

HANSAPINTO

INSTALLATION AND MAINTENANCE GUIDE



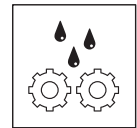
4-6



7-10



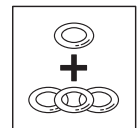
11



11-14



15

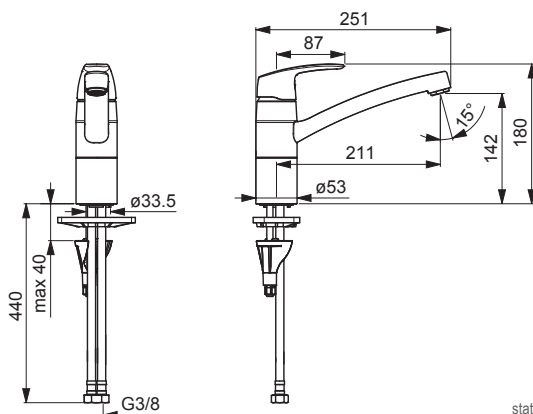


16-18



4508 2283

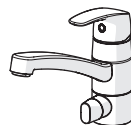
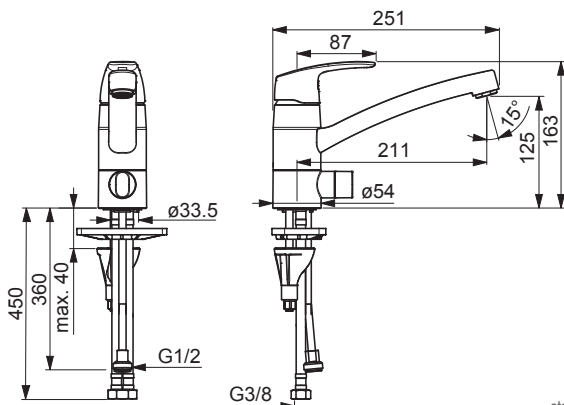
I (ISO 3822) Oras lab.
EN 817
50 - 1000 kPa
0.20 l/s (300 kPa)
max. +80°C



static.hansa.com/4508 2283

4520 2283

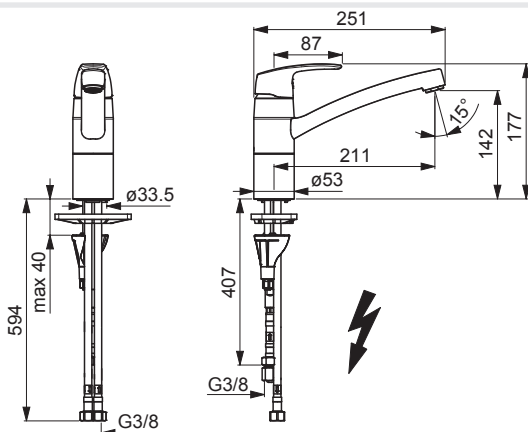
I (ISO 3822) Oras lab.
EN 817
50 - 1000 kPa
0.20 l/s (300 kPa)
max. +80°C



static.hansa.com/4520 2283

4538 1183

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

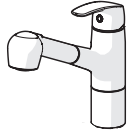
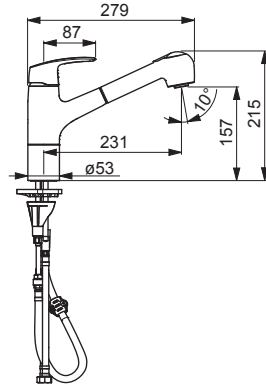
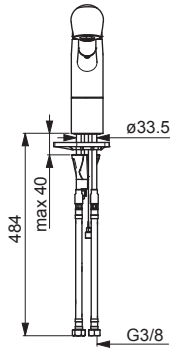


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4518 2283

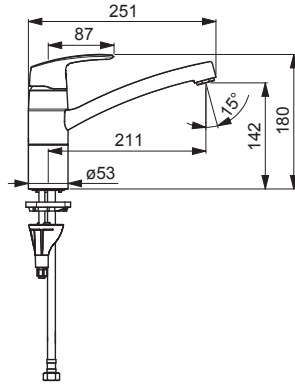
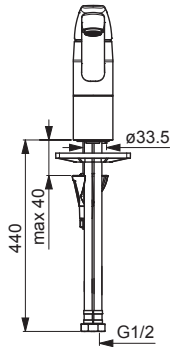
I (ISO 3822) Oras lab.
EN 817
50 - 1000 kPa
0.20 l/s (300 kPa)
max. +80°C



