



Oras Safira

Installation and maintenance guide





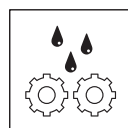
4-13



14-18



18



19-25

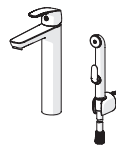
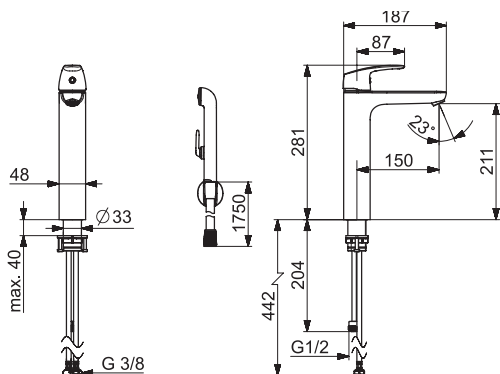


26



1002F, 1002F-33

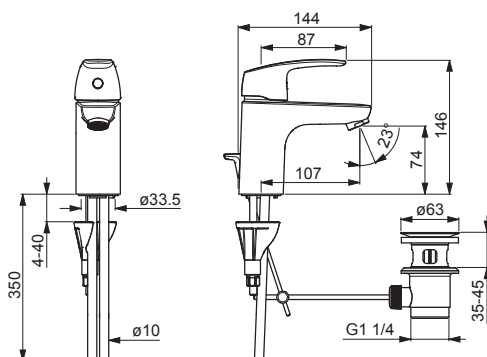
I (ISO 3822)
EN 817
50 - 1000 kPa
0.2 l/s (300 kPa)
75 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1002F

1004

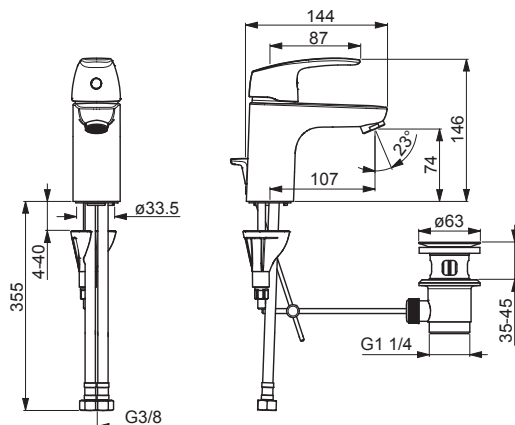
I (ISO 3822)
EN 817
50 - 1000 kPa
0.2 l/s (300 kPa)
75 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1004

1004F

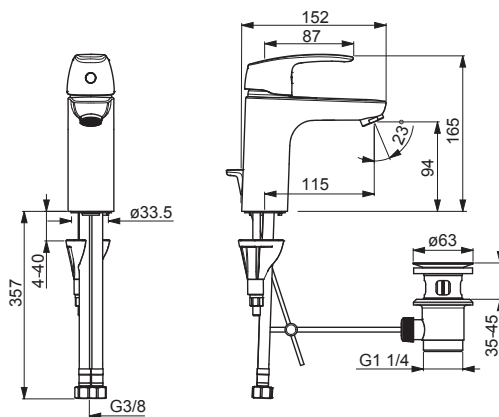
I (ISO 3822) Oras lab.
EN 817
50 - 1000 kPa
0.18 l/s (300 kPa)
95 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1004F

1005F

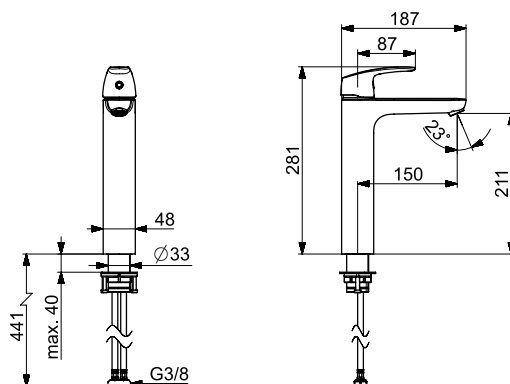
I (ISO 3822)
EN 817
50 - 1000 kPa
0.18 l/s (300 kPa)
95 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1005F

1006F, 1006F-33

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

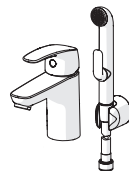
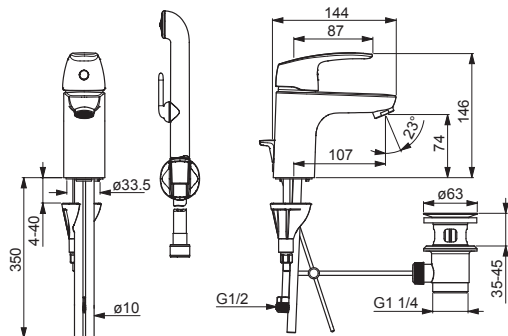


mpi.oras.com/1006F



1008

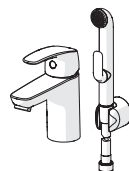
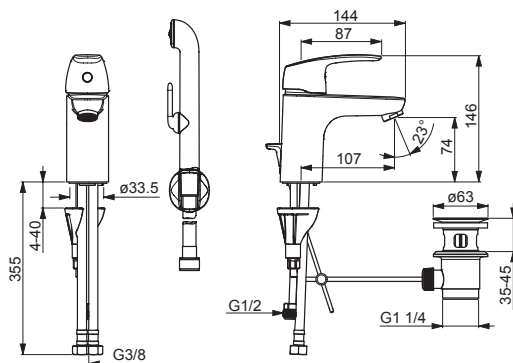
I (ISO 3822)
EN 817
50 - 1000 kPa
0.15 l/s (300 kPa)
130 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1008

1008F

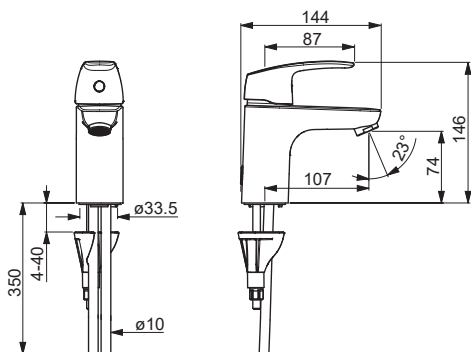
I (ISO 3822) Oras lab.
EN 817
50 - 1000 kPa
0.13 l/s (300 kPa)
160 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1008F

1010

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/1010

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

I (ISO 3822) Oras lab.

