

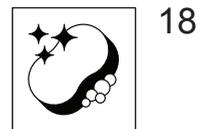
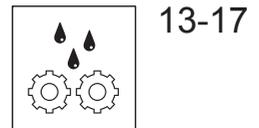
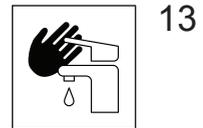


# Oras Twista

Installation and maintenance guide



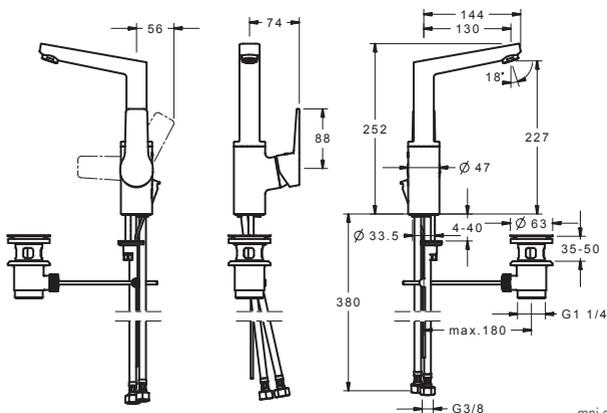






## 3801F , 3801BF

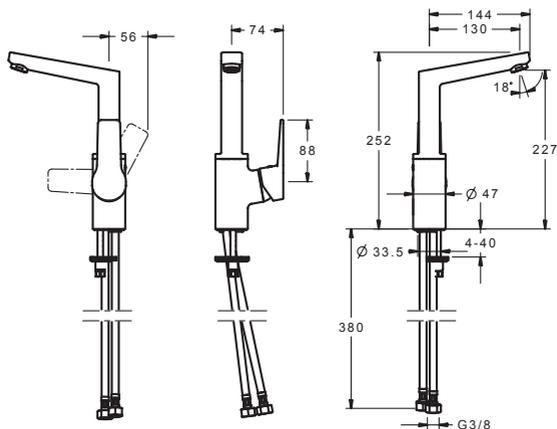
EN 817  
100 - 1000 kPa  
0.1 l/s (300 kPa w/Controller)  
max. +80°C



[mpi.oras.com/3801F](http://mpi.oras.com/3801F)

## 3803F , 3803BF

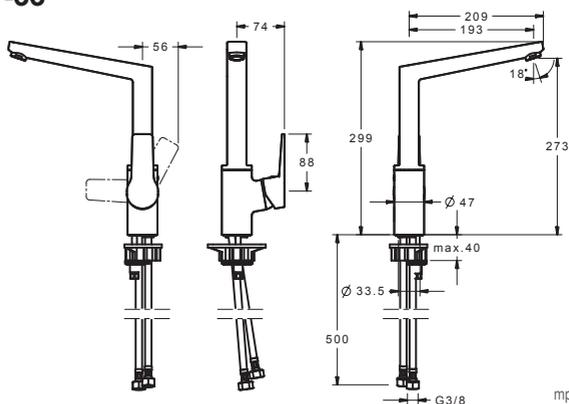
EN 817  
100 - 1000 kPa  
0.1 l/s (300 kPa w/Controller)  
max. +80°C



[mpi.oras.com/3803F](http://mpi.oras.com/3803F)

## 3838F , 3838BF , 3838F-33

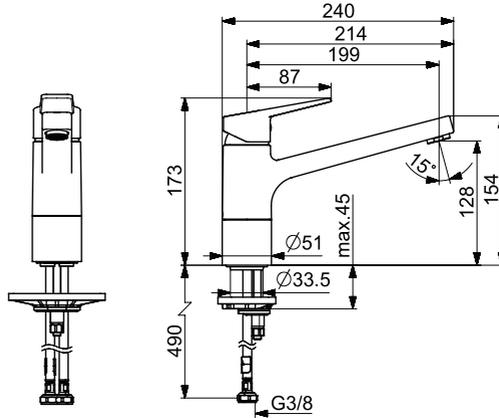
EN 817  
100 - 1000 kPa  
0.2 l/s (300 kPa)  
max. +90°C



[mpi.oras.com/3838F](http://mpi.oras.com/3838F)

