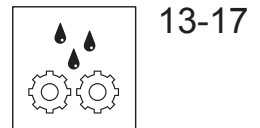
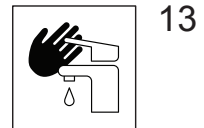




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Installation and maintenance guide

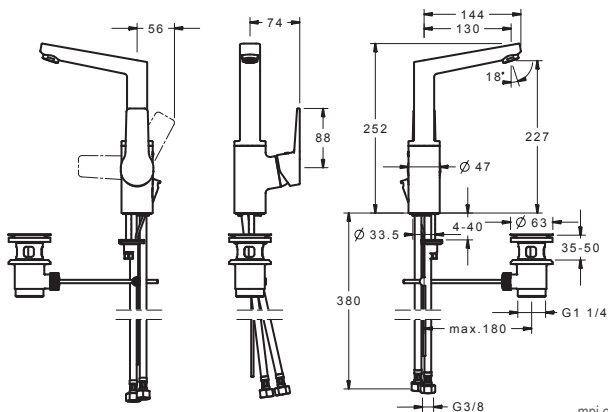






3801F , 3801BF

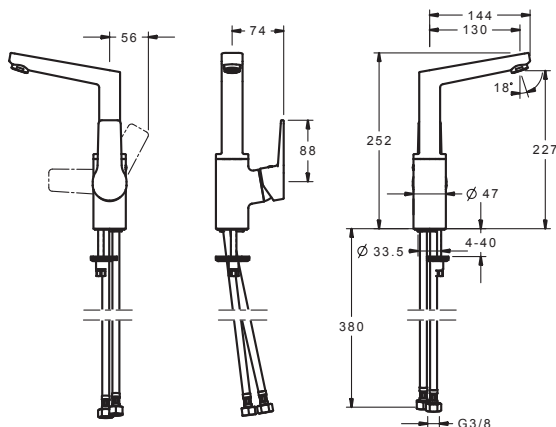
EN 817
100 - 1000 kPa
0.1 l/s (300 kPa w/Controller)
max. +80°C



mpi.oras.com/3801F

3803F , 3803BF

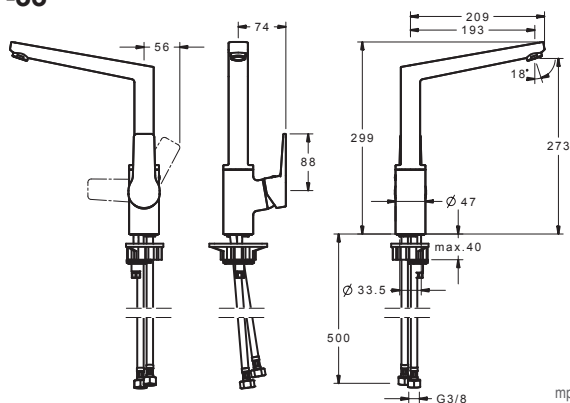
EN 817
100 - 1000 kPa
0.1 l/s (300 kPa w/Controller)
max. +80°C



mpi.oras.com/3803F

3838F , 3838BF , 3838F-33

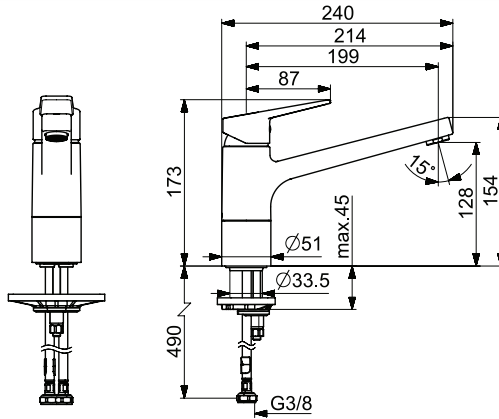
EN 817
100 - 1000 kPa
0.2 l/s (300 kPa)
max. +90°C



mpi.oras.com/3838F

3820F

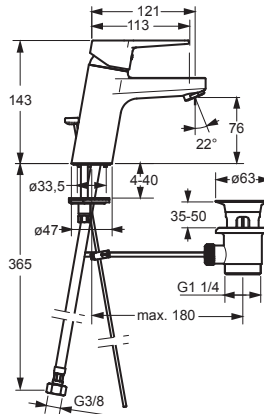
P-IX 28418/IA
 EN 817
 100 - 1000 kPa
 0.2 l/s (300 kPa)
 max. +90°C



