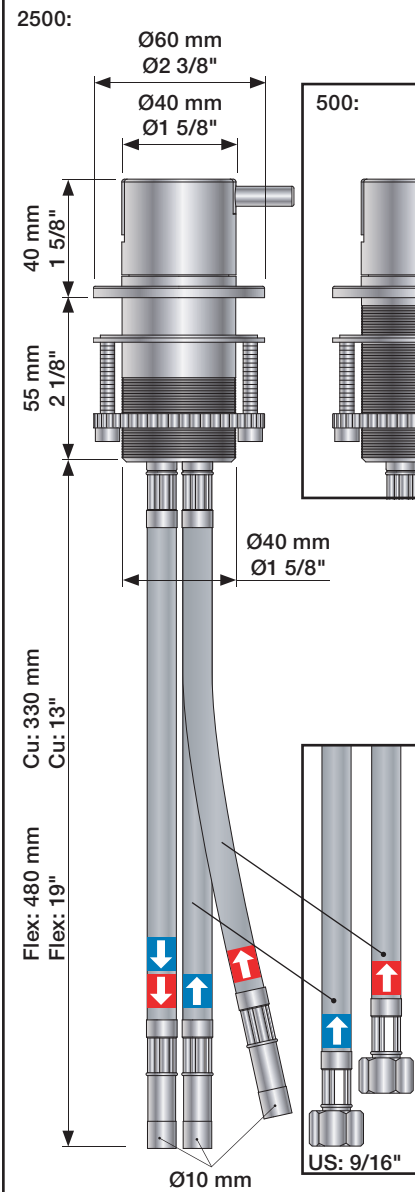
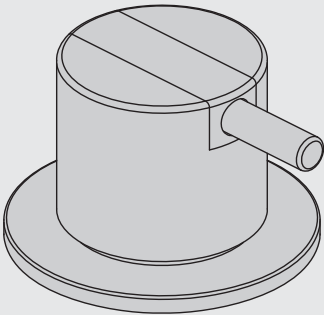


VOLA 500, 590, 500T1  
VOLA 2500  
VOLA SC1, SC3, SC5, SC7, SC9, SC10, SC12

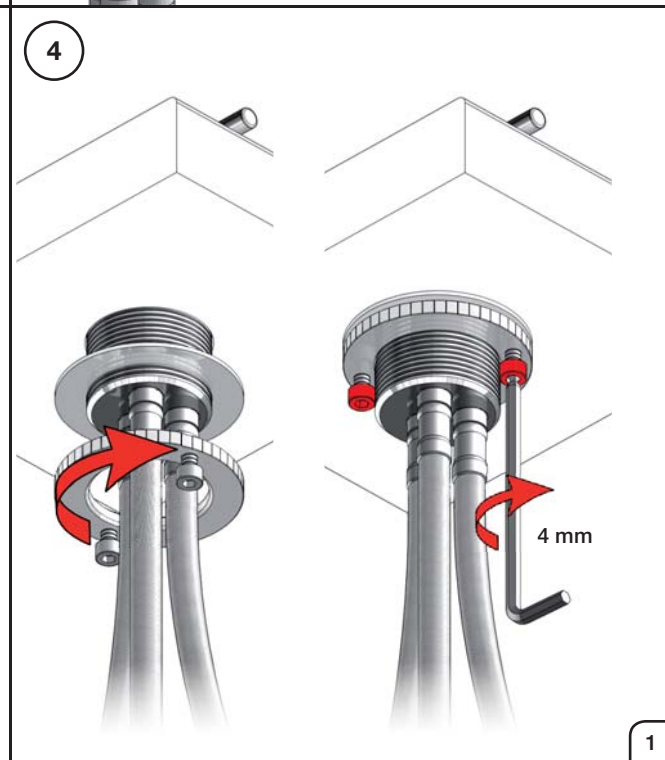
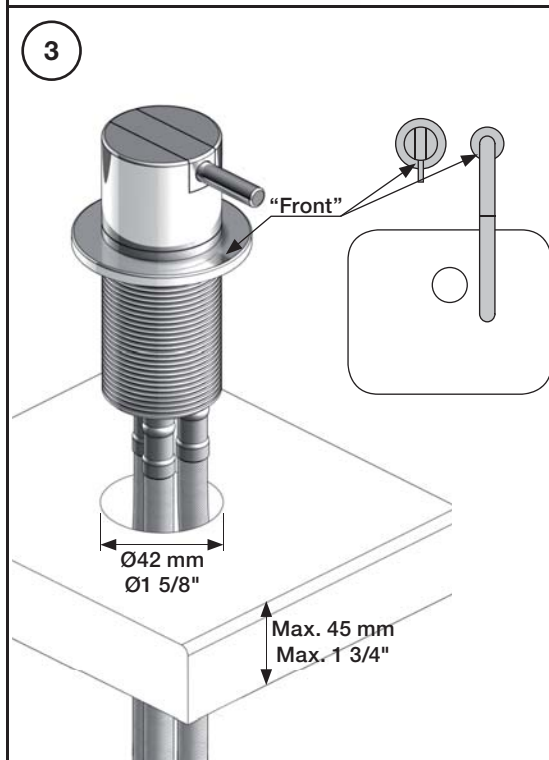
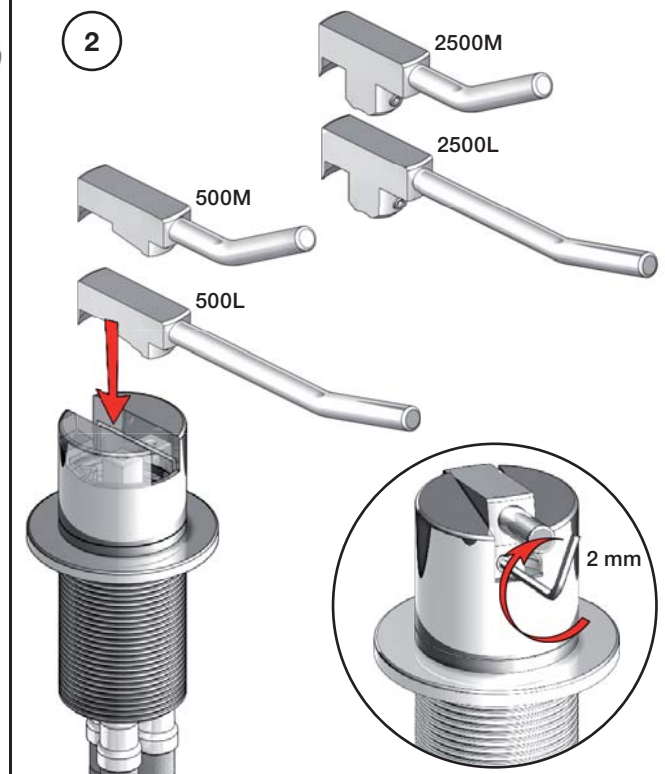
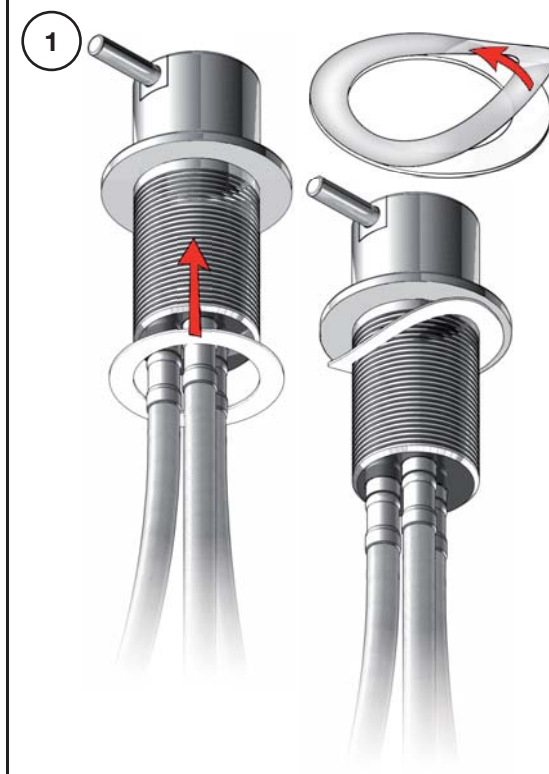
Fitting instruction  
Montageanleitung  
Monteringsvejledning  
Monteringsvægledning  
Montage hanleiding  
Manuel de montage