## 3820F

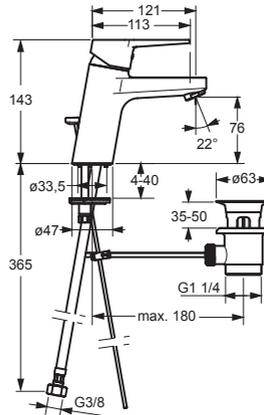
P-IX 28418/IA  
 EN 817  
 100 - 1000 kPa  
 0.2 l/s (300 kPa)  
 max. +90°C



[mpi.oras.com/3820F](http://mpi.oras.com/3820F)

## 3804F , 3804BF

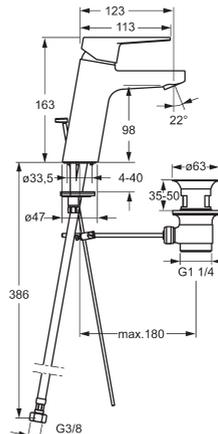
P-IX 18545/IA  
 EN 817  
 100 - 1000 kPa  
 0.1 l/s (300 kPa w/Controller)  
 max. +80°C



[mpi.oras.com/3804F](http://mpi.oras.com/3804F)

## 3805F , 3805BF

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

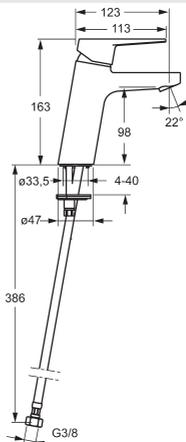


[mpi.oras.com/3805F](http://mpi.oras.com/3805F)



## 3806F , 3806BF

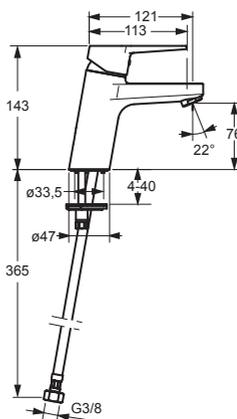
P-IX 18545/IA  
EN 817  
100 - 1000 kPa  
0.1 l/s (300 kPa w/Controller)  
max. +80°C



[mpi.oras.com/3806F](http://mpi.oras.com/3806F)

## 3810F , 3810F-33 , 3810BF

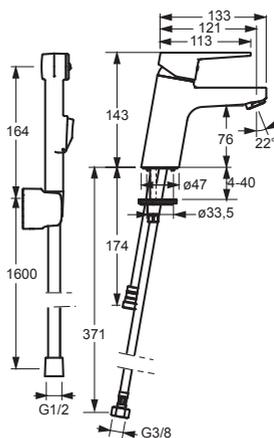
P-IX 18545/IA  
EN 817  
100 - 1000 kPa  
0.1 l/s (300 kPa w/Controller)  
max. +80°C



[mpi.oras.com/3810F](http://mpi.oras.com/3810F)

## 3812F , 3812BF

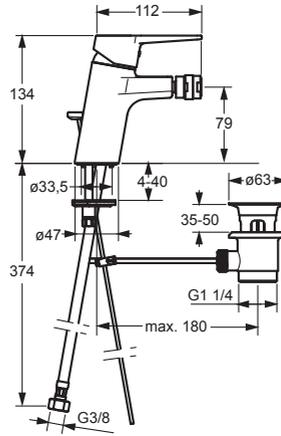
EN 817  
100 - 1000 kPa  
0.1 l/s (300 kPa w/Controller)  
max. +80°C



[mpi.oras.com/3812F](http://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

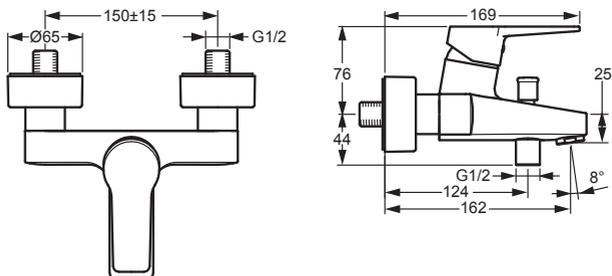


[mpi.oras.com/3818F](http://mpi.oras.com/3818F)



