



Oras Safira

Installation and maintenance guide





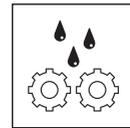
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14-18



18



19-25

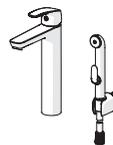
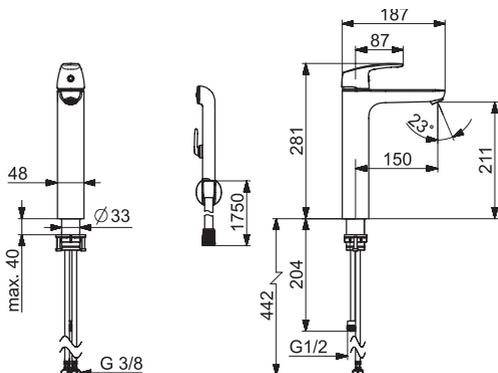


26



1002F, 1002F-33

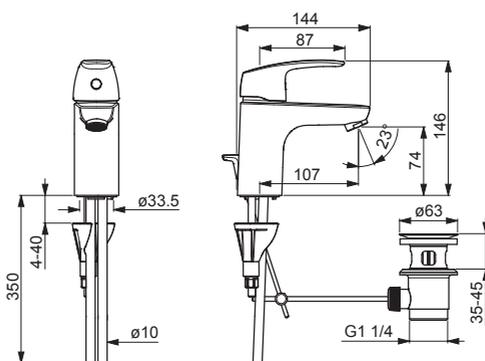
I (ISO 3822)
 EN 817
 50 - 1000 kPa
 0.2 l/s (300 kPa)
 75 kPa (0.1 l/s)
 max. +80°C



mpi.oras.com/1002F

1004

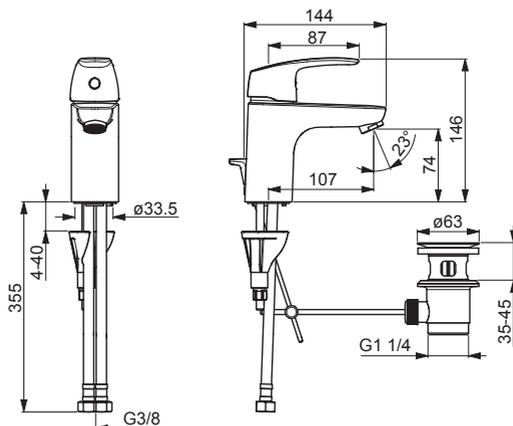
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 75 kPa (0.1 l/s)
 max. +80°C



mpi.oras.com/1004

1004F

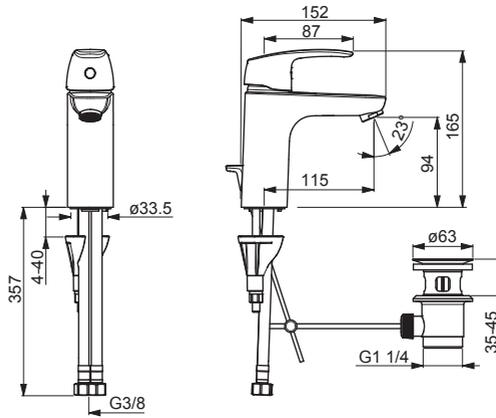
I (ISO 3822) Oras lab.
 EN 817
 50 - 1000 kPa
 0.18 l/s (300 kPa)
 95 kPa (0.1 l/s)
 max. +80°C



mpi.oras.com/1004F

1005F

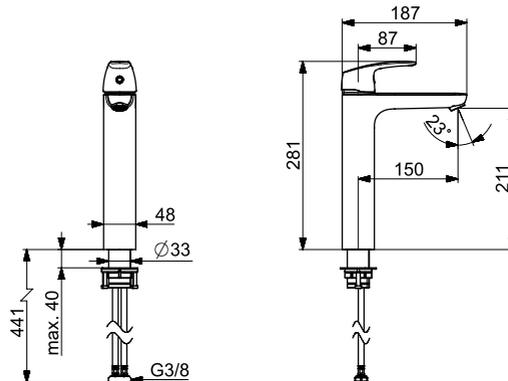
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 0.18 l/s (300 kPa)
 95 kPa (0.1 l/s)
 max. +80°C



mpi.oras.com/1005F

1006F, 1006F-33

I (ISO 3822)
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 50 - 1000 kPa
 0.18 l/s (300 kPa)
 95 kPa (0.1 l/s)
 max. +80°C

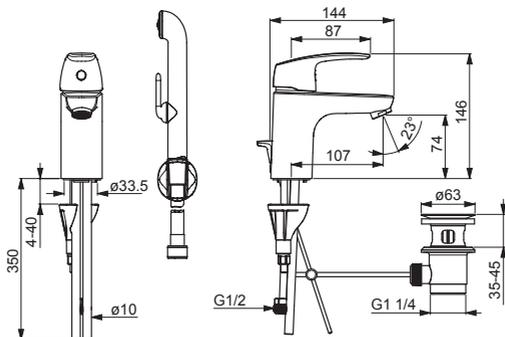


mpi.oras.com/1006F



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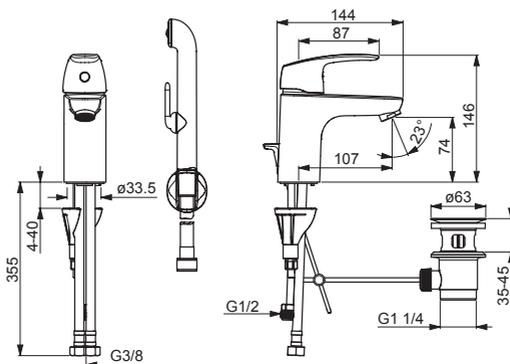
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0.15 l/s (300 kPa)
130 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1008

1008F

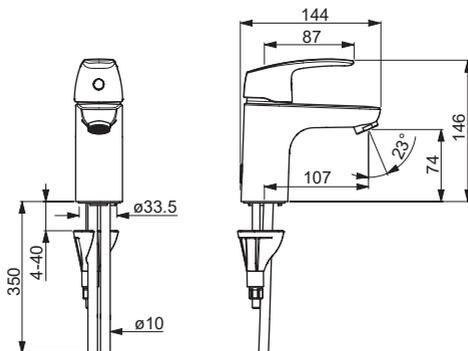
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EN 817
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0.13 l/s (300 kPa)
160 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1008F

