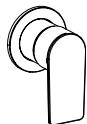


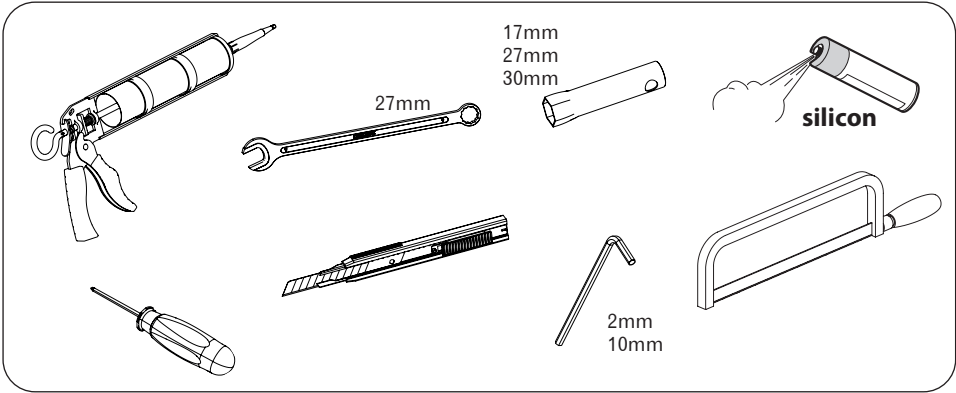
ART. V663B



ART. V681B



ART. V689B



DATI TECNICI - TECHINCAL DETAILS - DONNÉES TECHNIQUES

TECHNISCHE DATEN - DATOS TÉCNICOS - DADOS TÉCNICOS

IT	EN	FR	
Pressione minima	Minimum pressure	Pression minimum	1 BAR
Pressione massima	Minimum pressure	Pression maximum	10 BAR
Press. di esercizio consigliata	Recommened working pressure	Pression optimale de service	2-5 BAR
Temperatura massima	Max. water temperature	Température maximum	80° C - 176° F
Temperatura massima consigliata	Maximum water temperature recommended	Température maximum optimale	65° C - 149° F
Differenza max di pressione in arrivo (calda - fredda)	Maximum in-let pressure difference (hot - cold)	Différence max. de pression d'arrivée (chaud - froid)	1.5 BAR

DE	ES	PT	
Minimum druck	Pression mínima	Pressão mínima	1 BAR
Höchste druck	Pression máxima	Pressão máxima	10 BAR
Empfehlener druck	Pression de trab. aconsejada	Press. de funcionamento recomendada	2-5 BAR
Höchste wasser Temperatur	Temperatura máxima	Temperatura máxima	80° C - 176° F
Wassertemperatur Höchste einkommende	Temperatura máxima aconsejada	Temperatura máxima recomendada	65° C - 149° F
Höchste einkommende Drucksunterschied (Warm - kalt)	Diferencial max. de presiún de entrada (caliente - fria)	Diferença máxima de pressão na entrada (quente - fria)	1.5 BAR

- IT** Se la pressione dell'acqua è superiore a 5 bar, è preferibile installare un riduttore di pressione a monte dell'alimentazione per evitare vibrazioni e rendere regolare la regolazione della temperatura.
- EN** If water pressure is above 5 bar, it is advisable to install a flow restrictor upstream of the water supply to avoid vibrations and regulate temperature.
- FR** Si la pression de l'eau est supérieure à 5 bar, il est recommandé d'installer un réducteur de pression en amont de l'alimentation afin d'éviter toute vibration et régulariser le réglage de la température.
- DE** Wenn der Wasserdruck über 5 bar liegt, sollte möglichst ein Druckminderer vor der Zuleitung montiert werden, um Schwingungen zu vermeiden und eine gleichmäßige Temperaturregelung zu ermöglichen.
- ES** Si la presión del agua supera los 5 bar, es preferible instalar un limitador de caudal en la conducción de la alimentación para evitar vibraciones y normalizar la regulación de la temperatura.
- PT** Se a pressão da água for superior a 5 bar, é preferível instalar um redutor de pressão antes do abastecimento

IT Cura del prodotto

La pulizia delle superfici va fatta utilizzando un sapone liquido diluito in acqua. Non usare mai in nessun caso detersivi liquidi contenenti sostanze abrasive o a base di acido muriatico, spugne abrasive, aceto, ammoniaca, acetone, candeggina, acidi di uso domestico, disinfettanti vari. **ATTENZIONE!** L'impiego di prodotti non consigliati può deteriorare irrimediabilmente le superfici, nel qual caso il produttore non risponderà del danno. L'azienda si riserva in qualunque momento di apportare senza preavviso modifiche a prodotti e accessori. I dati riprodotti in questo documento hanno carattere informativo e non sono vincolanti.

EN Advice on product care

To clean the surface use a soap and water solution. Never use for any reason cleaning solutions containing abrasive substances, chloric acids, ammonia, vinegar, bleach, domestic acids, disinfectants, or anytype of abrasive pad. **WARNING!** Incorrect cleaning may permanently ruin the surface of the products and in such case the manufacturer may not be held liable for damage. The Manufacturer reserves the right to modify product and accessories at any time without prior notice. Datas, products and sketches included in this document are just for information and do not bind the producer.

FR Conseils pour l'entretien du produit

La poussière en surface devra être faite en utilisant un savon liquide dilué dans l'eau. Ne jamais utiliser en aucun cas des détergents liquides contenant des substances abrasives ou à base d'acide, nid'éponges abrasives, vinaigre, ammoniacque, acétone, eau de Javel, acides à usage domestique, désinfectants divers. **ATTENTION!** L'emploi de produits non conseillés peut détériorer irrémédiablement la surface des articles pour lesquels le fabricant ne sera pas responsable. La société se réserve le droit de modifier ses produits et ses accessoires à tout moment et sans préavis. Informations, produits et croquis reproduits dans ce documents sont de nature informative et ne sont pas contractuels.

DE Pflege hinweise unserer artikel

Zur Reinigung empfehlen wir Wasser und flüssige Seife. Verwenden Sie bitte nie flüssige Reinigungsmittel, die Schmirgel, Salzsäure, Essig, Ammoniak, Aceton, Bleichlange, Desinfektionsmittel u.s.w. enthalten. **WARNUNG!** Der Gebrauch solcher Mittel kann unsere Artikel beschädigen und in diesem Fall gewährt Hersteller keine Garantie. Der Hersteller behält sich das Recht vor jederzeit Änderungen an seinen Produkten und Zubehörteilen ohne Vorbescheid vorzunehmen. Katalogangaben sowie Abbildungen, Maß- und Leistungsangaben sind unverbindlich.

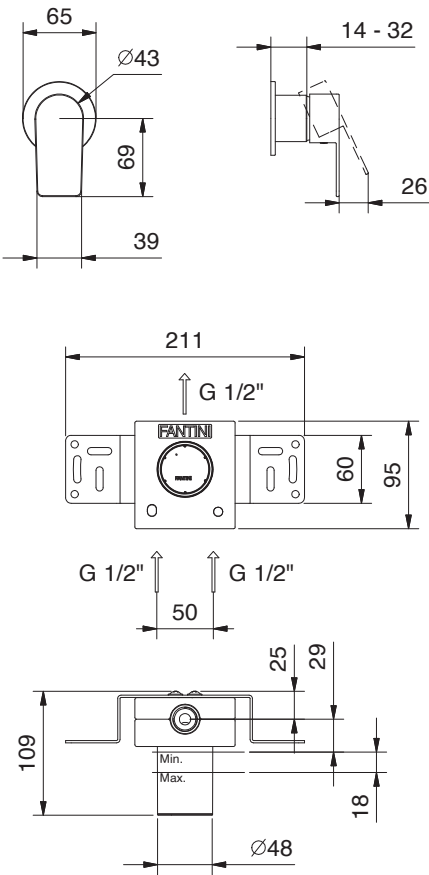
ES Consejos para el cuidado del producto

La limpieza de las superficies se hace utilizando un jabón líquido diluido en agua. No usar en ningún caso detergentes líquidos que contengan sustancias abrasivas ó a base de ácido clorhídrico, estropajos abrasivos, amoniaco, acetona, lejía, ácidos de uso doméstico, desinfectantes varios. **ATENCIÓN!** El uso de productos desaconsejados puede danar irremediamente las superficies de los elementos, de lo cual el fabricante no se hará responsable en ningún caso. La sociedad se reserva el derecho de modificar sus productos y accesorios en cualquier momento y sin previo avi

PT Cuidado do produto

A limpeza das superfícies deve ser feita utilizando um pano macio humedecido com sabão líquido diluído em água: no fim enxágue e seque bem. Não use, em caso algum, detergentes com substâncias abrasivas ou à base de ácido muriático, vinagre, amoníaco, acetona, lixívia, ácidos de uso doméstico, desinfetantes ou esponjas abrasivas. **ATENÇÃO !** A utilização de produtos não recomendados pode danificar irremediavelmente as superfícies, nesse caso o produtor não se responsabiliza pelo dano. Se a distribuição de água diminuir limpe ou substitua o emulsor situado entre a bica e o tubo flexível. so.