## 3840U , 3840BU

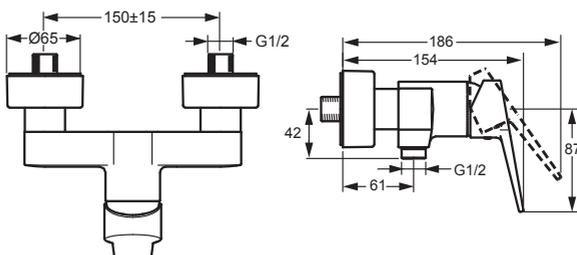
PA-IX 18543/ICB  
EN 817  
100 - 1000 kPa  
0.33 l/s (300 kPa)  
max. +90°C



[mpi.oras.com/3840U](http://mpi.oras.com/3840U)

## 3860U , 3860BU

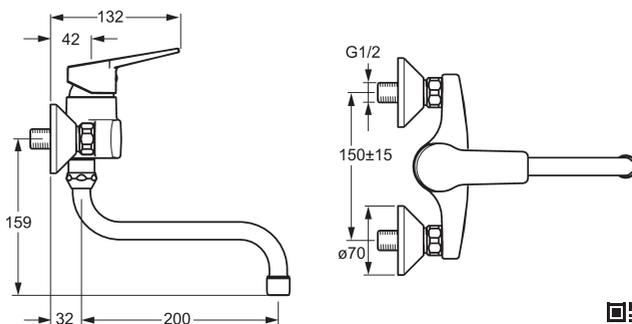
PA-IX 19624/IB  
EN 817  
100 - 1000 kPa  
0.28 l/s (300 kPa)  
max. +90°C



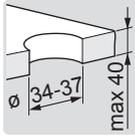
[mpi.oras.com/3860U](http://mpi.oras.com/3860U)

## 3836U , 3836BU

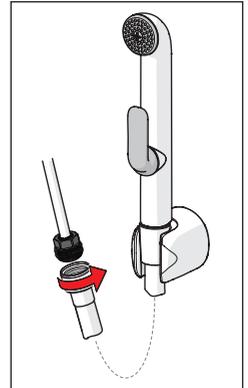
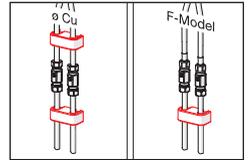
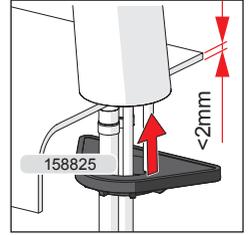
PA-IX 28484/IA  
EN 817  
100 - 1000 kPa  
0.22 l/s (300 kPa)  
max. +90°C



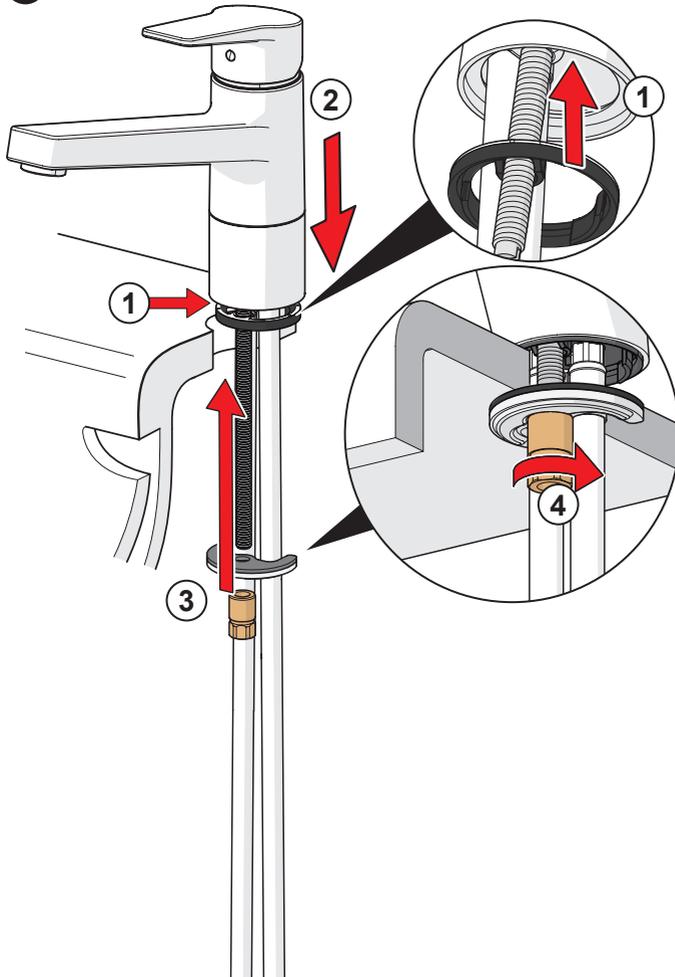
[mpi.oras.com/3836U](http://mpi.oras.com/3836U)