mpi.oras.com/3820F

3804F , 3804BF

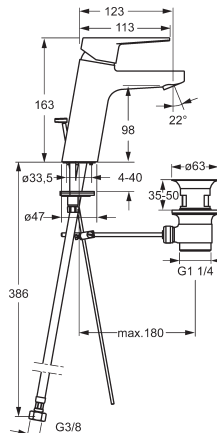
P-IX 18545/IA
 EN 817
 100 - 1000 kPa
 0.1 l/s (300 kPa w/Controller)
 max. +80°C



mpi.oras.com/3804F

3805F , 3805BF

P-IX 18545/IA
 EN 817
 100 - 1000 kPa
 max. +80°C

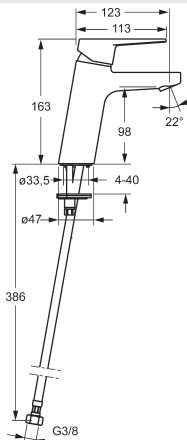


mpi.oras.com/3805F



3806F , 3806BF

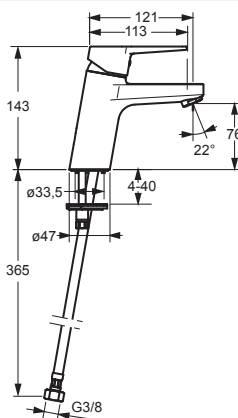
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EN 817
100 - 1000 kPa
0.1 l/s (300 kPa w/Controller)
max. +80°C



mpi.oras.com/3806F

3810F , 3810F-33 , 3810BF

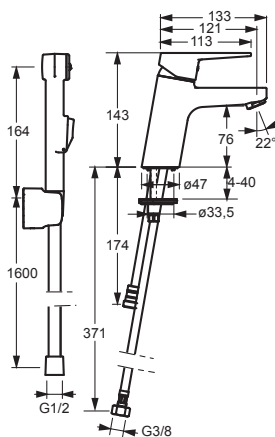
P-IX 18545/IA
EN 817
100 - 1000 kPa
0.1 l/s (300 kPa w/Controller)
max. +80°C



mpi.oras.com/3810F

3812F , 3812BF

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



mpi.oras.com/3812F

3818F , 3818BF

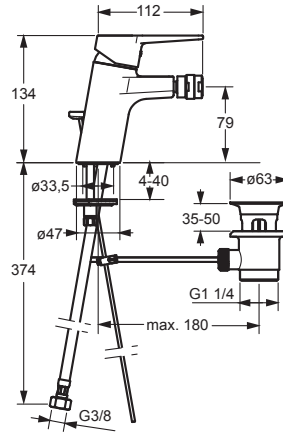
P-IX 18545/IA

EN 817

100 - 1000 kPa

0.1 l/s (300 kPa w/Controller)

max. +90°C

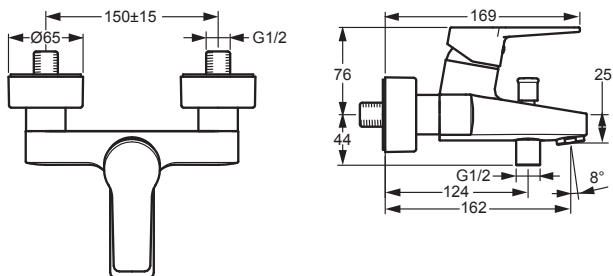


mpi.oras.com/3818F



3840U , 3840BU

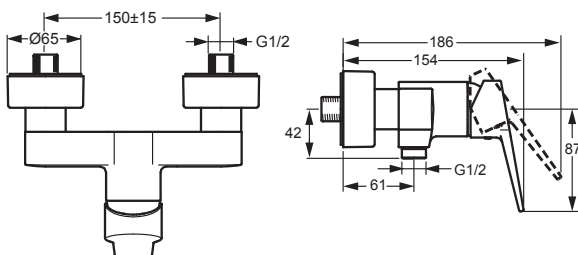
PA-IX 18543/ICB
EN 817
100 - 1000 kPa
0.33 l/s (300 kPa)
max. +90°C