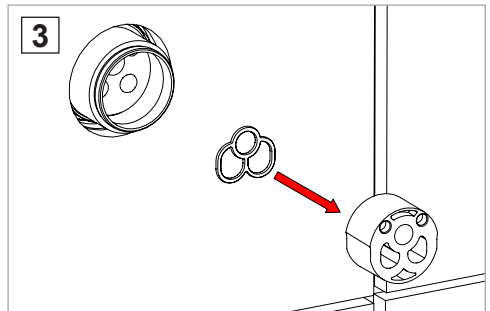
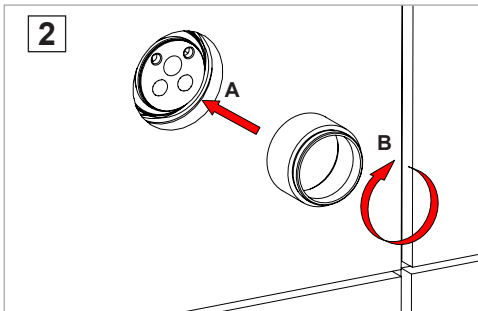
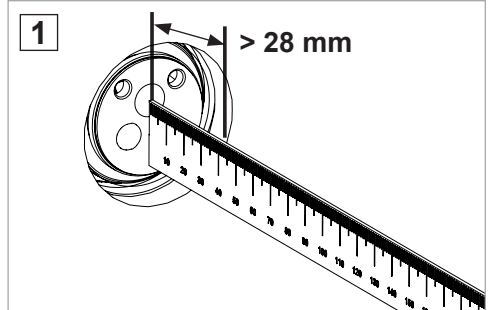
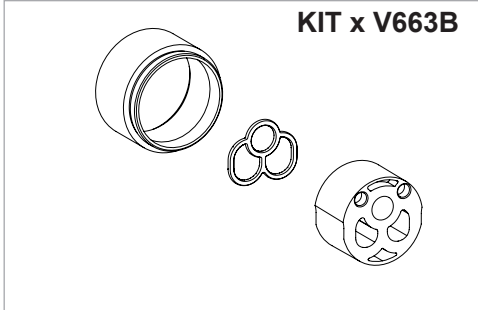
V609B

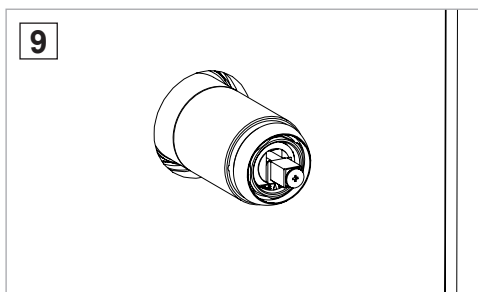
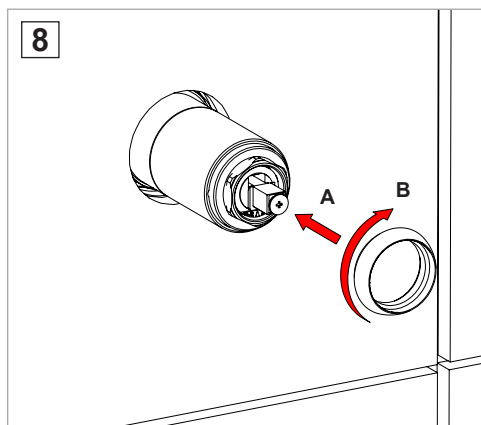
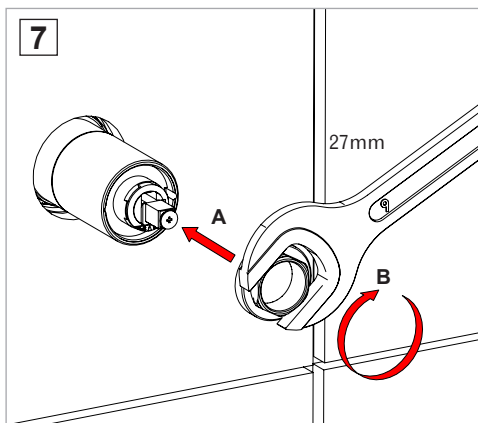
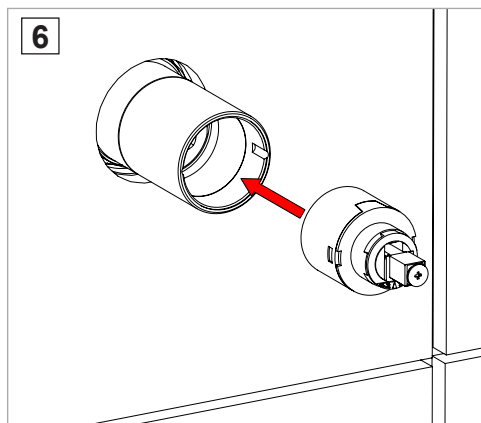
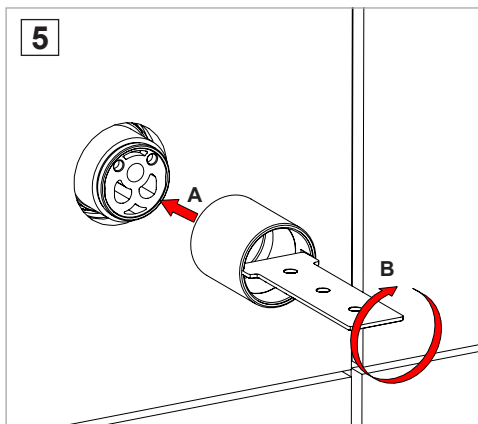
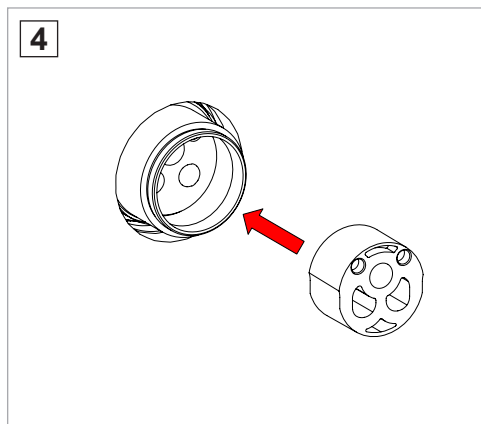


- IT** Questi miscelatori possono essere utilizzati con accumulatori di acqua calda a pressione o con scaldabagni istantanei.
- EN** These mixers can be used with high-pressure hot water accumulators or with instant water heaters.
- FR** Ces mitigeurs peuvent être utilisés avec des accumulateurs d'eau chaude à pression ou avec des chauffe-eau instantanés.
- DE** Diese Mischer sind sowohl für Heißwasserspeicher als auch Durchlauferhitzer geeignet.
- ES** Estos monomandos pueden utilizarse con acumuladores de agua caliente a presión o con calentadores instantáneos.
- PT** Esta misturadora pode ser utilizada com acumuladores de água quente sob pressão ou com esquentadores instantâneos.

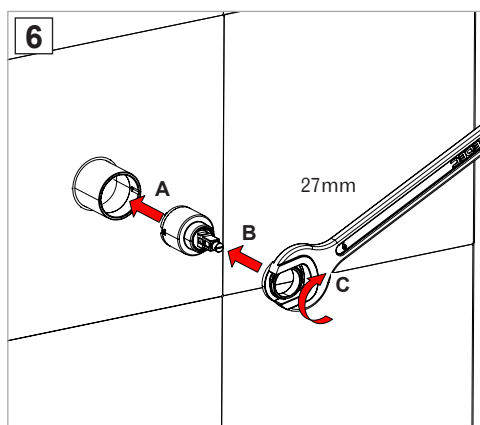
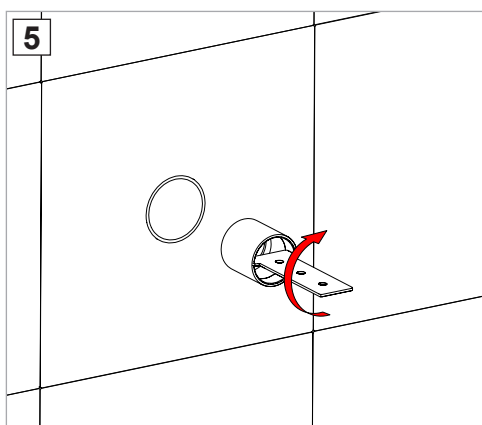
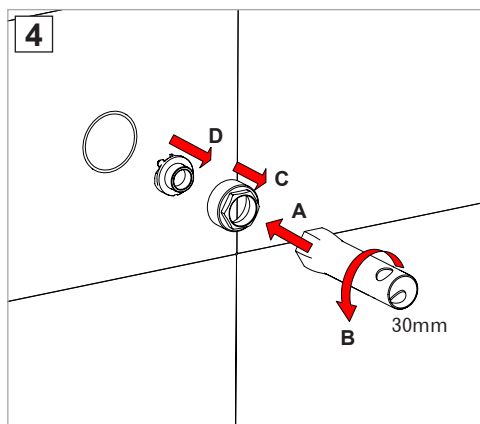
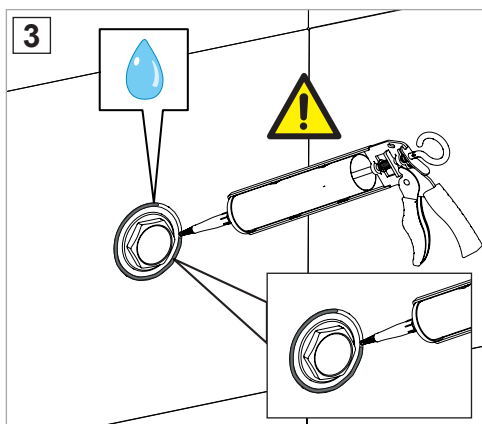
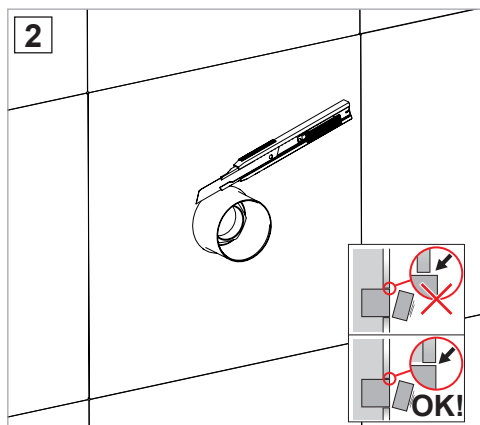
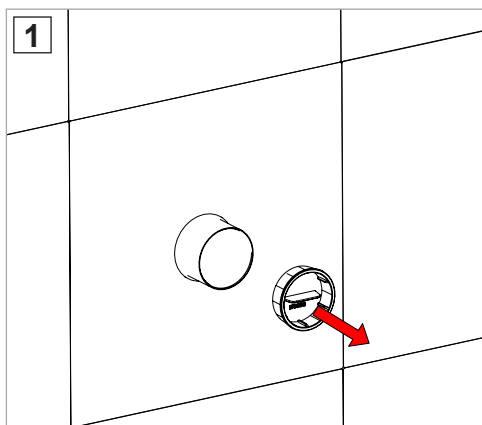