max.  
1600 kPa



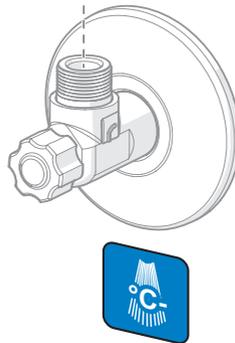
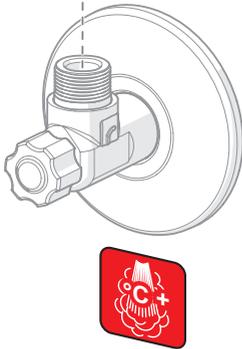
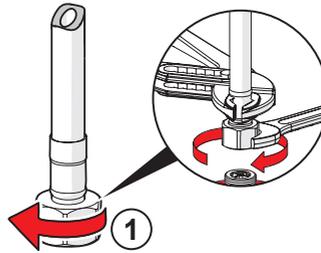
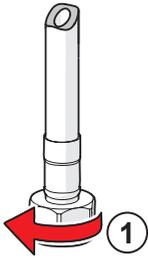
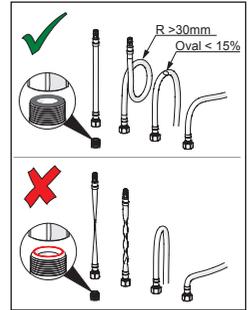
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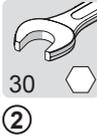




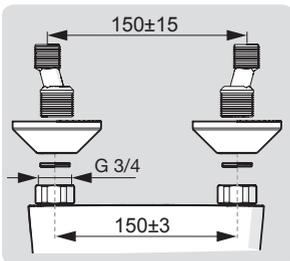
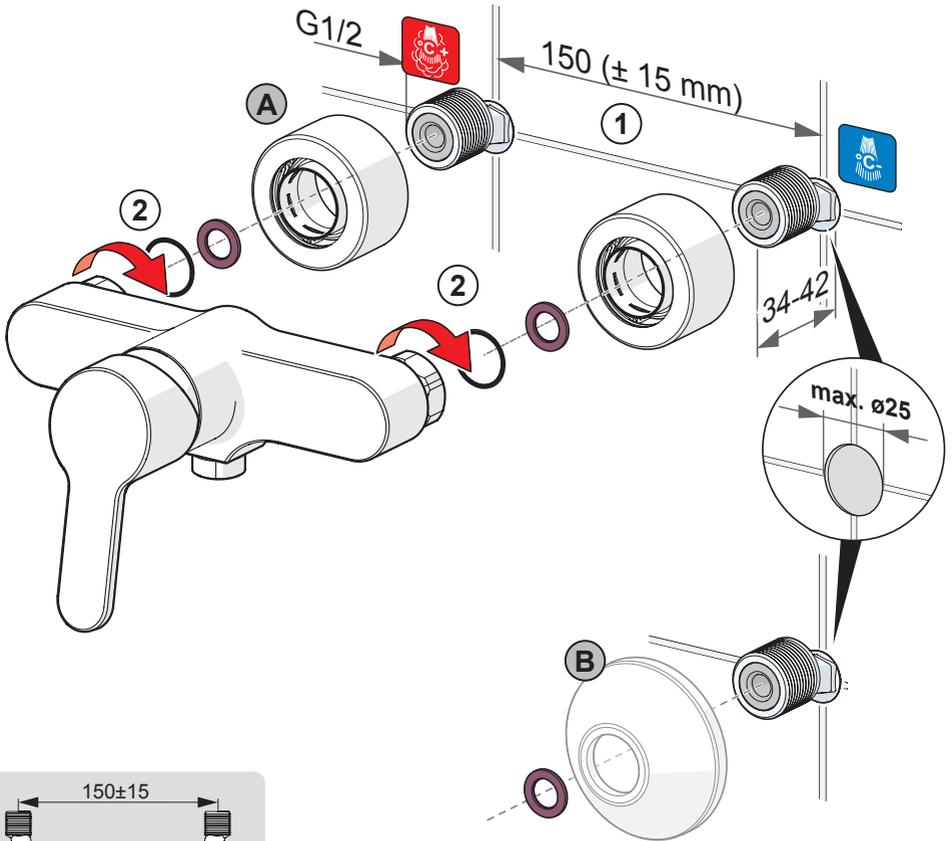
①