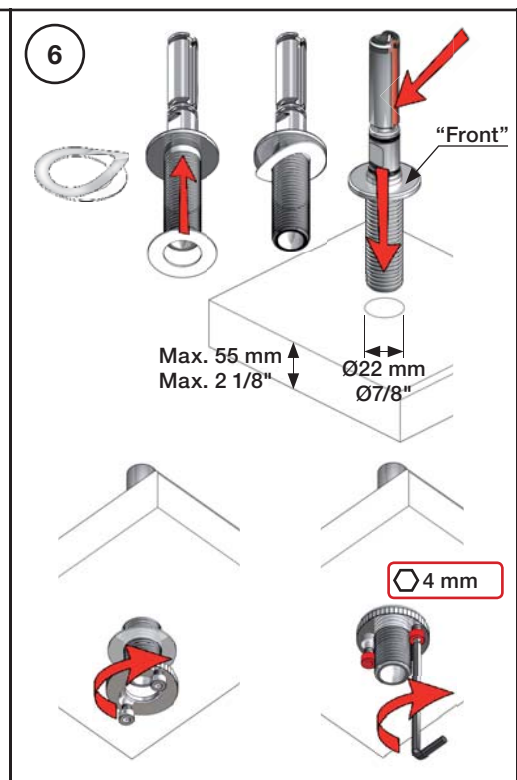


**Data, 3 Bar:**

|         | l/min. | Gal/min. |
|---------|--------|----------|
| 500:    | 14,5   | 3.8      |
| 590:    | 9,0    | 2.4      |
| 500-T1: | 11,0   | 2.9      |
| 2500:   | 18,7   | 4.9      |
| SC1:    | 18,7   | 4.9      |
| SC5, 7: | 18,0   | 4.8      |
| SC9:    | 11,0   | 2.9      |

Max. 65°C, 150°F



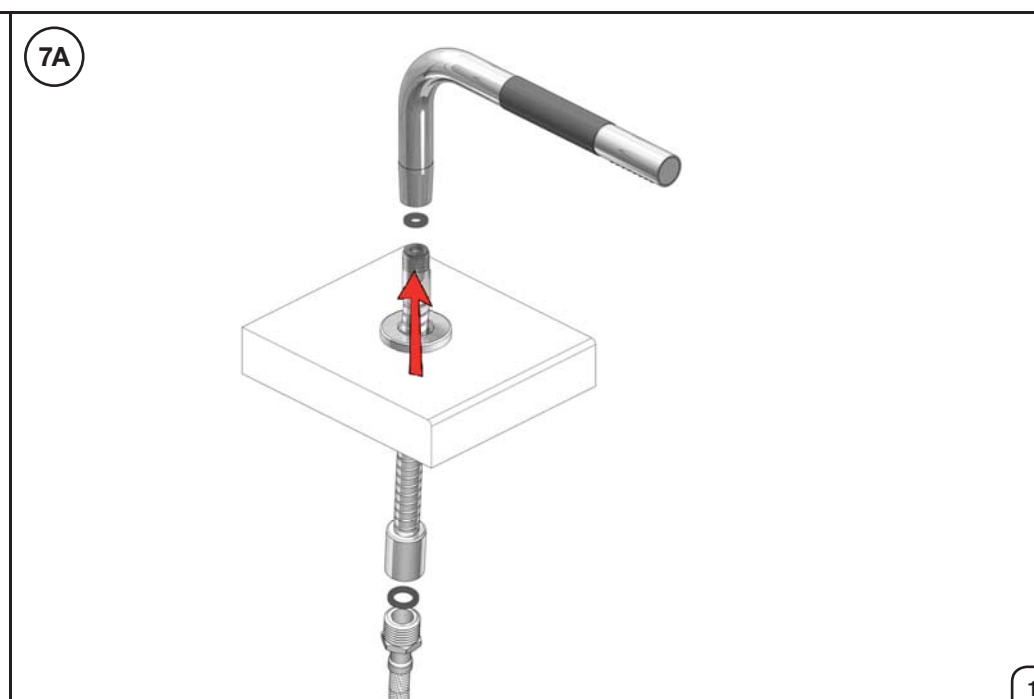
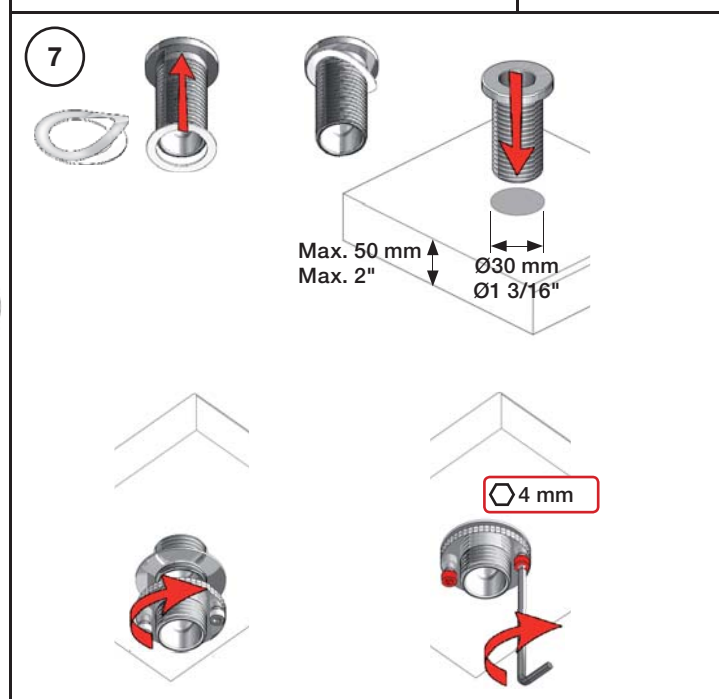
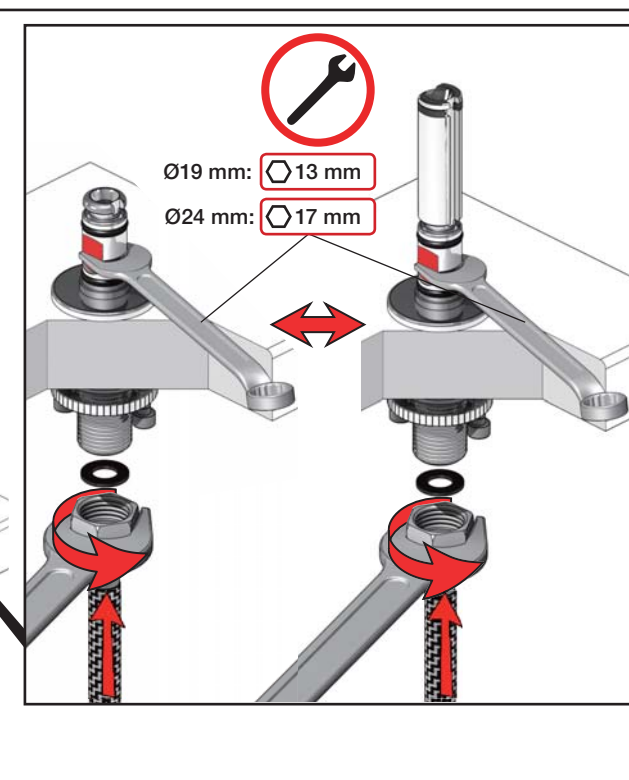


**6A**

| mm:  | H   | D   | h   |
|------|-----|-----|-----|
| 090  | 210 | 200 | 145 |
| 090A | 110 | 85  | 40  |
| 090B | 185 | 100 | 114 |
| 090C | 185 | 100 | 114 |
| 090D | 220 | 200 | 130 |
| 090E | 170 | 200 | 65  |
| 090G | 185 | 140 | 105 |
| 090H | 265 | 230 | 155 |
| 090I | 325 | 230 | 216 |
| 090V | 355 | 145 | 270 |

| Inches: | H       | D      | h       |
|---------|---------|--------|---------|
| 090     | 8 1/2"  | 8"     | 5 3/4"  |
| 090A    | 4 1/4"  | 3 1/2" | 1 1/2"  |
| 090B    | 7"      | 4"     | 4 1/2"  |
| 090C    | 7"      | 4"     | 4 1/2"  |
| 090D    | 8 3/4"  | 8"     | 5"      |
| 090E    | 6 3/4"  | 8"     | 2 1/2"  |
| 090G    | 7"      | 5 1/2" | 4"      |
| 090H    | 10 1/2" | 9"     | 6"      |
| 090I    | 12 3/4" | 9"     | 8 1/2"  |
| 090V    | 14"     | 5 3/4" | 10 1/2" |



**VOLA 010, 020, 030, 040, 040B**  
**VOLA 010C, 020C, 040D**

Fitting instruction  
 Montageanleitung  
 Monteringsvejledning  
 Monteringsvægledning  
 Montage hanleiding  
 Manuel de montage



010, 020

010C, 020C

030

040, 040B

040D

www.vola.com

mnt\_010\_V1\_40998982



| Standard Flow data: |           | Max.                     |
|---------------------|-----------|--------------------------|
| 010/020             | (l/min)   | 5.0                      |
|                     | (Gal/min) | 1.3                      |
| 010C/020C           | (l/min)   | 30                       |
|                     | (Gal/min) | 7.9                      |
| 030                 | (l/min)   | 9.0                      |
|                     | (Gal/min) | 2.0                      |
| 040/040B            | (l/min)   | 25                       |
|                     | (Gal/min) | 6.6                      |
| 040D                | (l/min)   | 30                       |
|                     | (Gal/min) | 7.9                      |
|                     |           | Max. 65°C.<br>Max. 150°F |

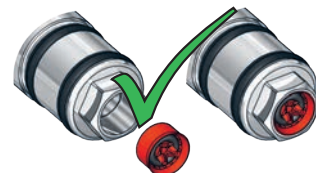


**VR161:**

VR161K: 7 l/min - 1.8 Gal/min

VR161D: 9 l/min - 2.5 Gal/min

VR161F: 14 l/min - 3.7 Gal/min



For more water saving possibilities please see:

Weitere Wassersparmöglichkeiten finden Sie auf:

For flere vandbesparende muligheder se venligst:

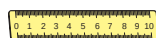
För mer vattenbesparande möjligheter hänvisas till:

Voor meer waterbesparende mogelijkheden zie:

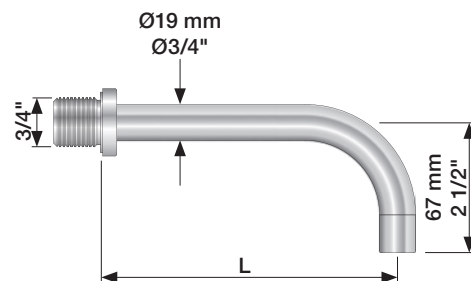
Pour plus d'informations sur les options : économie d'eau, voir le site:



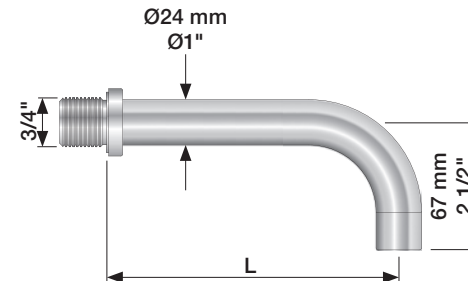
www.vola.com



010, 020

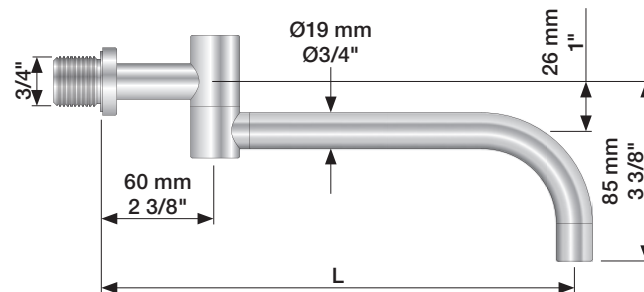


010C, 020C



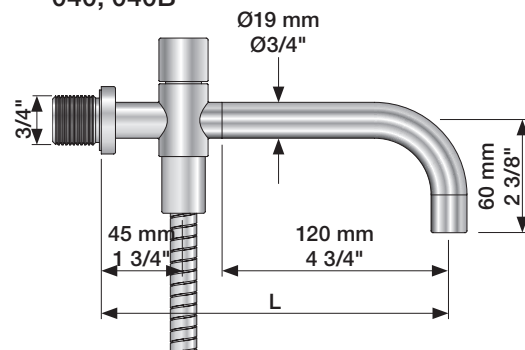
|            | L (mm) | L (Inch) |
|------------|--------|----------|
| 010(C)/100 | 100    | 4"       |
| 010(C)/130 | 130    | 5"       |
| 010(C)/160 | 160    | 6"       |
| 020(C)/200 | 200    | 7 3/4"   |
| 020(C)/225 | 225    | 8 3/4"   |
| 020(C)/260 | 260    | 10 1/4"  |
| 020(C)/300 | 300    | 11 3/4"  |

030

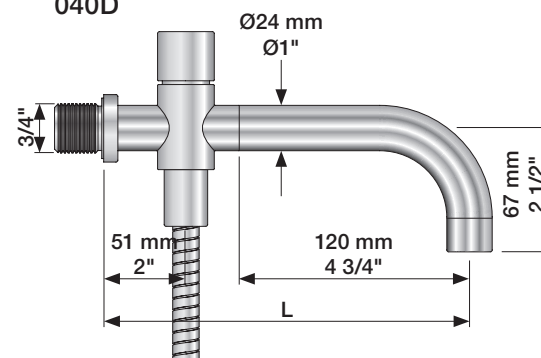


|         | L (mm) | L (Inch) |
|---------|--------|----------|
| 030/200 | 200    | 7 3/4"   |
| 030/250 | 250    | 9 3/4"   |
| 030/300 | 300    | 11 3/4"  |
| 030/350 | 350    | 13 3/4"  |

040, 040B



040D

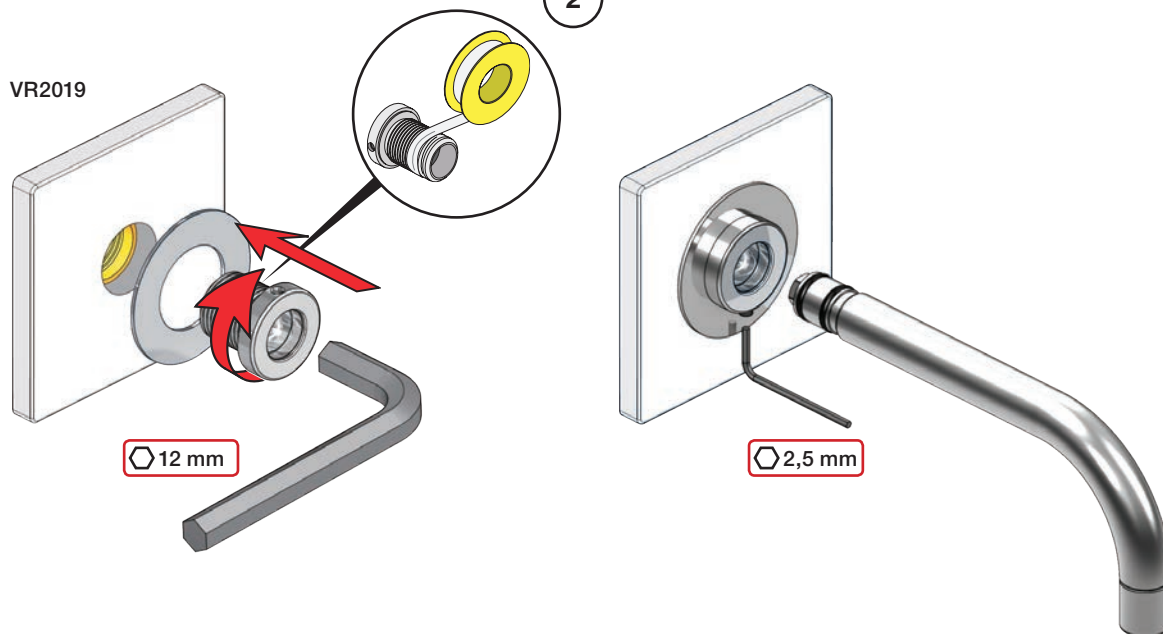


|          | L (mm) | L (Inch) |
|----------|--------|----------|
| 040      | 185    | 7 3/4"   |
| 040B     | 235    | 9 3/4"   |
| 040D     | 200    | 7 3/4"   |
| 040D/250 | 250    | 9 3/4"   |
| 040D/300 | 300    | 11 3/4"  |

