



HANSA

Installation and maintenance guide





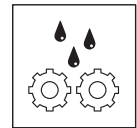
4-8



9-15



16-17



18-19

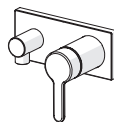
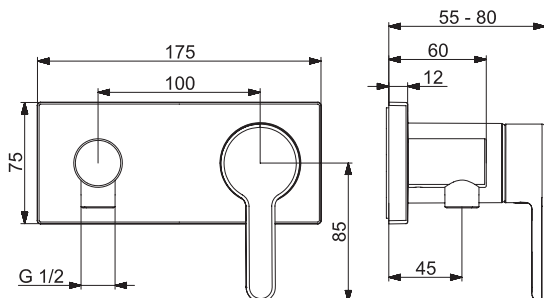


20



4450 9583

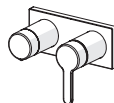
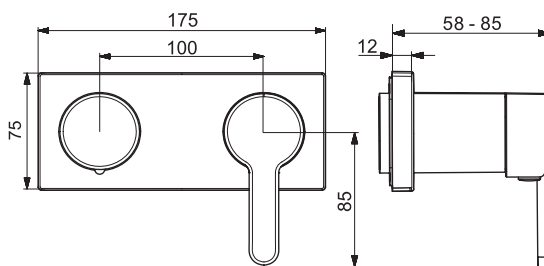
II (ISO 3822)
EN 817
50 - 1000 kPa
0.20 l/s (300 kPa)
300 kPa (0.2 l/s)
max. +90°C



mpi.hansa.com/44509583

4451 9583

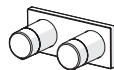
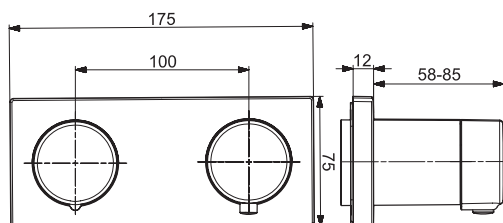
II (ISO 3822)
EN 817
50 - 1000 kPa
0.28 / 0.2 l/s (300 kPa)
300 kPa (0.2 l/s)
max. +90°C



mpi.hansa.com/44519583

4452 9583 , 4453 9583

I (ISO 3822)
EN 1111
50 - 1000 kPa
0.3 / 0.2 l/s (300 kPa)
300 kPa (0.2 l/s)
max. +90°C

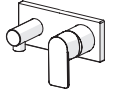
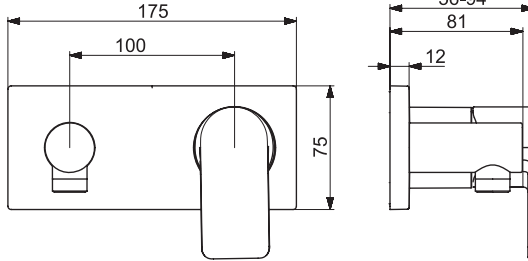


mpi.hansa.com/44529583



4456 9573

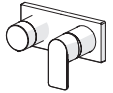
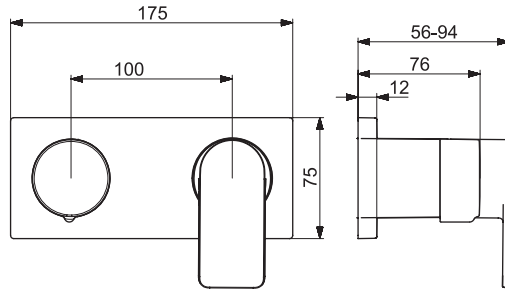
II (ISO 3822)
 EN 817
 50 - 1000 kPa
 0.2 l/s (300 kPa)
 max. +80°C



mpi.hansa.com/44569573

4457 9573

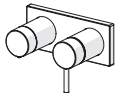
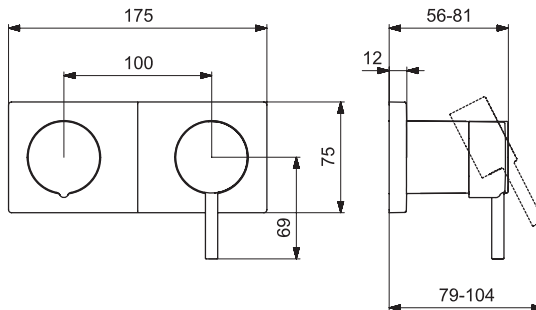
II (ISO 3822)
 EN 817
 50 - 1000 kPa
 0.28 / 0.2 l/s (300 kPa)
 300 kPa (0.2 l/s)
 max. +90°C



mpi.hansa.com/44579573

4457 9583

II (ISO 3822)
 EN 817
 50 - 1000 kPa
 0.28 / 0.2 l/s (300 kPa)
 300 kPa (0.2 l/s)
 max. +90°C