mpi.oras.com/3840U

3860U , 3860BU

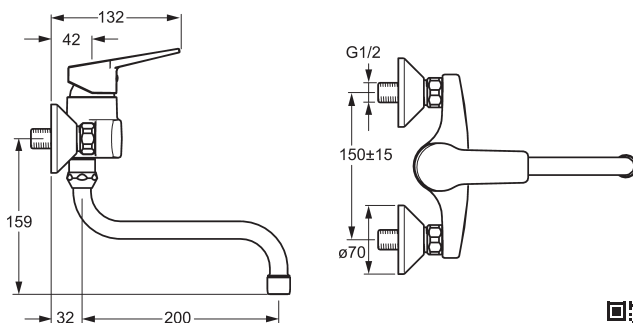
PA-IX 19624/IB
EN 817
100 - 1000 kPa
0.28 l/s (300 kPa)
max. +90°C



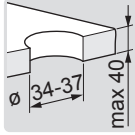
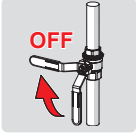
mpi.oras.com/3860U

3836U , 3836BU

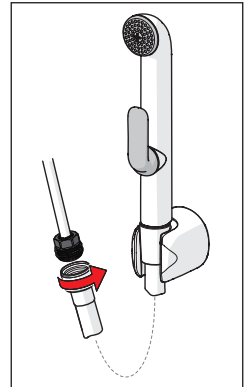
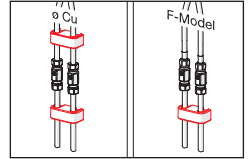
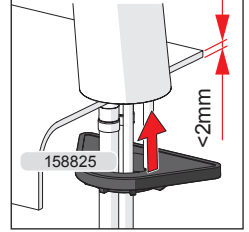
PA-IX 28484/IA
EN 817
100 - 1000 kPa
0.22 l/s (300 kPa)
max. +90°C