EN 817

50 - 1000 kPa

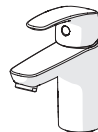
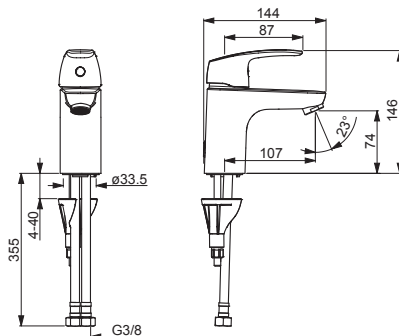
0.18 l/s (300 kPa)

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

I (ISO 3822)

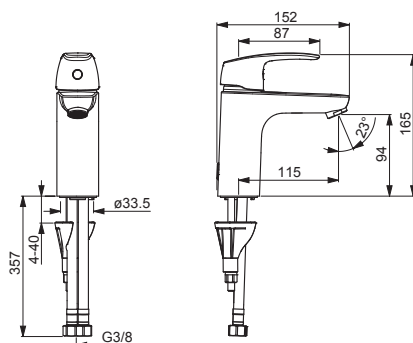
EN 817

50 - 1000 kPa

0.18 l/s (300 kPa)

95 kPa (0.1 l/s)

max. +80°C



mpi.oras.com/1011F

1001F

I (ISO 3822) Oras lab.

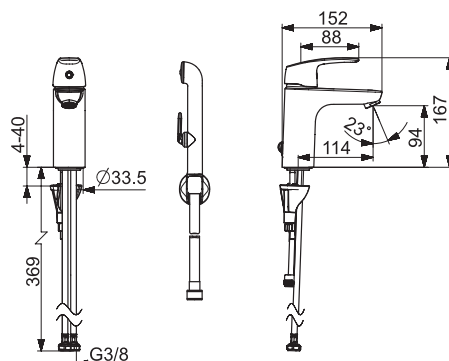
EN 817

50 - 1000 kPa

0.13 l/s (300 kPa)

160 kPa (0.1 l/s)

max. +80°C

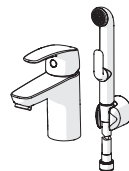
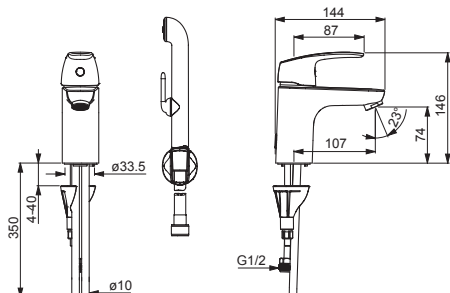


mpi.oras.com/1001F



1012

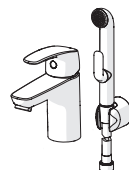
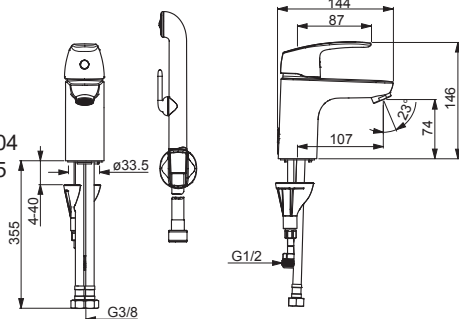
I (ISO 3822)
EN 817
50 - 1000 kPa
0.15 l/s (300 kPa)
130 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1012

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

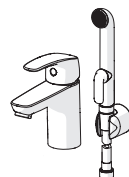
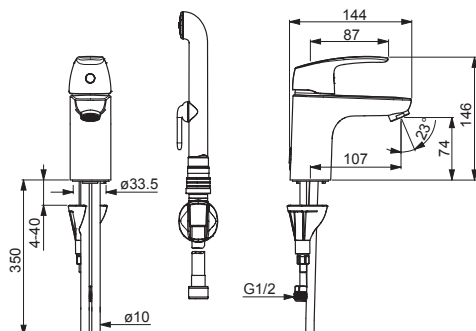
I (ISO 3822) Oras lab.
EN 817
50 - 1000 kPa
0.13 l/s (300 kPa)
0.056 l/s (300 kPa w/Controller) 1012F-104
0.07 l/s (300 kPa w/Controller) 1012F-105
160 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1012F

1012M

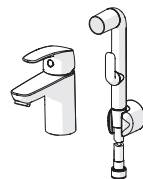
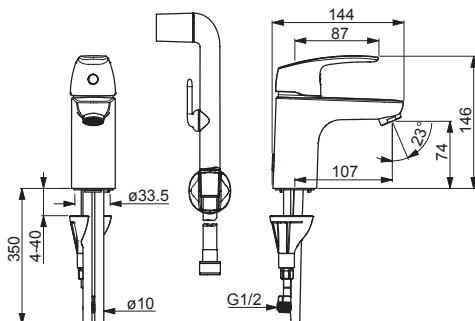
I (ISO 3822) Oras lab.
EN 817
50 - 1000 kPa
0.15 l/s (300 kPa)
130 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1012M

1017

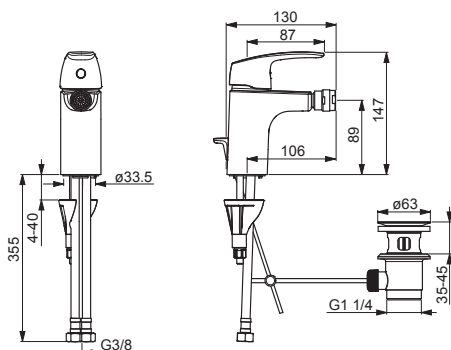
I (ISO 3822)
EN 817
50 - 1000 kPa
0.15 l/s (300 kPa)
130 kPa (0.1 l/s)
max. +80°C