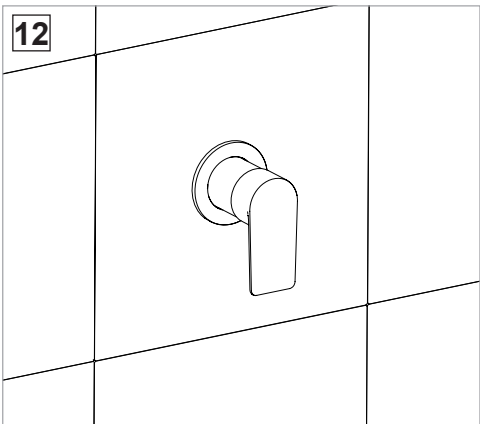
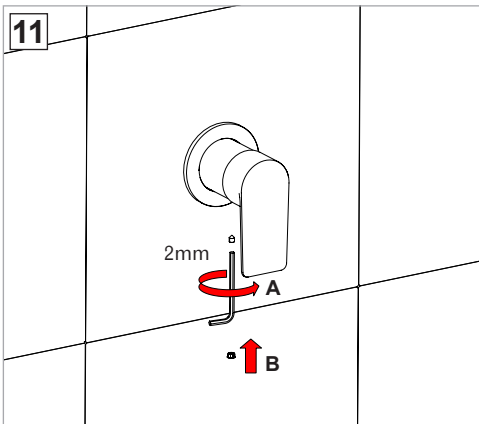
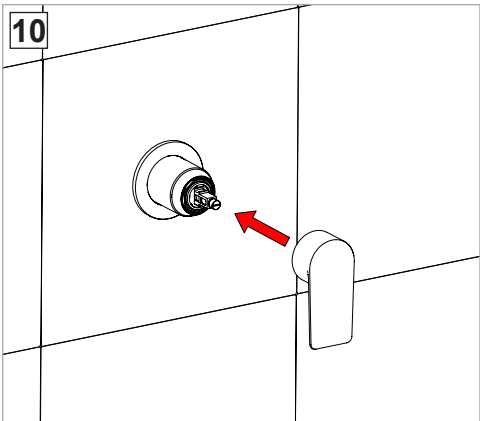
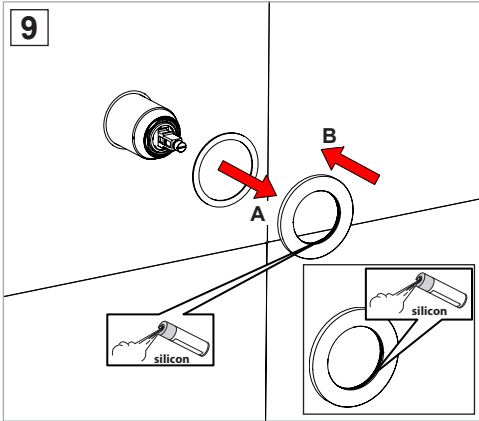
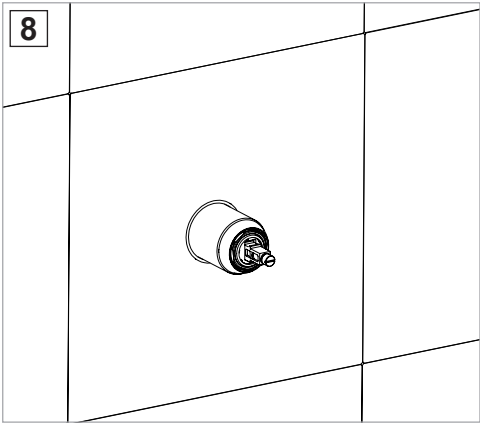
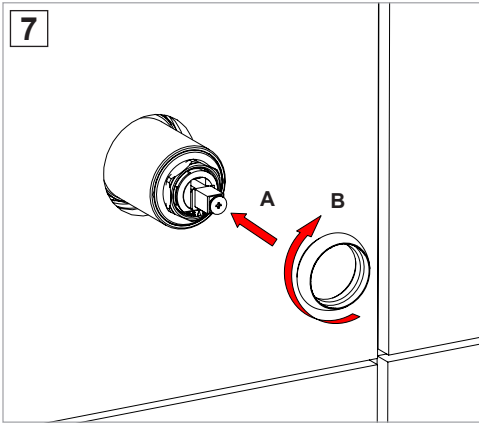
- IT** Per installazioni nei limiti di Min e Max indicati dall'etichetta applicata sul prodotto, vedere da pagina 9. Nel caso di installazioni oltre il limite di Max indicato dall'etichetta applicata sul prodotto dove necessita il kit di prolungamento, vedere da pagina 5.
- EN** For installations within the Min and Max limits indicated by the label applied to the product, see from page 9. In the case of installations beyond the Max limit indicated by the label applied on the product where the kit is needed extension, see from page 5.
- FR** Pour les installations dans les limites Min et Max indiquées par l'étiquette apposée sur le produit, voir à partir de la page 9. Dans le cas d'installations au-delà de la limite Max indiquée par l'étiquette apposée sur le produit où le kit est nécessaire rallonge, voir à partir de la page 5.
- DE** Für Installationen innerhalb der Min- und Max-Grenzen, die auf dem auf dem Produkt angebrachten Etikett angegeben sind, siehe ab Seite 9. Bei Installationen über dem auf dem Etikett auf dem Produkt angegebenen maximalen Grenzwert, bei dem das Kit benötigt wird Verlängerung, siehe ab Seite 5.
- ES** Para instalaciones dentro de los límites Mín. Y Máx. Indicados por la etiqueta aplicada al producto, consulte a partir de la página 9. En el caso de instalaciones más allá del límite Max indicado por la etiqueta aplicada en el producto donde se necesita el kit extensión, ver a partir de la página 5.
- PT** Para instalações dentro dos limites mínimo e máximo indicados pela etiqueta aplicada ao produto, consulte a página 9. No caso de instalações além do limite máximo indicado pela etiqueta aplicada no produto onde o kit é necessário extensão, veja na página 5.