1010

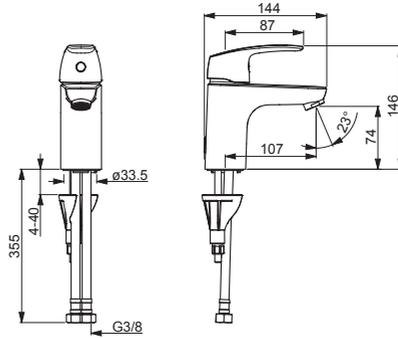
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EN 817
50 - 1000 kPa
0.2 l/s (300 kPa)
75 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1010

1010F , 1010F-104 , 1010F-105

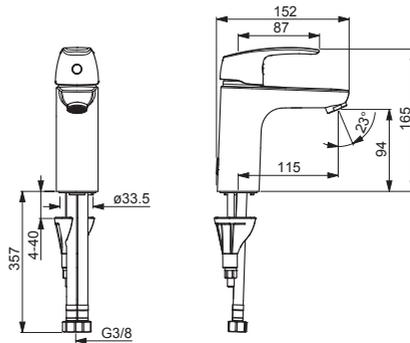
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 EN 817
 50 - 1000 kPa
 0.18 l/s (300 kPa)
 0.056 l/s (300 kPa w/Controller) 1010F-104
 0.07 l/s (300 kPa w/Controller) 1010F-105
 95 kPa (0.1 l/s)
 max. +80°C



mpi.oras.com/1010F

1011F

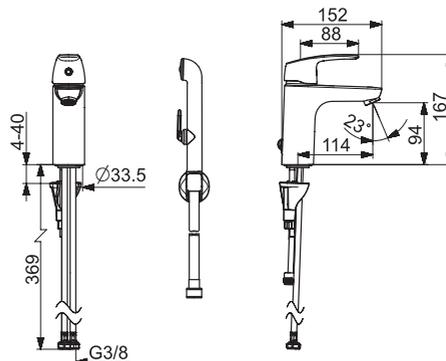
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 EN 817
 50 - 1000 kPa
 0.18 l/s (300 kPa)
 95 kPa (0.1 l/s)
 max. +80°C



mpi.oras.com/1011F

1001F

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 EN 817
 50 - 1000 kPa
 0.13 l/s (300 kPa)
 160 kPa (0.1 l/s)
 max. +80°C

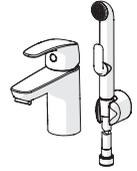
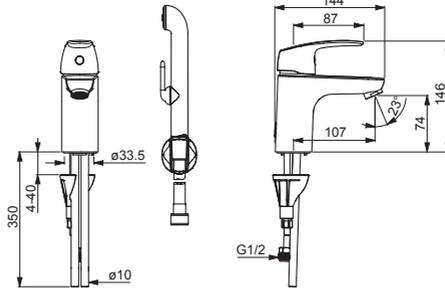


mpi.oras.com/1001F



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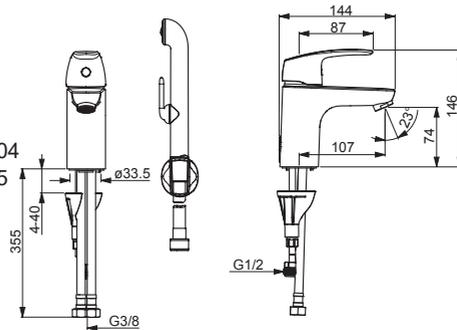
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 EN 817
 50 - 1000 kPa
 0.15 l/s (300 kPa)
 130 kPa (0.1 l/s)
 max. +80°C



mpi.oras.com/1012

1012F , 1012F-104 , 1012F-105

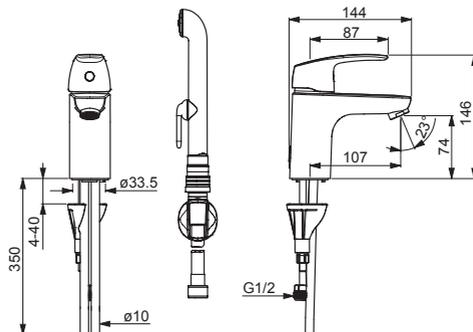
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 EN 817
 50 - 1000 kPa
 0.13 l/s (300 kPa)
 0.056 l/s (300 kPa w/Controller) 1012F-104
 0.07 l/s (300 kPa w/Controller) 1012F-105
 160 kPa (0.1 l/s)
 max. +80°C



mpi.oras.com/1012F

1012M

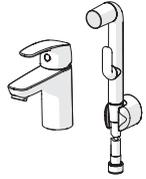
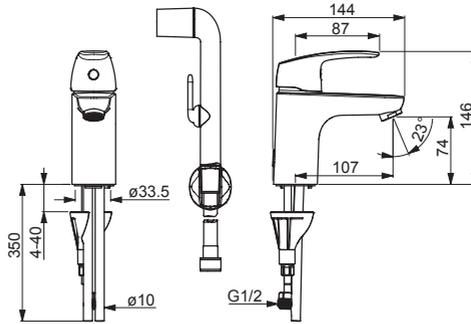
I (ISO 3822) Oras lab.
 EN 817
 50 - 1000 kPa
 0.15 l/s (300 kPa)
 130 kPa (0.1 l/s)
 max. +80°C



mpi.oras.com/1012M

1017

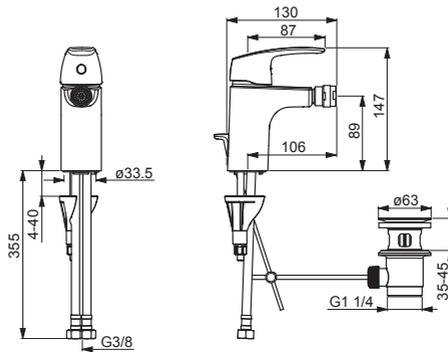
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 EN 817
 50 - 1000 kPa
 0.15 l/s (300 kPa)
 130 kPa (0.1 l/s)
 max. +80°C



mpi.oras.com/1017

1018F

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

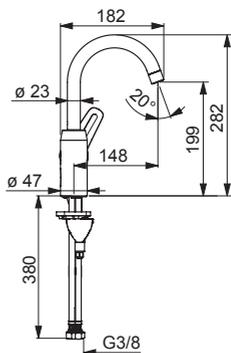
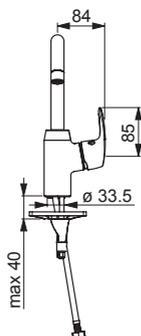