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

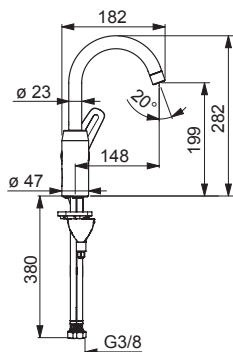
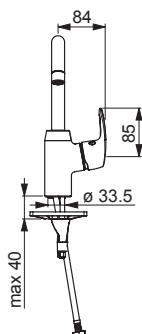


mpi.oras.com/1018F



1007F

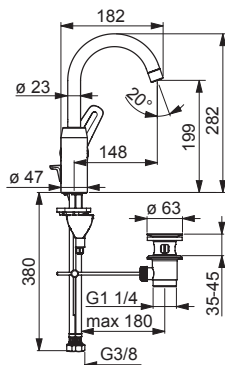
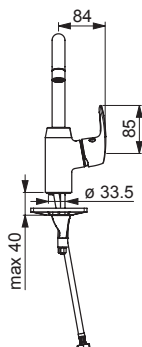
I (ISO 3822)
EN 817
50 - 1000 kPa
0.17 l/s (300 kPa)
100 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1007F

1009F

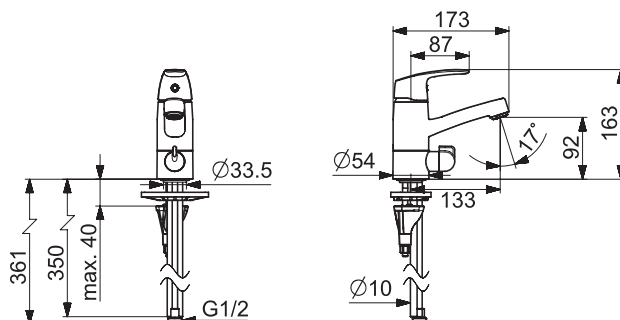
I (ISO 3822) Oras lab.
EN 817
50 - 1000 kPa
0.17 l/s (300 kPa)
100 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1009F

1013

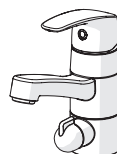
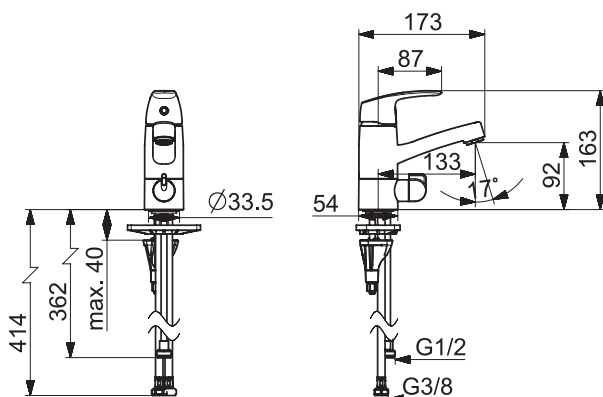
I (ISO 3822)
EN 817
50 - 1000 kPa
0.2 l/s (300 kPa)
75 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1013

1013F

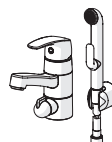
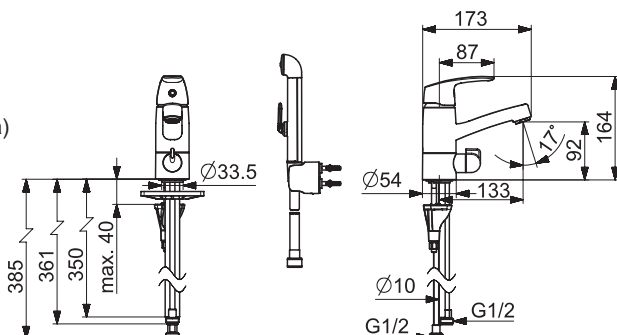
I (ISO 3822)
EN 817
50 - 1000 kPa
0.19 l/s (300 kPa)
90 kPa (0.2 l/s)
max. +80°C



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

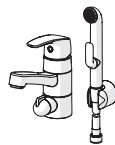
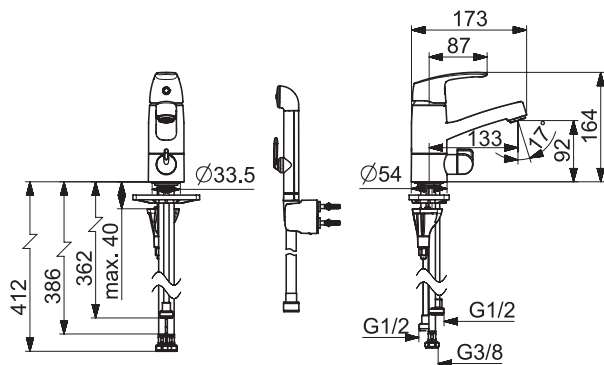


mpi.oras.com/1014



1014F

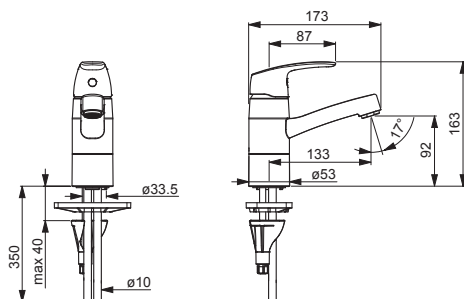
I (ISO 3822)
EN 817
50 - 1000 kPa
0.14 l/s (300 kPa)
160 kPa (0.2 l/s)
max. +80°C



mpi.oras.com/1014F

1015

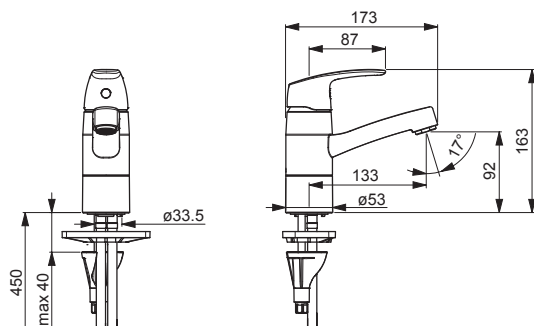
I (ISO 3822)
EN 817
50 - 1000 kPa
0.2 l/s (300 kPa)
75 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1015