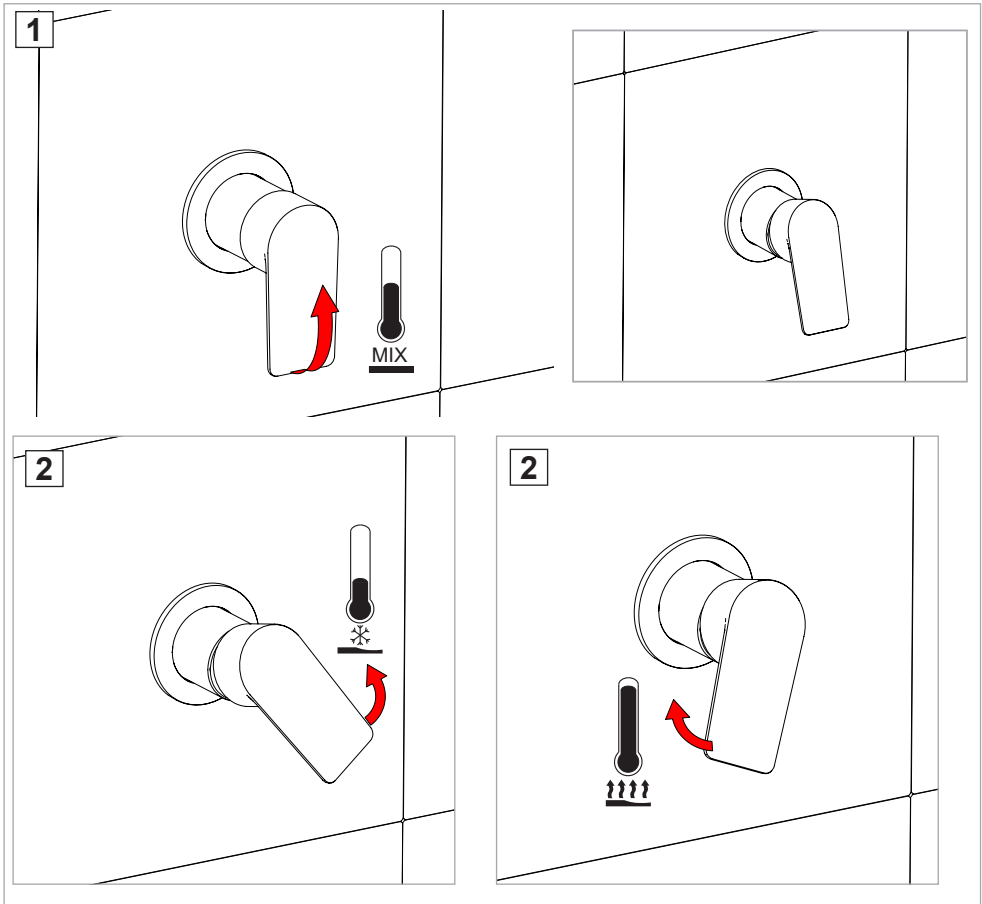




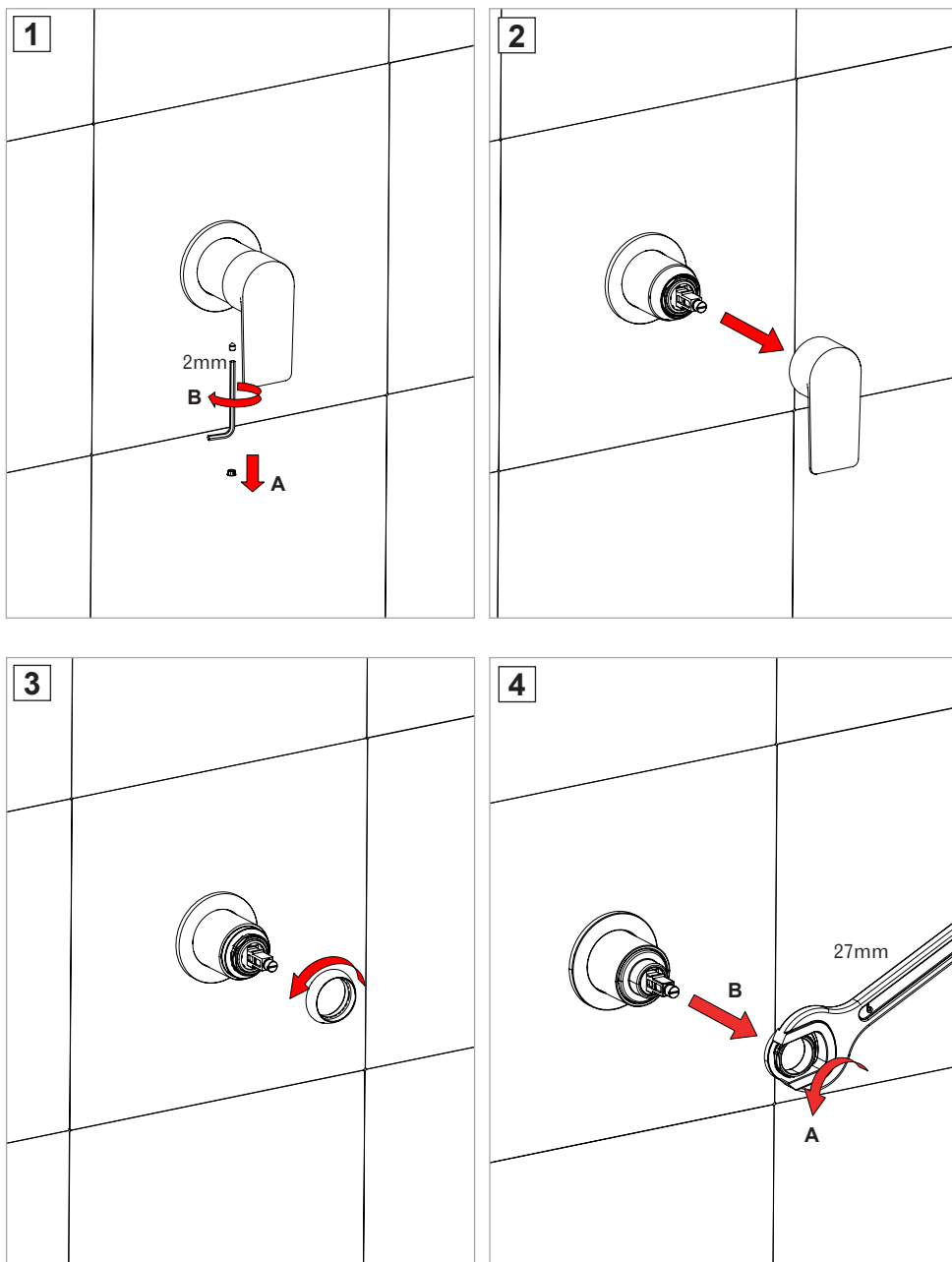
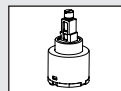
- Proseguire con figura 8 pag. 8.
- Continue with figure 8 on page 8.
- Continuer avec la figure 8 à la page 8.
- Weiter mit Abbildung 8 auf Seite 8.
- Continúe con la figura 8 en la página 8.

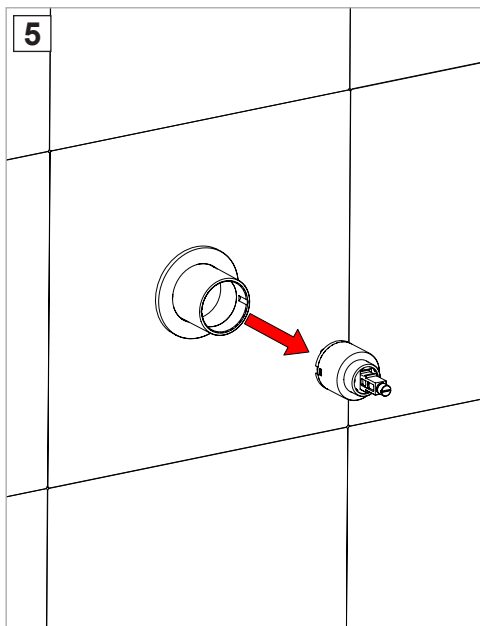
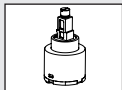






- IT** Al primo utilizzo o dopo un lungo periodo di inutilizzo, non consumare il primo mezzo litro di acqua potabile erogata. Chiudere l'impianto idraulico in caso di prolungata assenza. Controllare periodicamente la tenuta.
- EN** On first use or following prolonged periods of inactivity, do not use the first half-litre of drinking water dispensed. Shut off the plumbing system in the event of a long absence. Check the water-tightness regularly.
- FR** Lors de la première utilisation ou après une longue période de non utilisation, ne pas consommer le premier demi-litre d'eau potable qui sort du robinet. Fermer l'installation hydraulique en cas d'absence prolongée. Contrôler périodiquement l'étanchéité.
- DE** Schütten Sie bei Erstbenutzung oder nach einem längeren Zeitraum der Nichtbenutzung den ersten halben Liter Trinkwasser weg. Stellen Sie das Wasser bei längerer Abwesenheit ab. Prüfen Sie in regelmäßigen Abständen die Dichtheit.
- ES** Durante el primer uso o tras un largo periodo de inactividad, no consumir el primer medio litro de agua potable que salga del grifo. Cerrar la instalación de agua si va a estar ausente durante un largo periodo. Comprobar periódicamente que no haya pérdidas.
- PT** Na primeira utilização ou após um longo período de inutilização, não consuma o primeiro meio litro de água potável distribuída. Feche o circuito hidráulico no caso de ausência prolongada. Verifique periodicamente a vedação.





- Rimontare seguendo il procedimento inverso (5-4-3-2-1).
- Replace following the instructions in reverse order (5-4-3-2-1).
- Re-installer au contraire du procédé (5-4-3-2-1).
- Die umgekehrte Vorgehensweise folgen um die Teil wieder zu installieren (5-4-3-2-1).
- Colocar según el procedimiento inverso (5-4-3-2-1).

Technical drawings of the 1000 Series 1/2" components, showing front, side, and top views with dimensions in millimeters (mm) and inches (").

Top View (Left): Shows a circular component with a diameter of $\varnothing 65$ mm. The overall width is 90 mm. The mounting flange has a diameter of $\varnothing 65$ mm and a thickness of 69 mm. The mounting hole diameter is 39 mm.

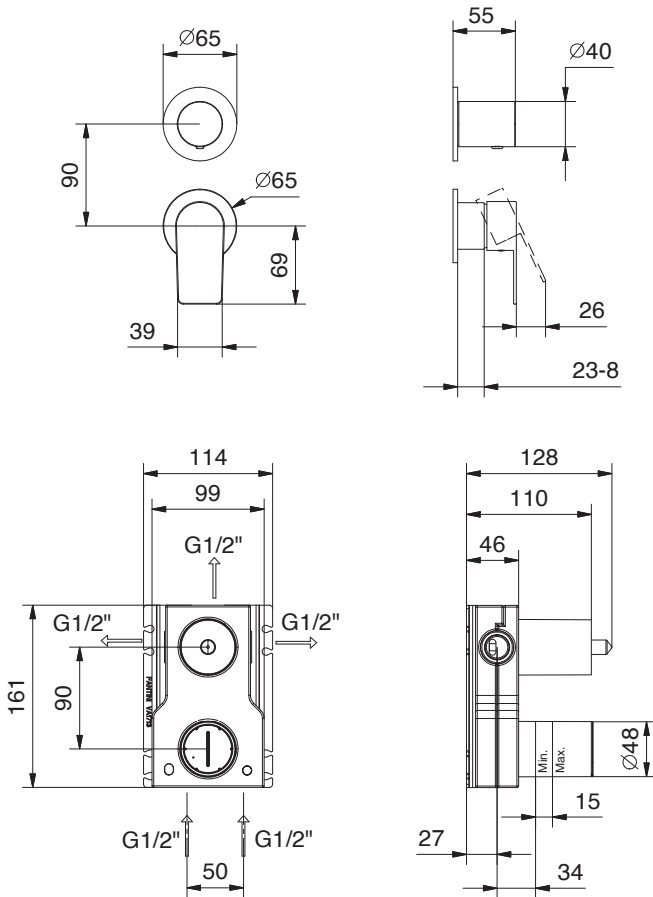
Side View (Right): Shows the component's profile. The total height is 55 mm. The mounting flange has a thickness of 26 mm. The mounting hole diameter is $\varnothing 40$ mm. The mounting hole is located 23-8 mm from the bottom edge.

Front View (Bottom Left): Shows a rectangular component with a width of 114 mm and a height of 161 mm. The mounting flange has a width of 99 mm. The mounting holes are spaced 90 mm apart. The mounting hole diameter is $G1/2"$. The mounting flange has a thickness of 50 mm. The mounting hole is located 15 mm from the bottom edge.