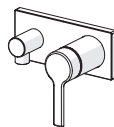
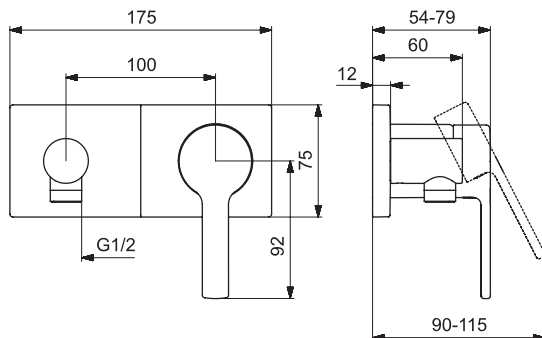


mpi.hansa.com/44579583



4458 9583

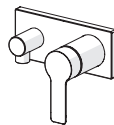
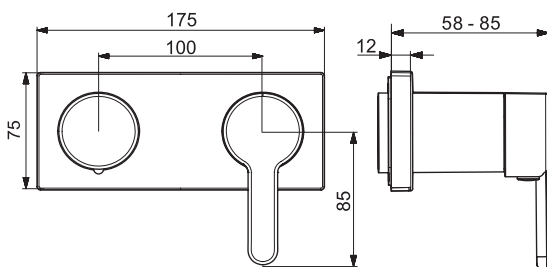
II (ISO 3822)
EN 817
50 - 1000 kPa
0.20 l/s (300 kPa w/Controller)
300 kPa (0.2 l/s w/Reducer)
max. +90°C



mpi.hansa.com/44589583

4454 9583

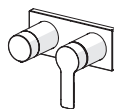
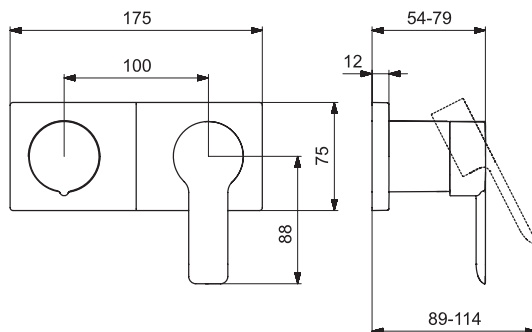
II (ISO 3822)
EN 817
50 - 1000 kPa
0.20 l/s (300 kPa w/Controller)
300 kPa (0.2 l/s w/Reducer)
max. +90°C



mpi.hansa.com/44549583

4455 9583

II (ISO 3822)
EN 817
50 - 1000 kPa
0.28 / 0.2 l/s (300 kPa)
300 kPa (0.2 l/s)
max. +90°C

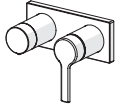
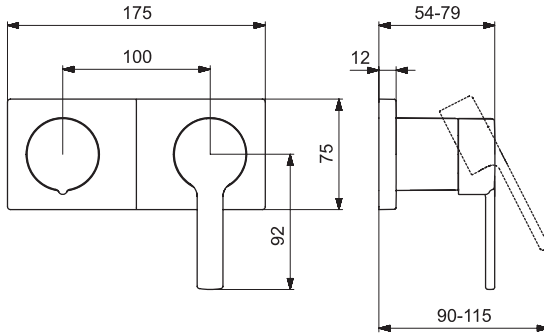


mpi.hansa.com/44559583



4459 9583

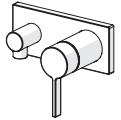
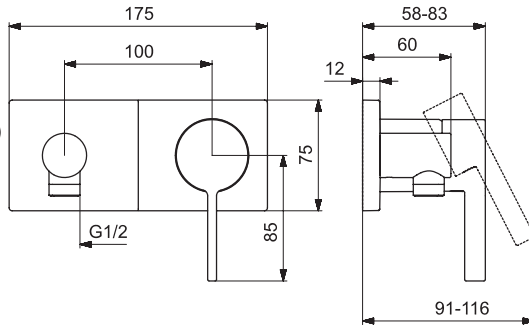
II (ISO 3822)
 EN 817
 50 - 1000 kPa
 0.28 / 0.2 l/s (300 kPa)
 300 kPa (0.2 l/s)
 max. +90°C



mpi.hansa.com/44599583

5763 9583

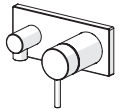
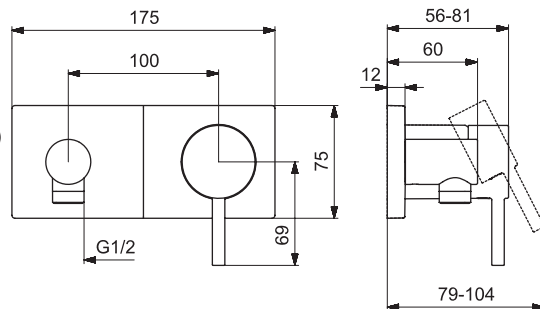
II (ISO 3822)
 EN 817
 50 - 1000 kPa
 0.20 l/s (300 kPa w/Controller)
 300 kPa (0.2 l/s w/Reducer)
 max. +90°C



mpi.hansa.com/57639583

4456 9583

II (ISO 3822)
 EN 817
 50 - 1000 kPa
 0.20 l/s (300 kPa w/Controller)
 300 kPa (0.2 l/s w/Reducer)
 max. +90°C