1015F

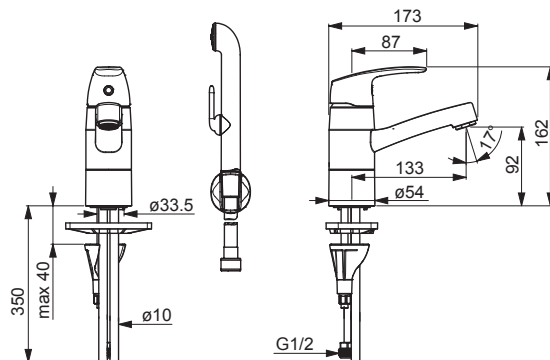
I (ISO 3822) Oras lab.
EN 817
50 - 1000 kPa
0.18 l/s (300 kPa)
95 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1015F

1021

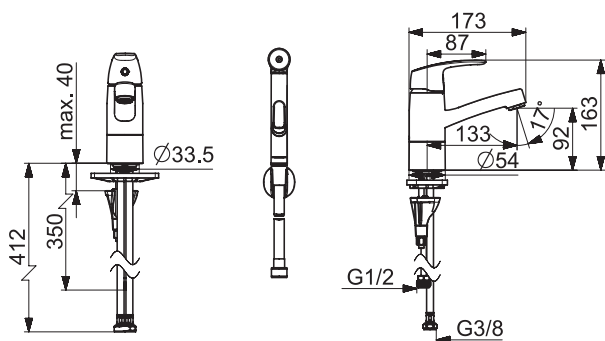
I (ISO 3822)
EN 817
50 - 1000 kPa
0.15 l/s (300 kPa)
130 kPa (0.1 l/s)
max. +80°C



mpi.oras.com/1021

1021F

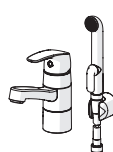
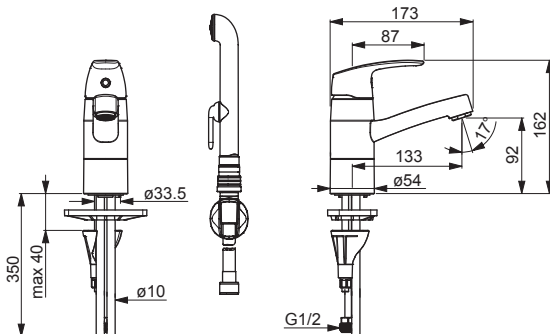
I (ISO 3822)
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50 - 1000 kPa
0.14 l/s (300 kPa)
160 kPa (0.2 l/s)
max. +80°C



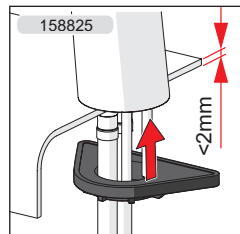
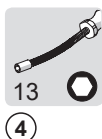
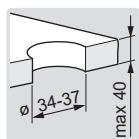
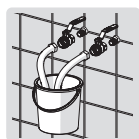
mpi.oras.com/1021F

1021M

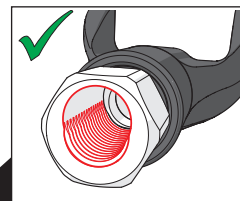
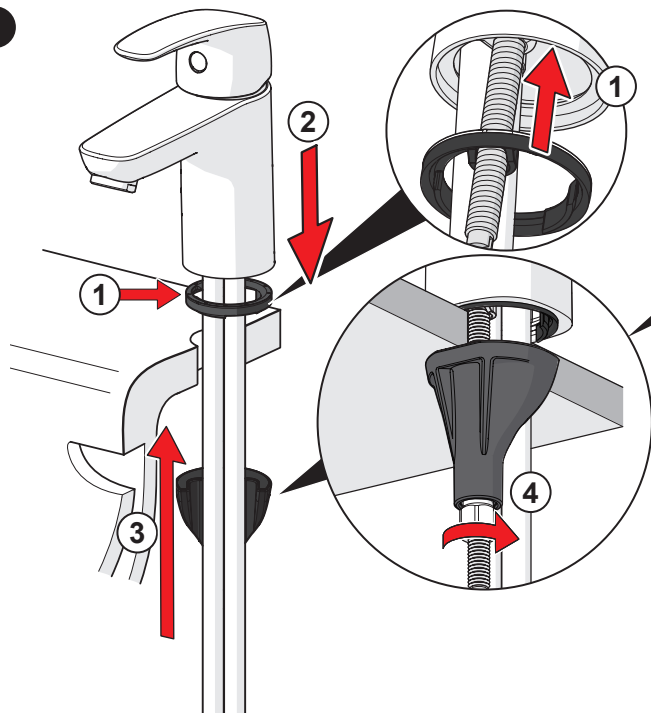
I (ISO 3822)
EN 817
50 - 1000 kPa
0.15 l/s (300 kPa)
130 kPa (0.1 l/s)
max. +80°C

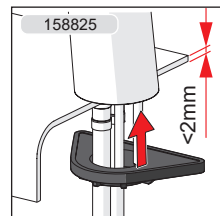
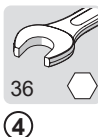
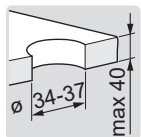
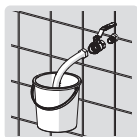
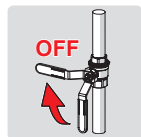