[static.hansa.com/4518 2283](http://static.hansa.com/4518_2283)

4508 2283 0037

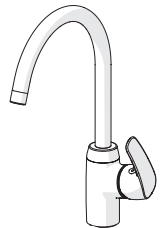
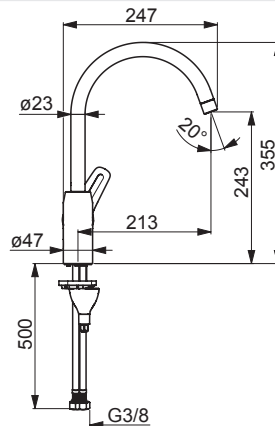
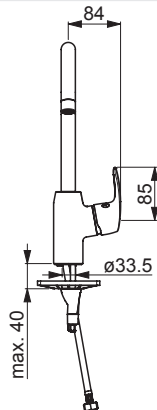
I (ISO 3822) Oras lab.
EN 817
50 - 1000 kPa
0.125 l/s (300 kPa)
max. +80°C



[static.hansa.com/4508 2283 0037](http://static.hansa.com/4508_2283_0037)

4513 2283

I (ISO 3822) Oras lab.
EN 817
50 - 1000 kPa
0.21 l/s (300 kPa)
max. +80°C

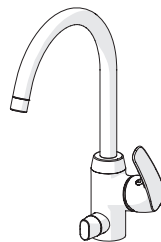
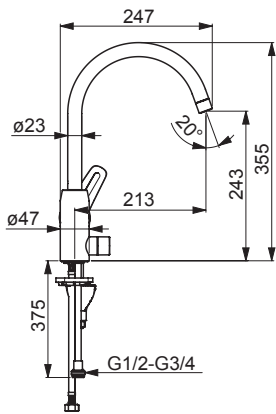
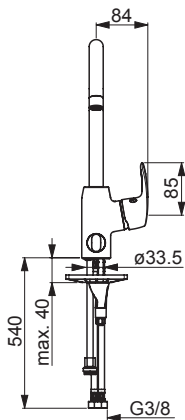


[static.hansa.com/4513 2283](http://static.hansa.com/4513_2283)



4514 2283

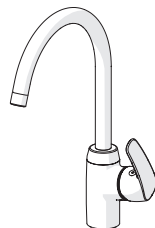
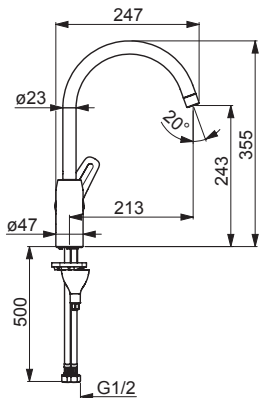
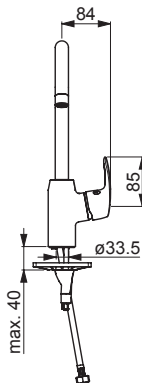
I (ISO 3822) Oras lab.
EN 817
50 - 1000 kPa
0.19 l/s (300 kPa)
max. +80°C