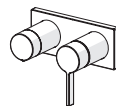
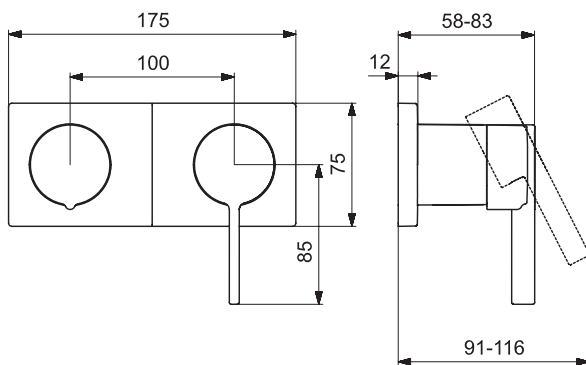


mpi.hansa.com/44569583

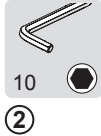
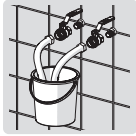
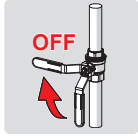


5764 9583

II (ISO 3822)
EN 817
50 - 1000 kPa
0.28 / 0.2 l/s (300 kPa)
300 kPa (0.2 l/s)
max. +90°C

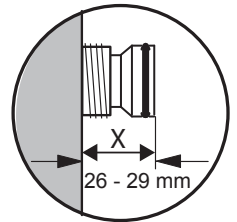
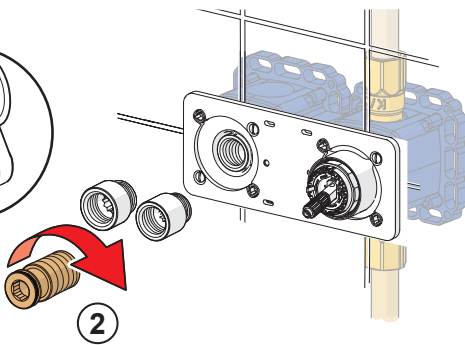
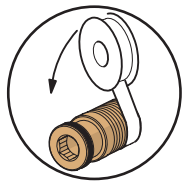
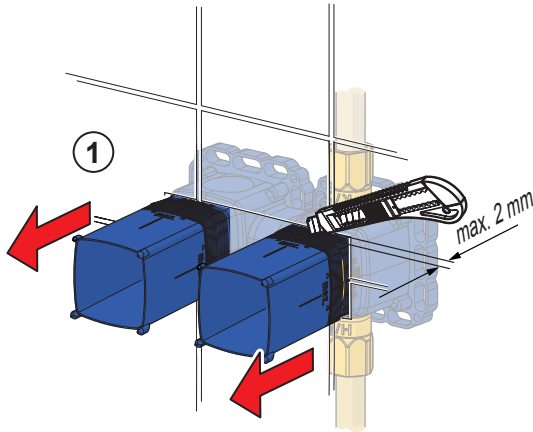


mpi.hansa.com/57649583



A

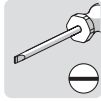
A



X = < 26 mm		
59 913 863	+15 mm	<p>12</p>
59 913 864	+20 mm	



①



②

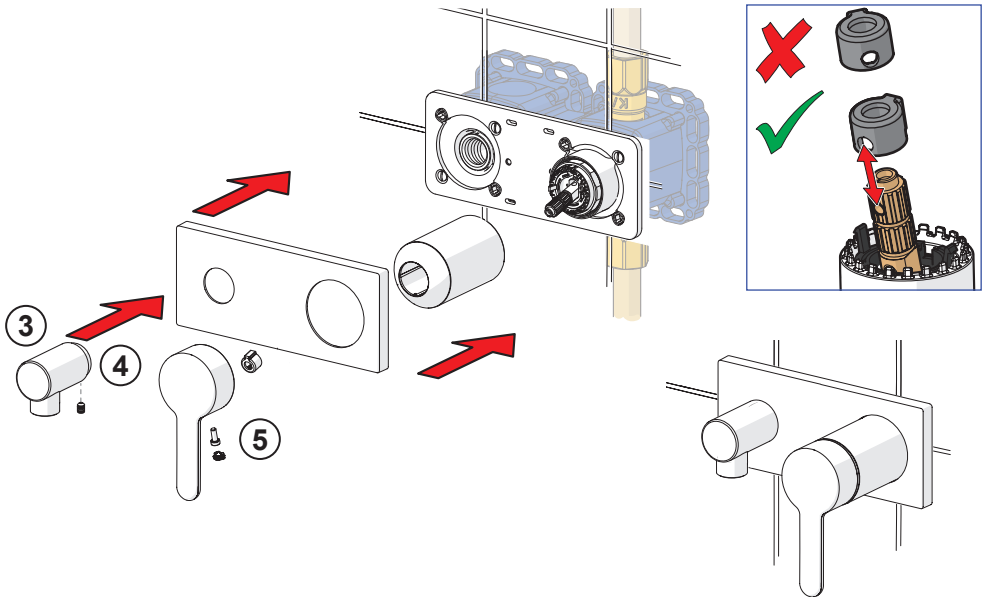
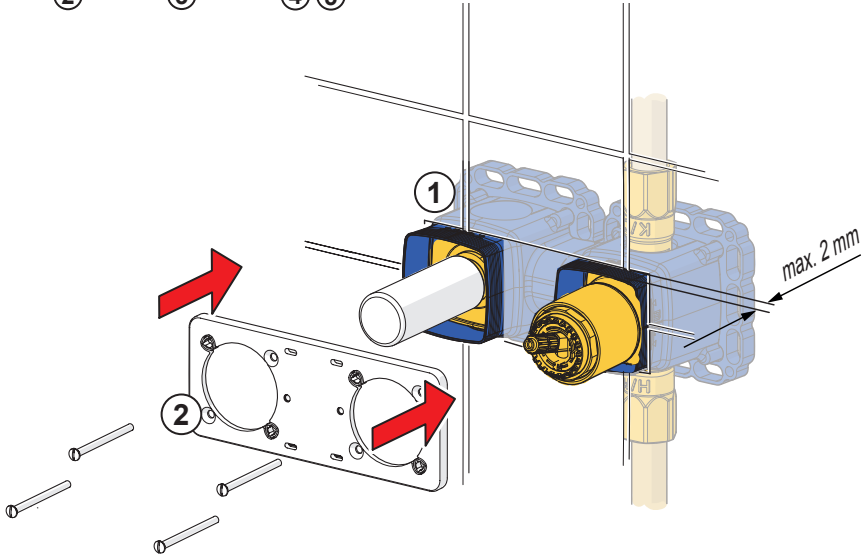