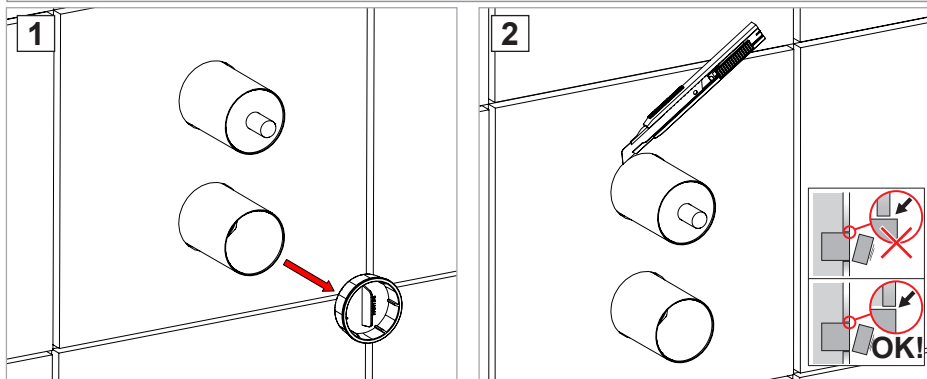
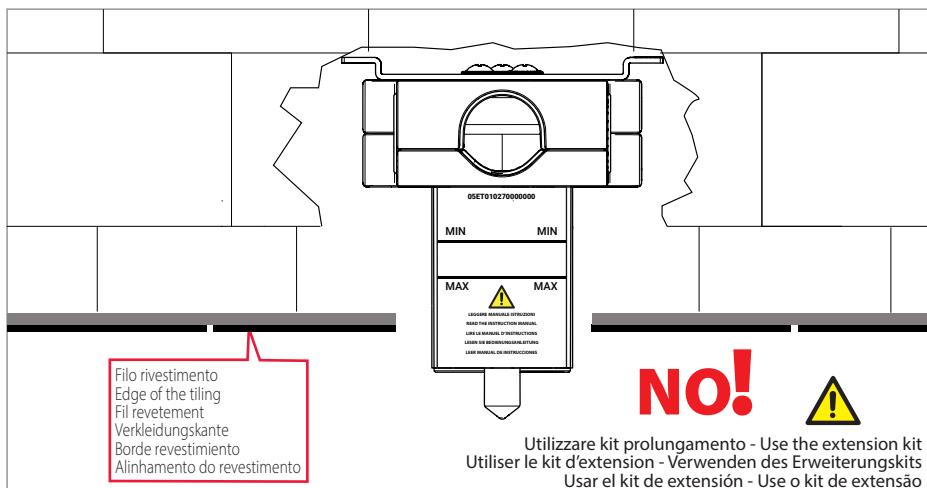
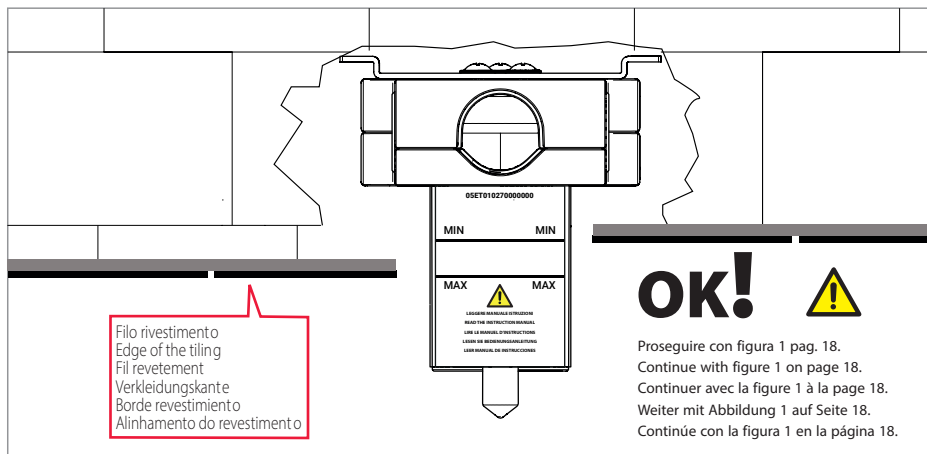
Side View (Bottom Right): Shows the component's profile. The total height is 128 mm. The mounting flange has a thickness of 110 mm. The mounting hole diameter is $\varnothing 48$ mm. The mounting hole is located 15 mm from the bottom edge. The mounting hole is located 27 mm from the left edge. The mounting hole is located 34 mm from the right edge.

- | | |
|-----------|---|
| IT | Questi miscelatori possono essere utilizzati con accumulatori di acqua calda a pressione o con scaldabagni istantanei. |
| EN | These mixers can be used with high-pressure hot water accumulators or with instant water heaters. |
| FR | Ces mitigeurs peuvent être utilisés avec des accumulateurs d'eau chaude à pression ou avec des chauffe-eau instantanés. |
| DE | Diese Mischer sind sowohl für Heißwasserspeicher als auch Durchlauferhitzer geeignet. |
| ES | Estos monomandos pueden utilizarse con acumuladores de agua caliente a presión o con calentadores instantáneos. |
| PT | Esta misturadora pode ser utilizada com acumuladores de água quente sob pressão ou com esquentadores instantâneos. |

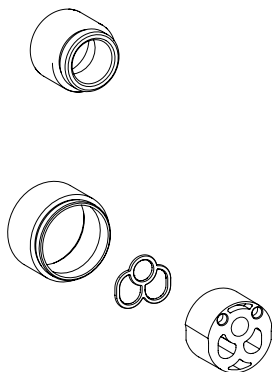
V689B



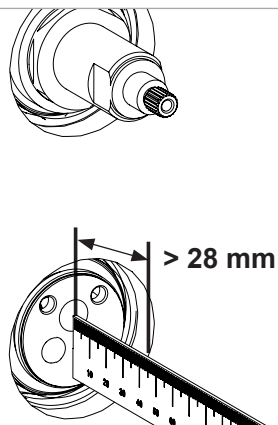
- IT** Questi miscelatori possono essere utilizzati con accumulatori di acqua calda a pressione o con scaldabagni istantanei.
- EN** These mixers can be used with high-pressure hot water accumulators or with instant water heaters.
- FR** Ces mitigeurs peuvent être utilisés avec des accumulateurs d'eau chaude à pression ou avec des chauffe-eau instantanés.
- DE** Diese Mischer sind sowohl für Heißwasserspeicher als auch Durchlauferhitzer geeignet.
- ES** Estos monomandos pueden utilizarse con acumuladores de agua caliente a presión o con calentadores instantáneos.
- PT** Esta misturadora pode ser utilizada com acumuladores de água quente sob pressão ou com esquentadores instantâneos.



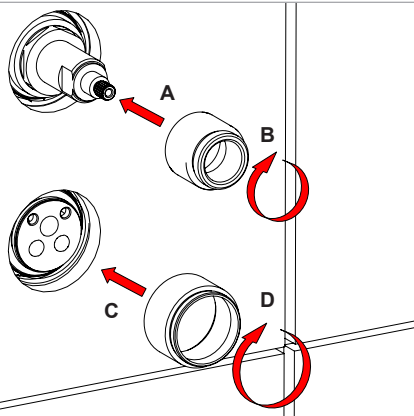
KIT x V681B - V689B



1



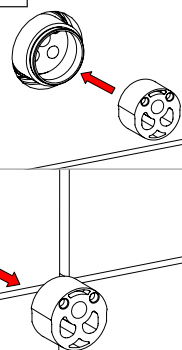
2



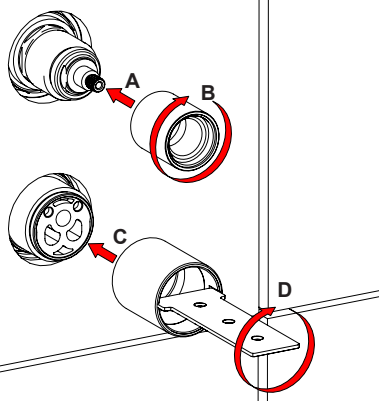
3A



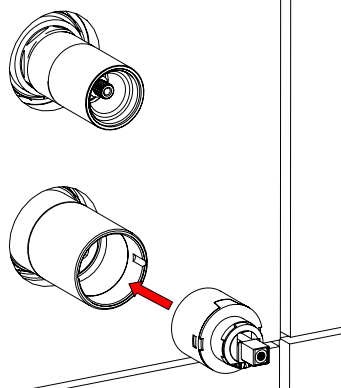
3B

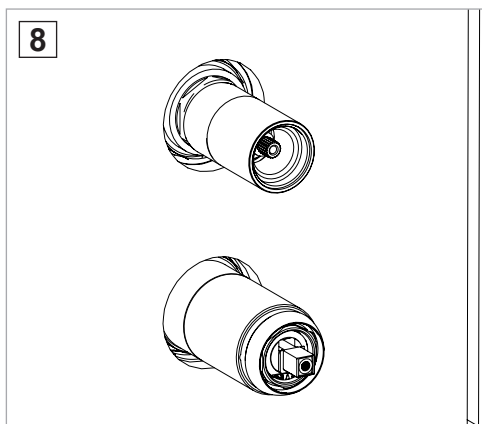
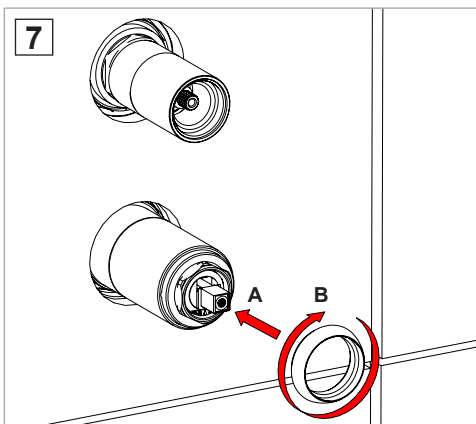
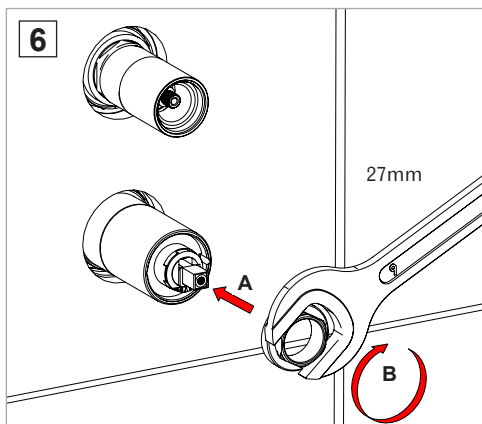