1

010, 020, 030, 040, 040B

VR2019

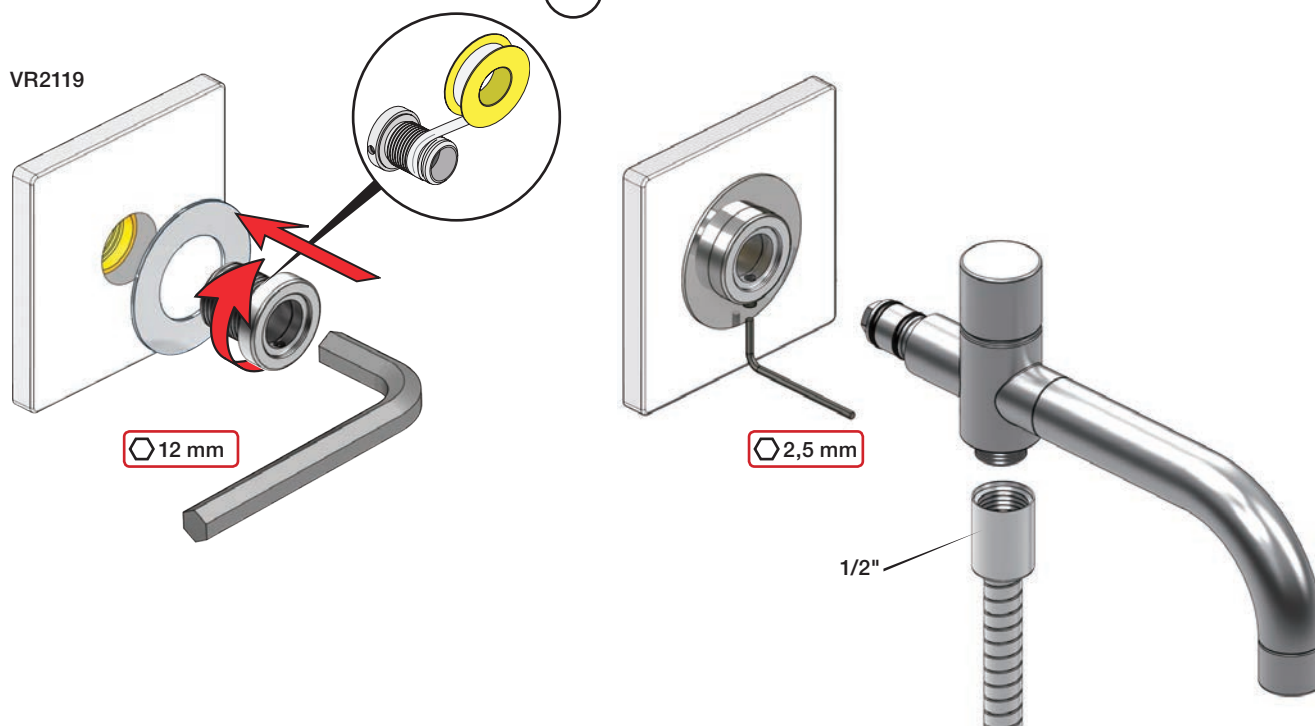


2

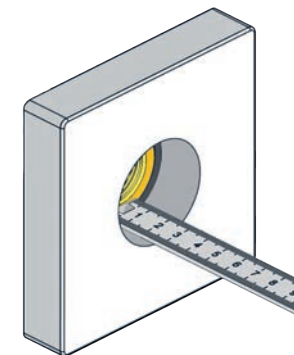
3

010C, 020C, 040D

VR2119

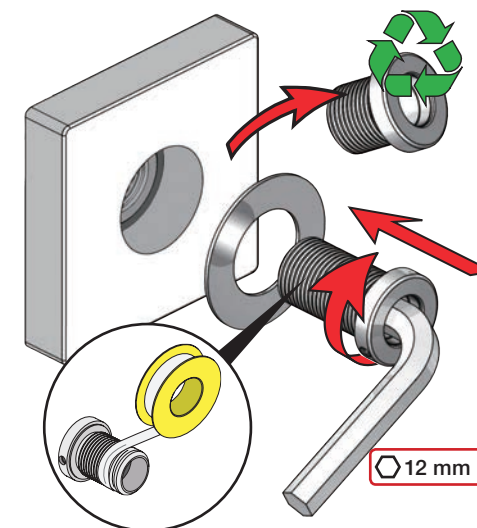


4

Extension  
VerlängerungForlængerdele  
FörlängningVerlengstukken  
Modification

|                                                       |            | VR2019:  | VR2119:  |
|-------------------------------------------------------|------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Tiles:<br>Fliesen:<br>Fliser:<br>Tegels:<br>Carreaux: | 3 - 15 mm  | Standard                                                                                    | Standard                                                                                    |
|                                                       | 15 - 25 mm | VR2019+10                                                                                   | VR2119+10                                                                                   |
|                                                       | 25 - 35 mm | VR2019+20                                                                                   | VR2119+20                                                                                   |
|                                                       | 35 - 45 mm | VR2019+30                                                                                   | VR2119+30                                                                                   |
|                                                       | 45 - 55 mm | VR2019+40                                                                                   | VR2119+40                                                                                   |
|                                                       | 55 - 65 mm | VR2019+50                                                                                   | VR2119+50                                                                                   |

VR2019+/VR2119+





VOLA 200M

Fitting instruction

Montageanleitung

Monteringsvejledning

Monteringsvægledning

Montage hanleiding

Manuel de montage

www.vola.com

200M\_V1\_40998506

vola

5 705230 288055

VR968:

To be ordered separately.  
Werden separat bestellt.  
Bestilles separat.  
Beställs separat.  
Apart te bestellen.  
À commander séparément.

Max.: 10 Bar/145 psi

Max. 65°C, 150°F

Check the local legislation.  
Bitte die örtlichen Vorschriften überprüfen.  
Tjek de lokale regler.  
Kontrollera lokala föreskrifter  
Nazitten lokale regelgeving.  
Vérifiez la législation locale.

200M & VR968:

Extension  
Verlängerung

Forlængerdele  
Förlängning

Verlengstukken  
Modification

VR2019: 010, 020, 030, 040/B, 050K,  
070/R/S/W, 080/K/D/DK

VR2020: 080W

VR2119: 010C, 020C, 040D

VR2219: 050, 050A, 060A

VR648: 060, 080ST

VR2019:  
VR2020:  
VR2119:  
VR2219:

VR648:

| VR2019, VR2020, VR2119, VR2219 |            |      | VR648:    |            |      |
|--------------------------------|------------|------|-----------|------------|------|
| Tiles:                         | 3 - 15 mm  | Std. | Tiles:    | 3 - 19 mm  | Std. |
| Fliesen:                       | 15 - 25 mm | +10  | Fliesen:  | 17 - 28 mm | +10  |
| Fliser:                        | 25 - 35 mm | +20  | Fliser:   | 27 - 38 mm | +20  |
| Tegels:                        | 35 - 45 mm | +30  | Fliser:   | 37 - 48 mm | +30  |
| Carreaux:                      | 45 - 55 mm | +40  | Tegels:   | 47 - 58 mm | +40  |
|                                | 55 - 65 mm | +50  | Carreaux: | 57 - 68 mm | +50  |