②



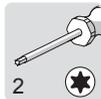
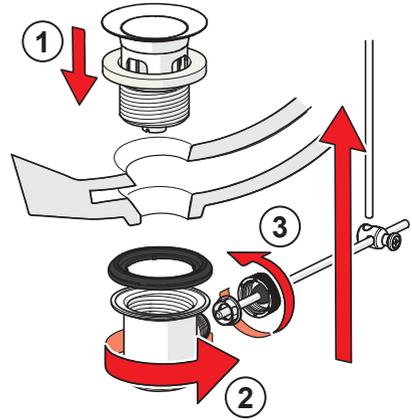
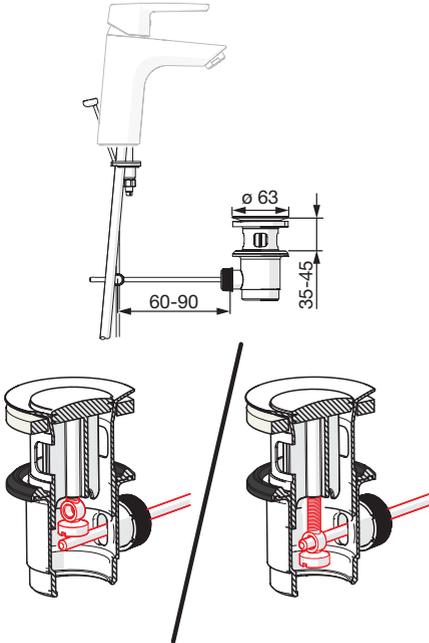


max.  
1600 kPa

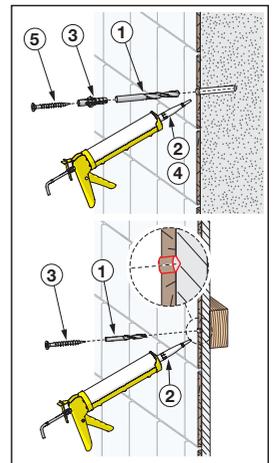
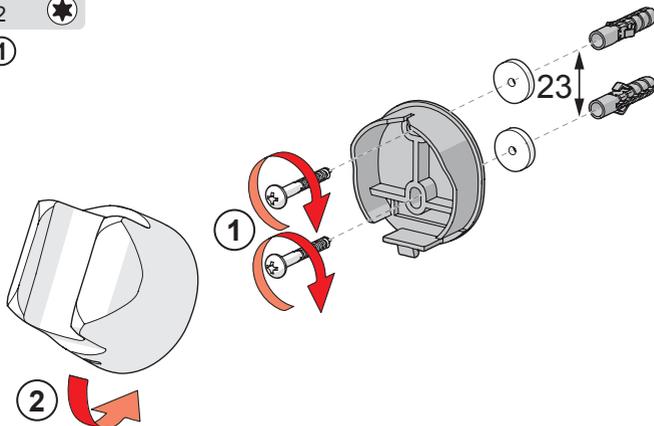


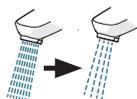
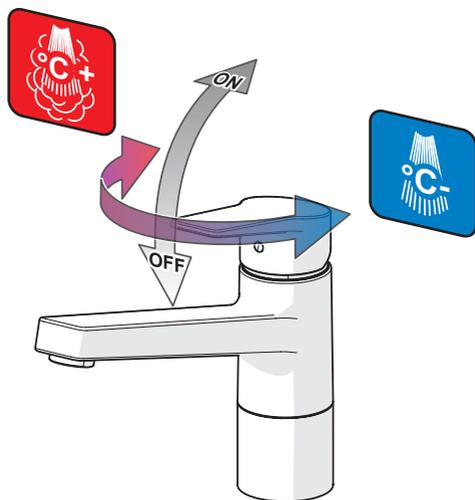