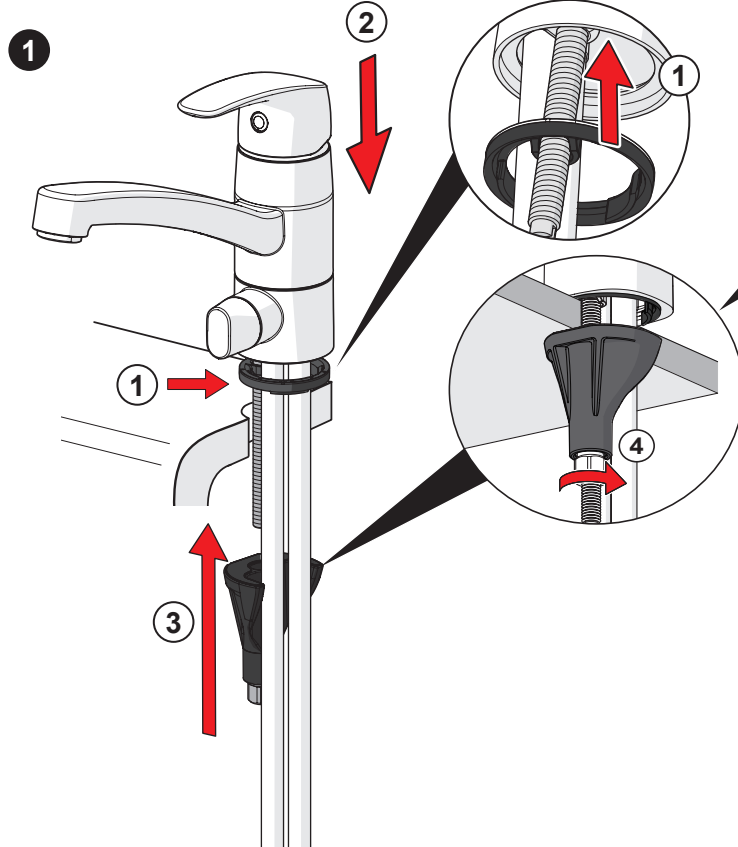
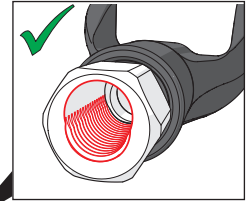
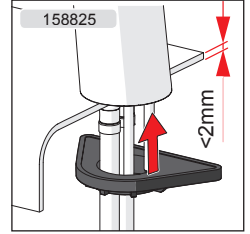
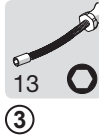
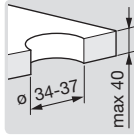
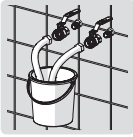
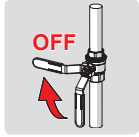
static.hansa.com/4514_2283