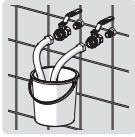
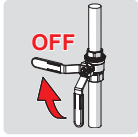
③



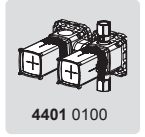
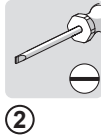
④ ⑤

A



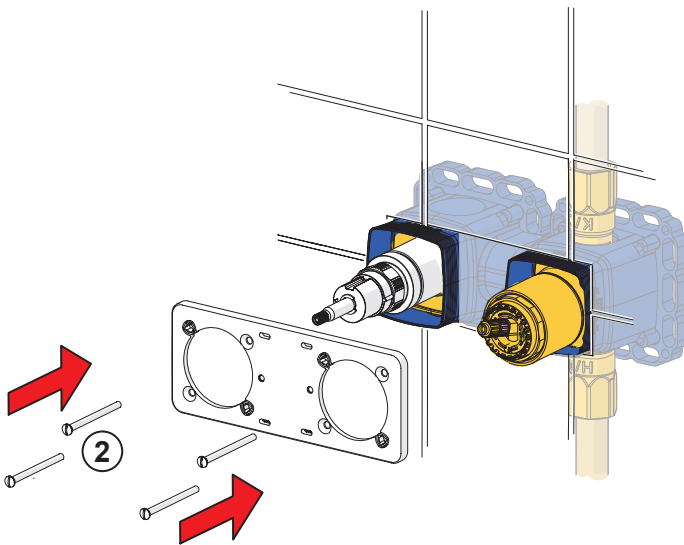
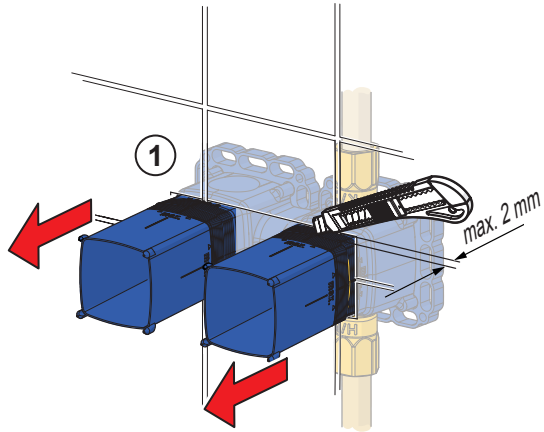


EN 806



B

B

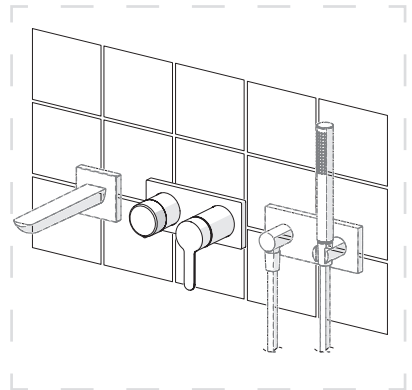
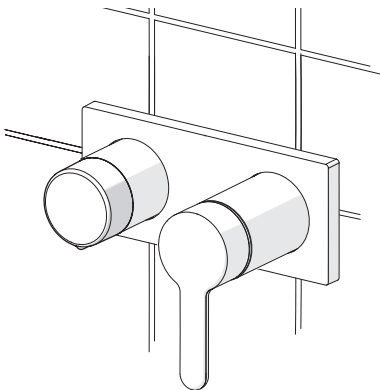
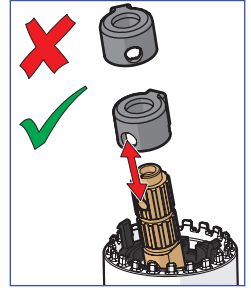
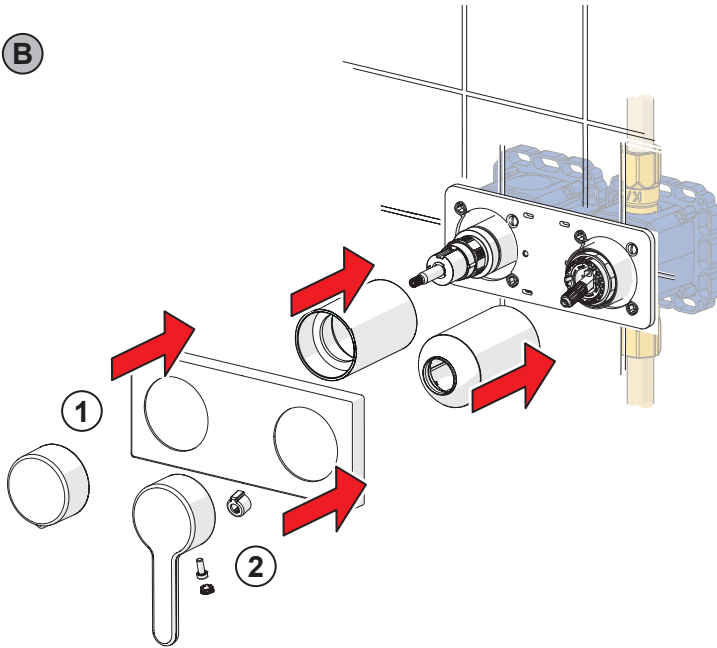