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1007F

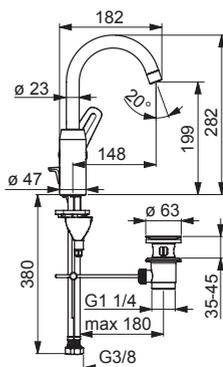
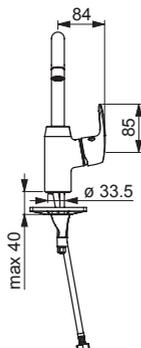
I (ISO 3822)
EN 817
50 - 1000 kPa
0.17 l/s (300 kPa)
100 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1007F

1009F

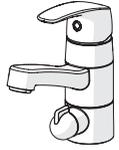
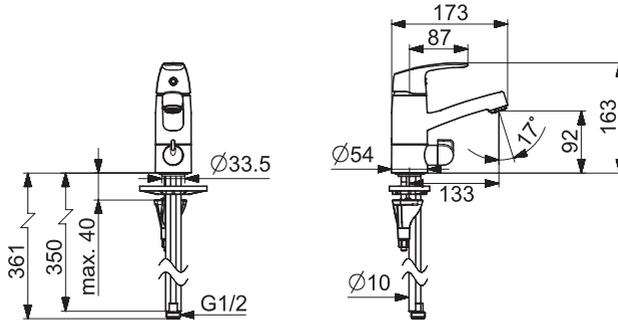
I (ISO 3822) Oras lab.
EN 817
50 - 1000 kPa
0.17 l/s (300 kPa)
100 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1009F

1013

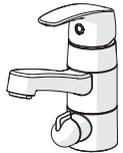
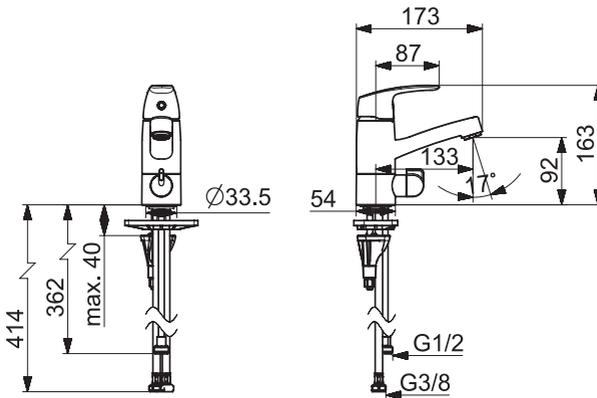
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 EN 817
 50 - 1000 kPa
 0.2 l/s (300 kPa)
 75 kPa (0.1 l/s)
 max. +80°C



mpi.oras.com/1013

1013F

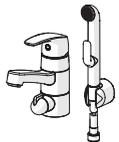
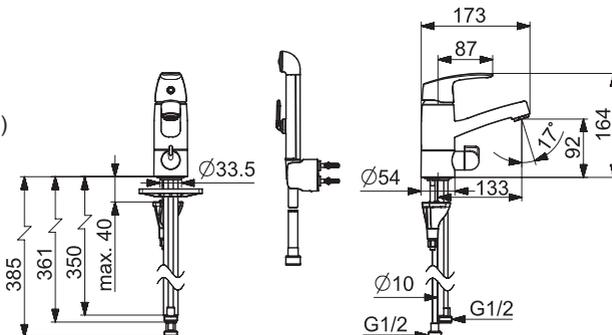
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 EN 817
 50 - 1000 kPa
 0.19 l/s (300 kPa)
 90 kPa (0.2 l/s)
 max. +80°C



mpi.oras.com/1013F

1014

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

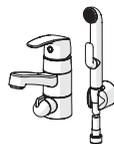
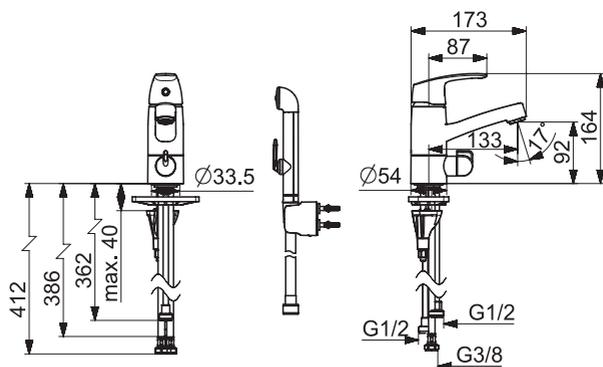


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1014F

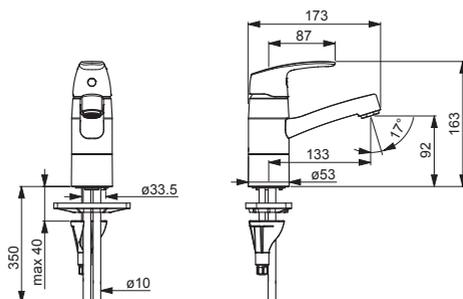
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EN 817
50 - 1000 kPa
0.14 l/s (300 kPa)
160 kPa (0.2 l/s)
max. +80°C



mpi.oras.com/1014F

1015

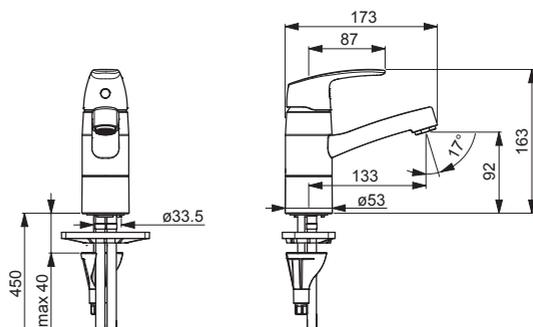
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EN 817
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0.2 l/s (300 kPa)
75 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1015