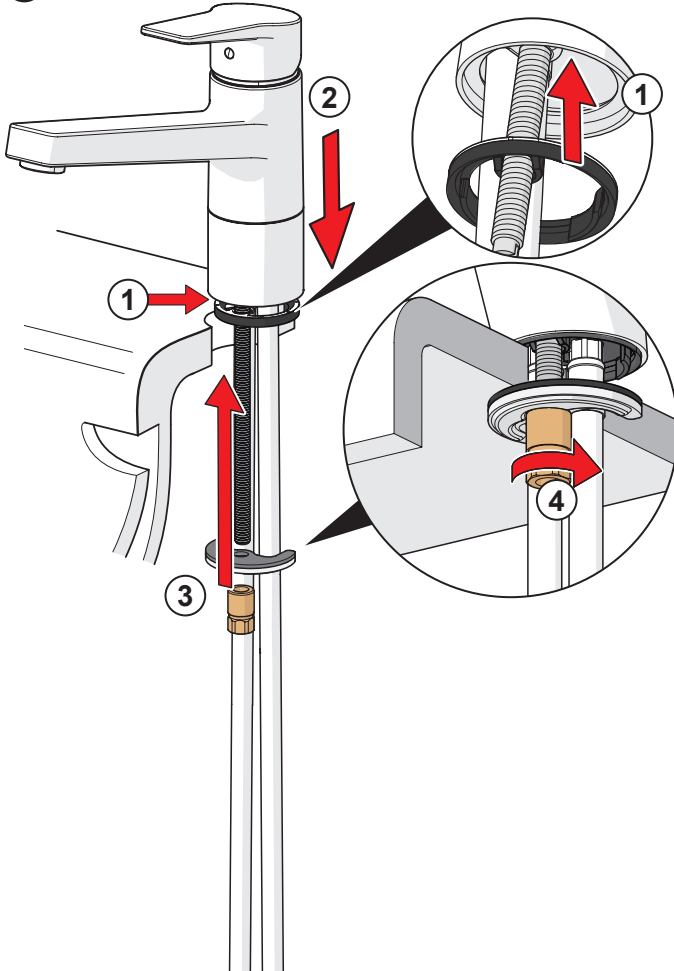
mpi.oras.com/3836U



max.
1600 kPa



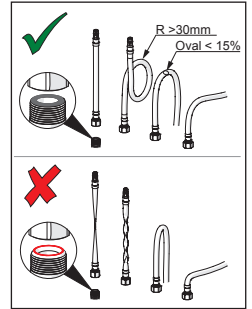
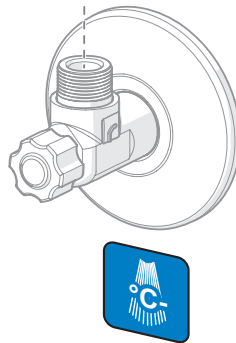
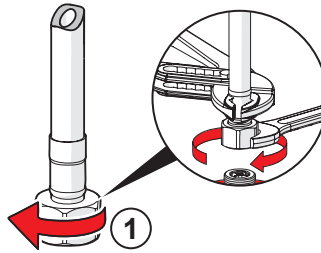
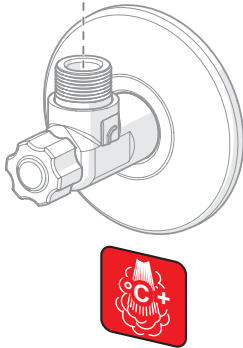
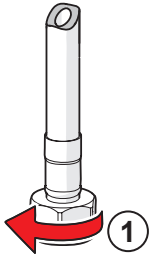
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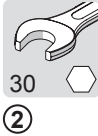
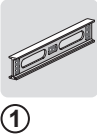
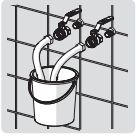
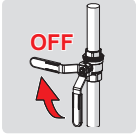




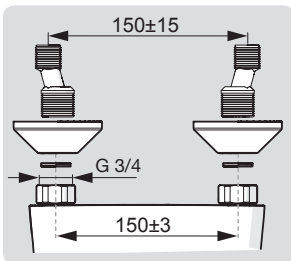
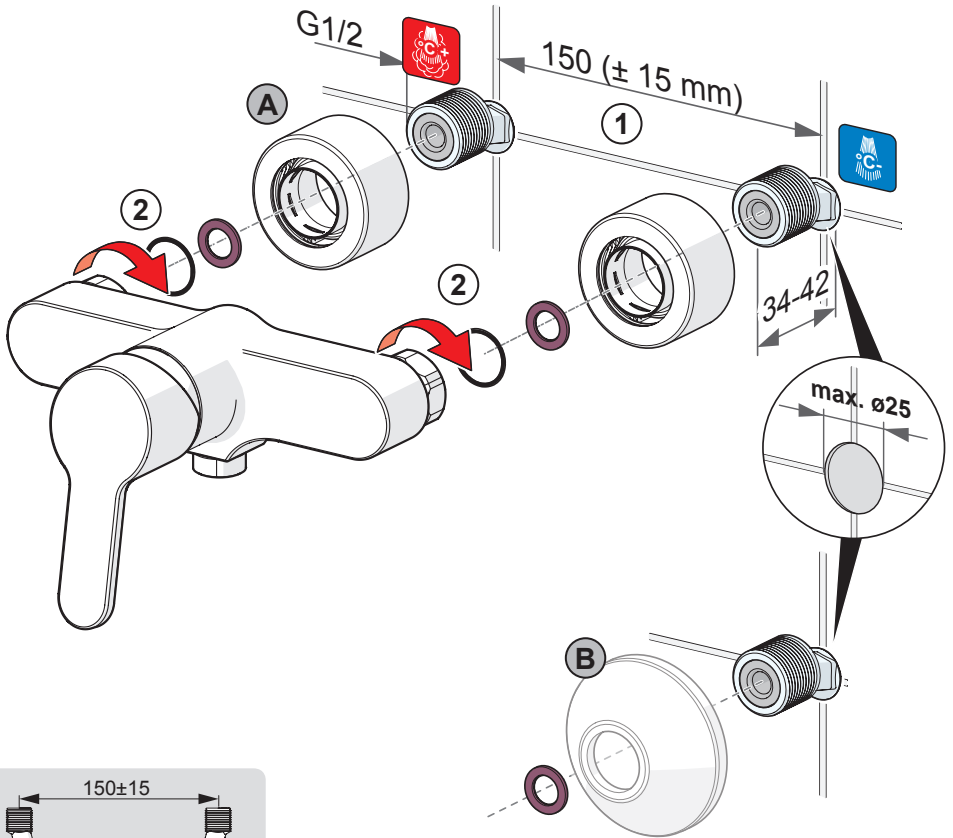
①