4



5





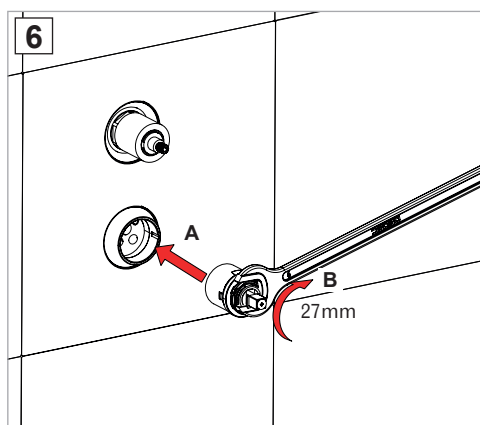
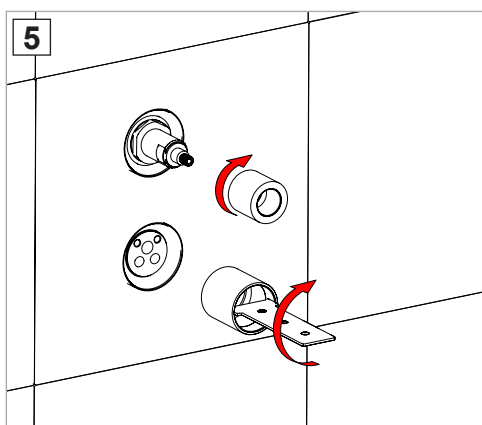
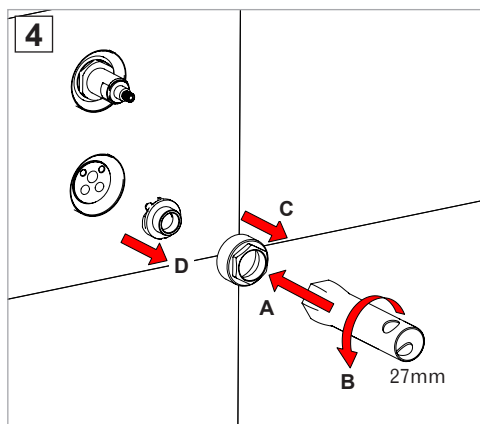
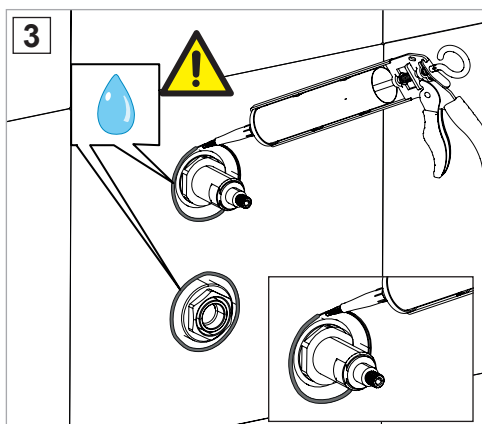
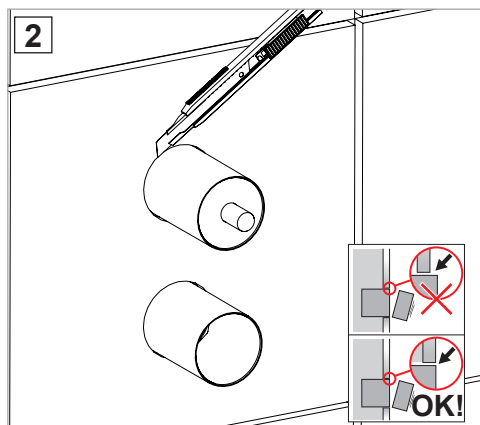
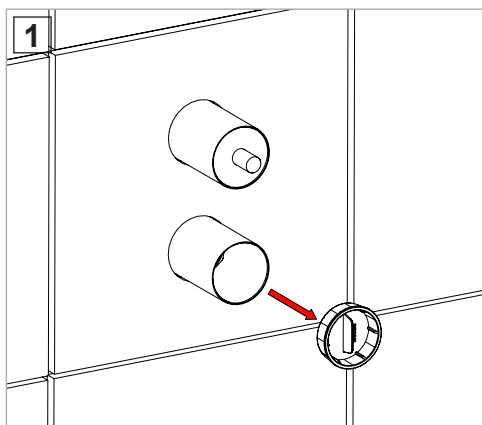
Proseguire con figura 8 pag. 18.

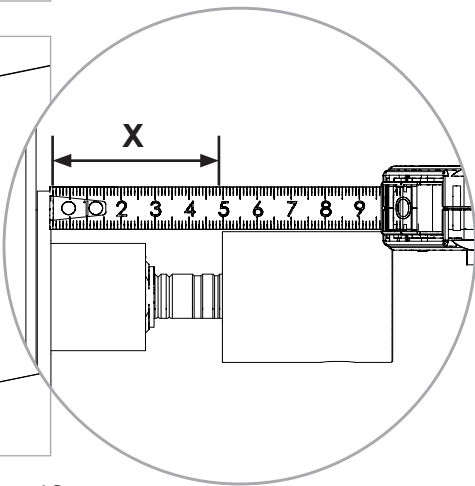
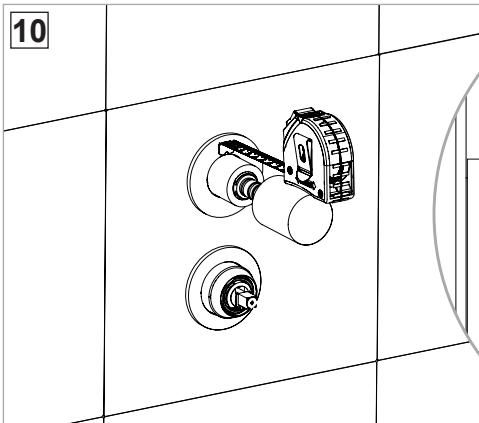
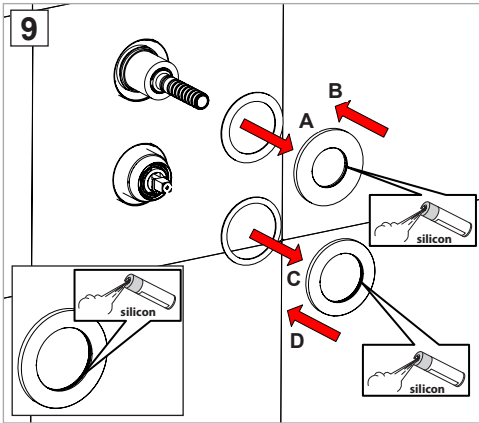
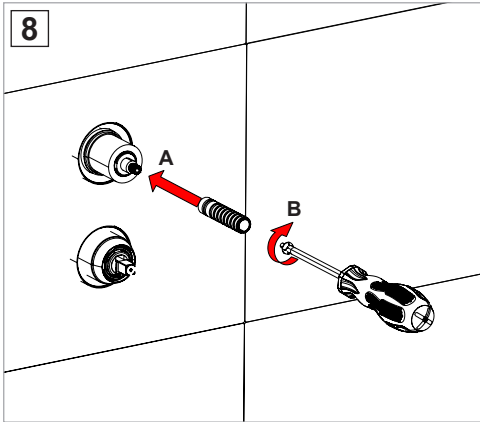
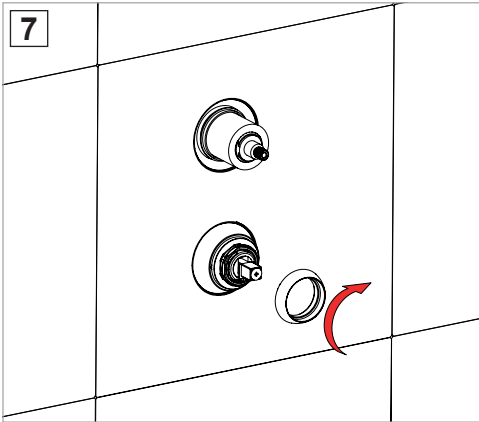
Continue with figure 8 on page 18.

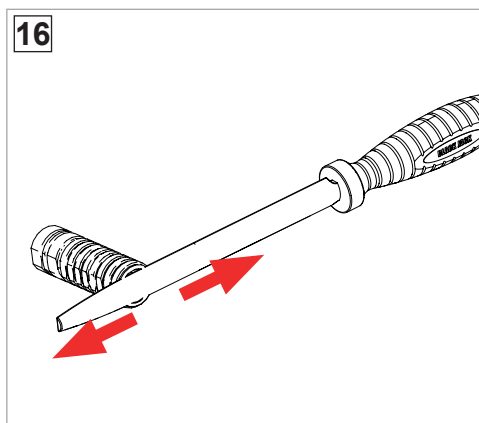
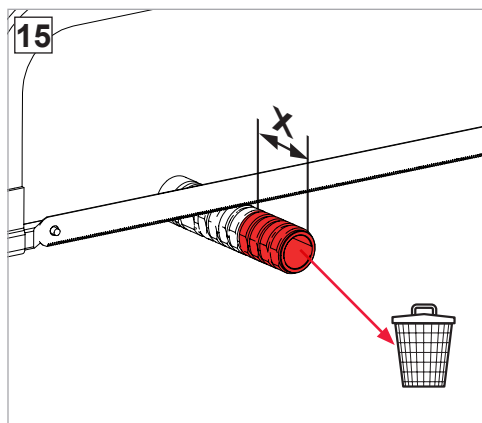
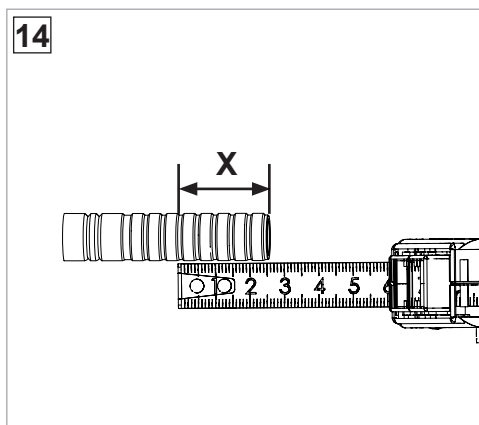
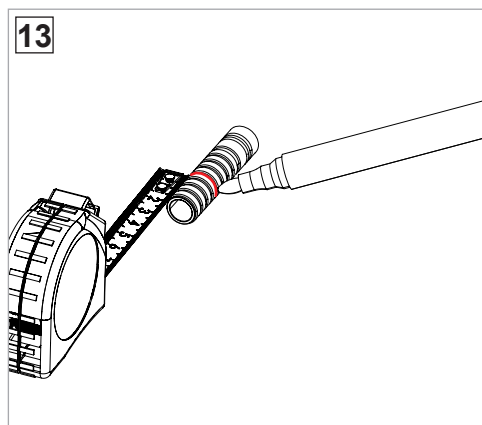
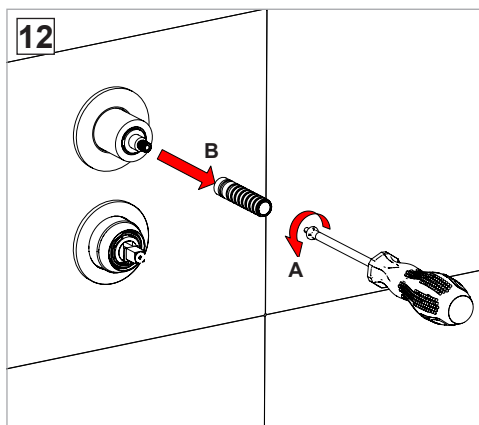
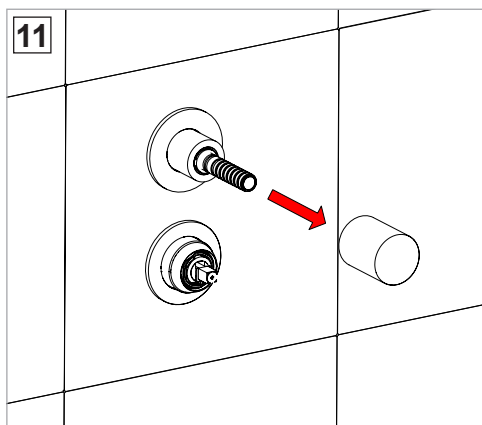
Continuer avec la figure 8 à la page 18.