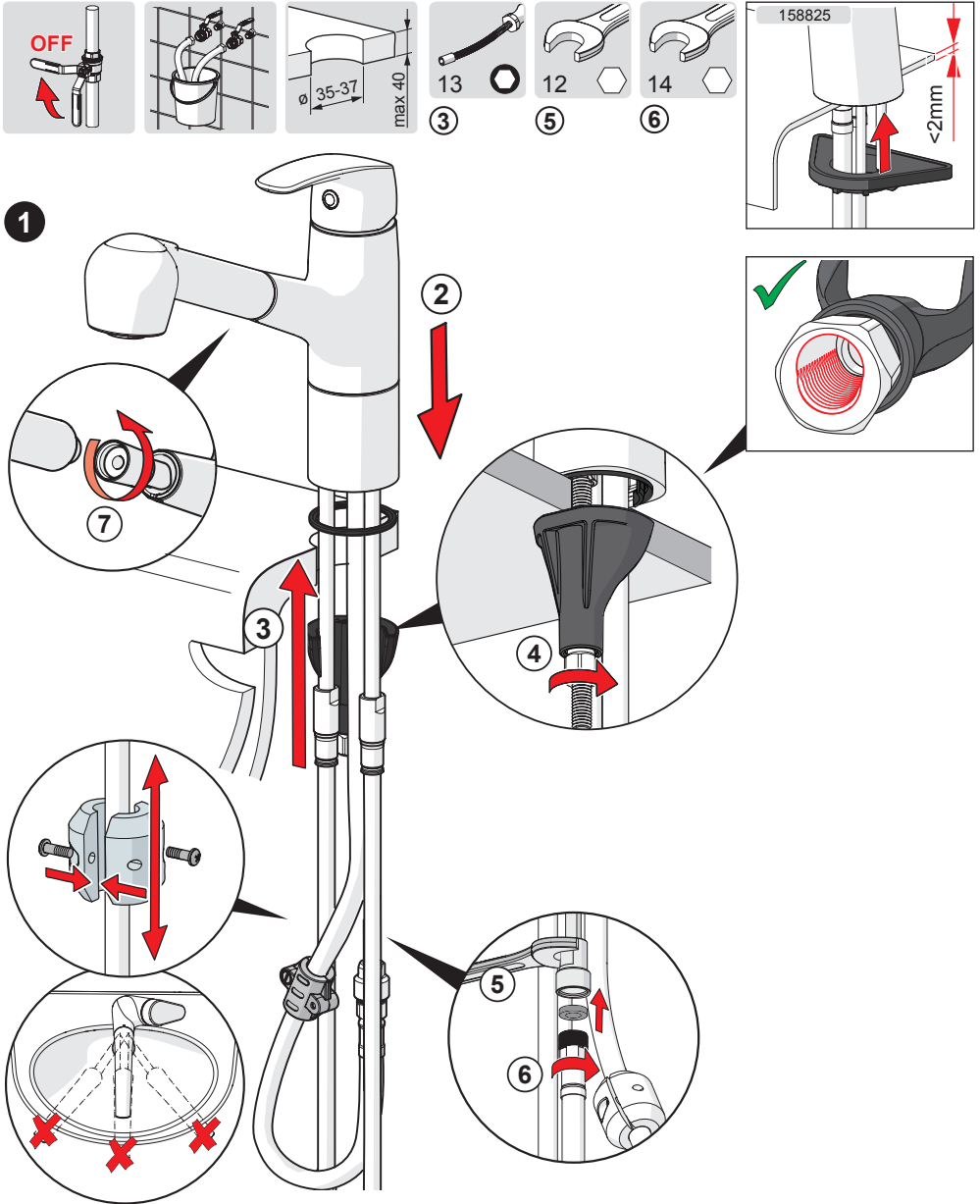
4513 2283 0037

I (ISO 3822) Oras lab.
EN 817
50 - 1000 kPa
0.125 l/s (300 kPa)
max. +80°C



static.hansa.com/4513_2283_0037



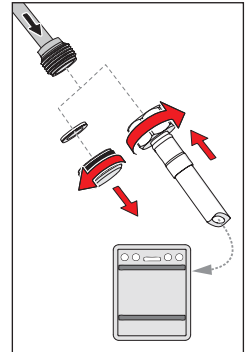
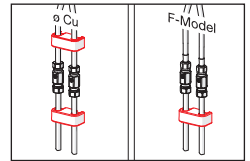
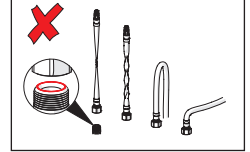
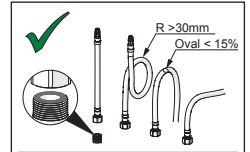
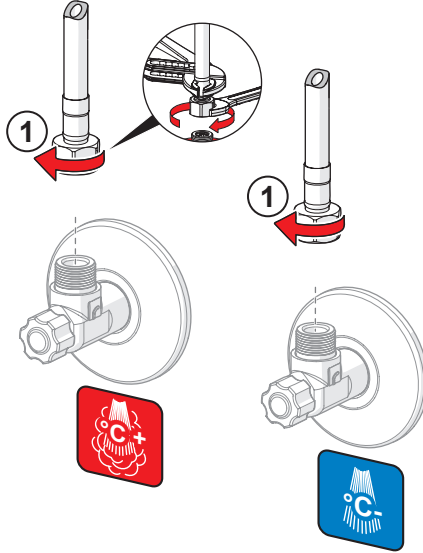


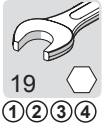


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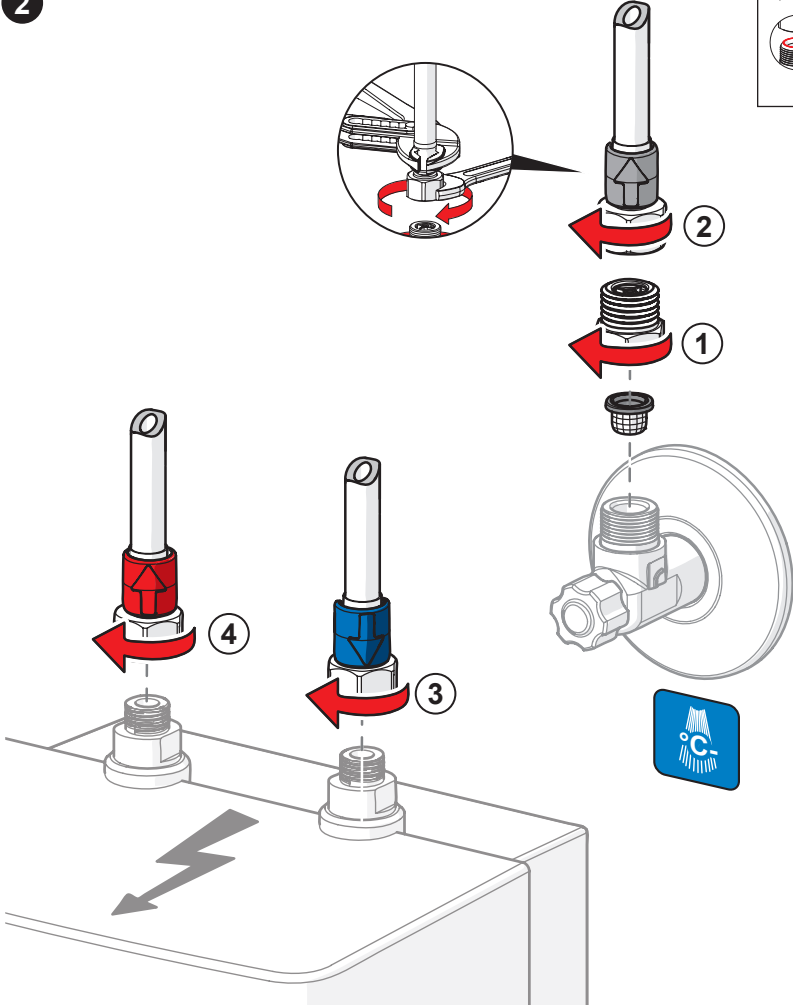
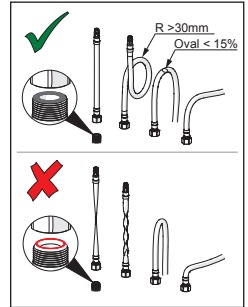
max.
1600 kPa

