

HANSA DESIGNO STYLE

INSTALLATION AND MAINTENANCE GUIDE





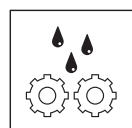
4-7



8-17



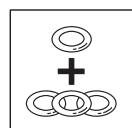
18



19-27



28

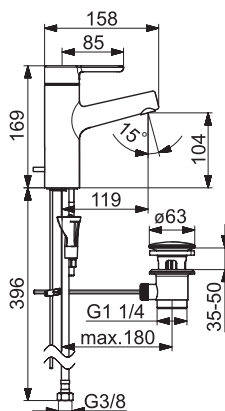
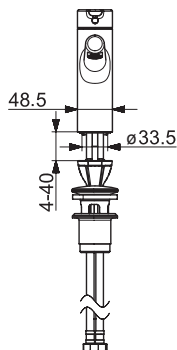


29-33



5171 2283

I (ISO 3822)
EN 817
50 - 1000 kPa
0.1 l/s (300 kPa w/Controller)
100 kPa (0.1 l/s)
max. +80°C

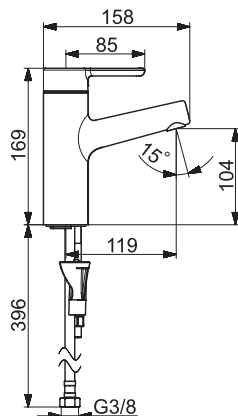
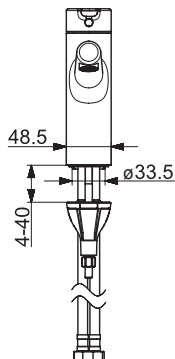


static.hansa.com/51712283

U P-IX (Prüfzeichen beantragt)

5172 2283

I (ISO 3822)
EN 817
50 - 1000 kPa
0.1 l/s (300 kPa w/Controller)
100 kPa (0.1 l/s)
max. +80°C

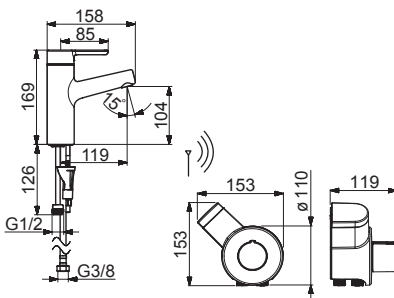
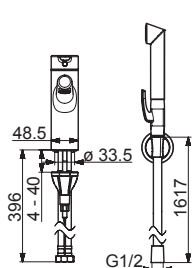


static.hansa.com/51722283

U P-IX (Prüfzeichen beantragt)

5168 2281

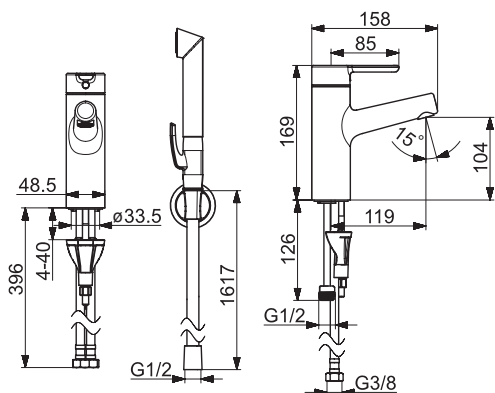
I (ISO 3822)
EN 15091, EN 817
100 - 1000 kPa
0.1 l/s (300 kPa w/Controller)
100 kPa (0.1 l/s)
max. +70°C



IP 55
AA 1.5 V Lithium x 2, CR 2450 3 V

5170 2201

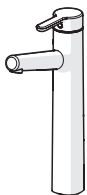
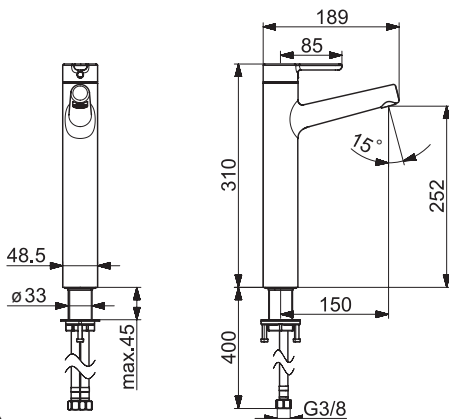
I (ISO 3822)
EN 817
50 - 1000 kPa
0.1 l/s (300 kPa w/Controller)
100 kPa (0.1 l/s)
max. +80°C



static.hansa.com/51702201

5169 2283

I (ISO 3822)
EN 817
50 - 1000 kPa
0.1 l/s (300 kPa w/Controller)
100 kPa (0.1 l/s)
max. +80°C

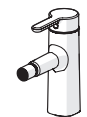
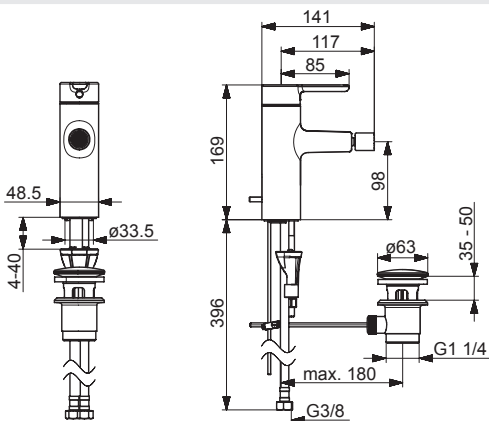


static.hansa.com/51692283

U P-IX (Prüfzeichen beantragt)

5173 3283

I (ISO 3822)
EN 817
50 - 1000 kPa
0.1 l/s (300 kPa w/Controller)
100 kPa (0.1 l/s)
max. +80°C



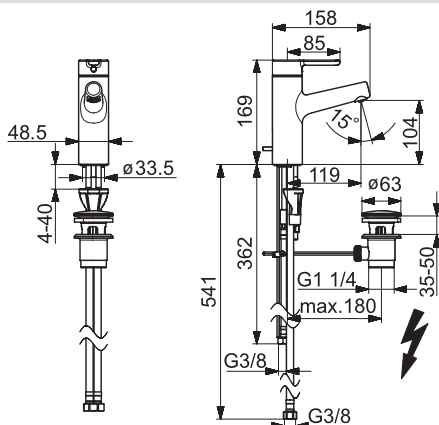
static.hansa.com/51733283

U P-IX (Prüfzeichen beantragt)



5191 1183

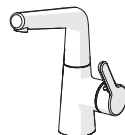
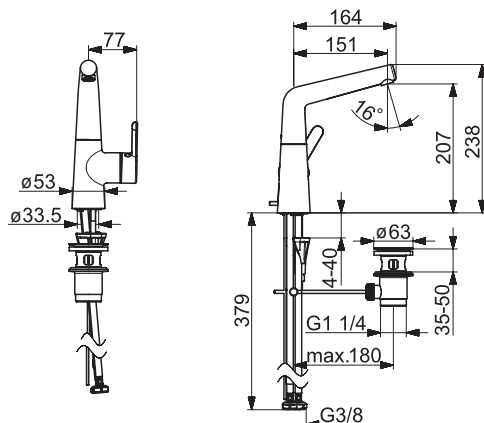
I (ISO 3822)
EN 817
50 - 500 kPa
0.1 l/s (300 kPa w/Controller)
max. +80°C



static.hansa.com/51911183

5103 2283

I (ISO 3822)
EN 817
50 - 1000 kPa
0.10 l/s (300 kPa w/Controller)
100 kPa (0.1 l/s)
max. +80°C

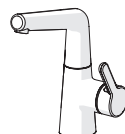
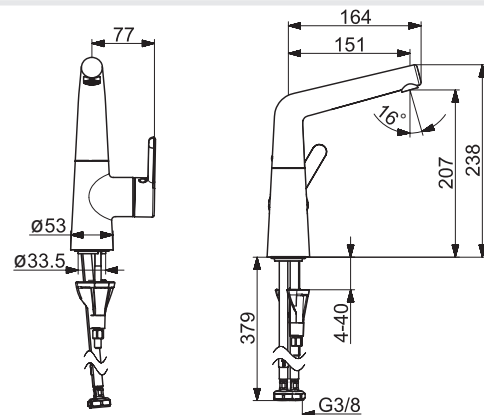


static.hansa.com/51032283

U P-IX (Prüfzeichen beantragt)