②



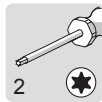
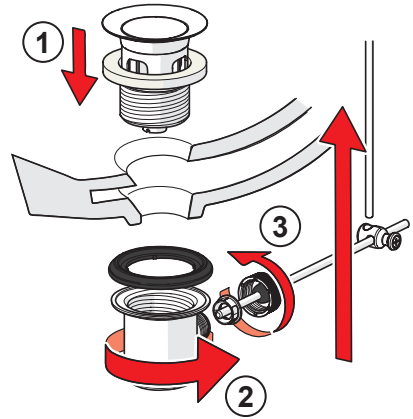
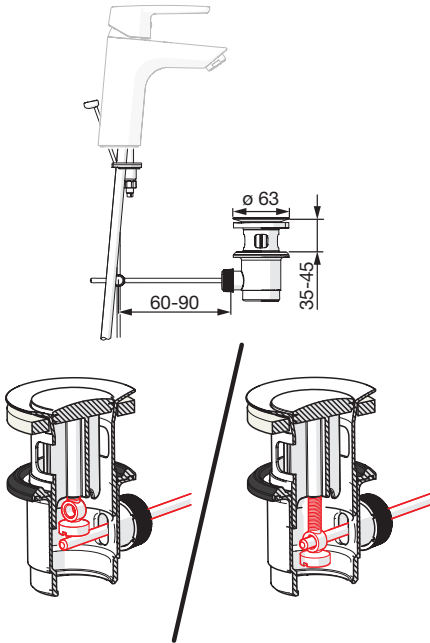


max.
1600 kPa

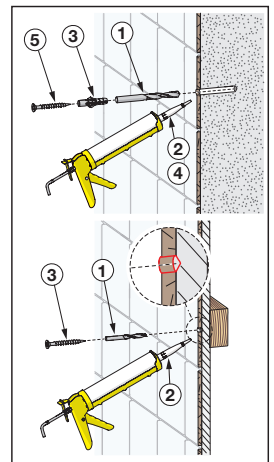
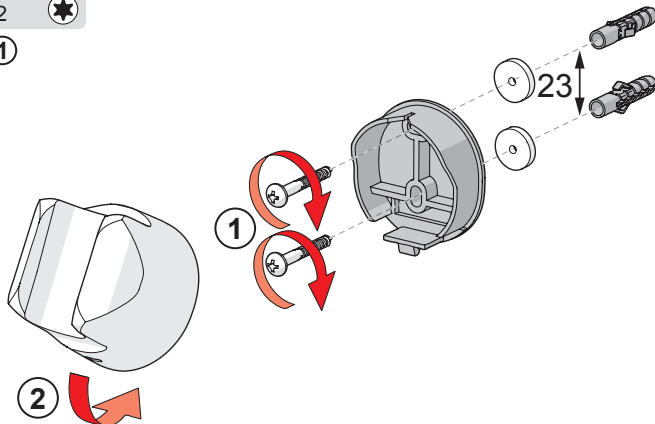


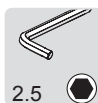
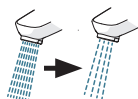
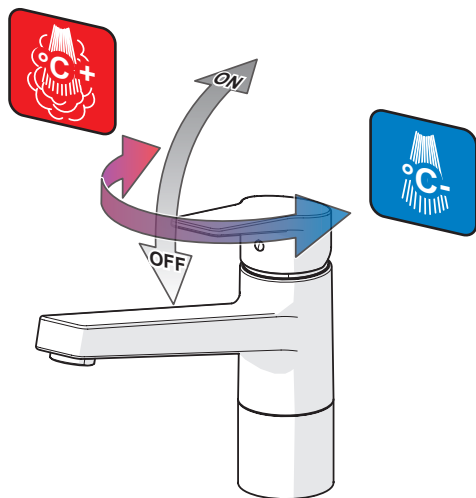


① ② ③

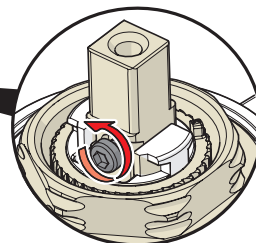
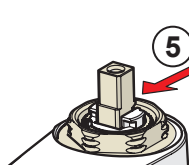
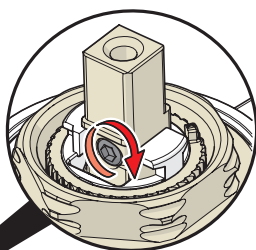
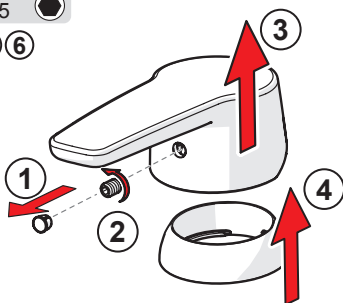