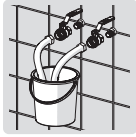
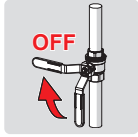


①

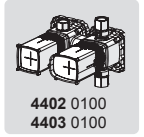
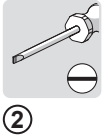
②

B



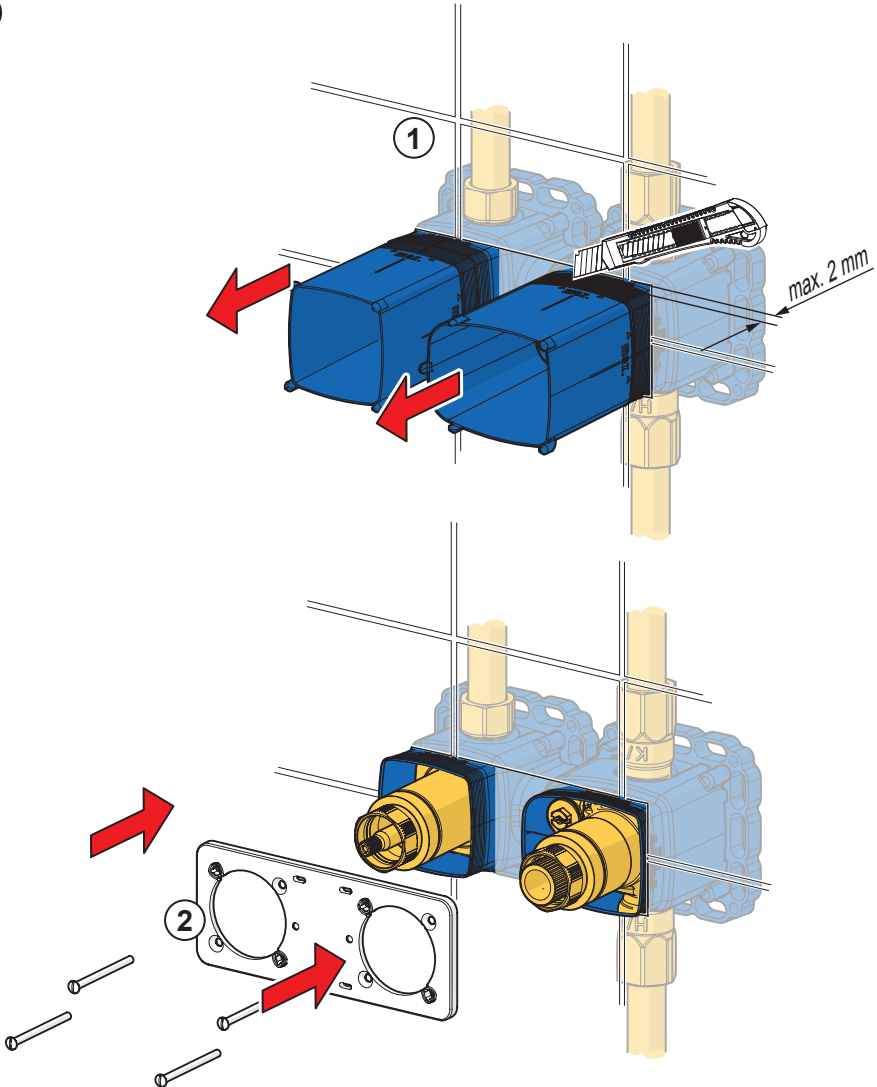