5149 2283

I (ISO 3822)
EN 817
50 - 1000 kPa
0.1 l/s (300 kPa w/Controller)
100 kPa (0.1 l/s)
max. +80°C



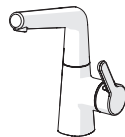
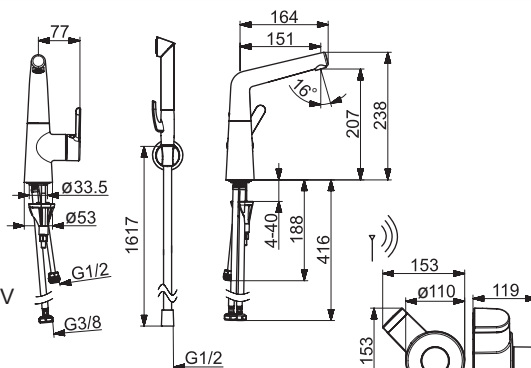
static.hansa.com/51492283

U P-IX (Prüfzeichen beantragt)

5107 2281

I (ISO 3822)
EN 15091, EN 817
100 - 1000 kPa
0.1 l/s (300 kPa w/Controller)
100 kPa (0.1 l/s)
max. +70°C

IP 55
AA 1.5 V Lithium x 2, CR 2450 3 V

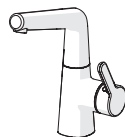
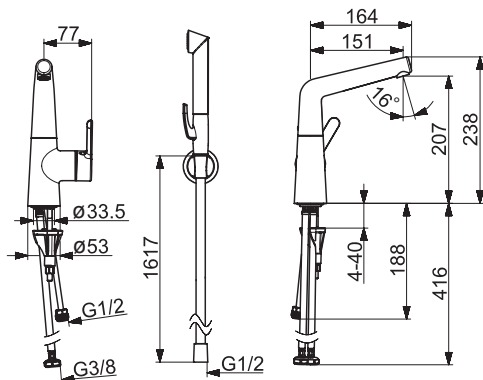


CE (EMC 2014/30/EU)

static.hansa.com/51072281

5134 2201

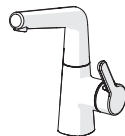
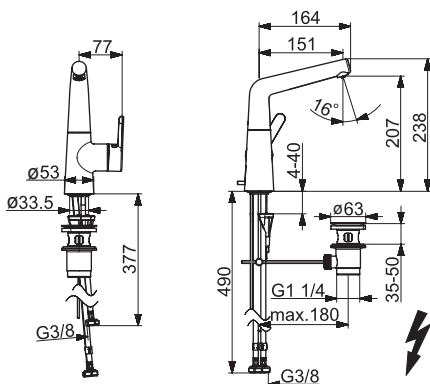
I (ISO 3822)
EN 817
50 - 1000 kPa
0.1 l/s (300 kPa w/Controller)
100 kPa (0.1 l/s)
max. +80°C



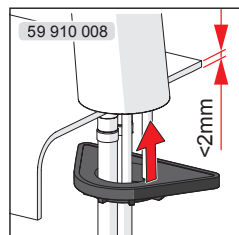
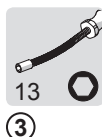
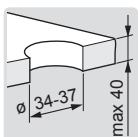
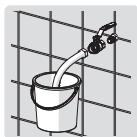
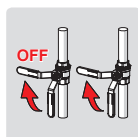
static.hansa.com/51342201

5121 1183

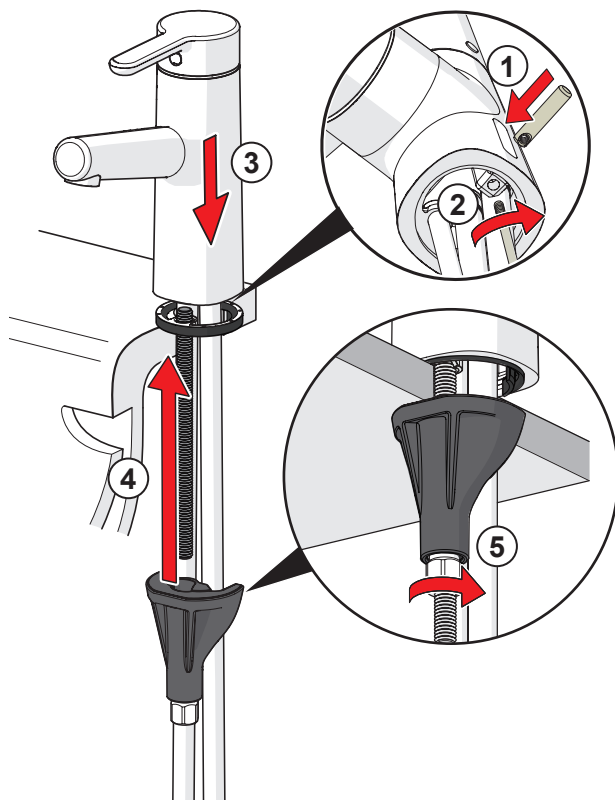
I (ISO 3822)
EN 817
50 - 500 kPa
0.10 l/s (300 kPa w/Controller)
max. +80°C

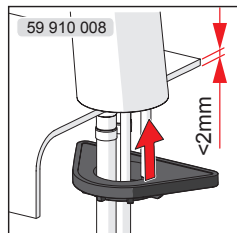
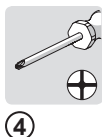
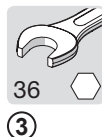
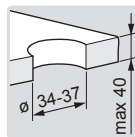
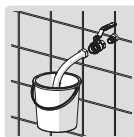
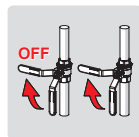