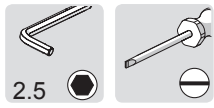
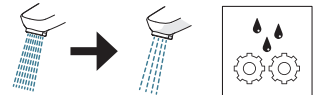
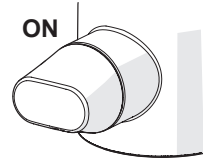
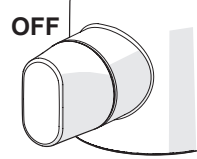
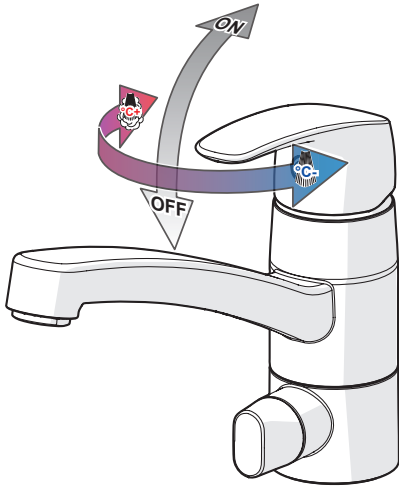
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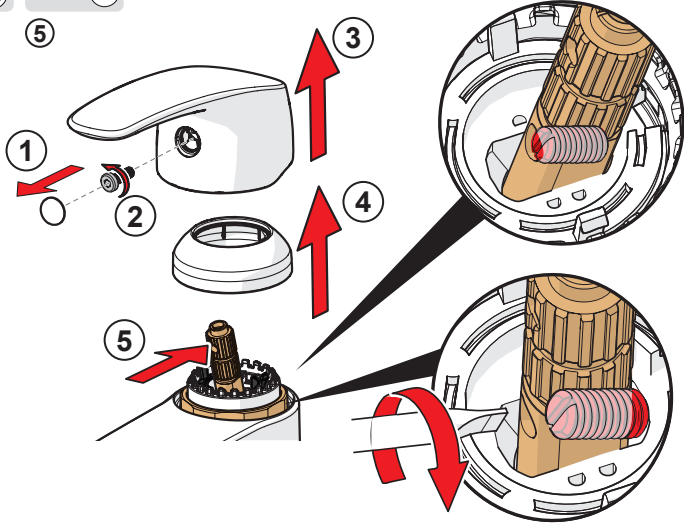
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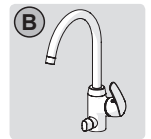
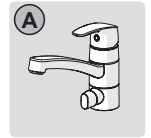
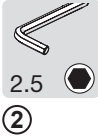
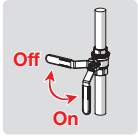
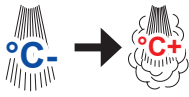




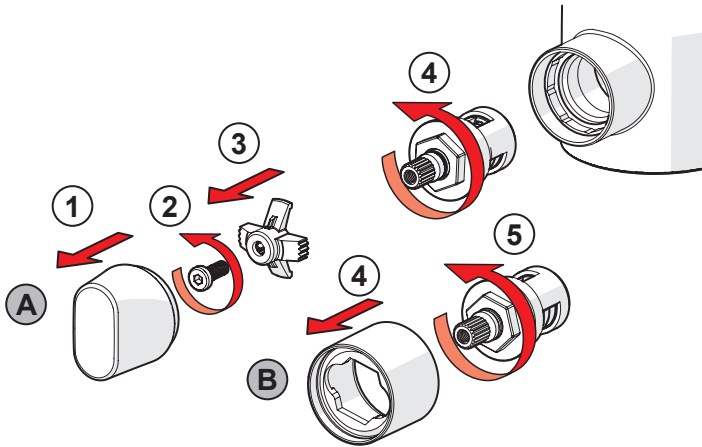
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⑤