① ② ③

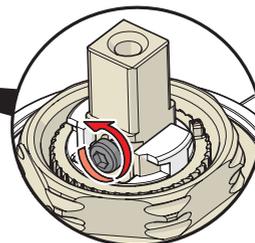
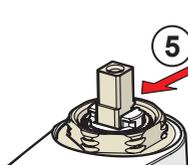
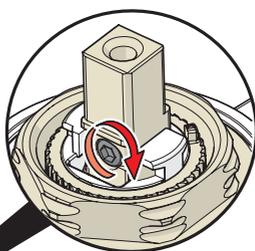
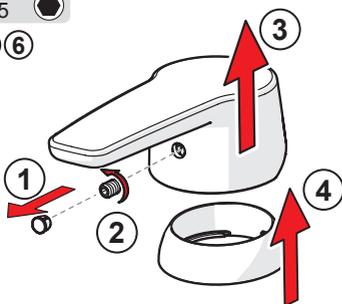


①





2.5  
② ⑥

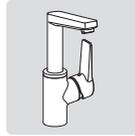




②



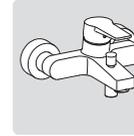
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Ⓐ



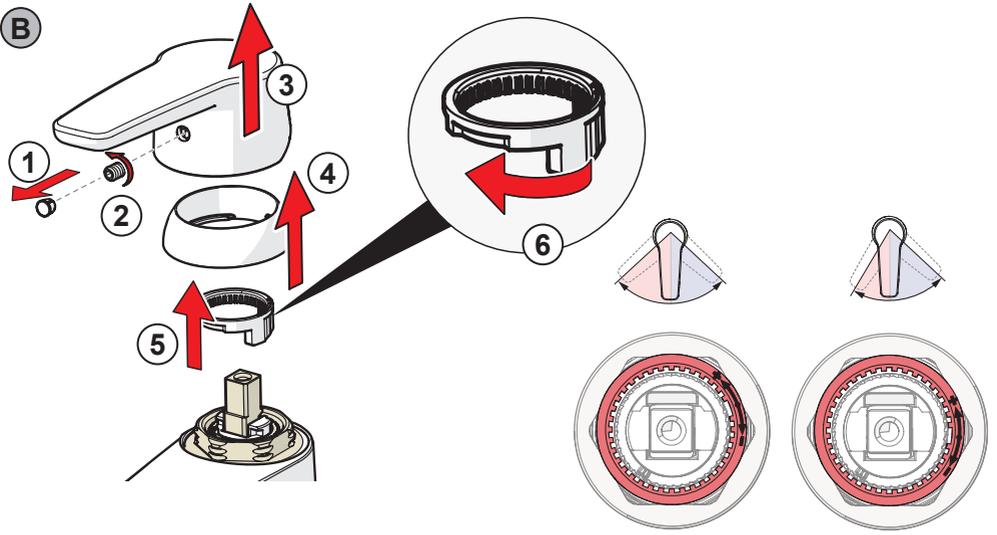
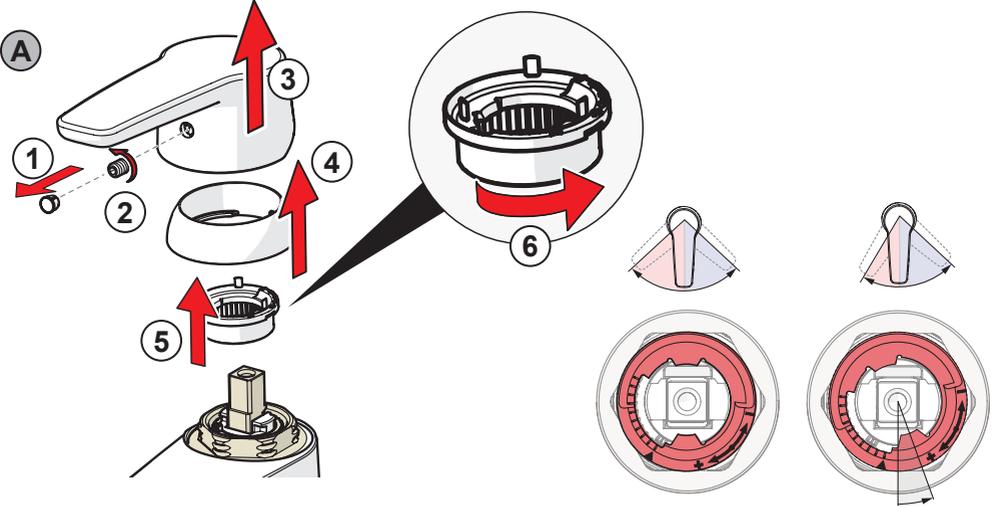