static.hansa.com/51211183

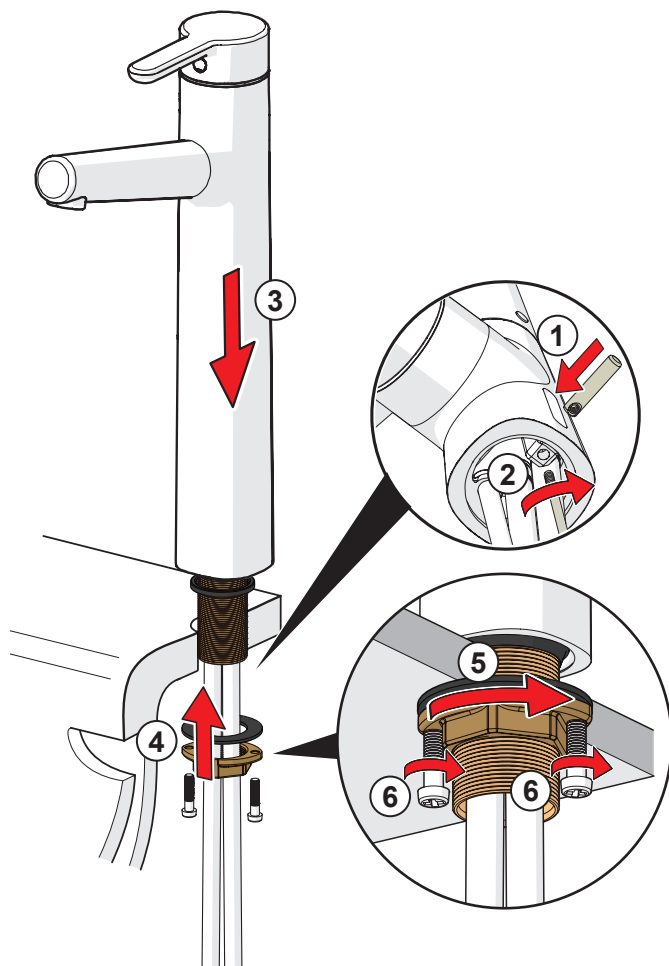


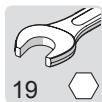
1





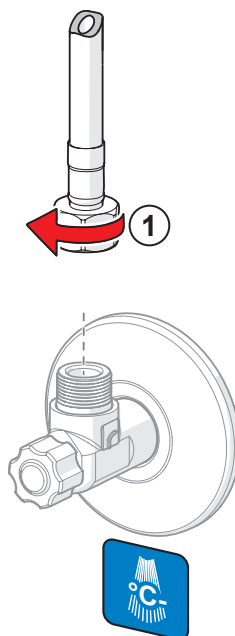
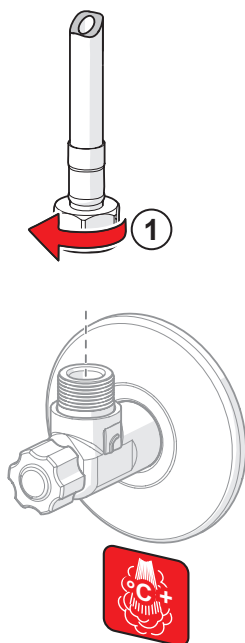
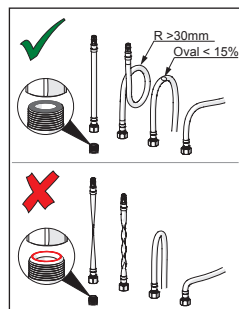
1

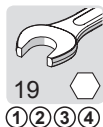




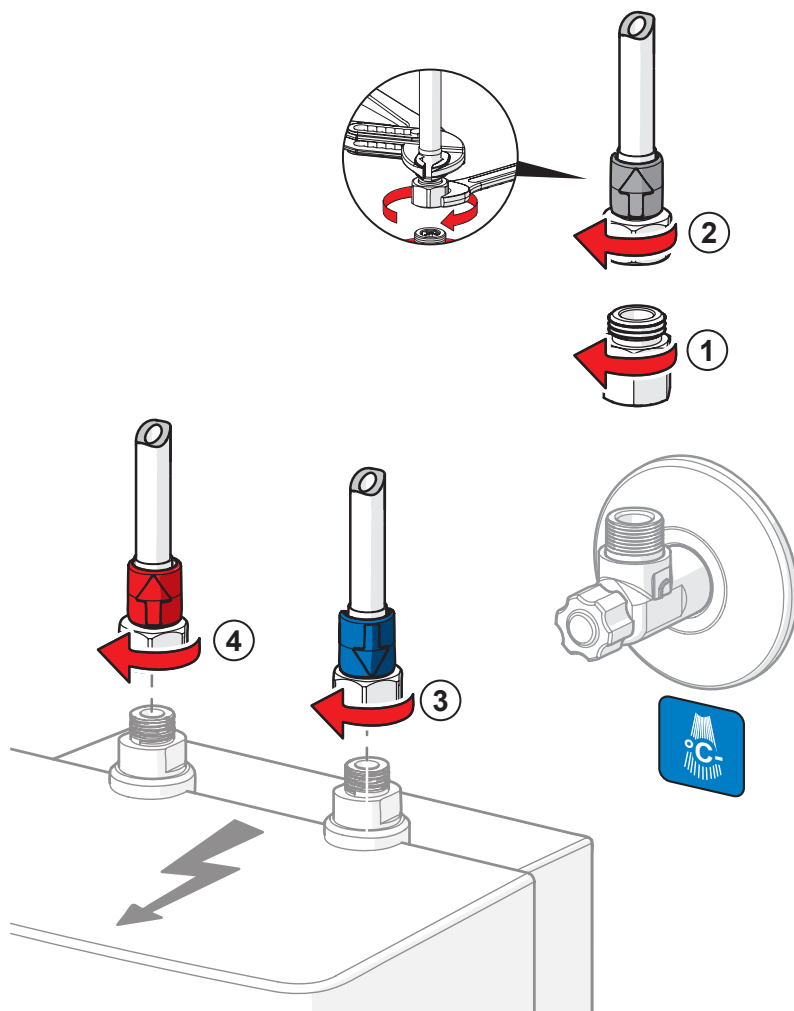
①

2





2

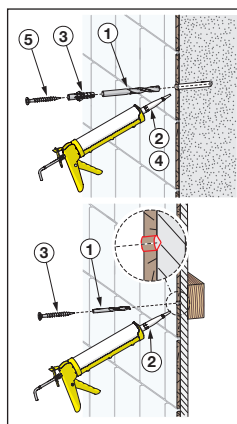
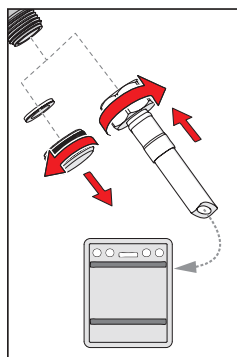
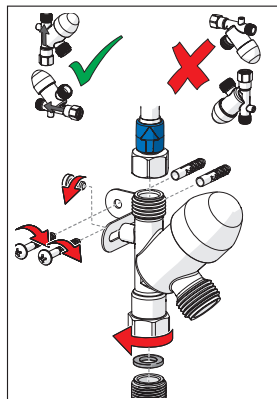
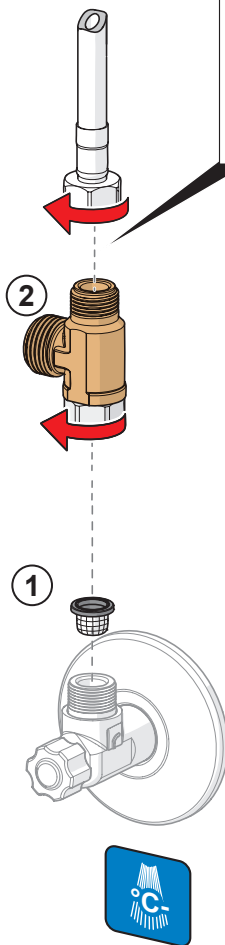
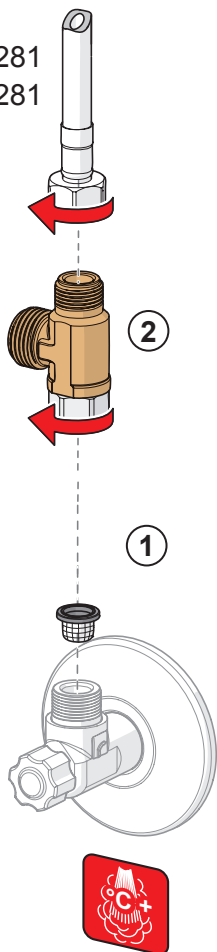