1015F

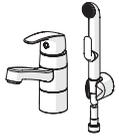
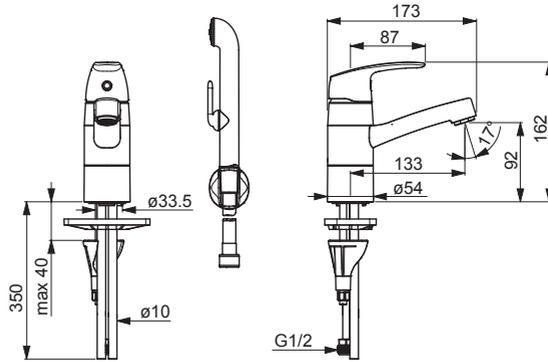
I (ISO 3822) Oras lab.
EN 817
50 - 1000 kPa
0.18 l/s (300 kPa)
95 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1015F

1021

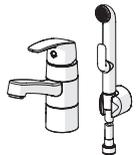
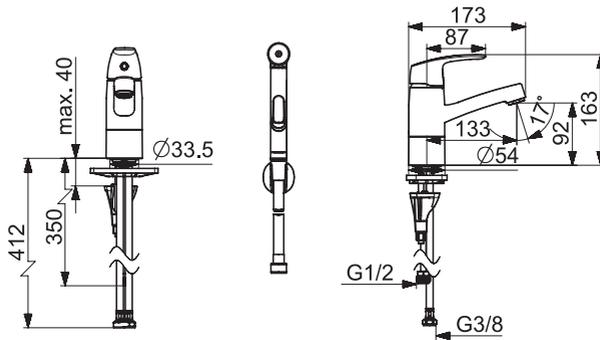
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 0.15 l/s (300 kPa)
 130 kPa (0.1 l/s)
 max. +80°C



mpi.oras.com/1021

1021F

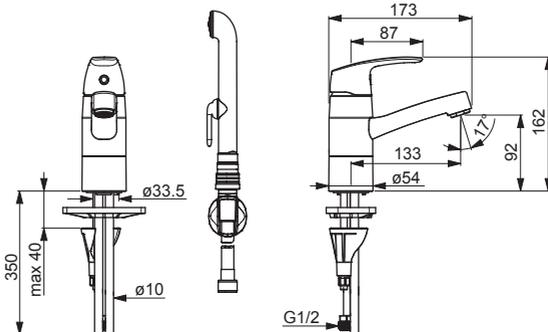
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 max. +80°C



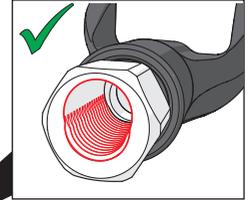
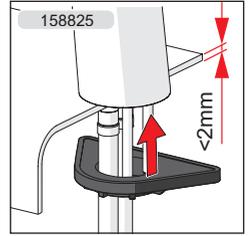
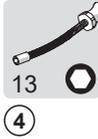
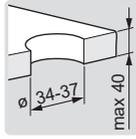
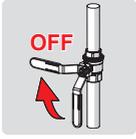
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1021M

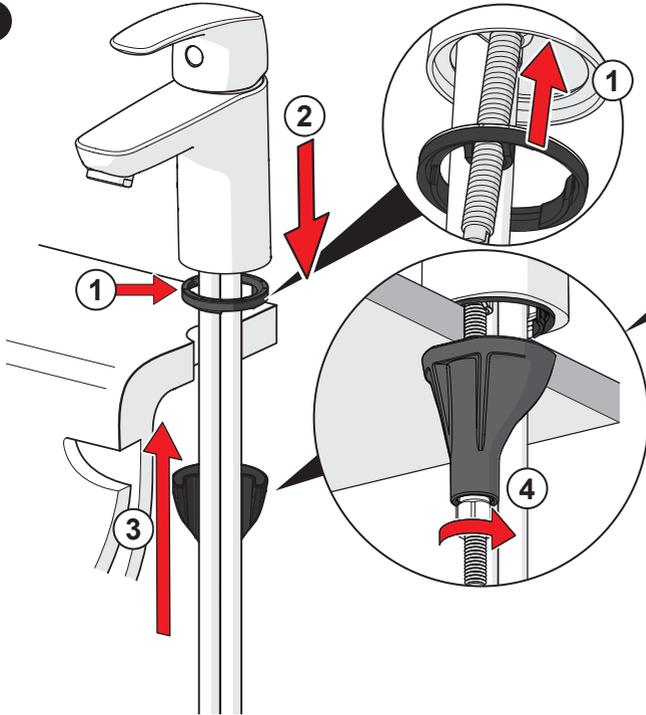
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 50 - 1000 kPa
 0.15 l/s (300 kPa)
 130 kPa (0.1 l/s)
 max. +80°C

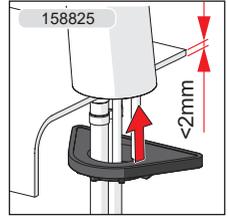
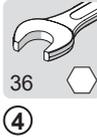
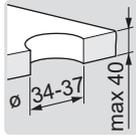


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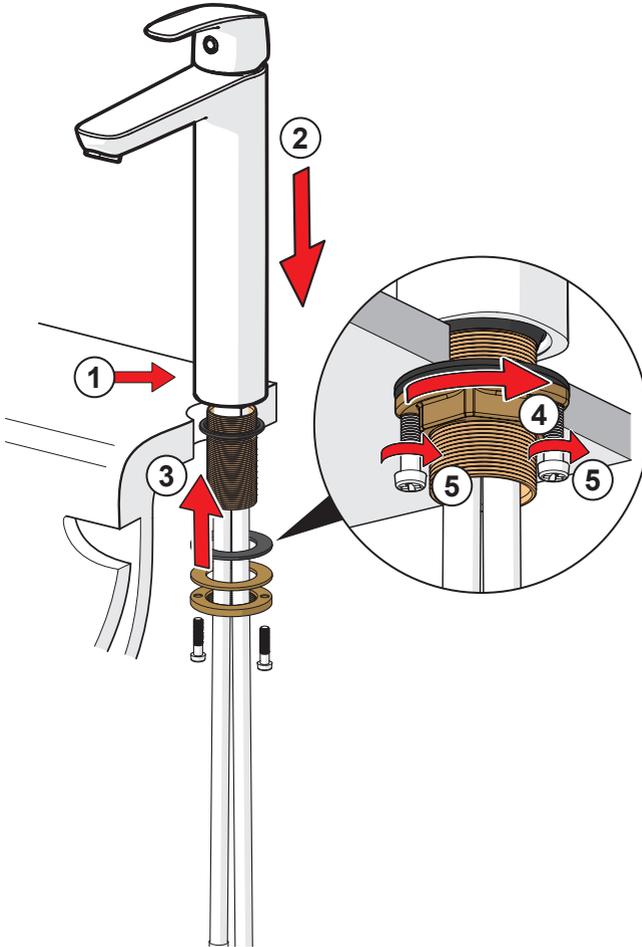