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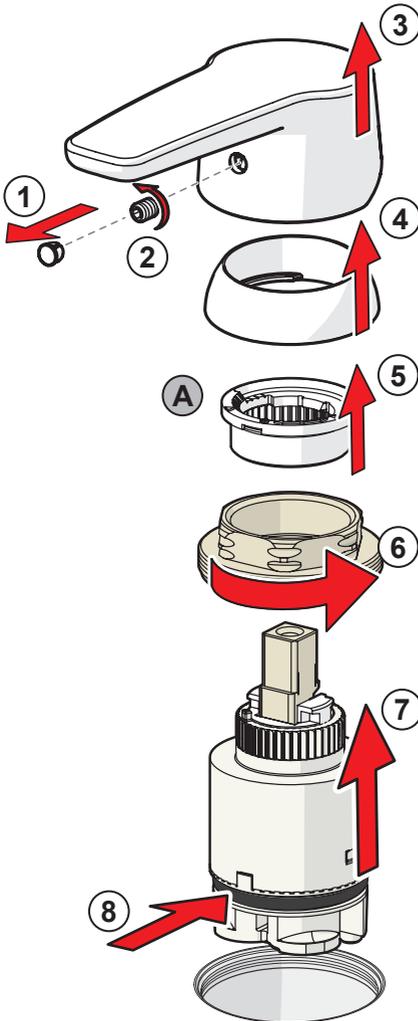
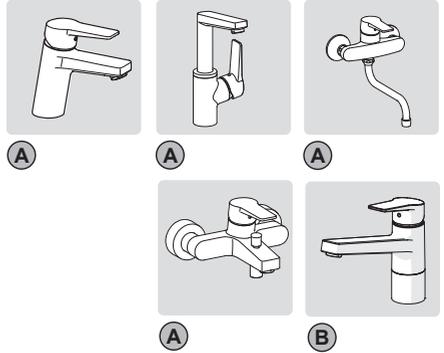
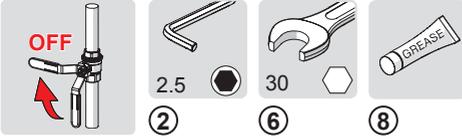


Ⓐ



Ⓑ







A1



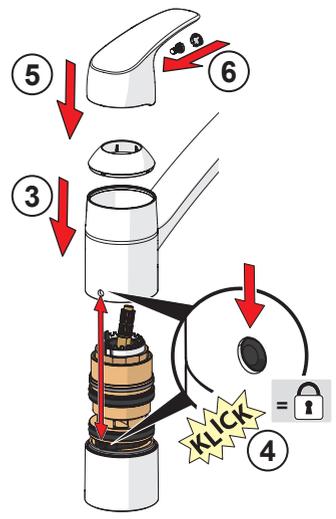
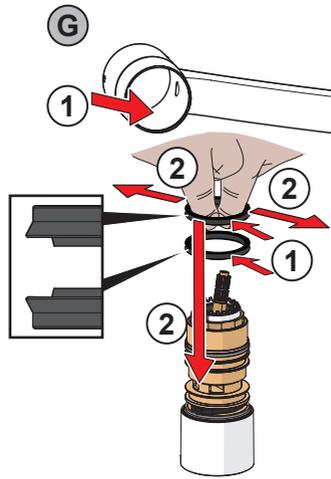
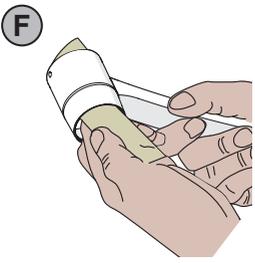
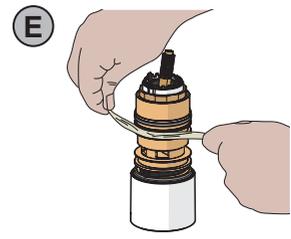
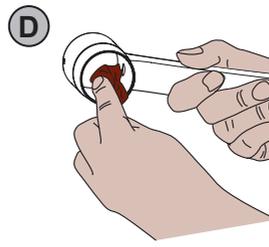
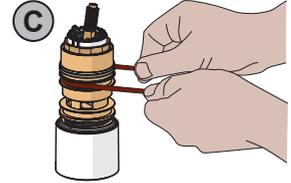
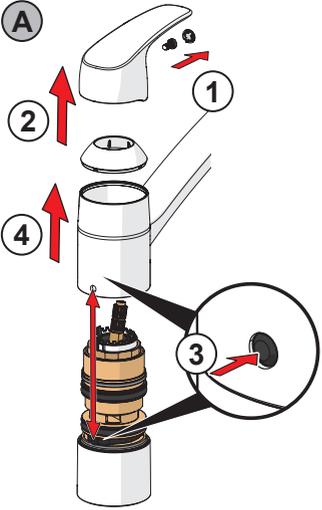
G1