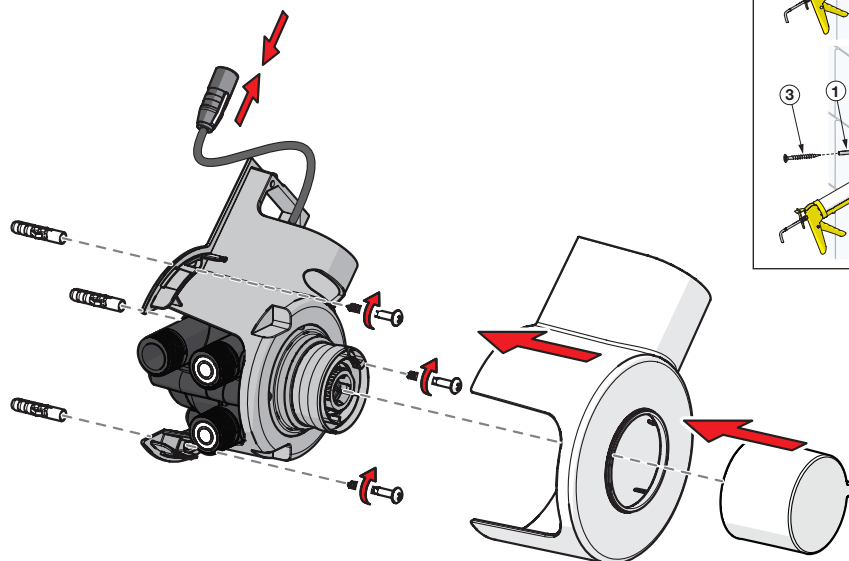
19

①...②

2 5168 2281
5107 2281



3 5168 2281
5107 2281





17

①



24

②



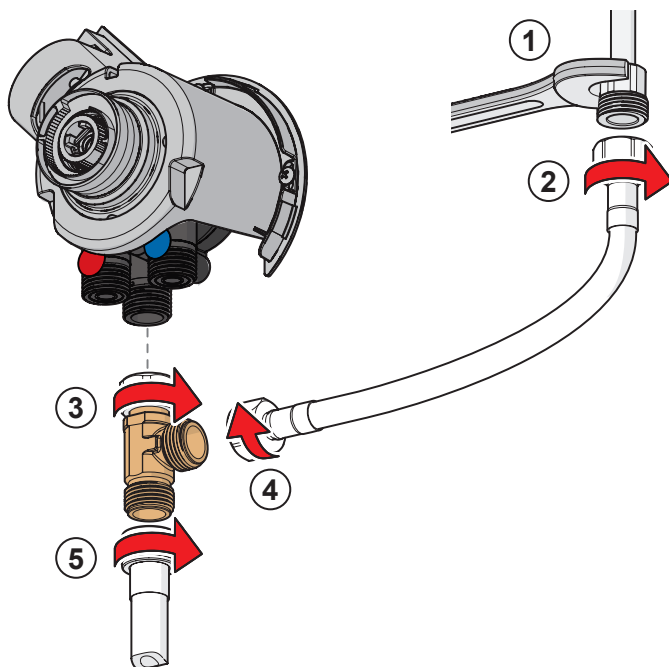
24

③ ④



③ ⑤

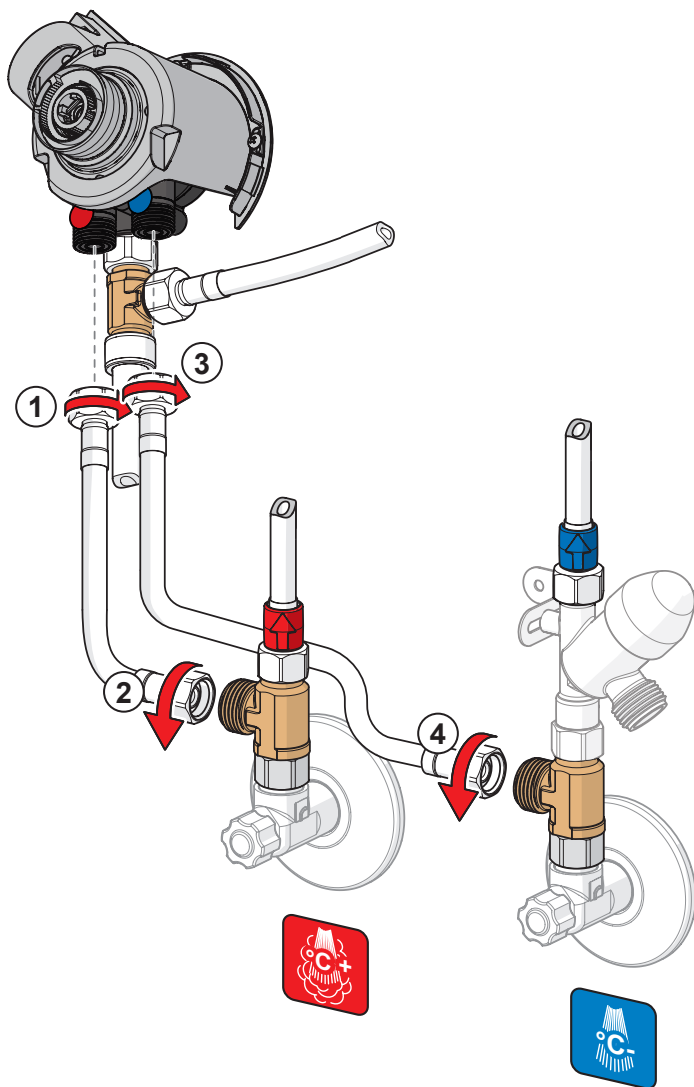
4 5168 2281
5107 2281





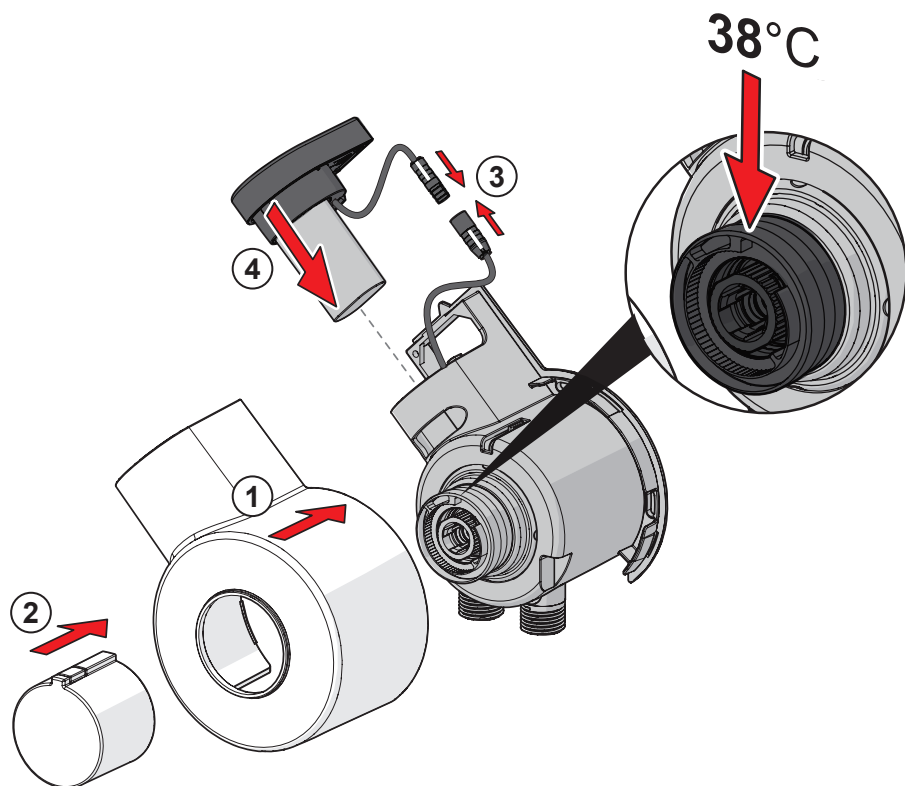
① ... ④ ① ③

5 5168 2281
5107 2281



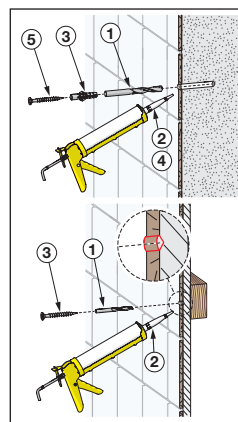
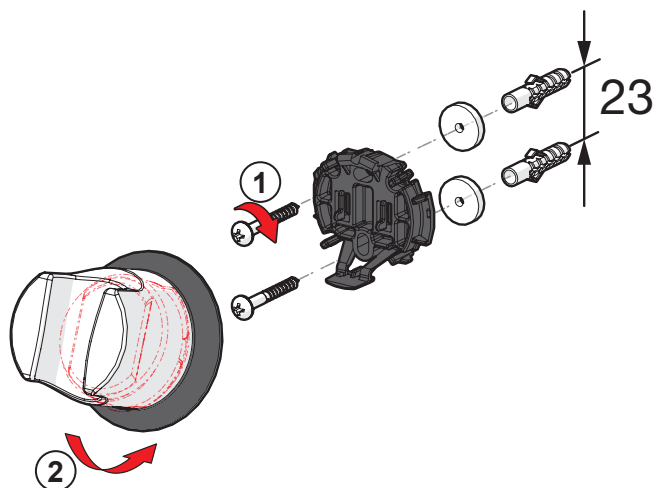
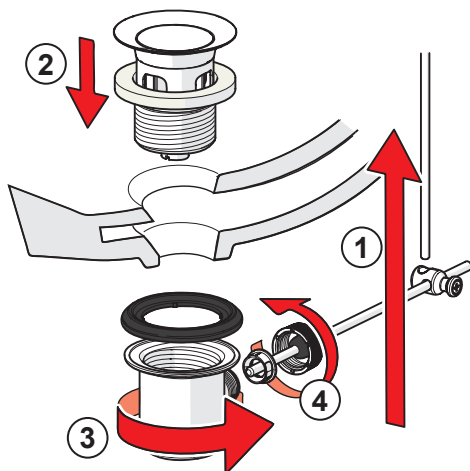
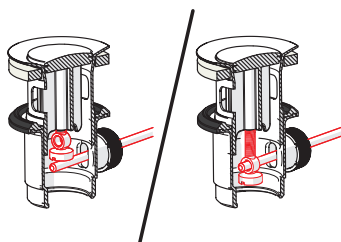
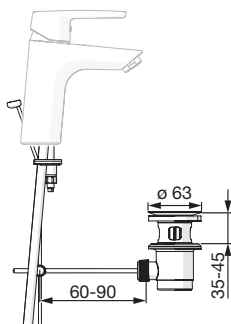


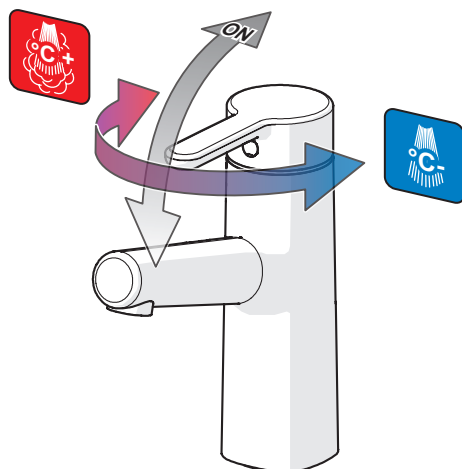
6 5168 2281
5107 2281