Installation example

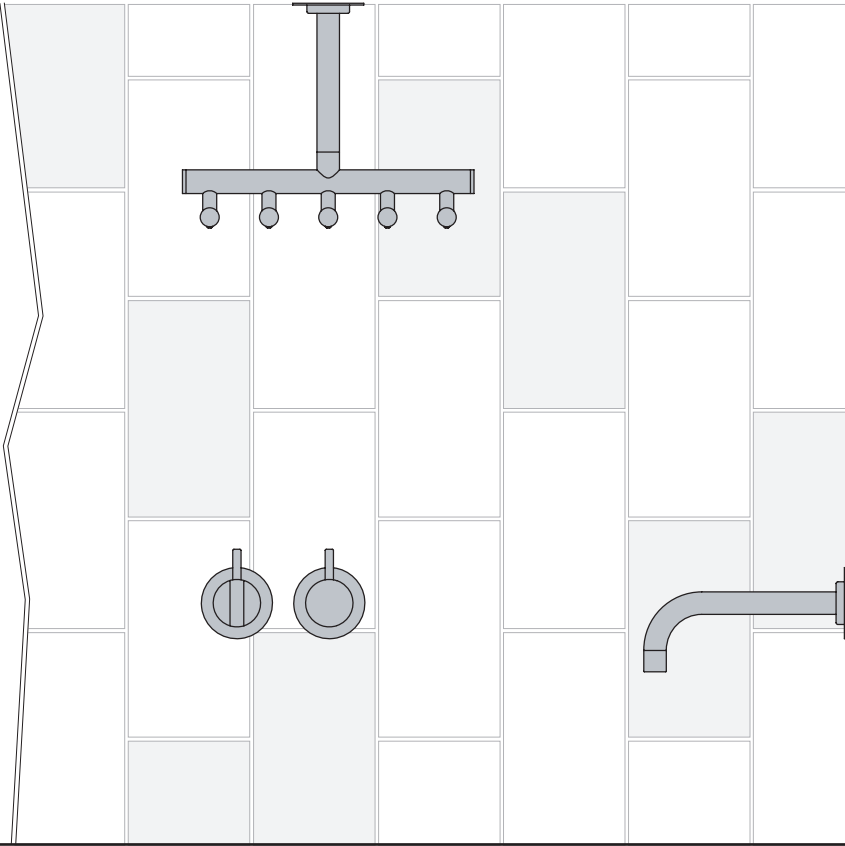
Installationsbeispiel

Installationseksempel

Installationsexemplar

Installatie voorbeeld

l'installation des exemple



Fitting of extension  
Montage von verlängerung

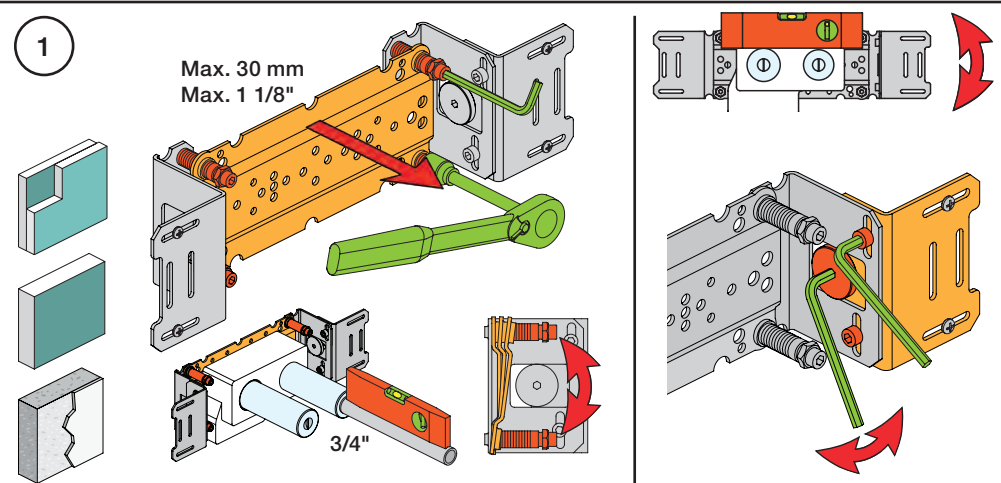
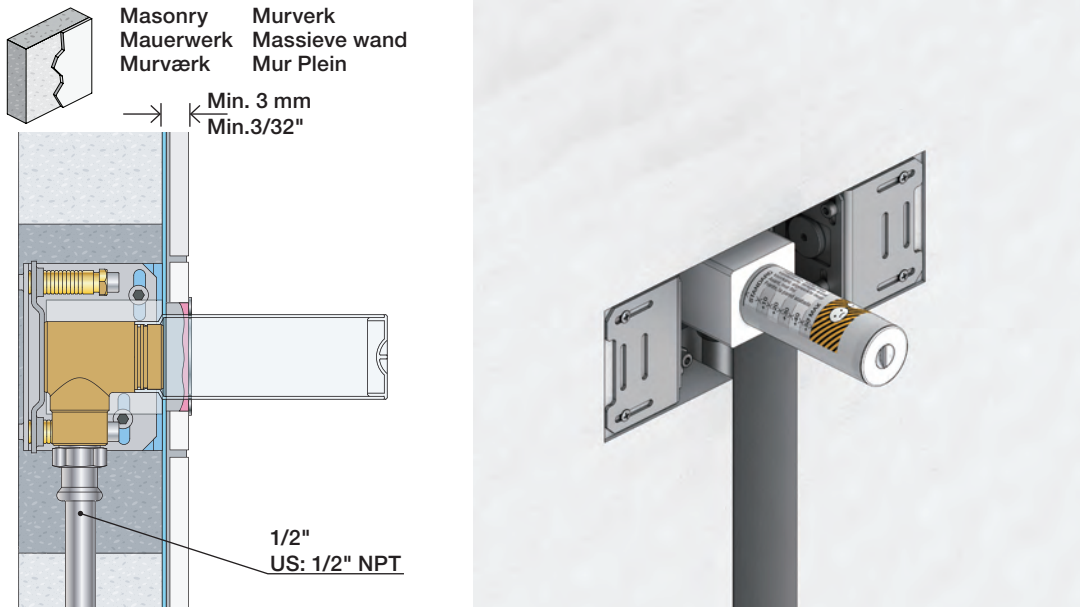
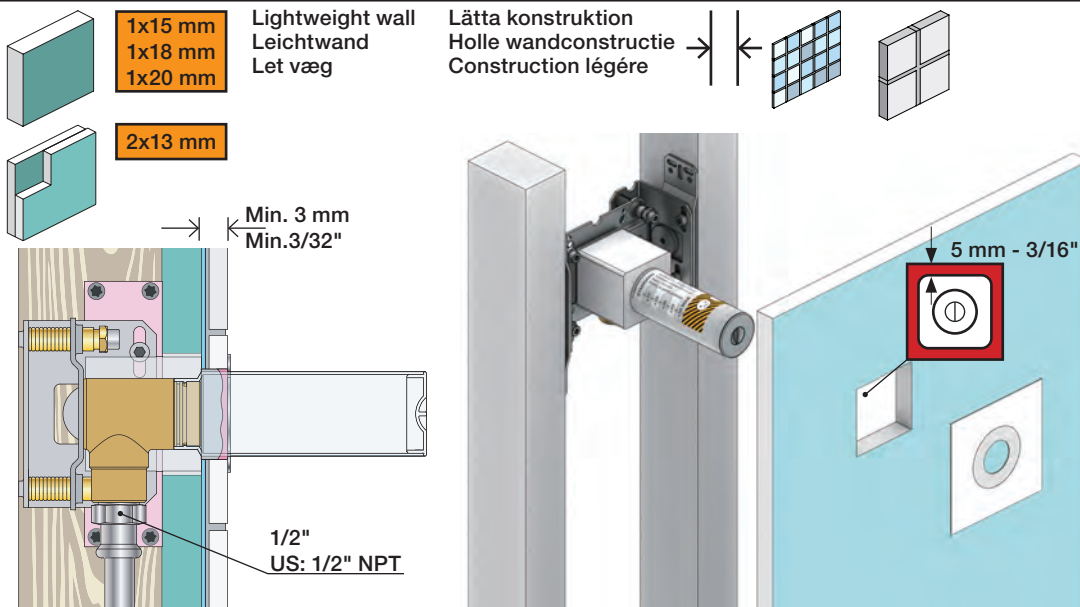
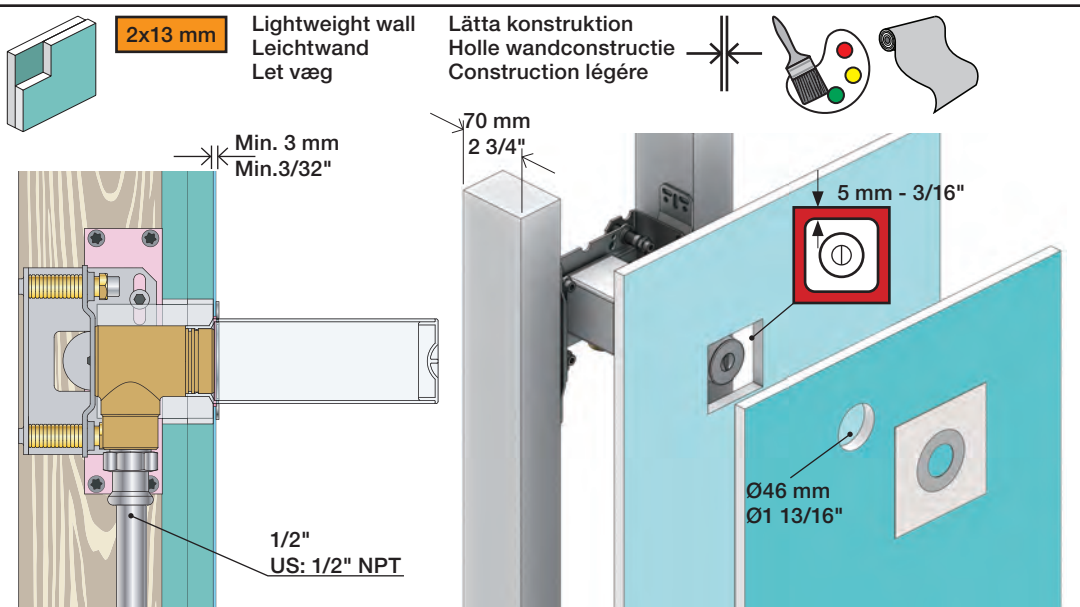
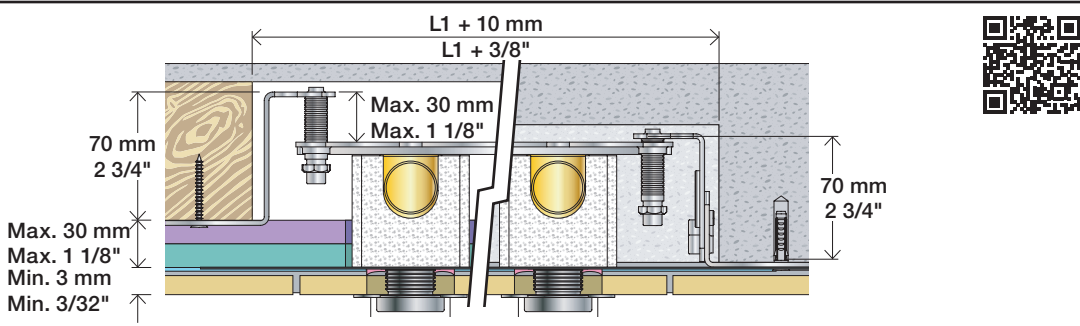
VR2019+, VR2119+  
VR2020+, VR2219+