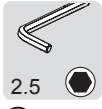
①





2.5
② ⑥



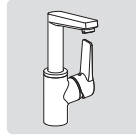


2.5

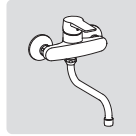
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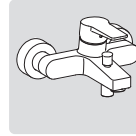
Ⓐ



Ⓐ



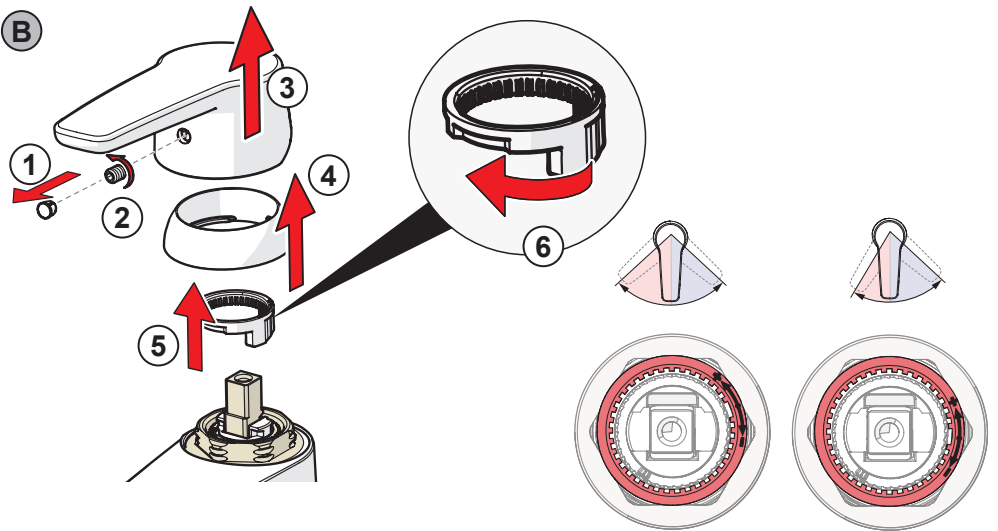
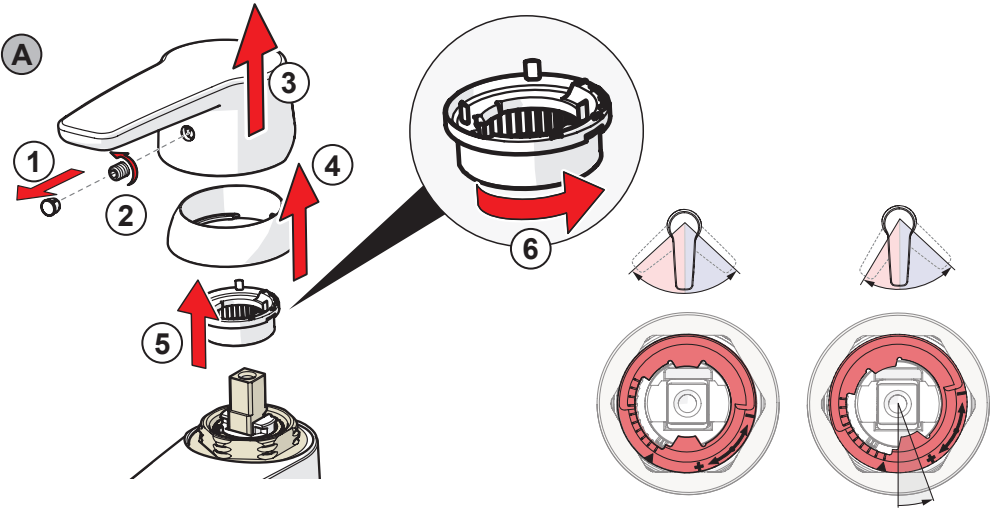
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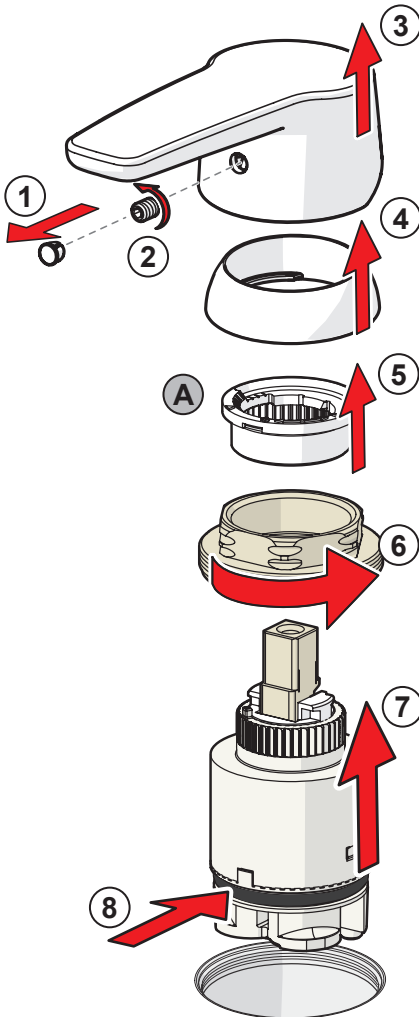
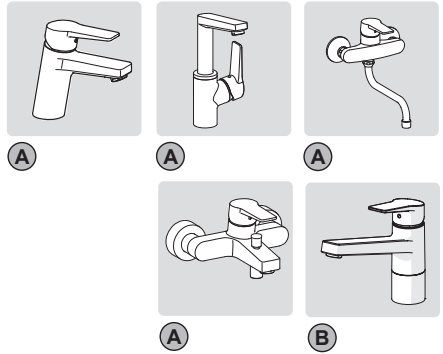
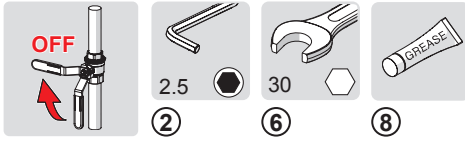