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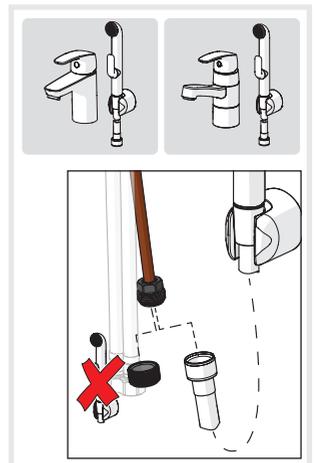
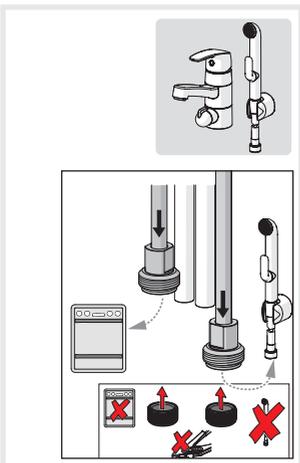
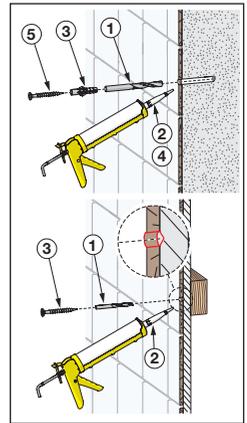
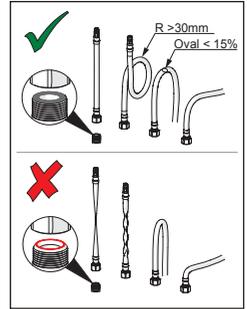
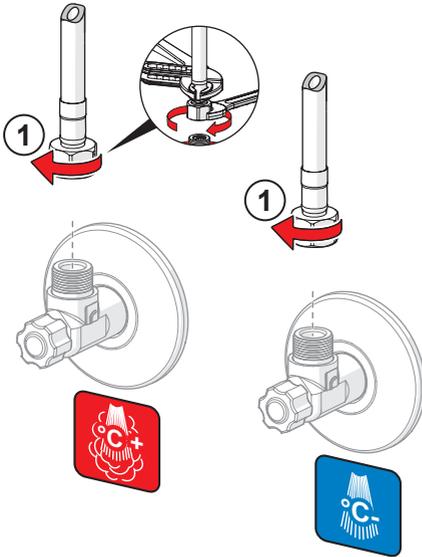
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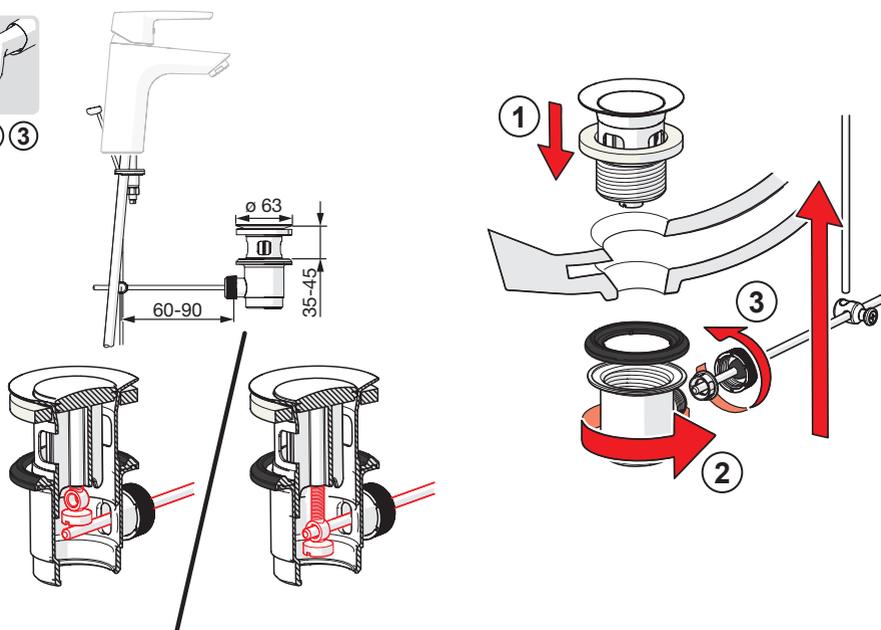
①