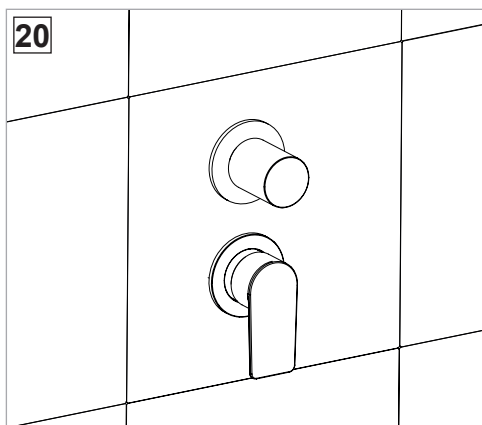
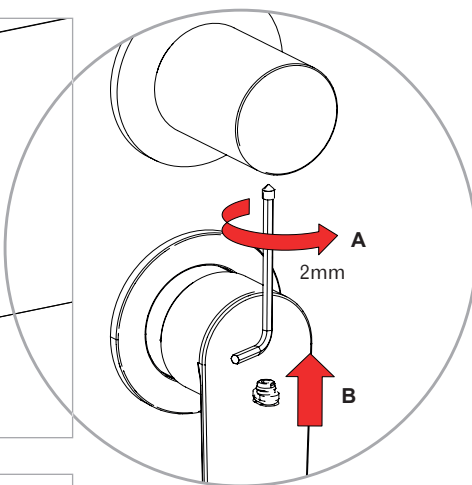
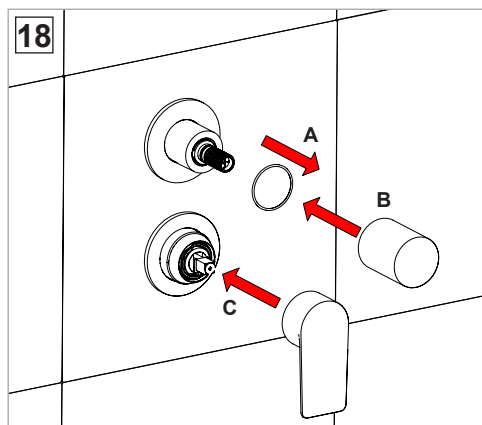
Weiter mit Abbildung 8 auf Seite 18.

Continúe con la figura 8 en la página 18.

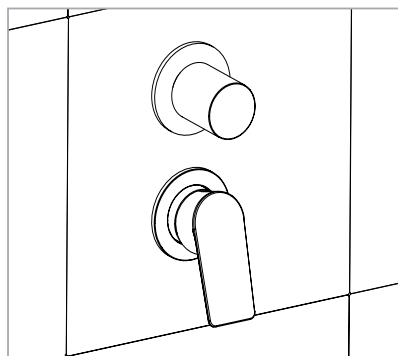
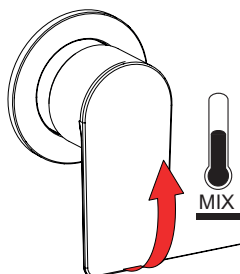
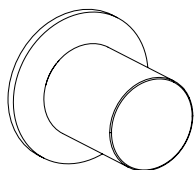




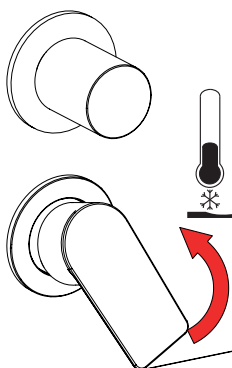




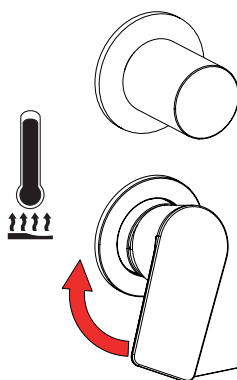
1

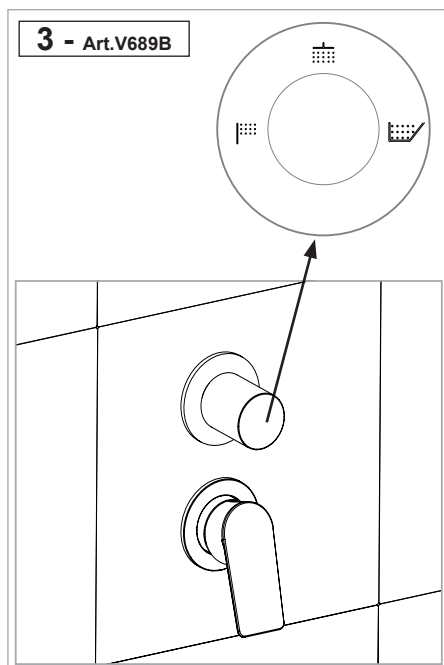
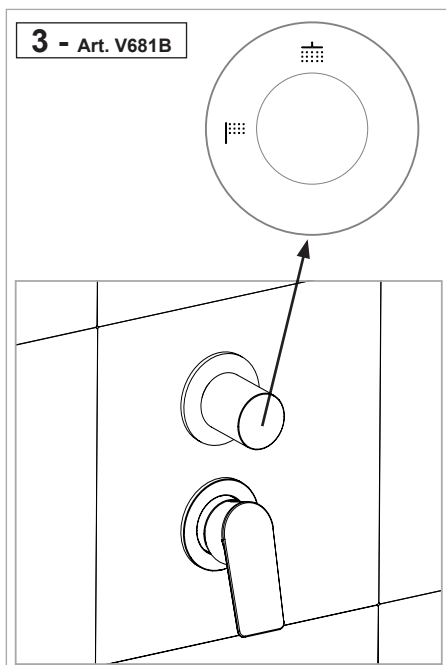