mpi.oras.com/1021M

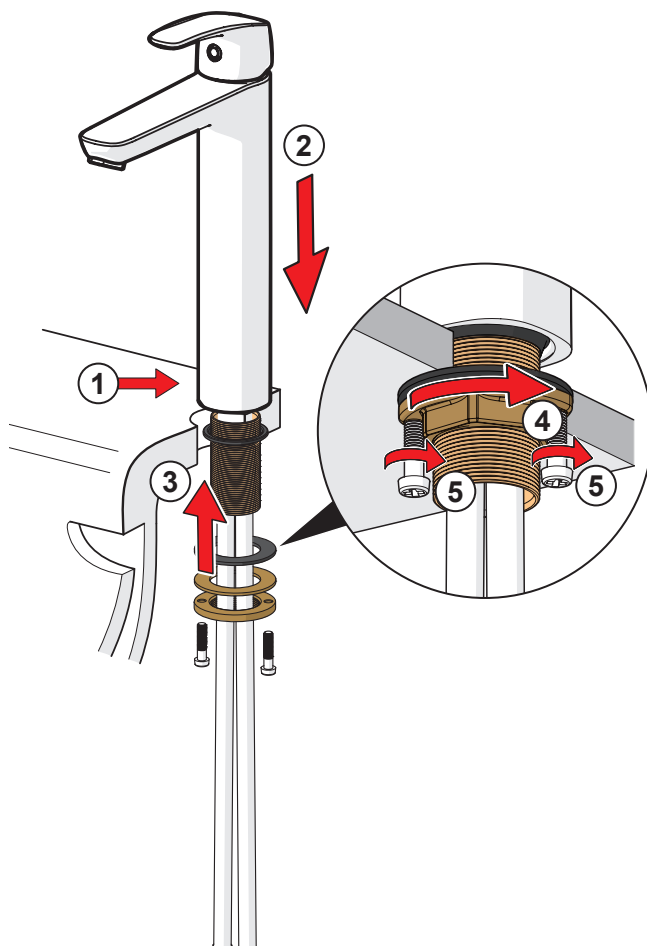


1





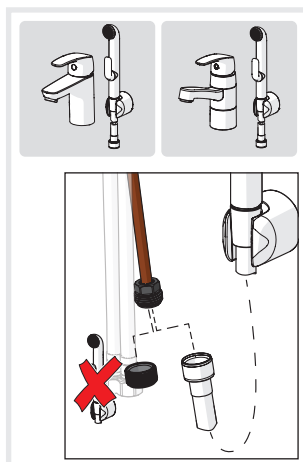
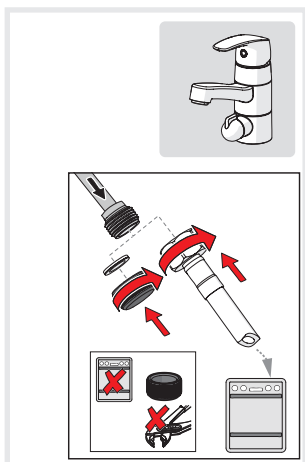
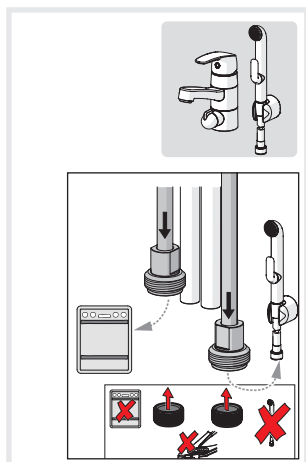
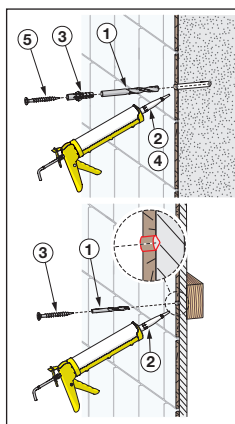
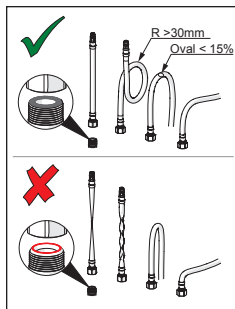
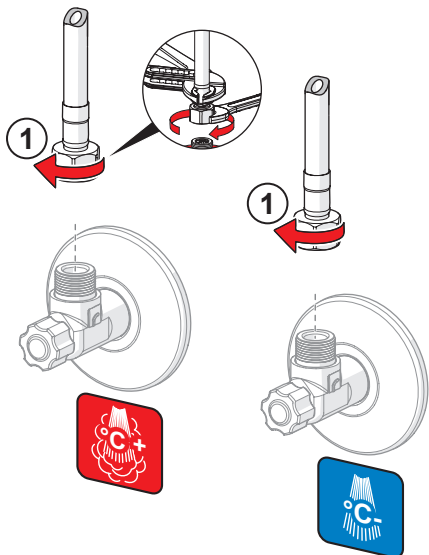
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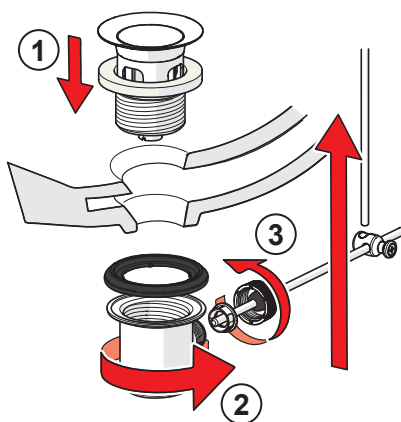
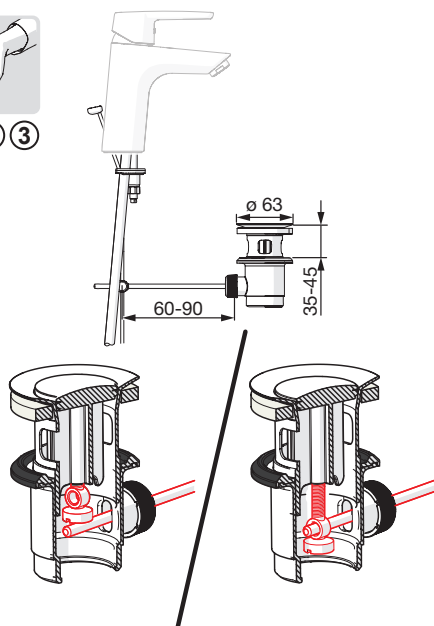
①

max.
1600 kPa



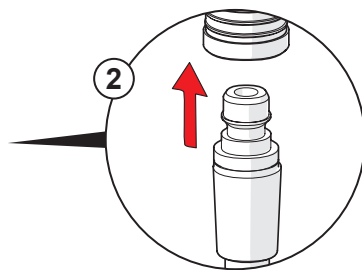
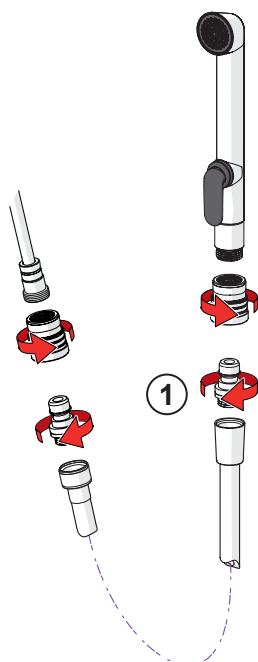