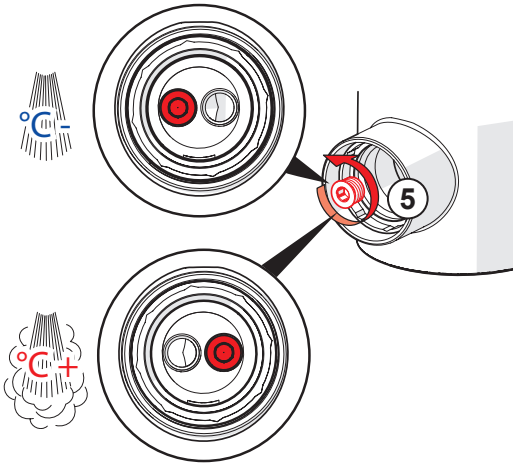




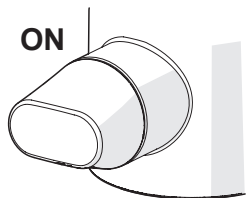
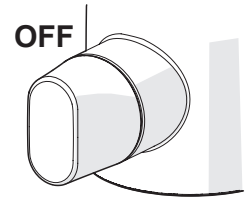
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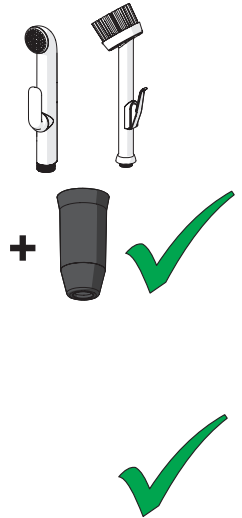
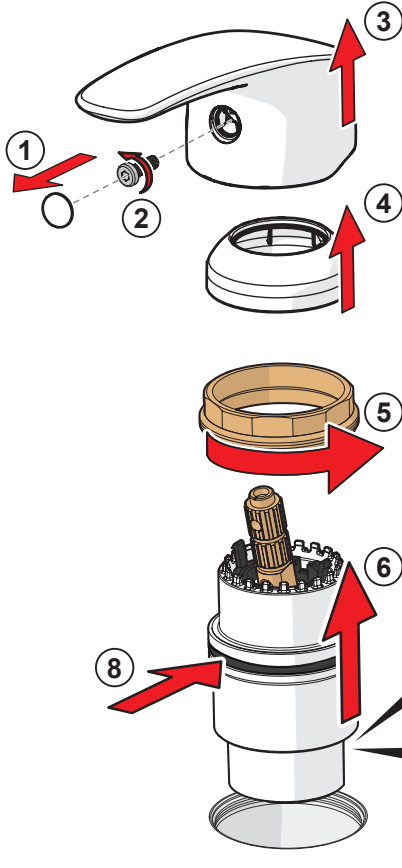
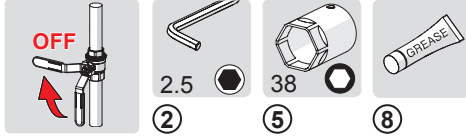