max.
1600 kPa



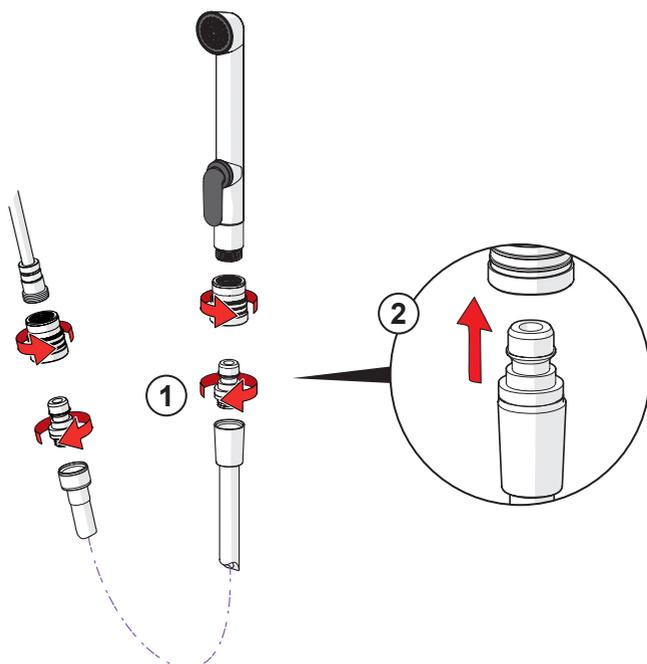


① ② ③



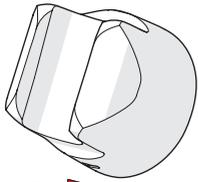
① ②

② 1012M, 1021M

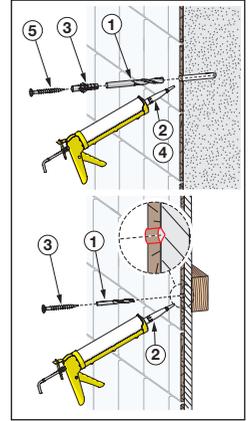
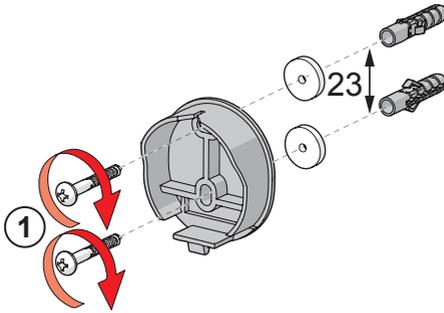




1



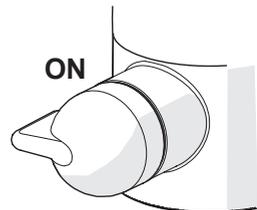
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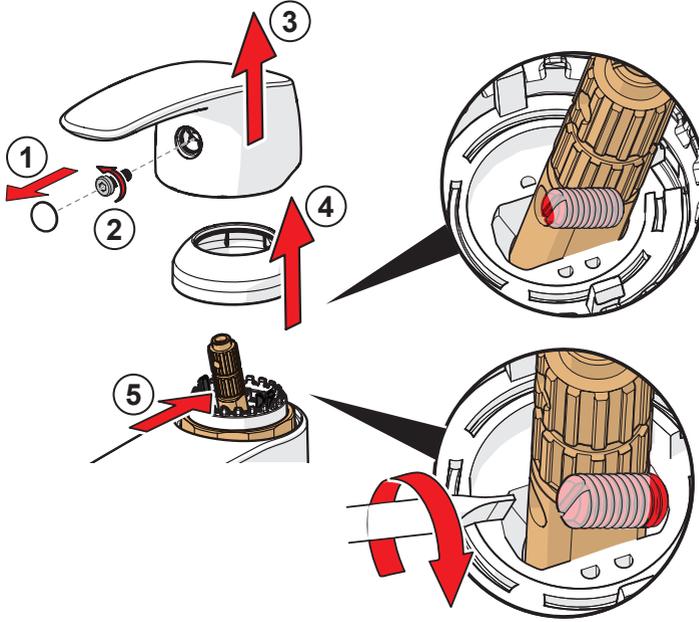
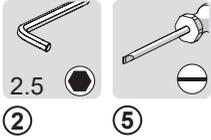
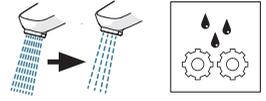


OFF



ON





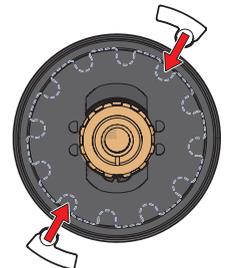
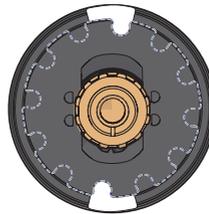
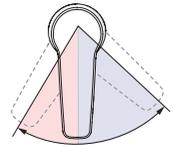
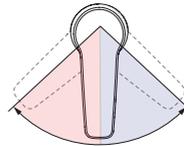
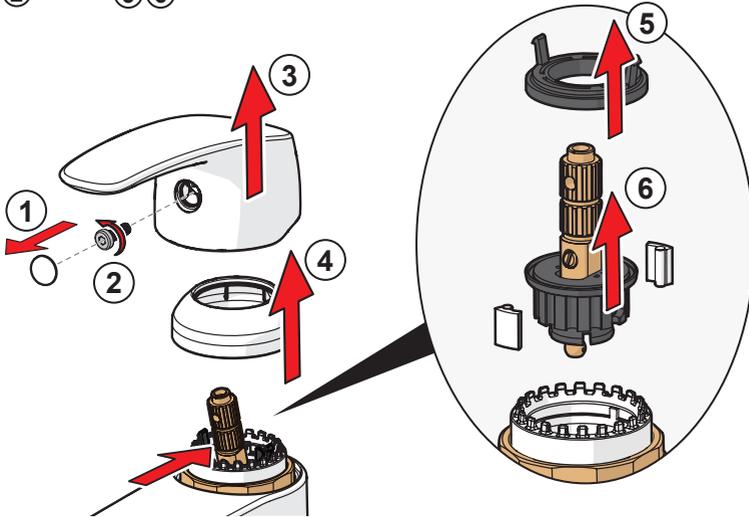