Montering af forlængerdele  
Montering av förlängning

VR648+

Montage van de verlengstukken  
Montage des rallonges





**2**

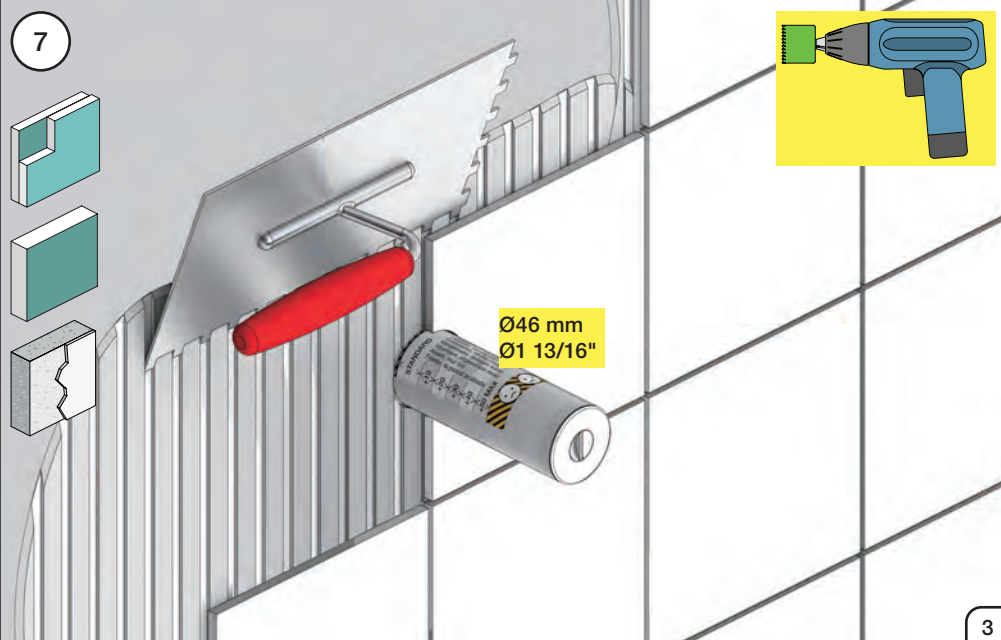
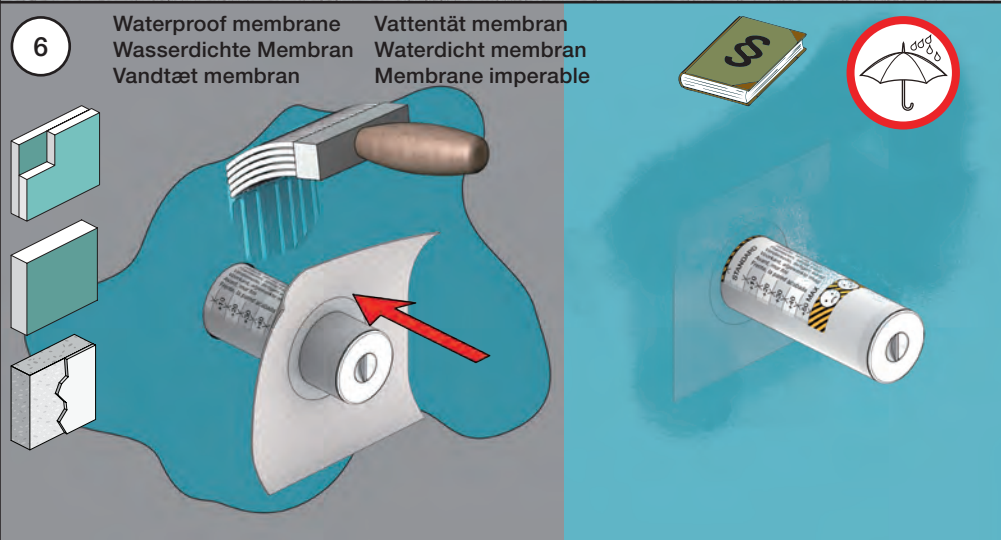
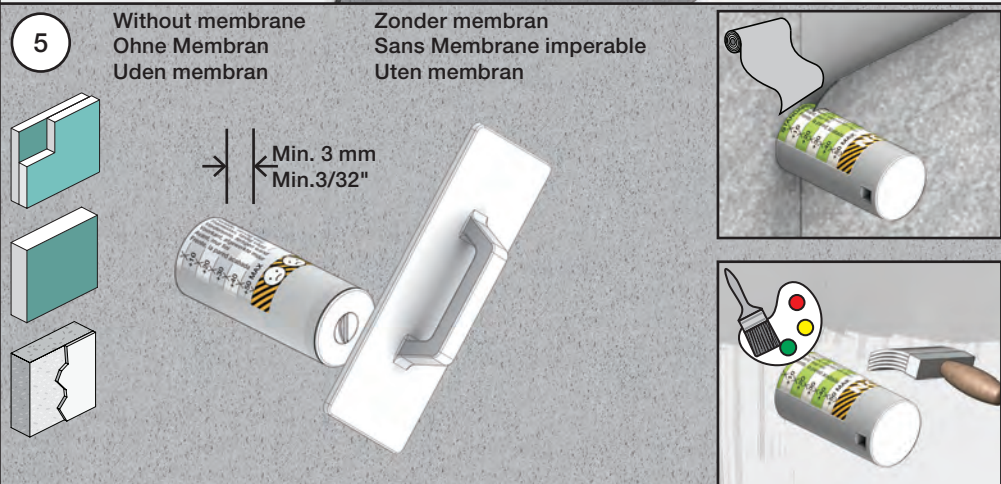
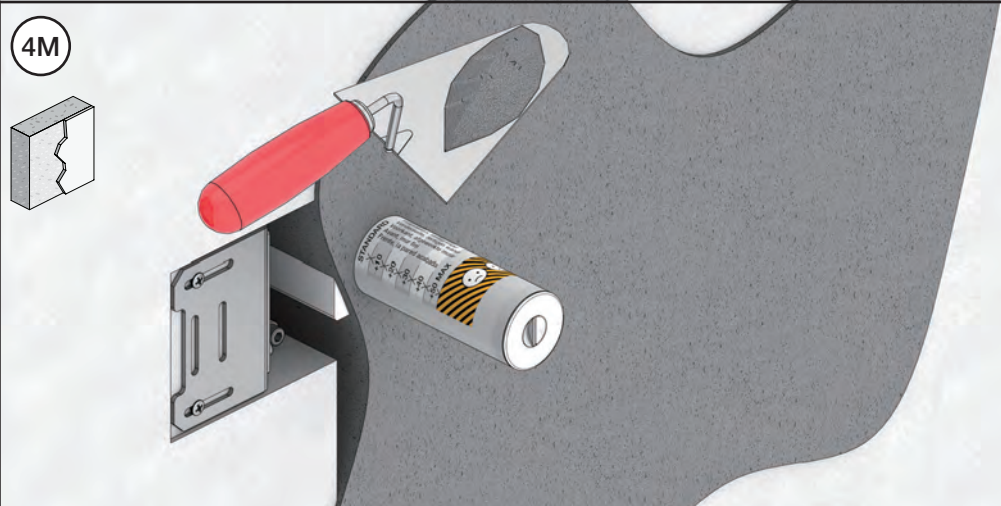
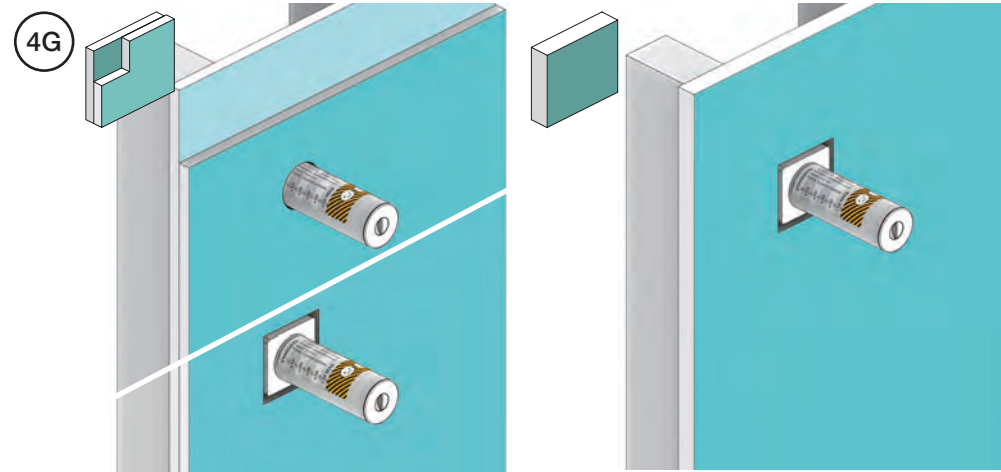
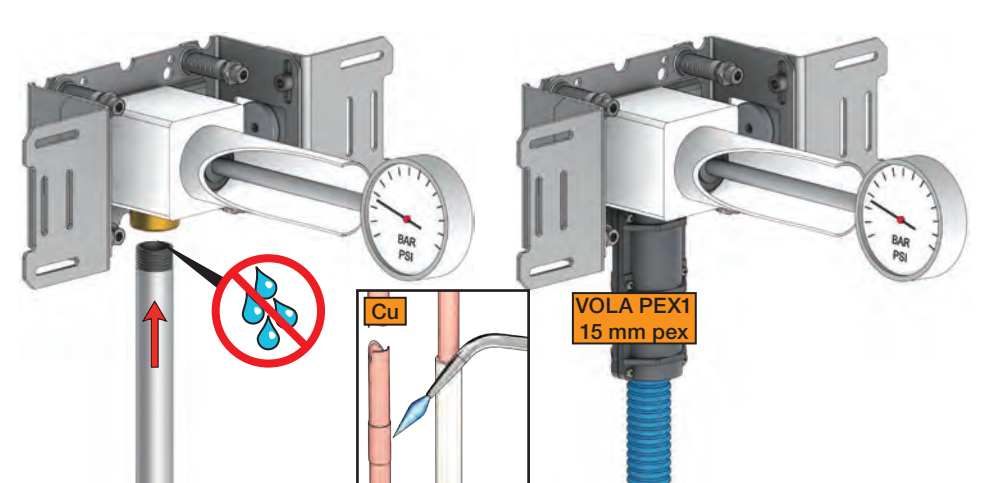
Test Pressure  
Prüfdruck  
testtryk  
Test tryck  
Test druk  
test de pression

Check the local legislation.  
Bitte die örtlichen Vorschriften überprüfen.  
Tjek de lokale regler.  
Kontrollera lokala föreskrifter.  
Nazitten lokale regelgeving.  
Vérifiez la législation locale.