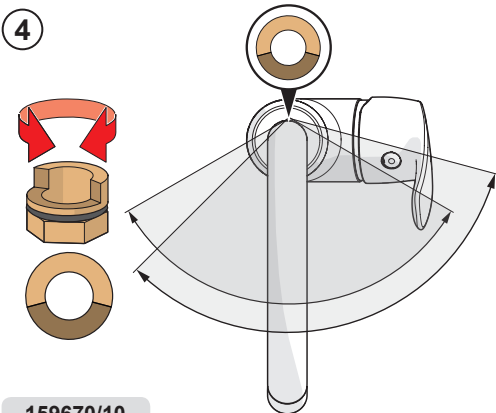
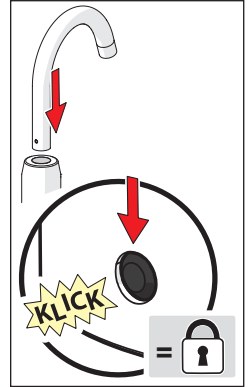
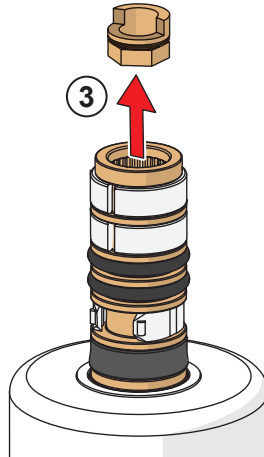
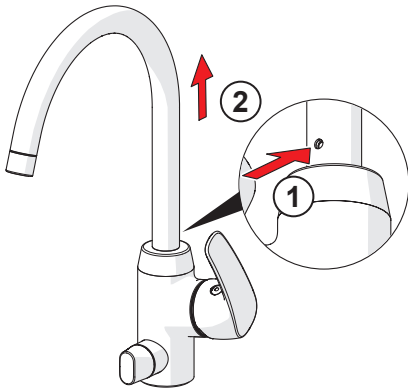
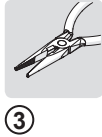
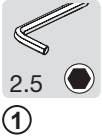
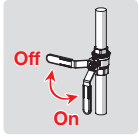
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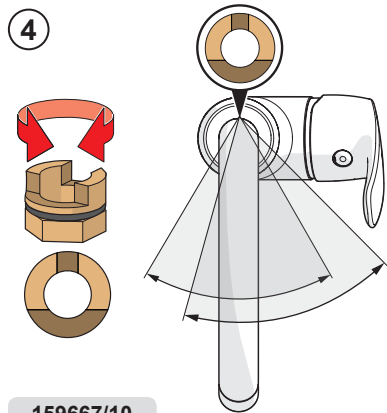
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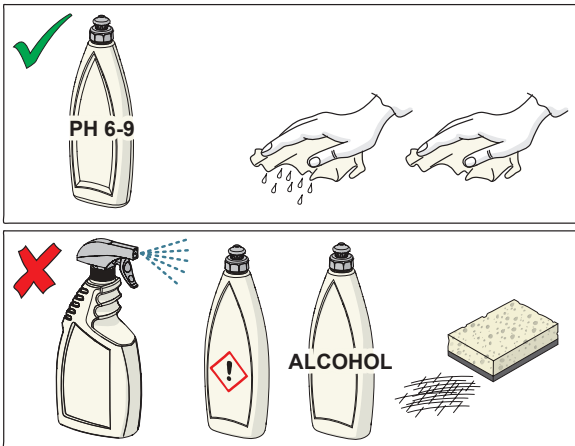
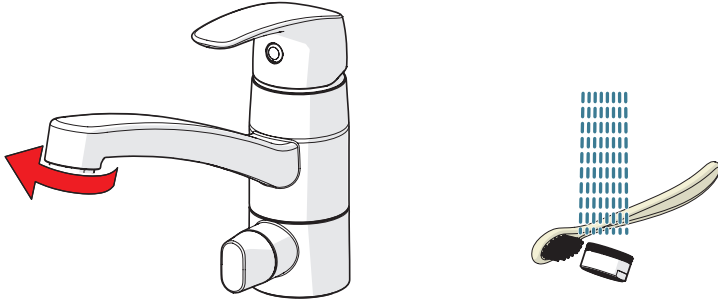




159670/10



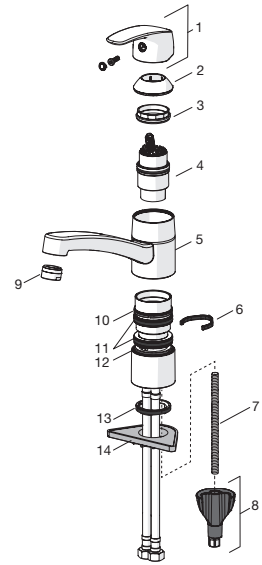
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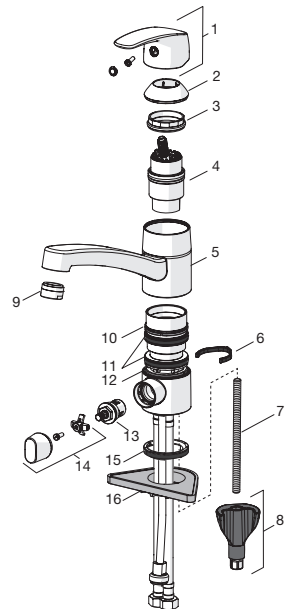
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**4508 2283 , 4538 1183 , 4508 2283 0037**