EN 806



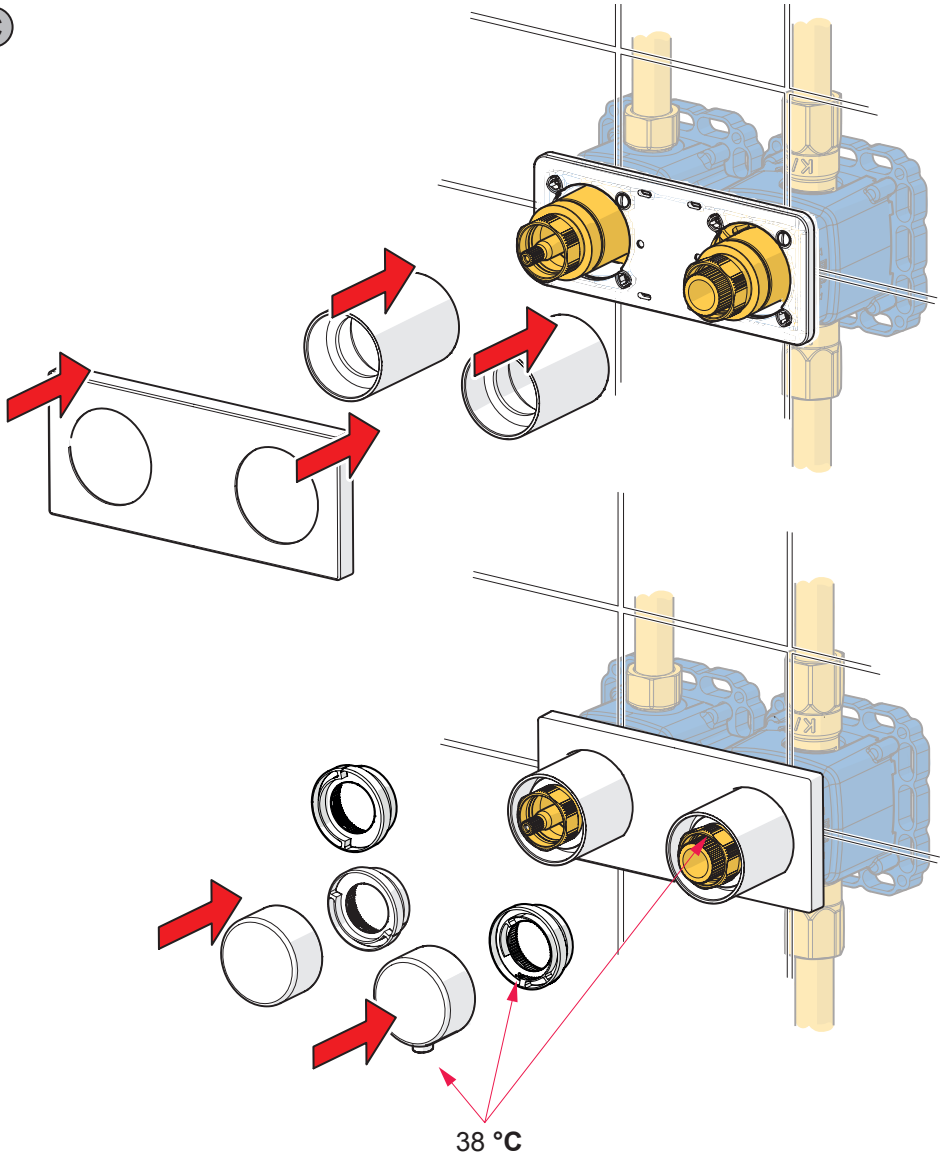
C

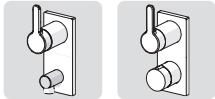
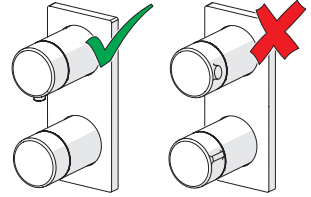
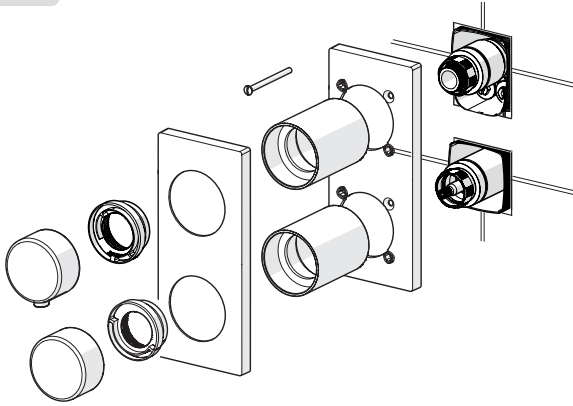
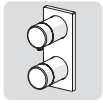
C