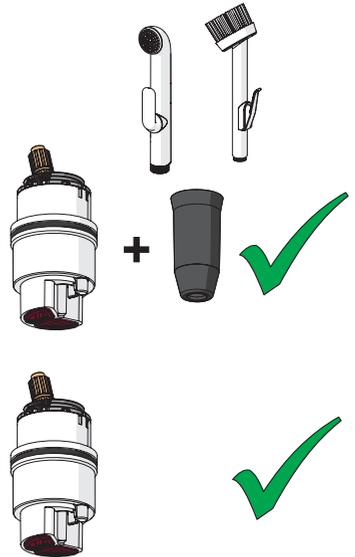
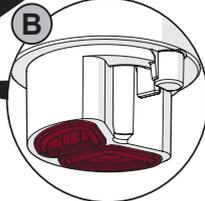
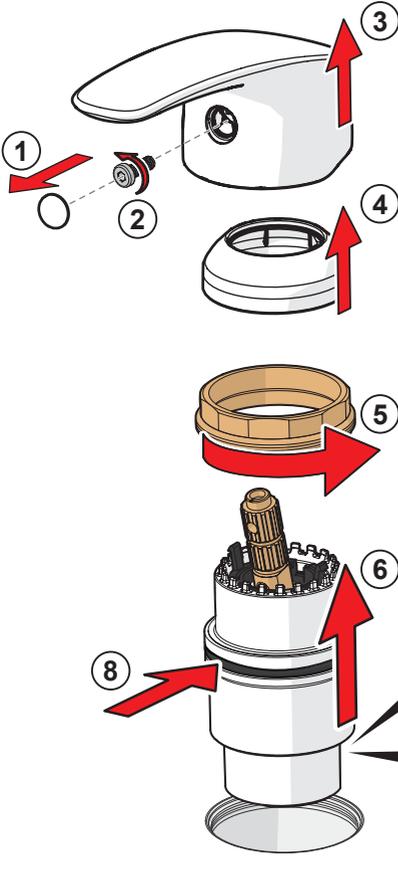
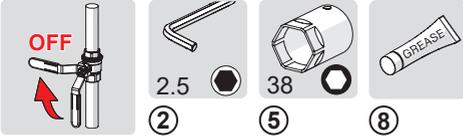
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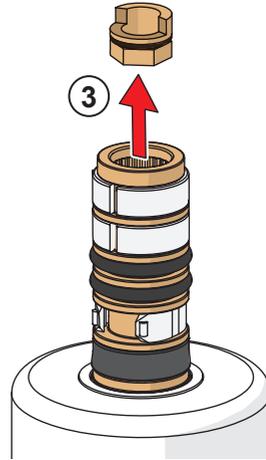
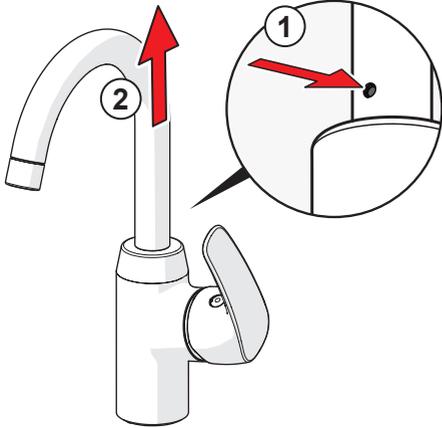
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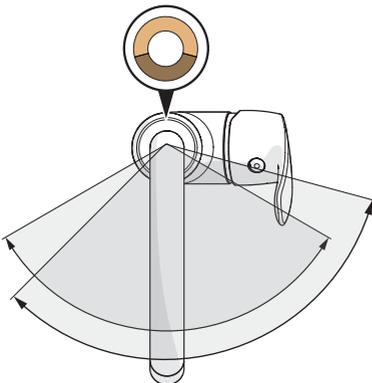
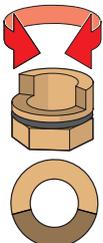




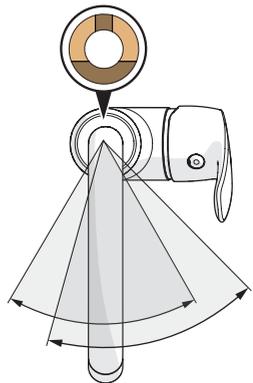
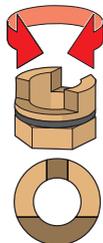
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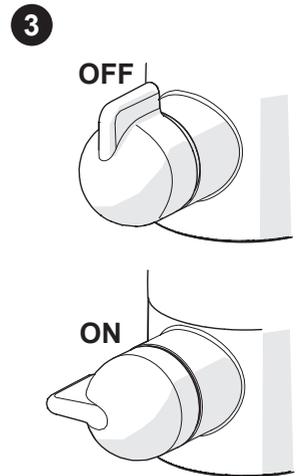
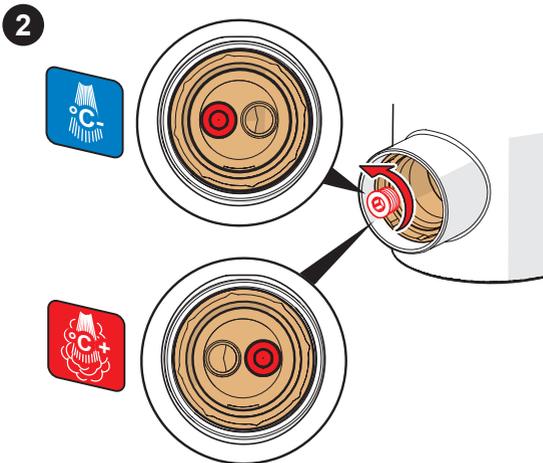
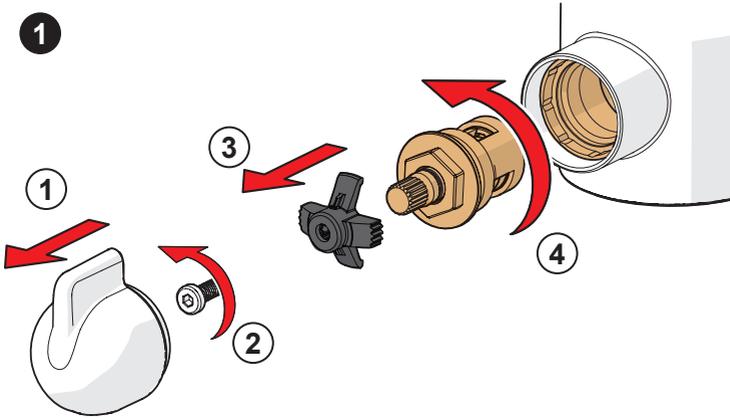
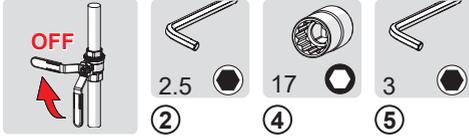