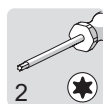
① ② ③



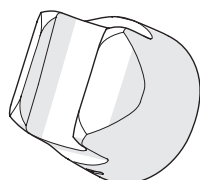
① ②

② 1012M, 1021M

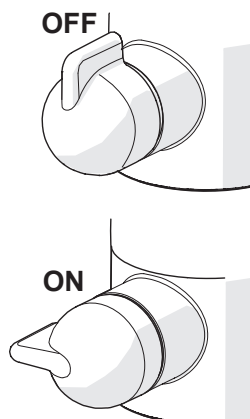
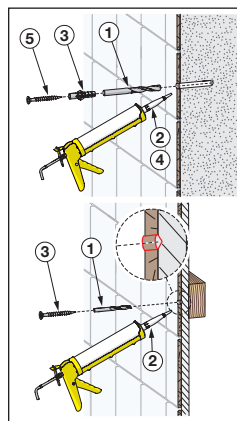
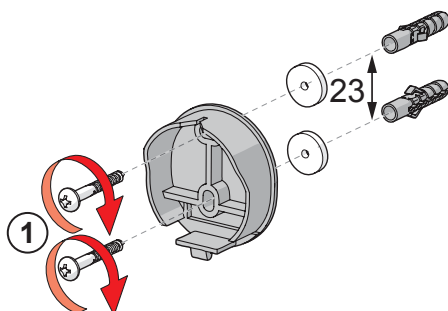




①



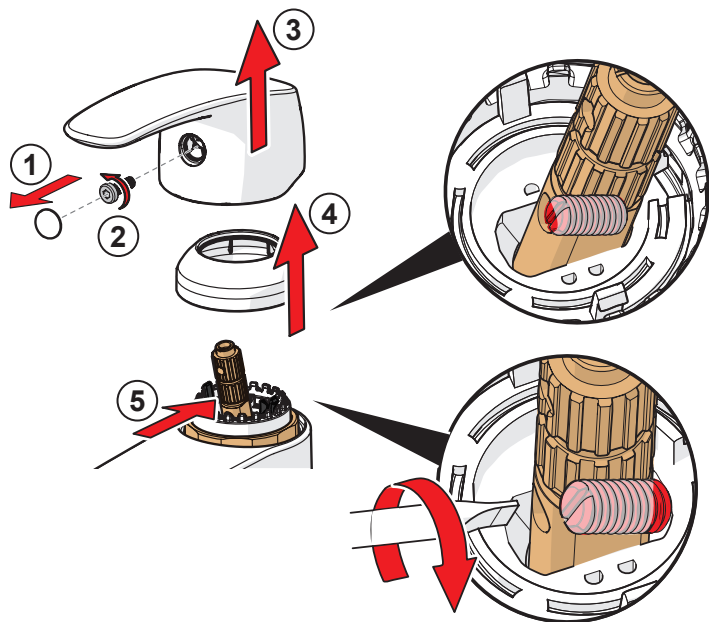
②

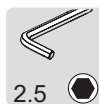




②

⑤



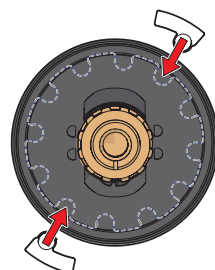
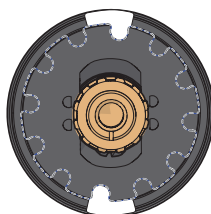
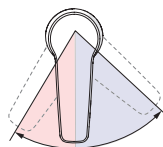
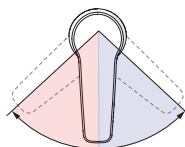
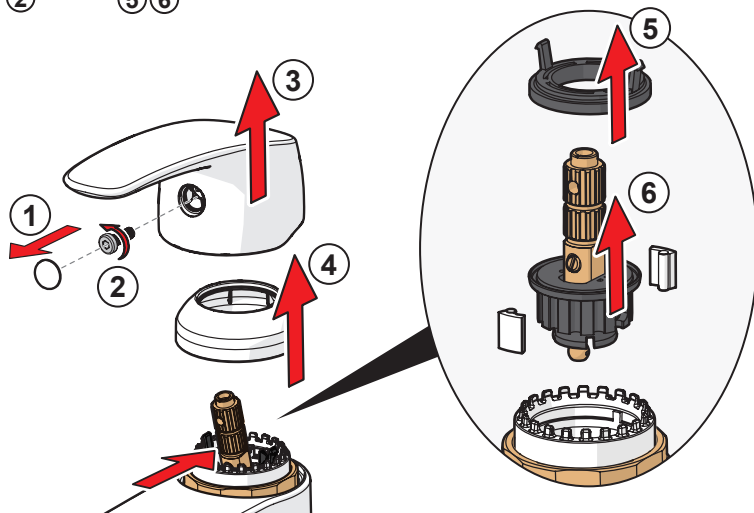