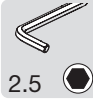
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Ⓑ







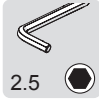
A1



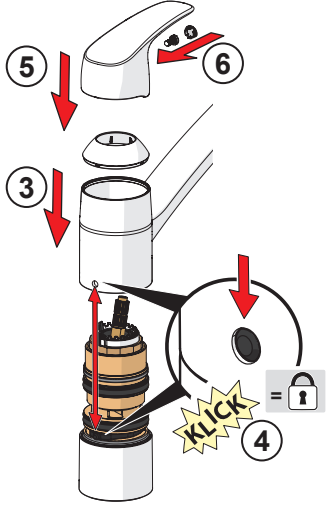
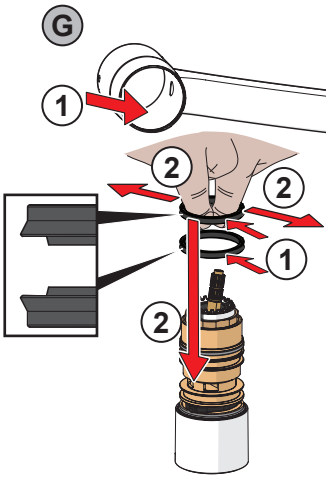
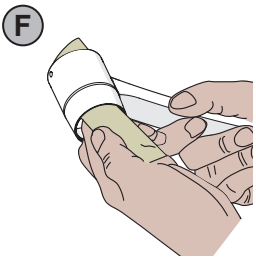
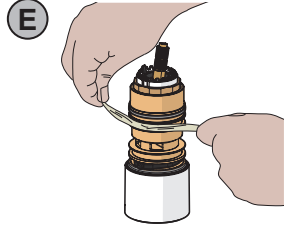
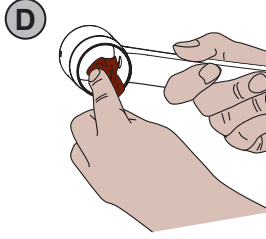
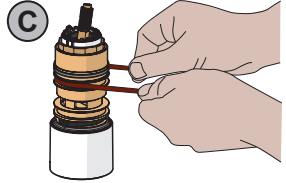
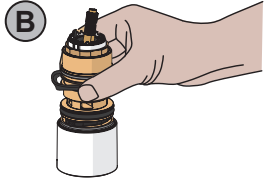
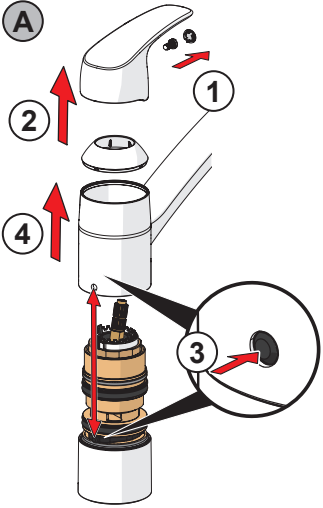
G1