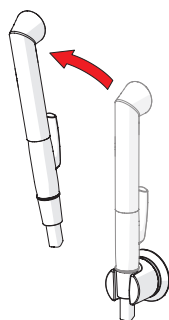


① ② ③

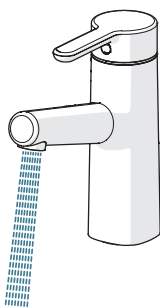




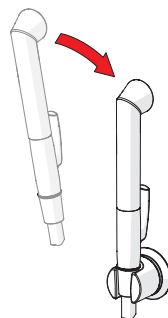
5168 2281, 5107 2281



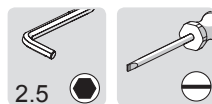
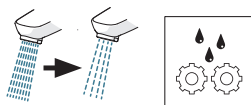
ON



max. 2 min

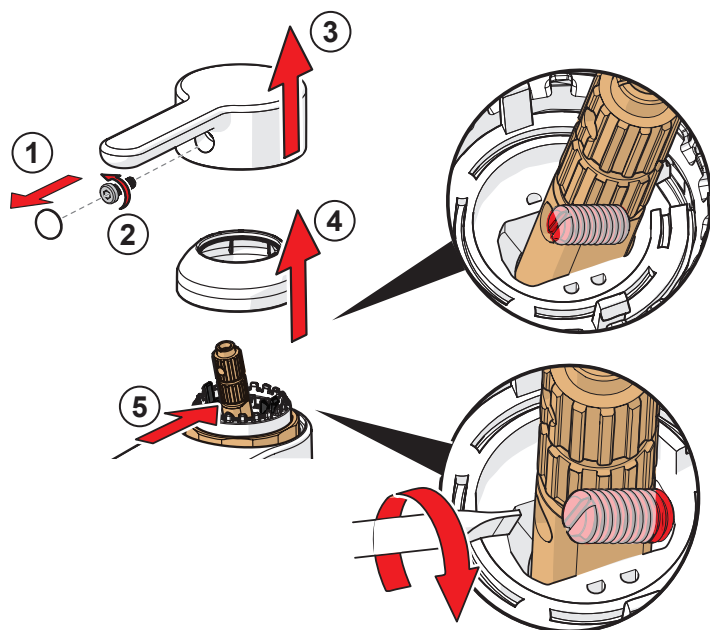


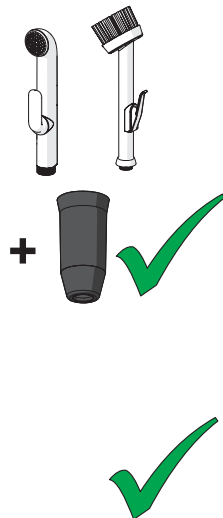
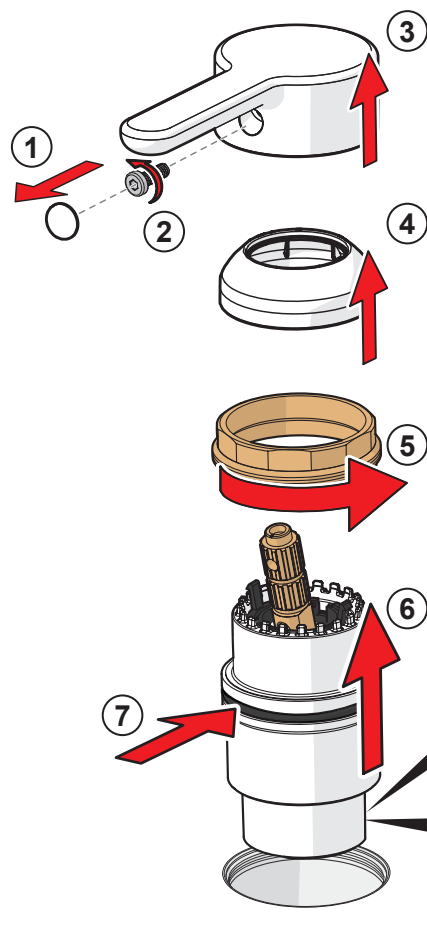
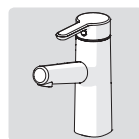
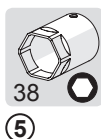
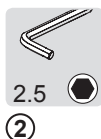
OFF

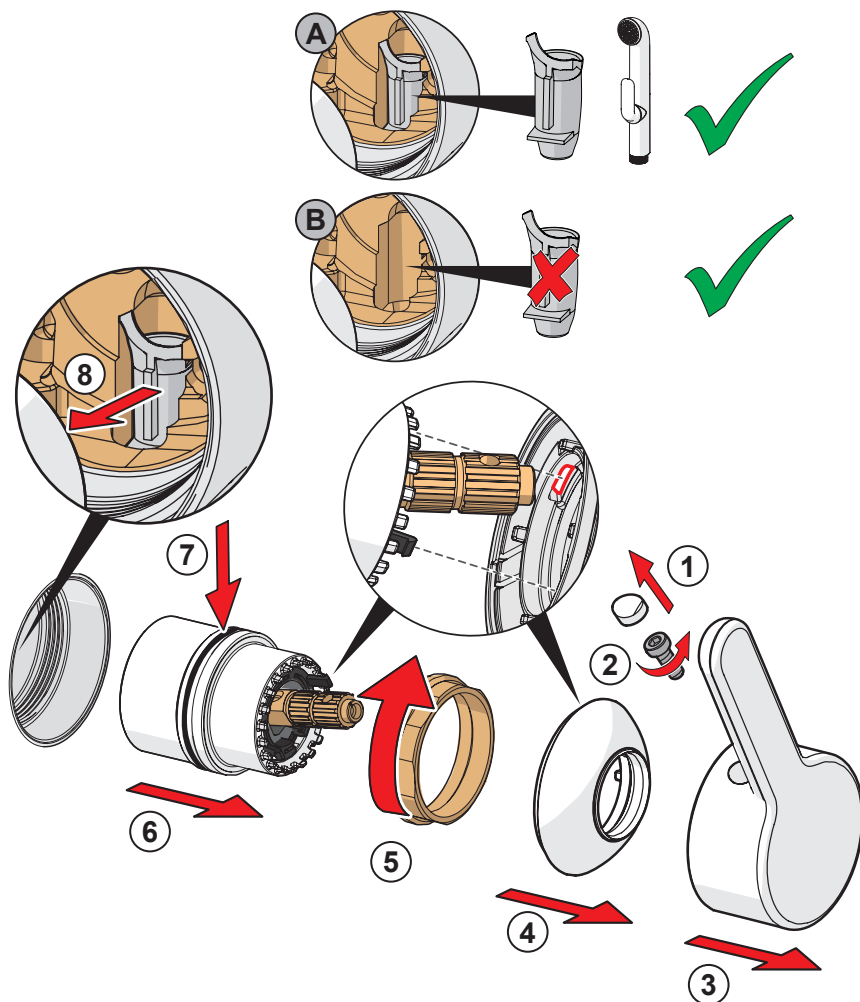
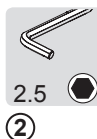