G2



G6





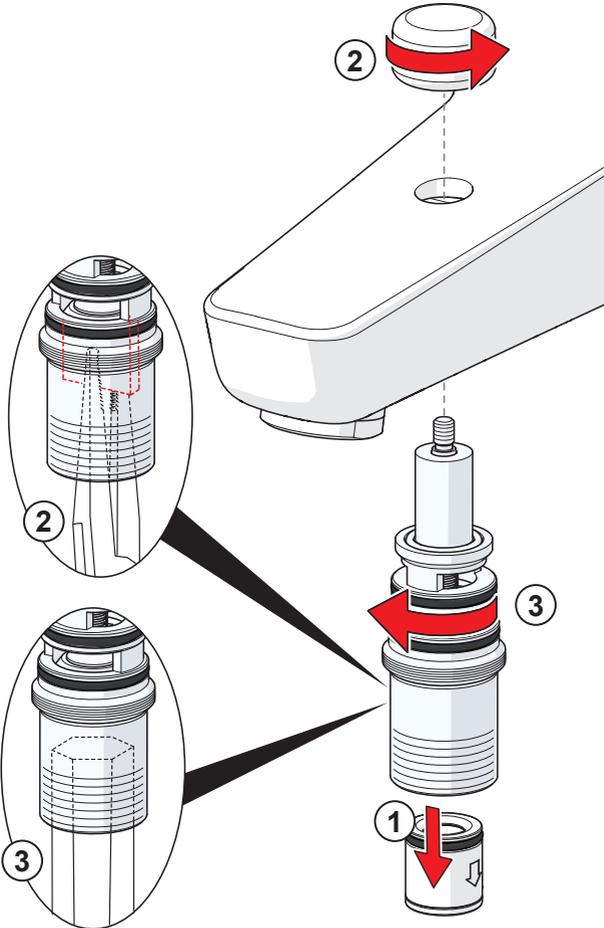
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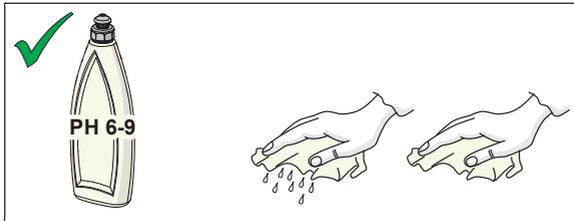
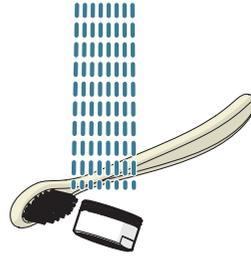
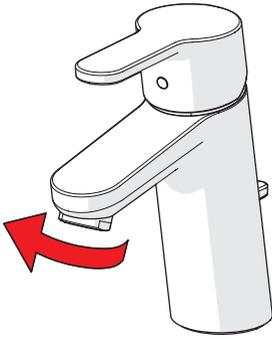


③



③





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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.

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943374-08-20