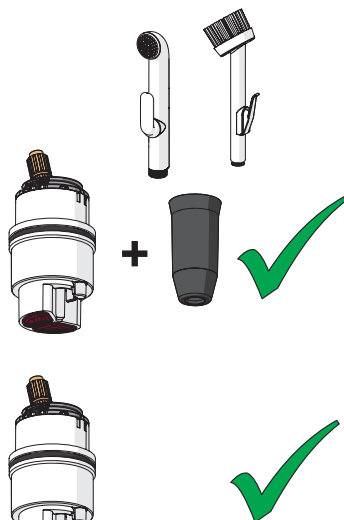
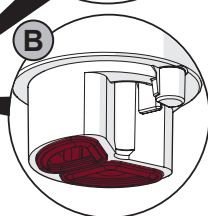
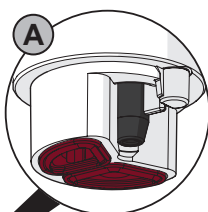
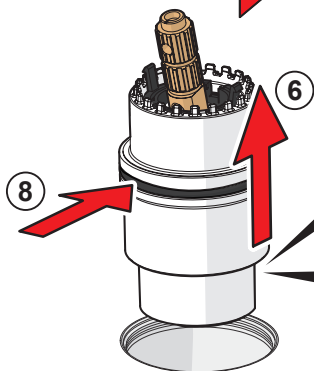
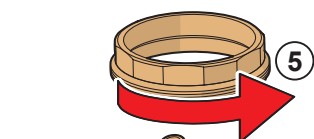
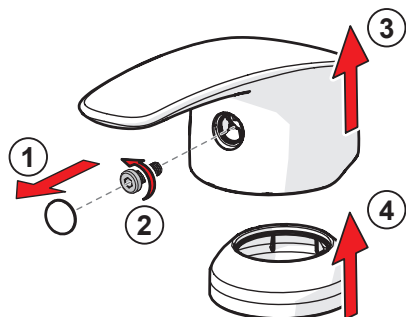
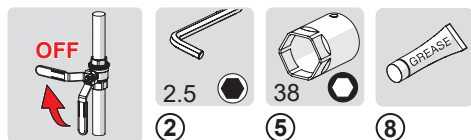
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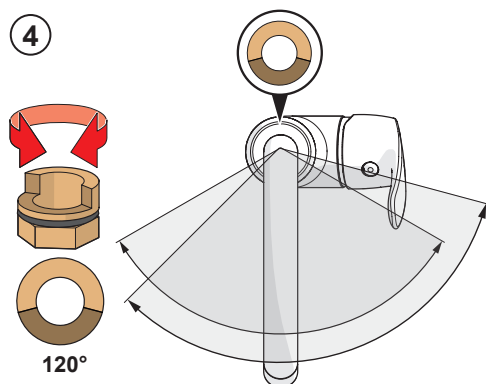
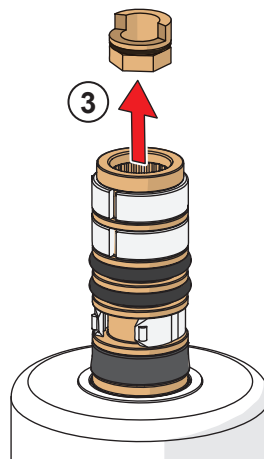
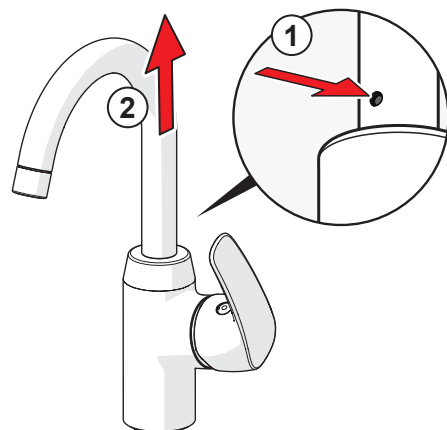
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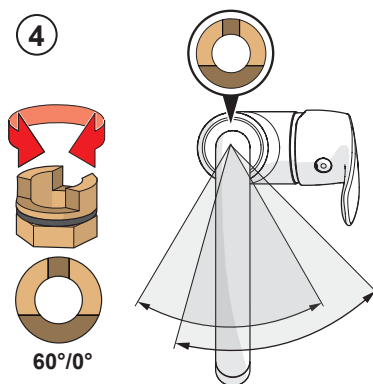
⑤ ⑥



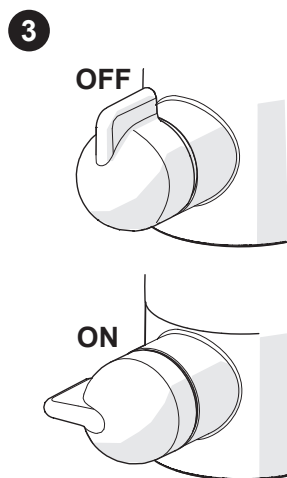
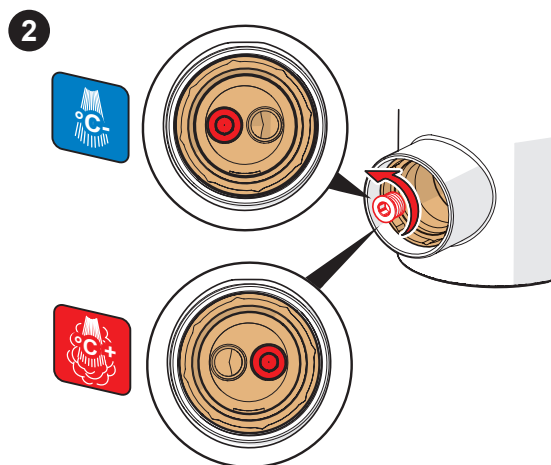
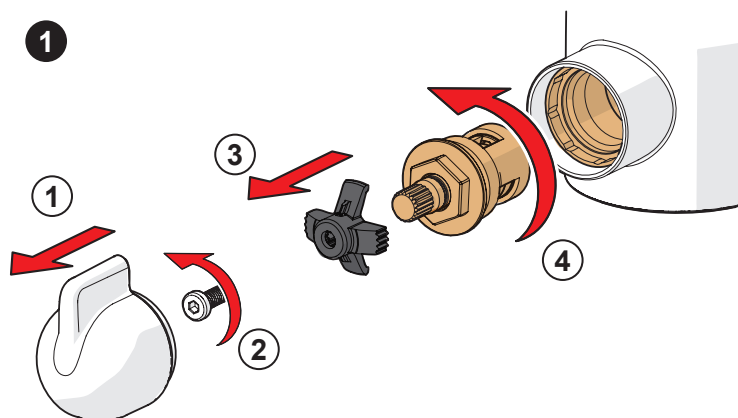
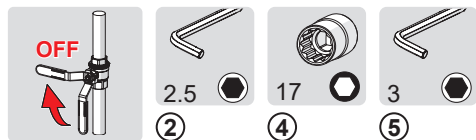