②

⑤

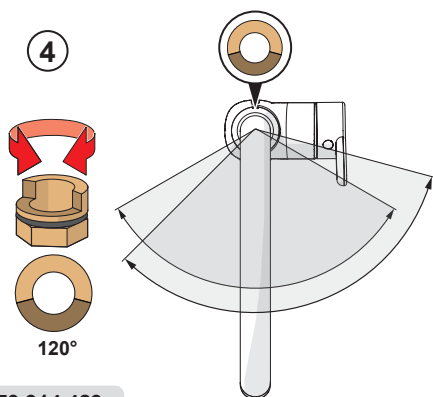
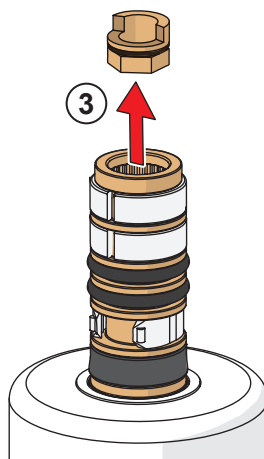
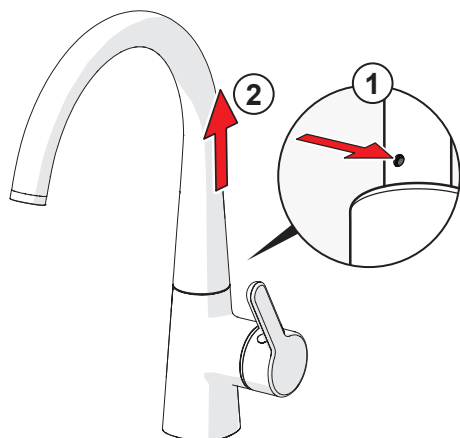




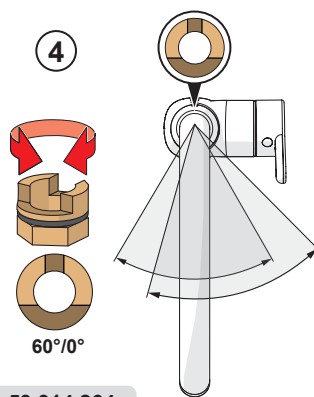




③



59 914 429

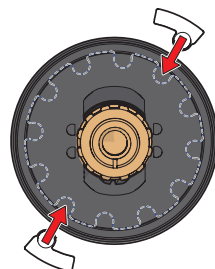
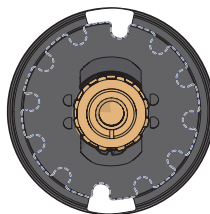
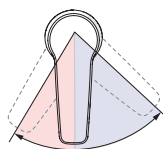
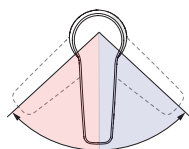
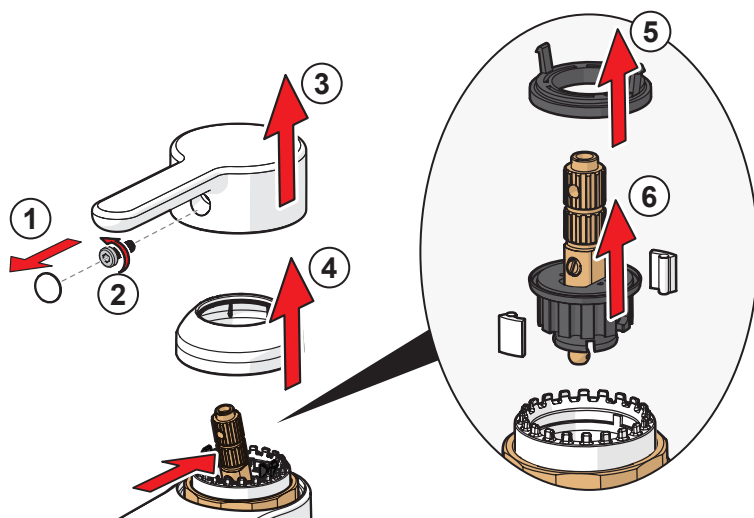


59 914 264



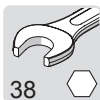
②

⑤ ⑥





① ③



②



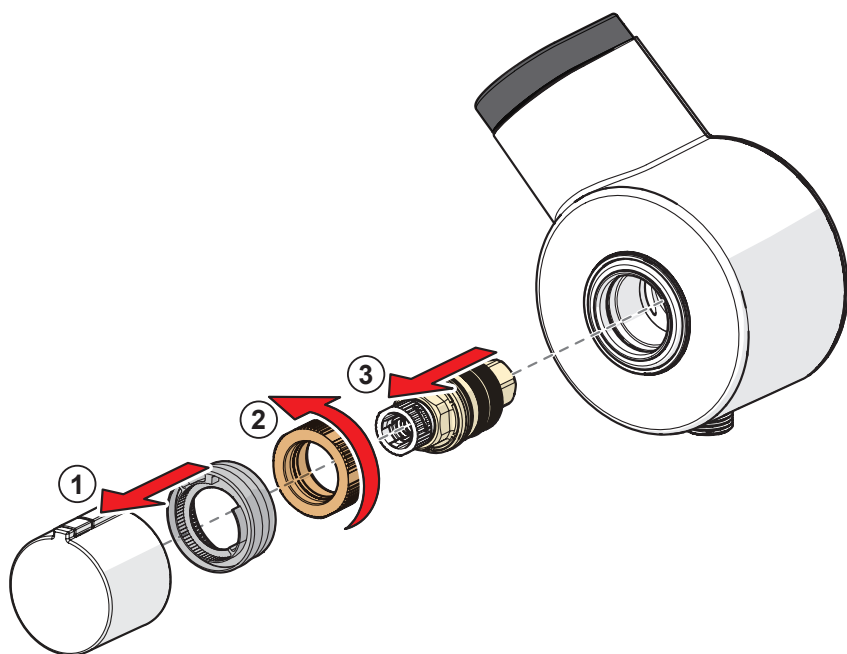
③



③

5168 2281

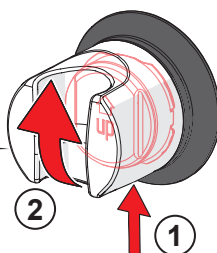
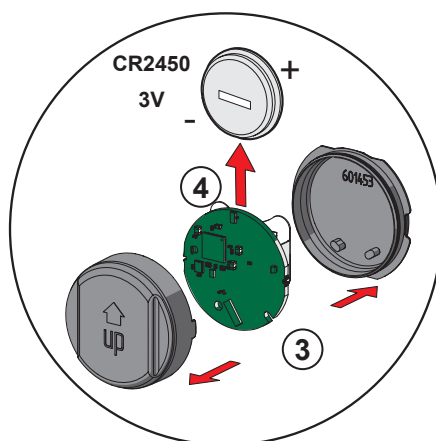
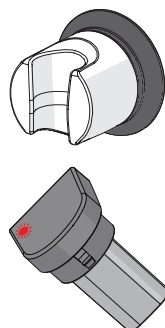
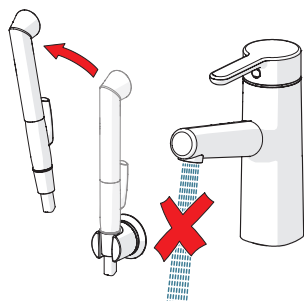
5107 2281