**! Water - Wasser - Vand - Vatten - Water - L'eau**

**1.** MAX. 16 Bar  
232 Psi

**2.** MAX. 4 Bar  
58 Psi





**VOLA 010, 020, 030, 040**  
**VOLA 010C, 020C, 040D**

Fitting instruction  
 Montageanleitung  
 Monteringsvejledning  
 Monteringsvægledning  
 Montage hanleiding  
 Manuel de montage



04/00026  
 04/00101  
 04/00175  
 04/00298

**010, 020**

**010C, 020C**

**030**

**040**

**040D**

www.vola.com

mnt\_010\_V1\_40998360  
 02-10-2023



5 705230 341750

| Standard Flow data: |           | Max.                     |
|---------------------|-----------|--------------------------|
| 010/020             | (l/min)   | 5.0                      |
|                     | (Gal/min) | 1.3                      |
| 010C/020C           | (l/min)   | 30                       |
|                     | (Gal/min) | 7.9                      |
| 030                 | (l/min)   | 9.0                      |
|                     | (Gal/min) | 2.0                      |
| 040                 | (l/min)   | 25                       |
|                     | (Gal/min) | 6.6                      |
| 040D                | (l/min)   | 30                       |
|                     | (Gal/min) | 7.9                      |
|                     |           | Max. 65°C.<br>Max. 150°F |



**VR161:**

VR161K: 7 l/min - 1.8 Gal/min

VR161D: 9 l/min - 2.5 Gal/min

VR161F: 14 l/min - 3.7 Gal/min

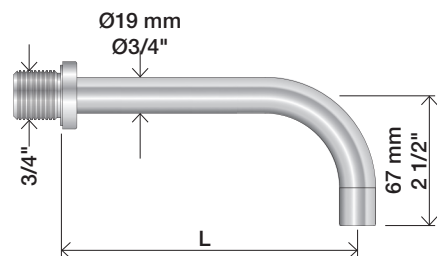


For more water saving possibilities please see:  
 Weitere Wassersparmöglichkeiten finden Sie auf:  
 For flere vandbesparende muligheder se venligst:  
 För mer vattenbesparande möjligheter hänvisas till:  
 Voor meer waterbesparende mogelijkheden zie:  
 Pour plus d'informations sur les options : économie d'eau, voir le site:

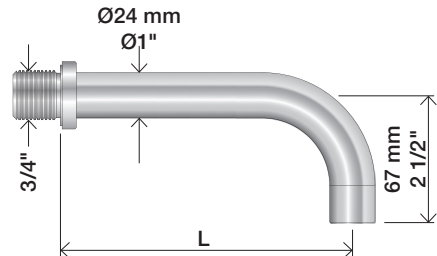
[www.vola.com](http://www.vola.com)



**010, 020**

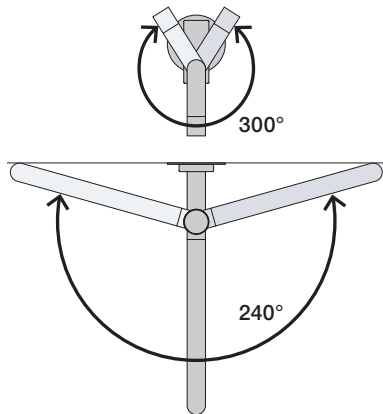
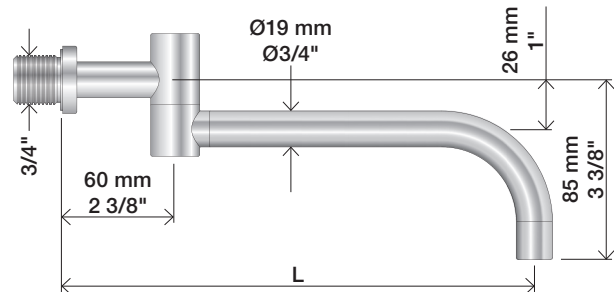


**010C, 020C**



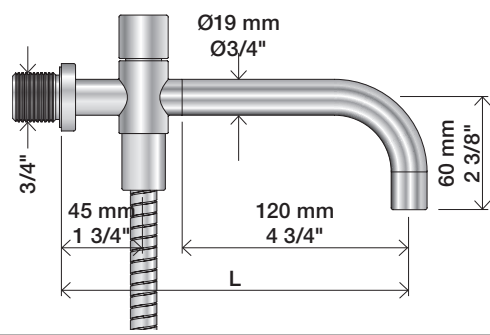
|            | L (mm) | L (Inch) |
|------------|--------|----------|
| 010(C)/100 | 100    | 4"       |
| 010(C)/130 | 130    | 5"       |
| 010(C)/160 | 160    | 6"       |
| 020(C)/200 | 200    | 7 3/4"   |
| 020(C)/225 | 225    | 8 3/4"   |
| 020(C)/260 | 260    | 10 1/4"  |
| 020(C)/300 | 300    | 11 3/4"  |

**030**

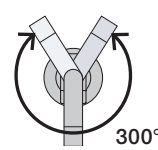
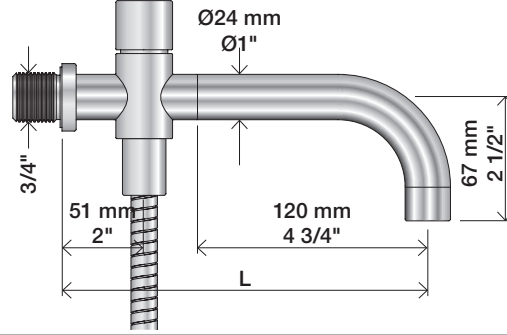


|         | L (mm) | L (Inch) |
|---------|--------|----------|
| 030/200 | 200    | 7 3/4"   |
| 030/250 | 250    | 9 3/4"   |
| 030/300 | 300    | 11 3/4"  |
| 030/350 | 350    | 13 3/4"  |

**040**



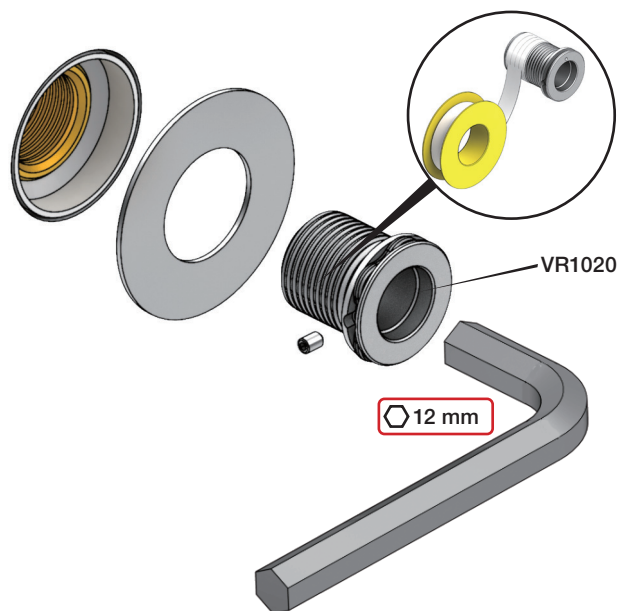
**040D**



|          | L (mm) | L (Inch) |
|----------|--------|----------|
| 040      | 185    | 7 3/4"   |
| 040D     | 200    | 7 3/4"   |
| 040D/250 | 250    | 9 3/4"   |
| 040D/300 | 300    | 11 3/4"  |