G2



G6





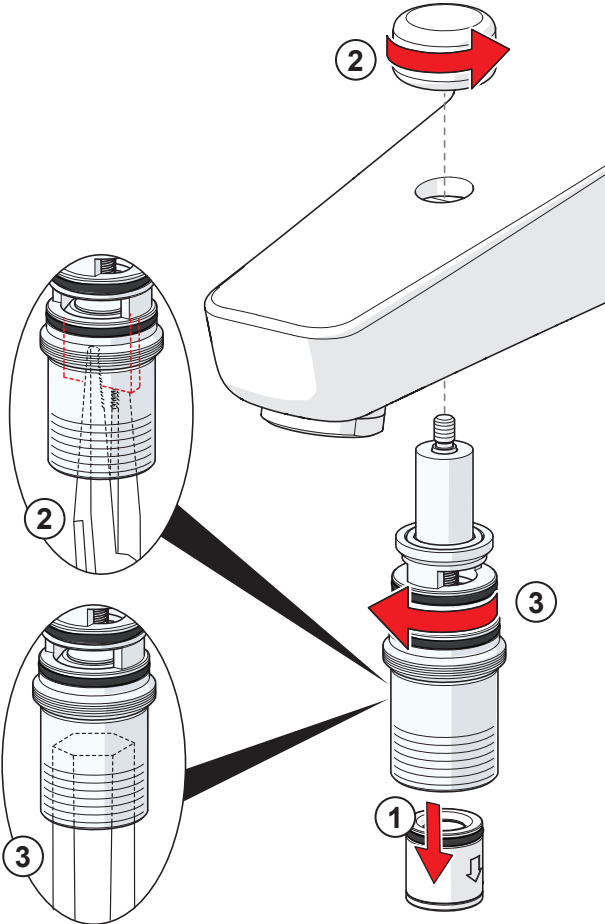
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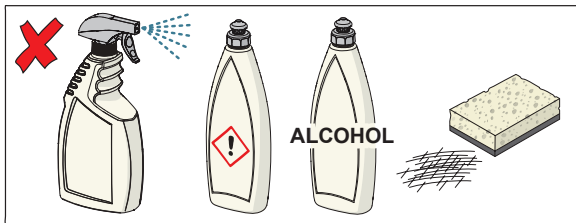
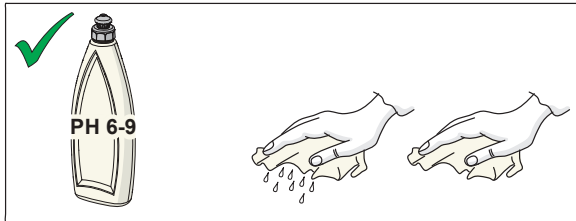
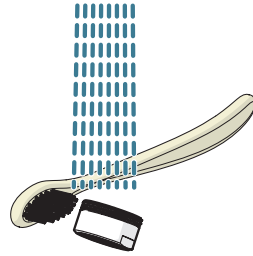
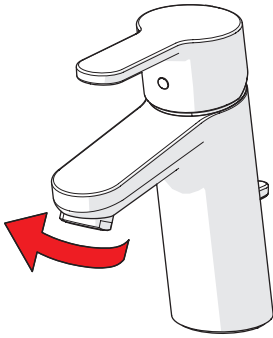


③



③





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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.

ORAS Ltd
Isometsäntie 2, P.O. Box 40
FI-26101 Rauma
Tel. +358 2 83 161
Fax +358 2 831 6300
info.finland@oras.com
www.oras.com



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