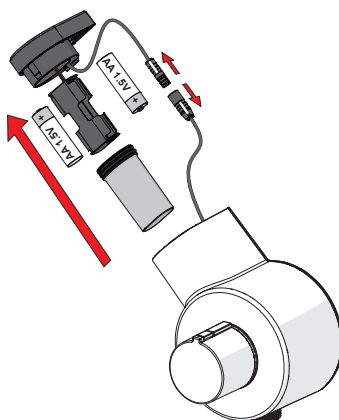


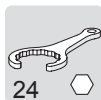
④

5168 2281
5107 2281



AA 1.5V x 2 Lithium

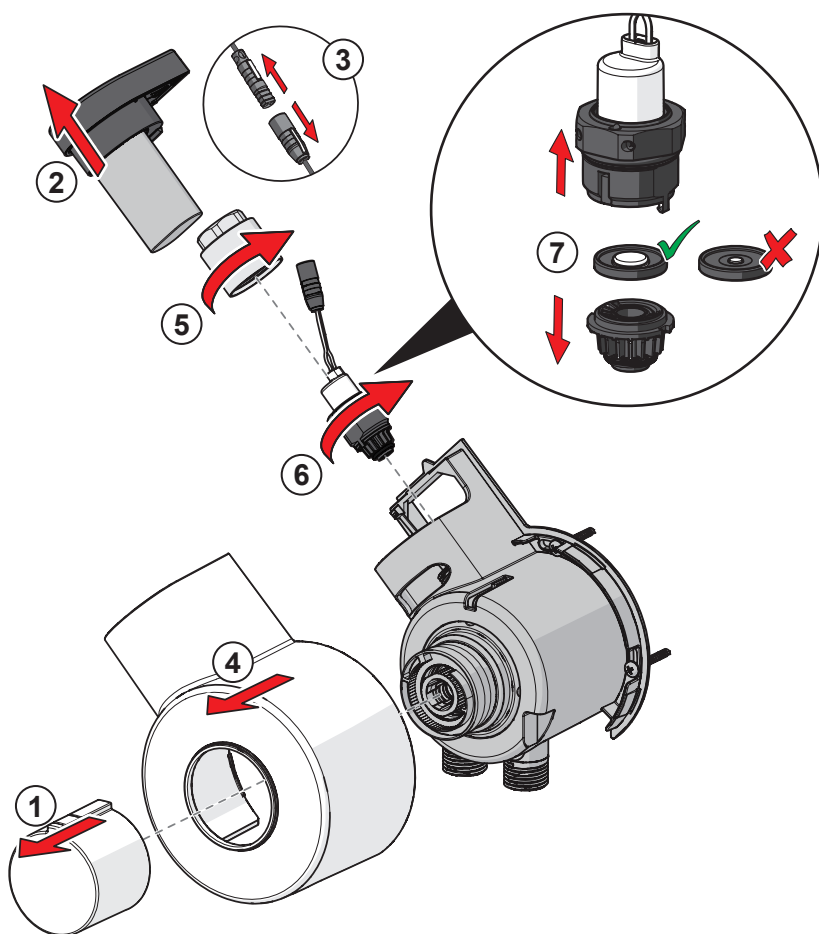


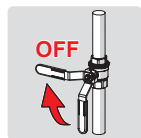


① ② ④

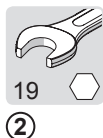
⑤ ⑥

⑦





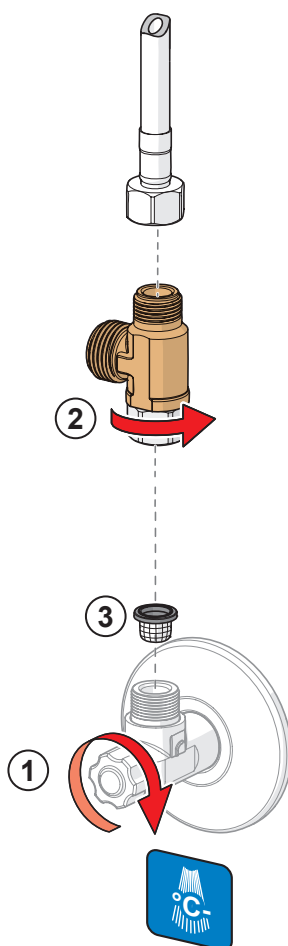
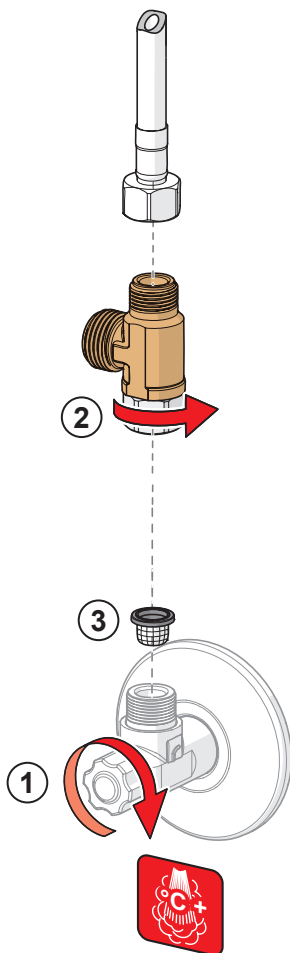
①

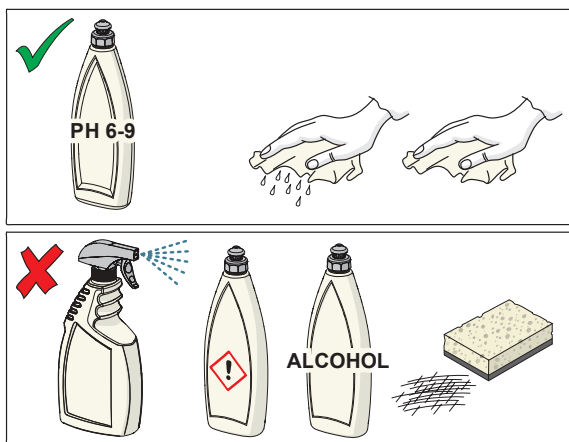
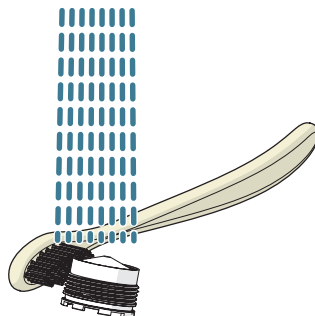
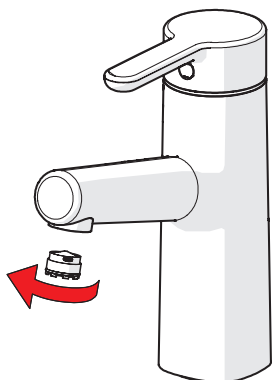
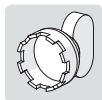