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2.5

A1



G1

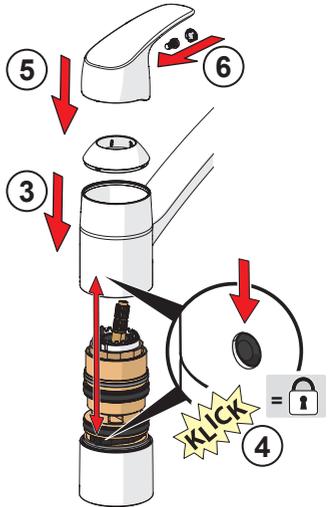
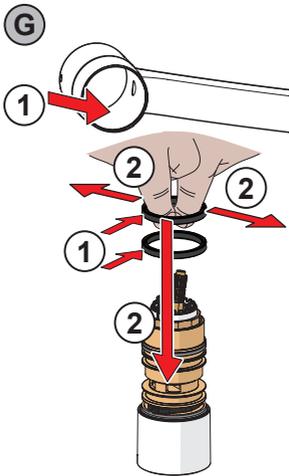
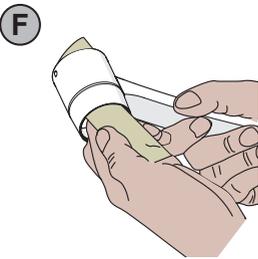
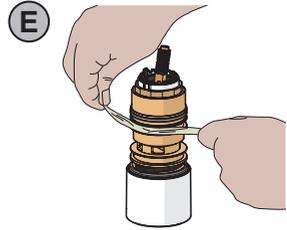
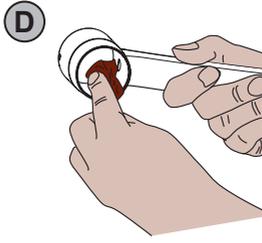
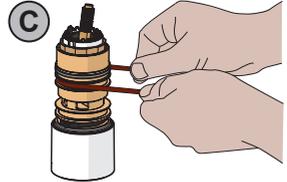
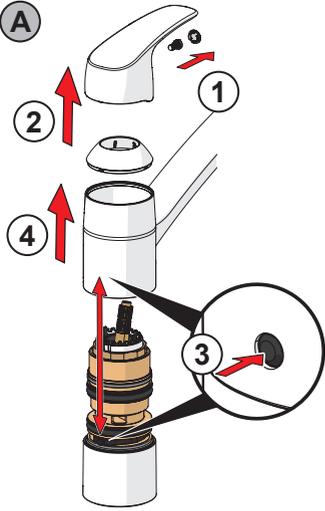


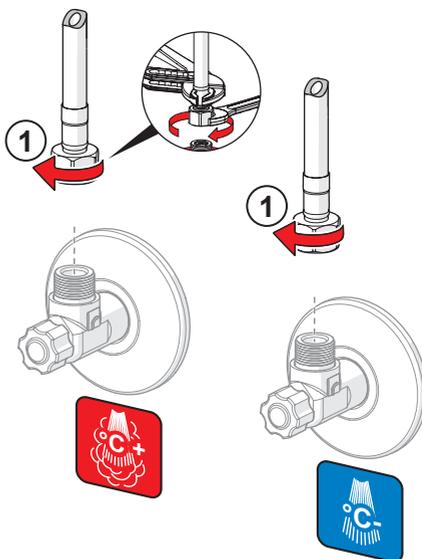
G2



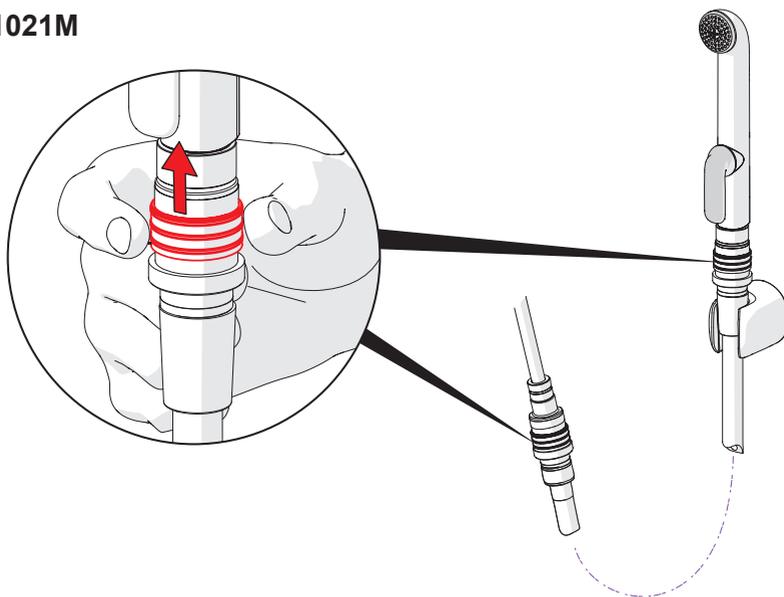
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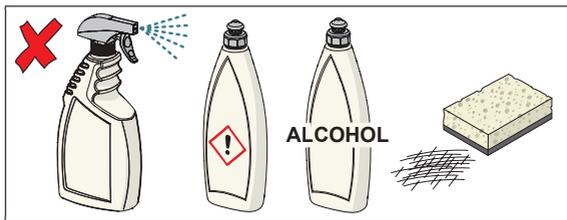
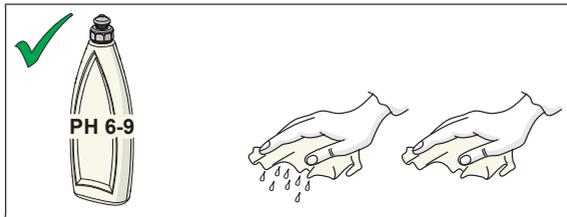
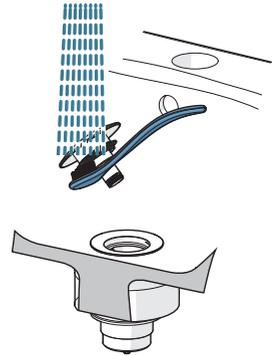
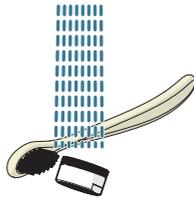
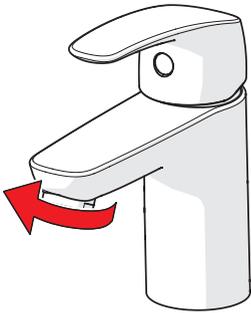
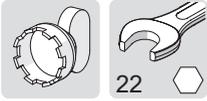
G6





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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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