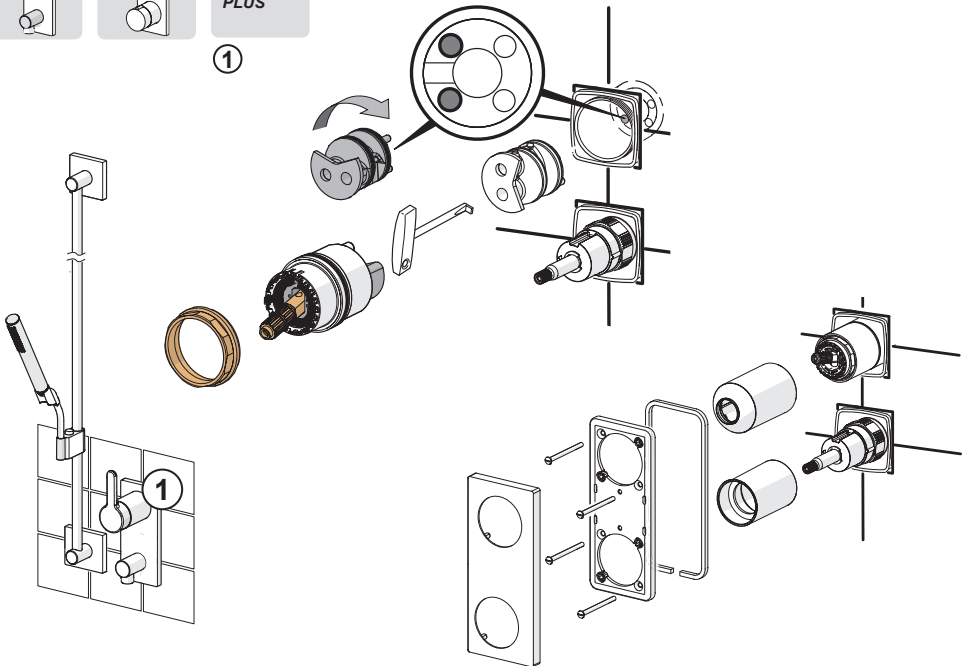
C

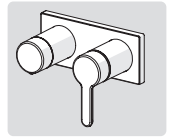
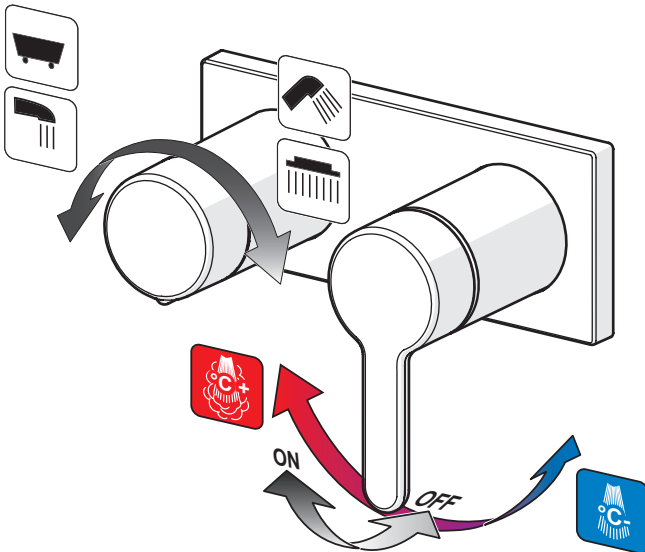
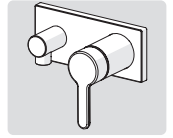
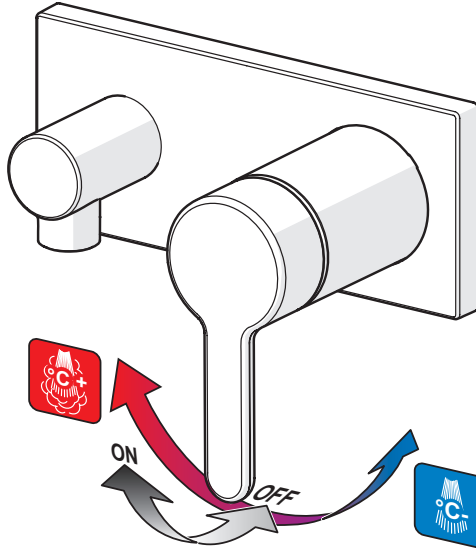


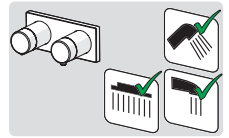
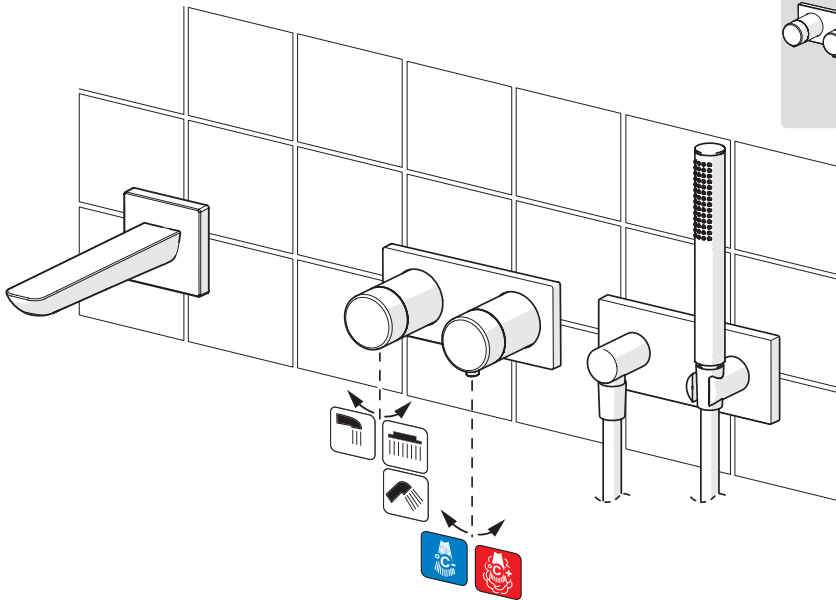
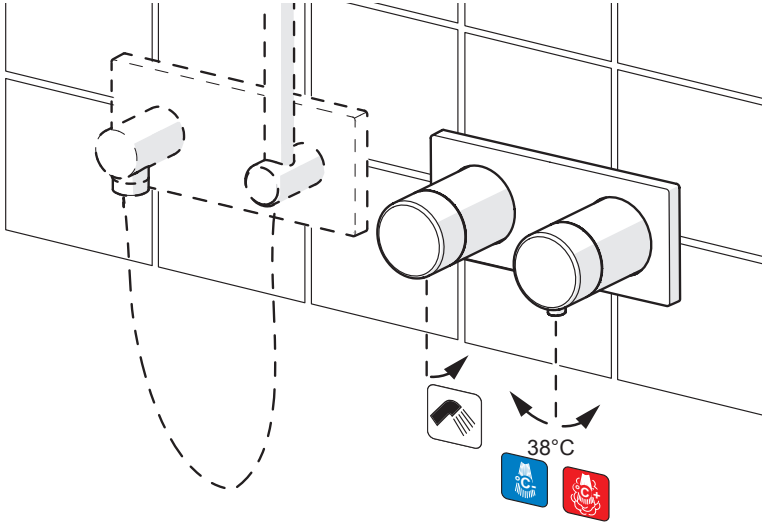
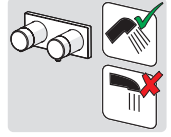