②



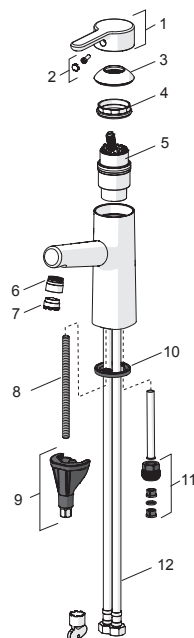
③





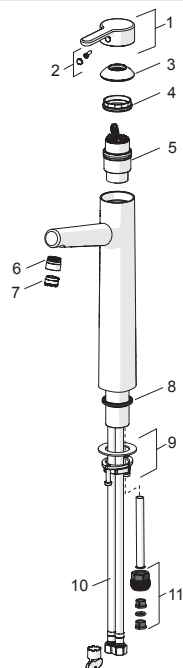
**5171 2283 , 5172 2283 , 5168 2281 ,
5170 2201**

- 1** 59 914 574
- 2** 59 914 573
- 3** 59 914 649
- 4** 59 914 128
- 5** 59 914 129
- 6** 59 914 645
- 7** 59 913 366
- 8** 59 914 474
- 9** 59 914 475
- 10** 59 913 653
- 11** 59 914 133 5168 2281, 5170 2201
- 12** 59 914 468
- NaN** 59 911 441
- NaN** 59 913 459



5169 2283

- 1** 59 914 574
- 2** 59 914 573
- 3** 59 914 649
- 4** 59 914 128
- 5** 59 914 129
- 6** 59 914 645
- 7** 59 913 366
- 8** 59 914 650
- 9** 59 913 371
- 10** 59 914 289





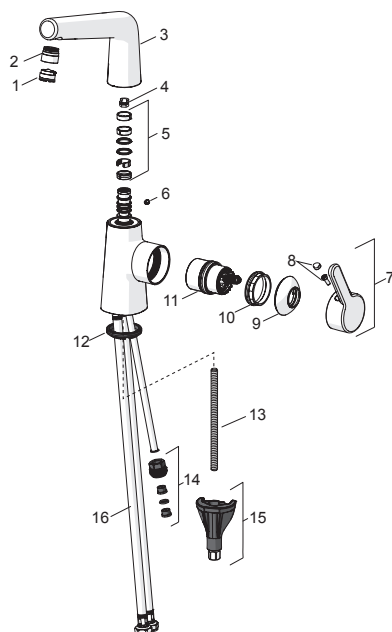
5103 2283 , 5107 2281 , 5149 2283 ,

- 1** 59 913 366
- 2** 59 914 645
- 3** 59 914 651
- 4** 59 914 429 120°
- 4** 59 914 264 60°/0°
- 5** 59 914 263
- 6** 59 913 762
- 7** 59 914 652
- 8** 59 914 573
- 9** 59 914 649
- 10** 59 914 128
- 11** 59 914 665
- 12** 59 914 591
- 13** 59 914 474
- 14** 59 914 133
- 15** 59 914 475
- 16** 59 914 653

NaN 59 911 441

NaN 59 913 459

5107 2281, 5134 2201

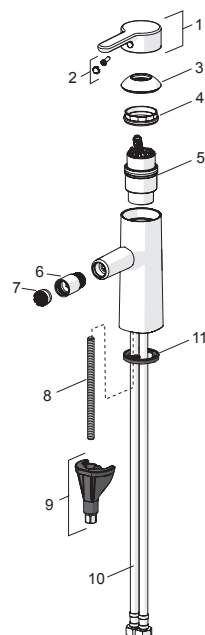


5173 3283

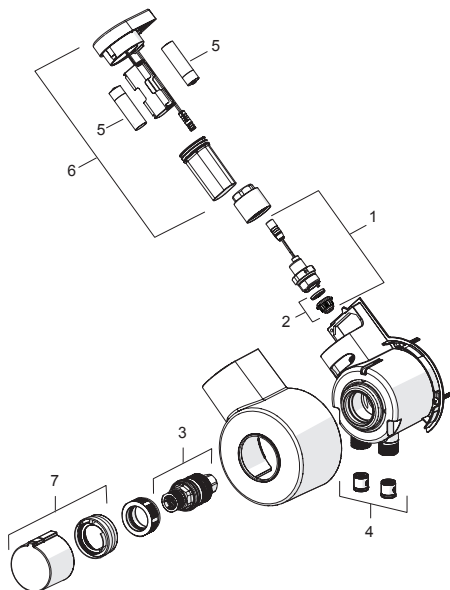
- 1** 59 914 574
- 2** 59 914 573
- 3** 59 914 649
- 4** 59 914 128
- 5** 59 914 129
- 6** 59 913 370
- 7** 59 913 366
- 8** 59 914 474
- 9** 59 914 475
- 10** 59 914 468
- 11** 59 913 653

NaN 59 911 441

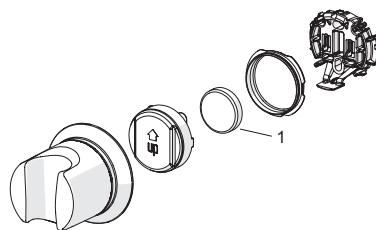
NaN 59 913 459



- 1 59 914 125
- 2 59 914 126
- 3 59 914 114
- 4 59 914 250
- 5 59 914 136
- 6 59 914 623
- 7 59 914 134

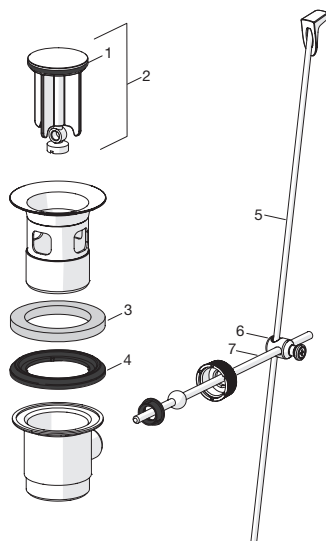


- 1 59 914 137



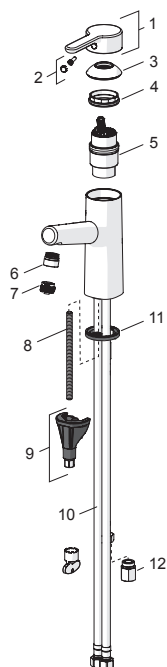


- 1 59 911 456
- 2 59 902 021
- 3 59 905 077
- 4 59 905 078
- 5 59 913 459
- 6 59 904 624
- 7 59 904 622



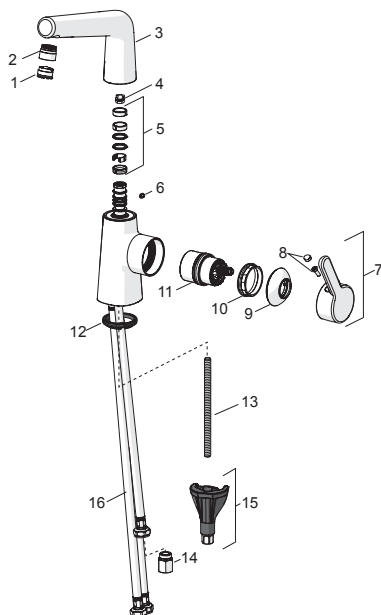
5191 1183

- 1 59 914 574
- 2 59 914 573
- 3 59 914 649
- 4 59 914 128
- 5 59 914 500
- 6 59 914 645
- 7 59 913 489
- 8 59 914 474
- 9 59 914 475
- 10 59 914 289
- 11 59 913 653
- 12 59 914 666



5121 1183

- | | | |
|-----------|------------|--------|
| 1 | 59 913 489 | |
| 2 | 59 914 645 | |
| 3 | 59 914 651 | |
| 4 | 59 914 429 | 120° |
| 4 | 59 914 264 | 60°/0° |
| 5 | 59 914 263 | |
| 6 | 59 913 762 | |
| 7 | 59 914 652 | |
| 8 | 59 914 573 | |
| 9 | 59 914 649 | |
| 10 | 59 914 128 | |
| 11 | 59 914 670 | |
| 12 | 59 914 591 | |
| 13 | 59 914 474 | |
| 14 | 59 914 666 | |
| 15 | 59 914 475 | |
| 16 | 59 914 680 | |



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: 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.

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



a member of  orasgroup