2

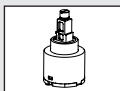


2

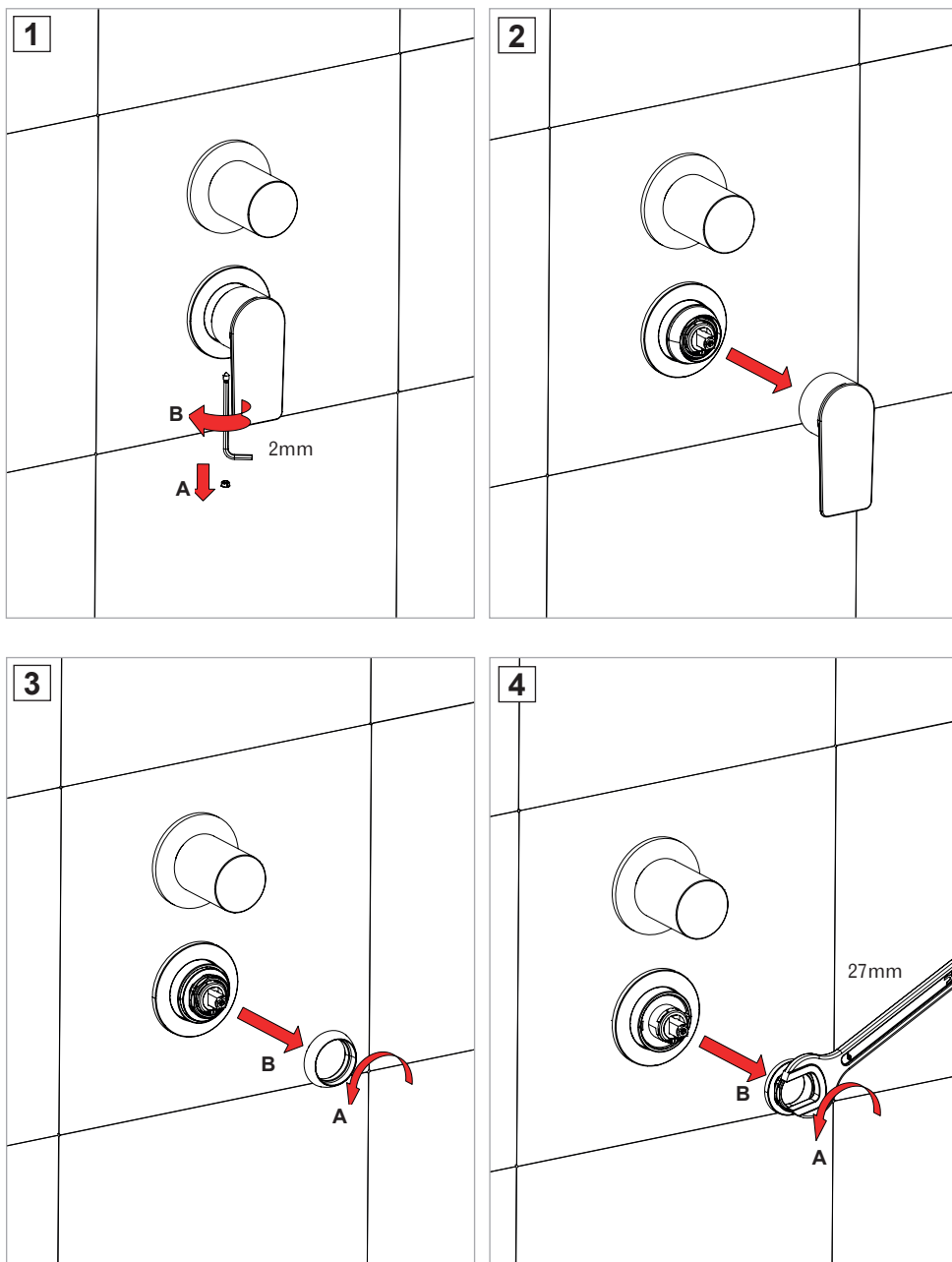


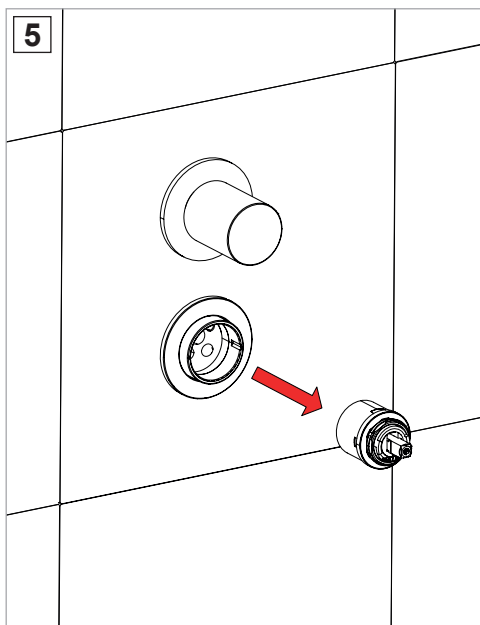
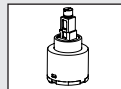


- IT** Al primo utilizzo o dopo un lungo periodo di inutilizzo, non consumare il primo mezzo litro di acqua potabile erogata. Chiudere l'impianto idraulico in caso di prolungata assenza. Controllare periodicamente la tenuta.
- EN** On first use or following prolonged periods of inactivity, do not use the first half-litre of drinking water dispensed. Shut off the plumbing system in the event of a long absence. Check the water-tightness regularly.
- FR** Lors de la première utilisation ou après une longue période de non utilisation, ne pas consommer le premier demi-litre d'eau potable qui sort du robinet. Fermer l'installation hydraulique en cas d'absence prolongée. Contrôler périodiquement l'étanchéité.
- DE** Schütten Sie bei Erstbenutzung oder nach einem längeren Zeitraum der Nichtbenutzung den ersten halben Liter Trinkwasser weg. Stellen Sie das Wasser bei längerer Abwesenheit ab. Prüfen Sie in regelmäßigen Abständen die Dichtheit.
- ES** Durante el primer uso o tras un largo periodo de inactividad, no consumir el primer medio litro de agua potable que salga del grifo. Cerrar la instalación de agua si va a estar ausente durante un largo periodo. Comprobar periódicamente que no haya pérdidas.
- PT** Na primeira utilização ou após um longo período de inutilização, não consuma o primeiro meio litro de água potável distribuída. Feche o circuito hidráulico no caso de ausência prolongada. Verifique periodicamente a vedação.

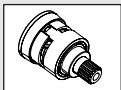


SOSTITUZIONE CARTUCCIA - CARTRIDGE REPLACEMENT - REMPLACEMENT DE LA CARTOUCHE
AUSWECHSELN DEL KARTUSCHE - SOSTITUION DEL CARTUCHO

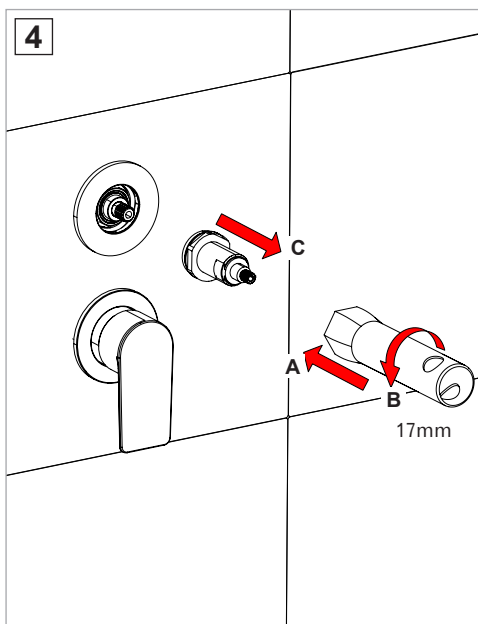
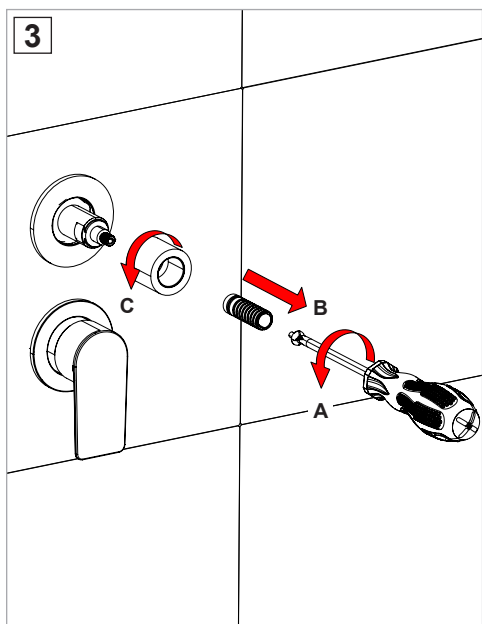
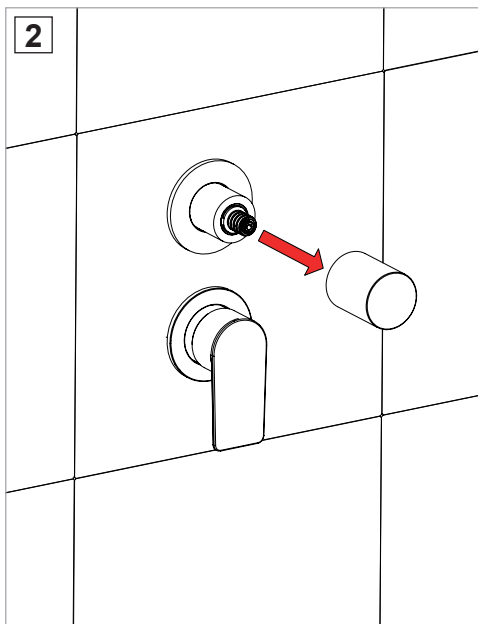
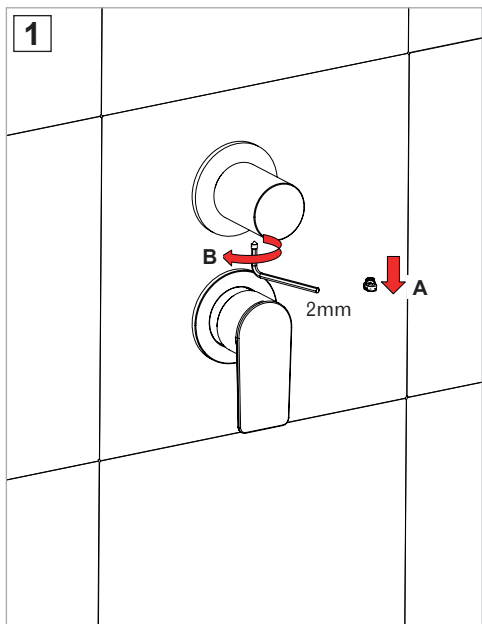


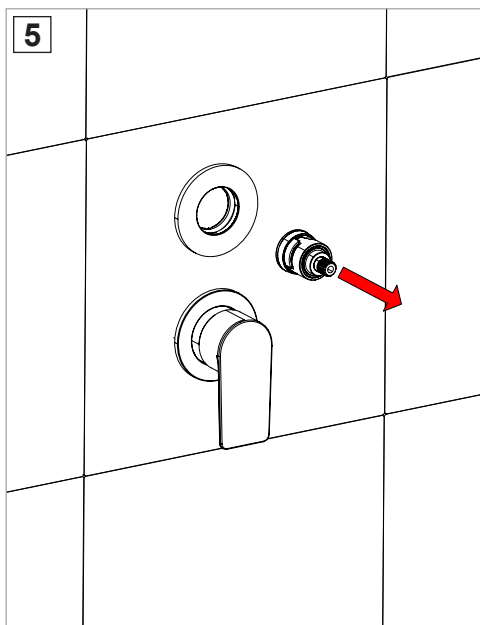
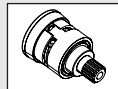


- Rimontare seguendo il procedimento inverso (5-4-3-2-1).
- Replace following the instructions in reverse order (5-4-3-2-1).
- Re-installer au contraire du procédé (5-4-3-2-1).
- Die umgekehrte Vorgehensweise folgen um die Teil wieder zu installieren (5-4-3-2-1).
- Colocar según el procedimiento inverso (5-4-3-2-1).



SOSTITUZIONE DEVIATORE - DIVERTER REPLACEMENT / REMPLACEMENT DE INVERSEUR
 AUSWECHSELN DER UMSTELLER / SUSTITUCION DEL DISTRIBUIDOR





- Rimontare seguendo il procedimento inverso (5-4-3-2-1).
- Replace following the instructions in reverse order (5-4-3-2-1).
- Re-installer au contraire du procédé (5-4-3-2-1).
- Die umgekehrte Vorgehensweise folgen um die Teil wieder zu installieren (5-4-3-2-1).
- Colocar según el procedimiento inverso (5-4-3-2-1).

[illegible]



Fratelli Fantini Spa

via Buonarroti, 4

Pella (NO) Italia

T +39 0322 918411 r.a.

F +39 0322 969530

fantini@fantini.it

www.fantini.it



1161000040000000 Rev. 1