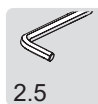


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A1



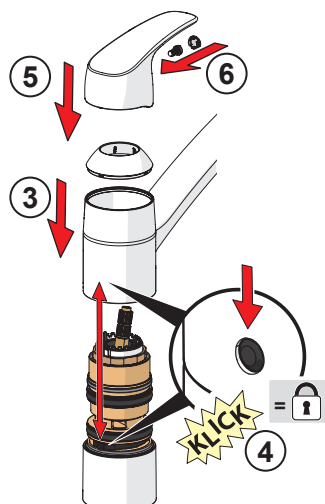
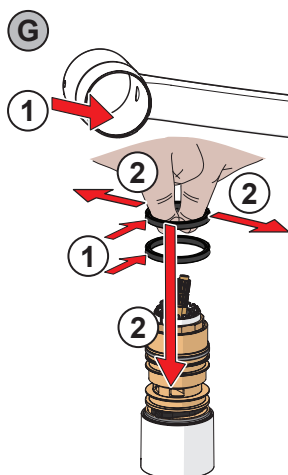
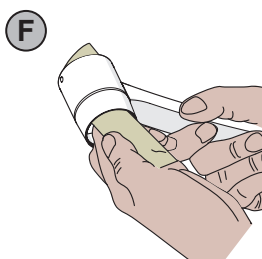
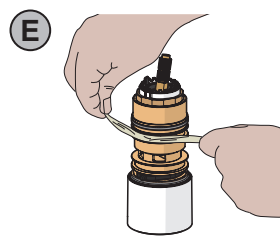
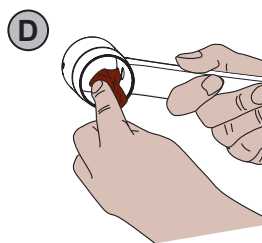
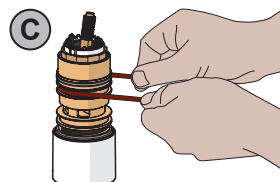
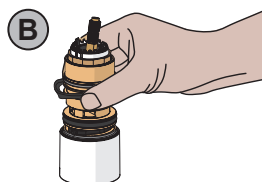
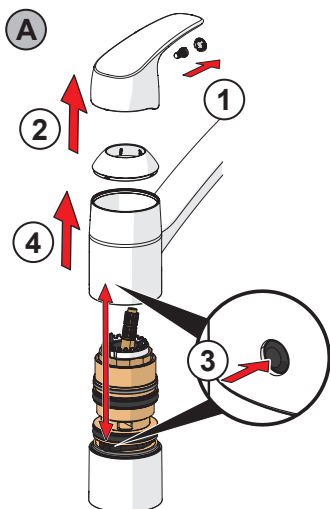
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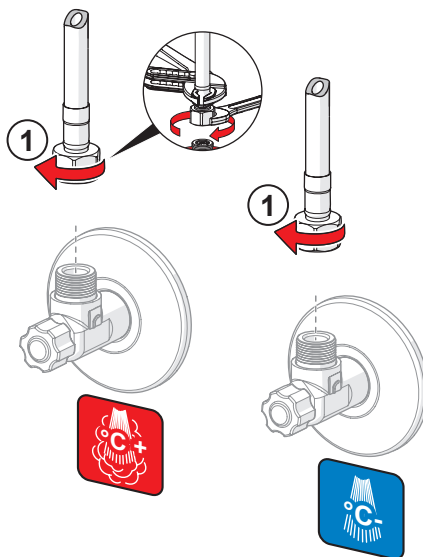
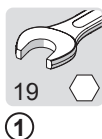


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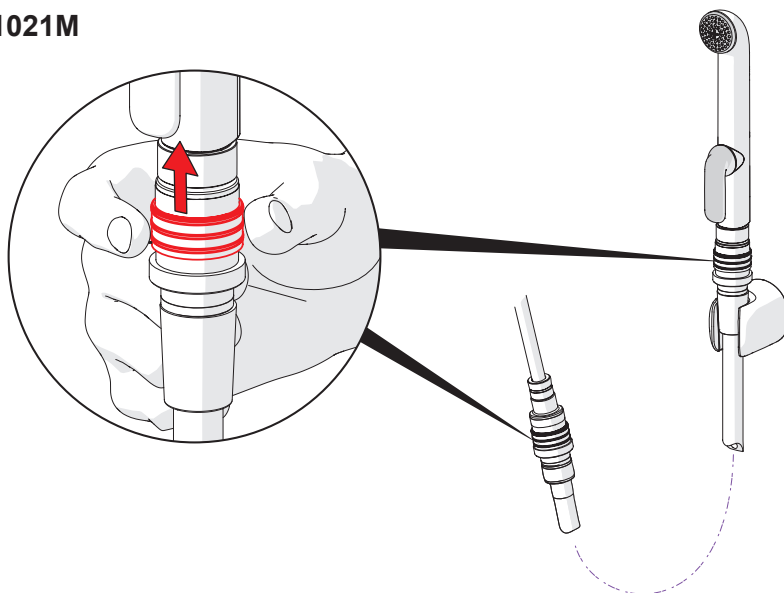


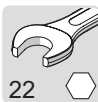
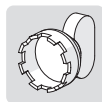
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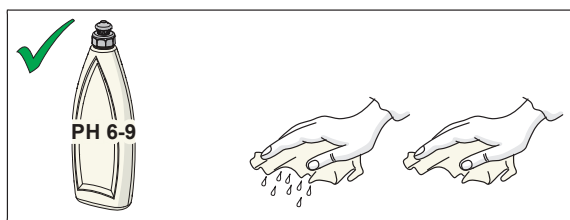
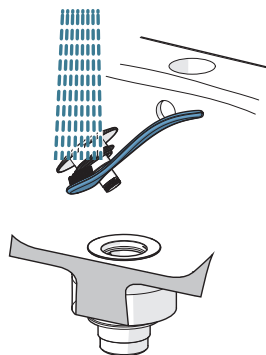
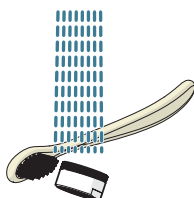
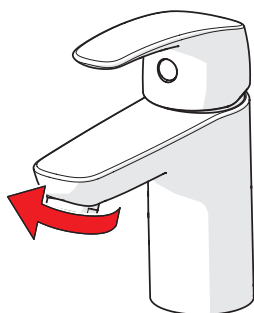


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