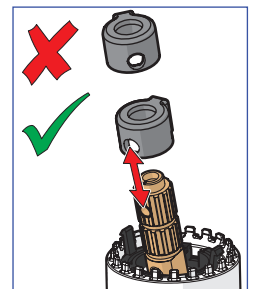
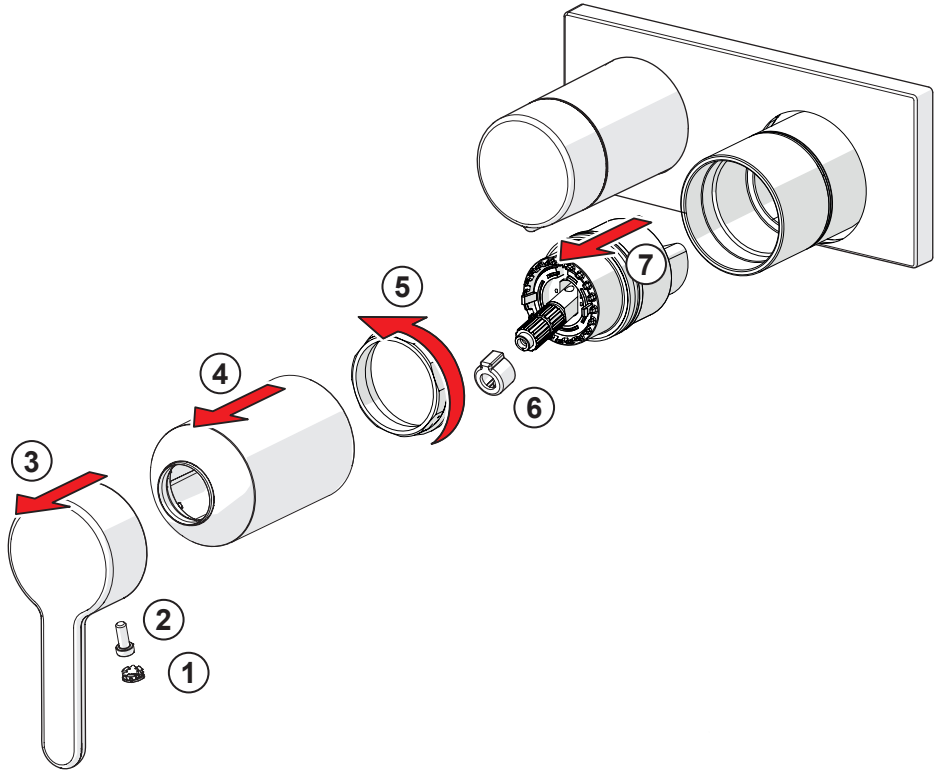
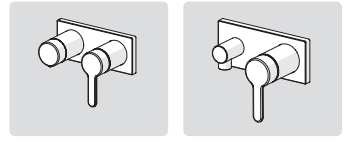
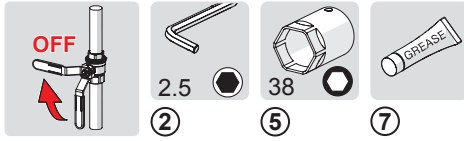
**HANSA
SERVICE
PLUS**

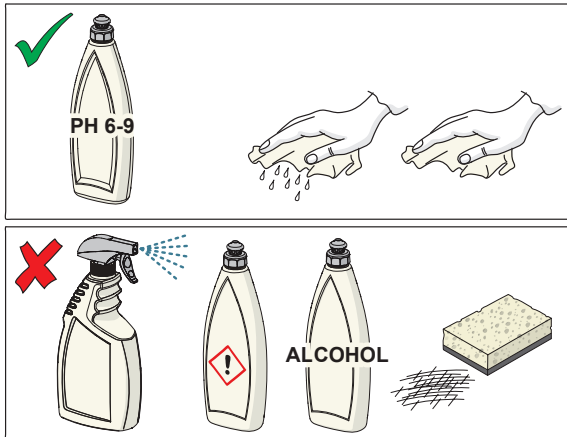
①











cleaning.hansa.com

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.

HANSA Armaturen GmbH
P. O. BOX 81 02 40
D-70519 Stuttgart
Sigmaringer Strasse 107
D-70567 Stuttgart
Tel.: +49 711 16 14 0
Fax: +49 711 16 14 368
info@hansa.de
www.hansa.com



943352D-11-20