602672V
- 5 1000832V
- 6 602673V
- 7 601983V
- 8 1000980/2
- 9 601982V
- 10 601970V
- 11 601985V
- 12 158825



### 1535F

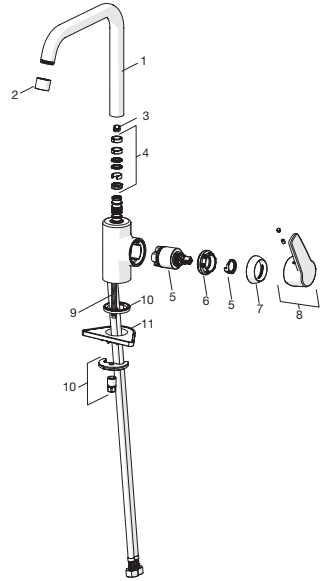
- 1 1003170V
- 2 601967V
- 3 601979V
- 4 602672V
- 5 1000832V
- 6 602673V
- 7 601983V
- 8 1000980/2
- 9 602600V
- 10 602587V
- 11 601970V
- 12 601985V
- 13 158825





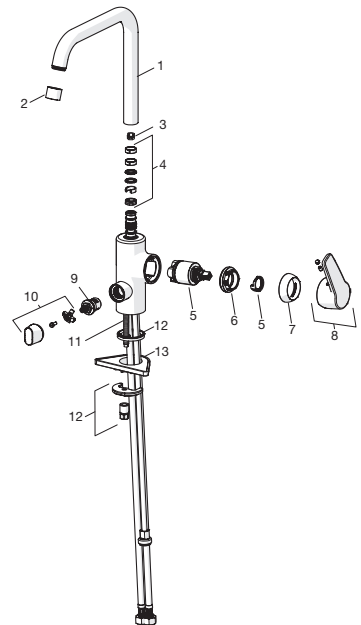
### 1531F

- 1 1001049V
- 2 1003162V
- 3 159670/10 (120°)
- 3 159667/10 (0°/60°)
- 4 1001098V
- 5 602672V
- 6 601968V
- 7 601967V
- 8 1003171V
- 9 601970V
- 10 601985V
- 11 158825



### 1536F

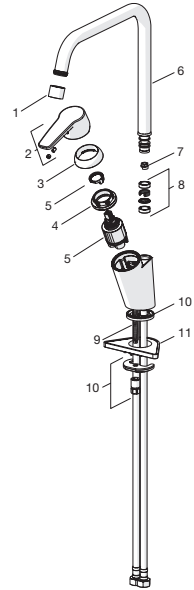
- 1 1001049V
- 2 1003162V
- 3 159667/10 (0°/60°)
- 3 159670/10 (120°)
- 4 1001098V
- 5 602672V
- 6 601968V
- 7 601967V
- 8 1003171V
- 9 602600V
- 10 602587V
- 11 601970V
- 12 601985V
- 13 158825





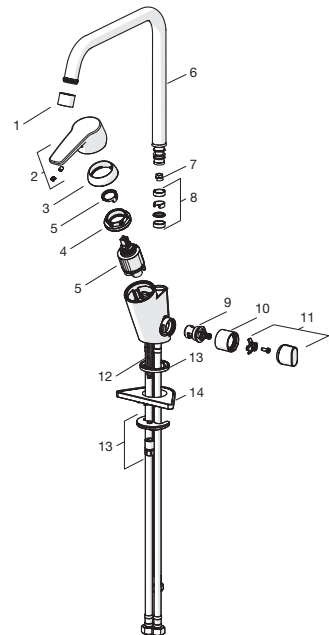
### 1533F

- 1 1003162V
- 2 1003170V
- 3 601967V
- 4 601968V
- 5 602672V
- 6 1000228V      L=255
- 6 1003671V      L=220
- 7 159670/10      (120°)
- 7 159667/10      (60°/0°)
- 8 198287V
- 9 601970V
- 10 601985V
- 11 158825



### 1534F, 1534F-106

- 1 1003162V
- 1 1001071V      (1534F-106)
- 2 1003170V
- 3 601967V
- 4 601968V
- 5 602672V
- 6 1000228V
- 7 159670/10      (120°)
- 7 159667/10      (60°/0°)
- 8 198287V
- 9 602600V
- 10 1000240V
- 11 602587V
- 12 601970V
- 13 601985V
- 14 158825





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 head office of the Group is located in Rauma, Finland, and the Group has four manufacturing sites: Burglengenfeld (Germany), Kralovice (Czech Republic), Olesno (Poland) and Rauma (Finland). Oras Group employs approximately 1400 people in twenty countries. Oras Group is owned by Oras Invest, a family company and an industrial owner.

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