- 1** 59 914 453
- 2** 59 914 482
- 3** 59 914 128
- 4** 59 914 500 (4538 1183)
- 4** 59 914 129
- 5** 59 914 499
- 6** 59 914 540 40° - 80°
- 6** 59 914 489 120°
- 7** 59 914 474
- 8** 59 914 475
- 9** 59 914 461 (4508 2283 0037)
- 9** 59 902 692 (4538 1183)
- 9** 59 914 501 (4508 2283)
- 10** 59 914 490
- 11** 59 914 485
- 12** 59 914 486
- 13** 59 914 591
- 14** 59 910 008

**4520 2283**

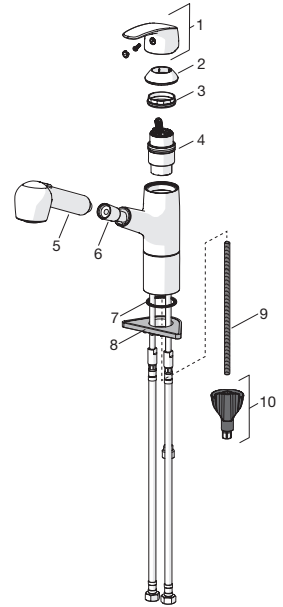
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- 2** 59 914 482
- 3** 59 914 128
- 4** 59 914 129
- 5** 59 914 499
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- 7** 59 914 474
- 8** 59 914 475
- 9** 59 914 501
- 10** 59 914 490
- 11** 59 914 485
- 12** 59 914 486
- 13** 59 914 433
- 14** 59 914 434
- 15** 59 914 491
- 16** 59 910 008





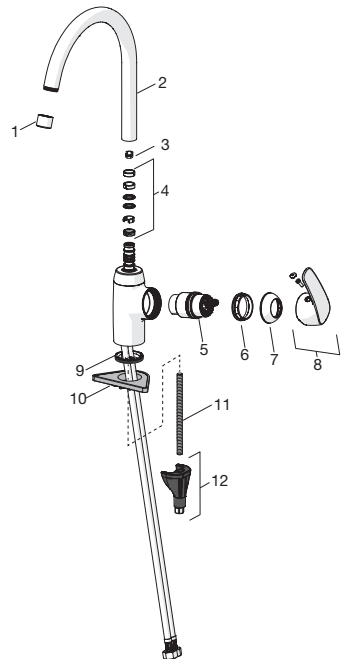
4518 2283

- 1 59 914 453
- 2 59 914 482
- 3 59 914 128
- 4 59 914 129
- 5 59 914 496
- 6 59 914 345
- 7 59 914 497
- 8 59 910 008
- 9 59 914 474
- 10 59 914 475



4513 2283 , 4513 2283 0037

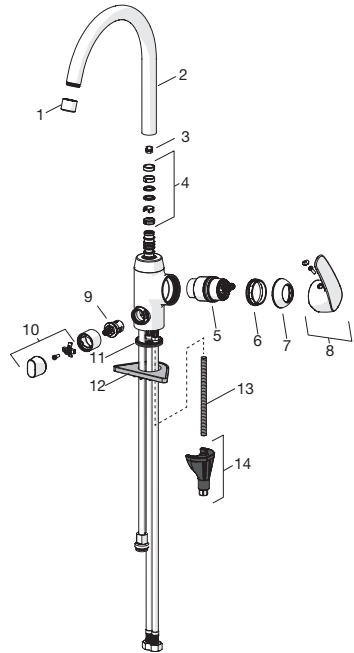
- 1 59 914 436
- 2 59 914 498
- 3 59 914 429 (120°)
- 3 59 914 264 (60°/0°)
- 4 59 914 263
- 5 59 914 129
- 6 59 914 128
- 7 59 914 454
- 8 59 914 453
- 9 59 913 653
- 10 59 910 008
- 11 59 914 474
- 12 59 914 475



**4514 2283**

- 1** 59 914 436
- 2** 59 914 498
- 3** 59 914 264
- 3** 59 914 429
- 4** 59 914 263
- 5** 59 914 129
- 6** 59 914 128
- 7** 59 914 454
- 8** 59 914 453
- 9** 59 914 433
- 10** 59 914 434
- 11** 59 913 653
- 12** 59 910 008
- 13** 59 914 474
- 14** 59 914 475

(60°/0°)
(120°)



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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