1

010, 010C, 020, 020C, 030, 040, 040D

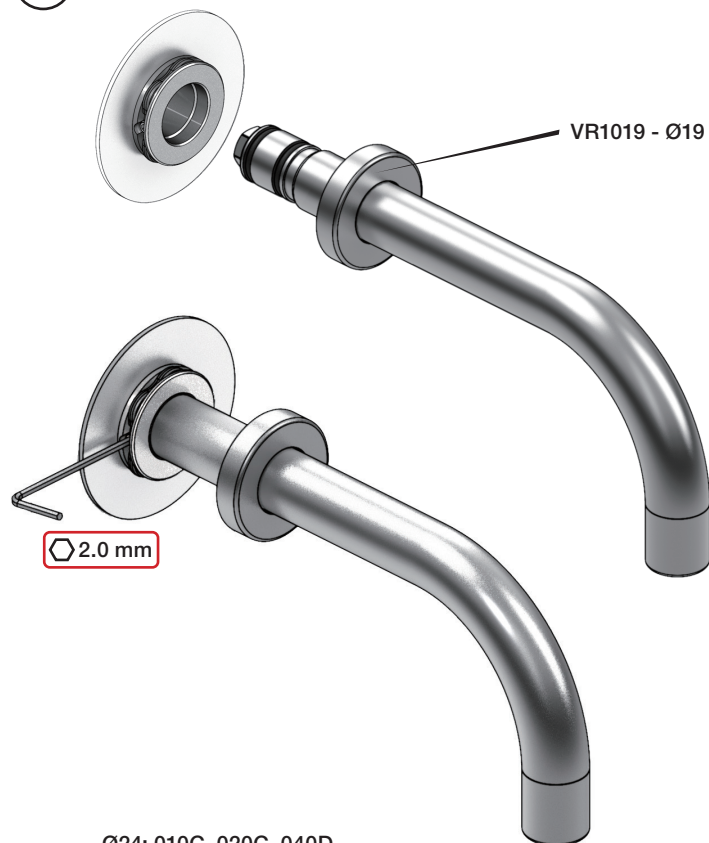


2

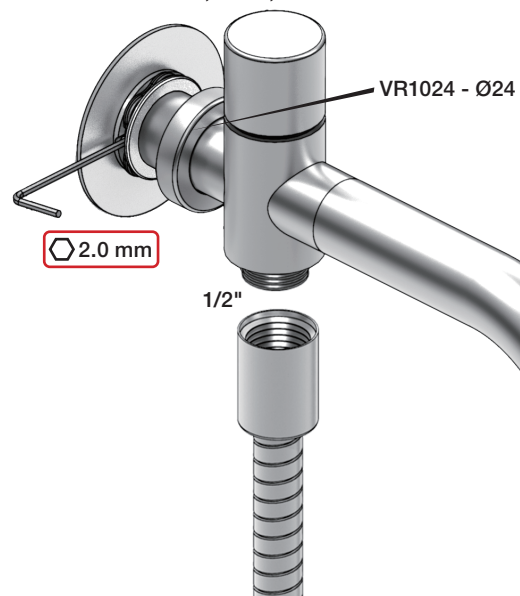
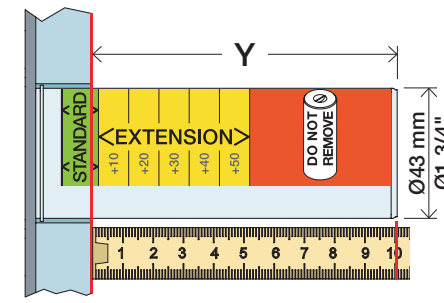
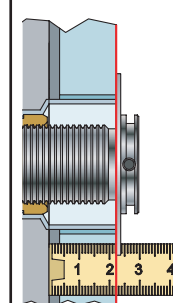


3

Ø19: 010, 020, 030, 040

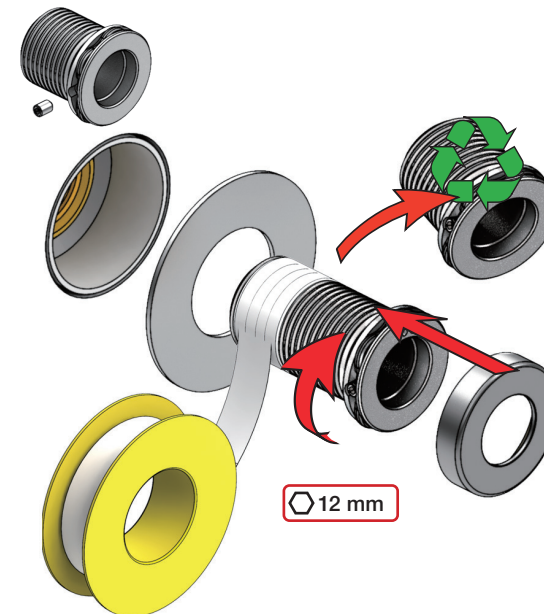


Ø24: 010C, 020C, 040D

Extension  
VerlängerungForlængerdele  
FörlängningVerlængstücken  
ModificationT Min. 3 mm  
Max. 65 mmY Min. 48 mm  
Max. 110 mm

| T          | Y           | VR2019 (Ø19)<br>VR2119 (Ø24) |
|------------|-------------|------------------------------|
| 3 - 15 mm  | 110 - 98 mm | Std.                         |
| 15 - 25 mm | 98 - 88 mm  | +10                          |
| 25 - 35 mm | 88 - 78 mm  | +20                          |
| 35 - 45 mm | 78 - 68 mm  | +30                          |
| 45 - 55 mm | 68 - 58 mm  | +40                          |
| 55 - 65 mm | 58 - 48 mm  | +50                          |

VR2019+/VR2219+





VOLA 200M

Fitting instruction  
Montageanleitung  
Monteringsvejledning

Monteringsvægledning  
Montage hanleiding  
Manuel de montage

www.vola.com

200M\_V4\_40998506  
25-11-2022

vola

Max.: 10 Bar/145 psi  
Max. 65°C, 150°F

Check the local legislation.  
Bitte die örtlichen Vorschriften überprüfen.  
Tjek de lokale regler.  
Kontrollera lokala föreskrifter  
Nazitten lokale regelgeving.  
Vérifiez la législation locale.

VR968:  
To be ordered separately.  
Werden separat bestellt.  
Bestilles separat.  
Beställs separat.  
Apart te bestellen.  
À commander séparément.

DE:  
Bitte separat beiliegende Anleitung für die Schallentkopplung VR972 beachten

200M & VR968:

Extension  
Verlängerung

Forlængerdele  
Förlängning

Verlengstukken  
Modification

| min. | STANDARD | min. |
|------|----------|------|
| max  |          | max  |
| +10  |          | +10  |
| +20  |          | +20  |
| +30  |          | +30  |
| +40  |          | +40  |
| +50  |          | +50  |

Type UP\_40998361

DO NOT REMOVE

VR2019: 010, 020, 030, 040  
VR2021: 050  
VR2020: 080W  
VR2119: 010C, 020C, 040D  
050K, 070/R/S/W, 080/K/D/DK  
VR2219: 050A, 060A  
VR648: 060, 080ST

VR2019:  
VR2020: VR2119:  
VR2021: VR2219:

VR648:

Installation example  
Installationsbeispiel  
Installatie voorbeeld  
l'installation des exemple

Box till inbyggnadsblandare.  
Boks til indbygningsblander.  
Laatikko seinäasenteiselle sekoittajalle.

Ingår inte i leveransen, köps separat.  
Ikke inkludert, kjøpes separat.  
Eivät sisälly tilaukseen, ostettava erikseen.

G1/2" Skvallerrör

VR2019, VR2119  
VR2020, VR2219  
VR2021

VR648

Min. 3 mm  
Max. 65 mm

Min. 48 mm  
Max. 110 mm

Y

| T: VR2019/2020/2021/2119/2219 | T: VR648   | Y           |      |
|-------------------------------|------------|-------------|------|
| 3 - 15 mm                     | 3 - 19 mm  | 110 - 98 mm | Std. |
| 15 - 25 mm                    | 17 - 28 mm | 98 - 88 mm  | +10  |
| 25 - 35 mm                    | 27 - 38 mm | 88 - 78 mm  | +20  |
| 35 - 45 mm                    | 37 - 48 mm | 78 - 68 mm  | +30  |
| 45 - 55 mm                    | 47 - 58 mm | 68 - 58 mm  | +40  |
| 55 - 65 mm                    | 57 - 68 mm | 58 - 48 mm  | +50  |

Fitting of extension  
Montage von verlängerung

Montering af forlængerdele  
Montering av förlängning

Montage van de verlengstukken  
Montage des rallonges

VR2019+, VR2119+  
VR2020+, VR2219+  
VR2021+

VR648+





**2x13 mm** Lightweight wall  
Leichtwand  
Let væg

Lätta konstruktion  
Holle wandconstructie  
Construction légère



**1x15 mm**  
**1x18 mm**  
**1x20 mm**

Lightweight wall  
Leichtwand  
Let væg

Lätta konstruktion  
Holle wandconstructie  
Construction légère



**Masonry**  
Mauerwerk  
Murværk

**Murverk**  
Massieve wand  
Mur Plein



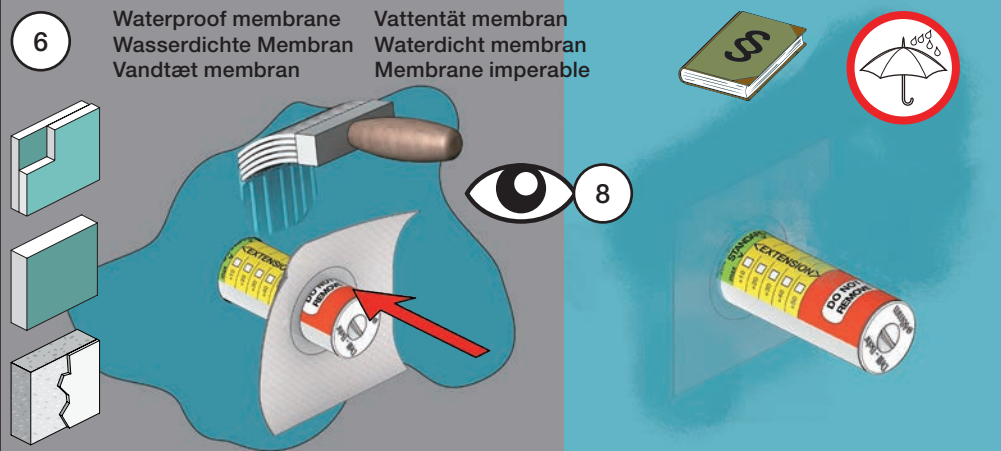
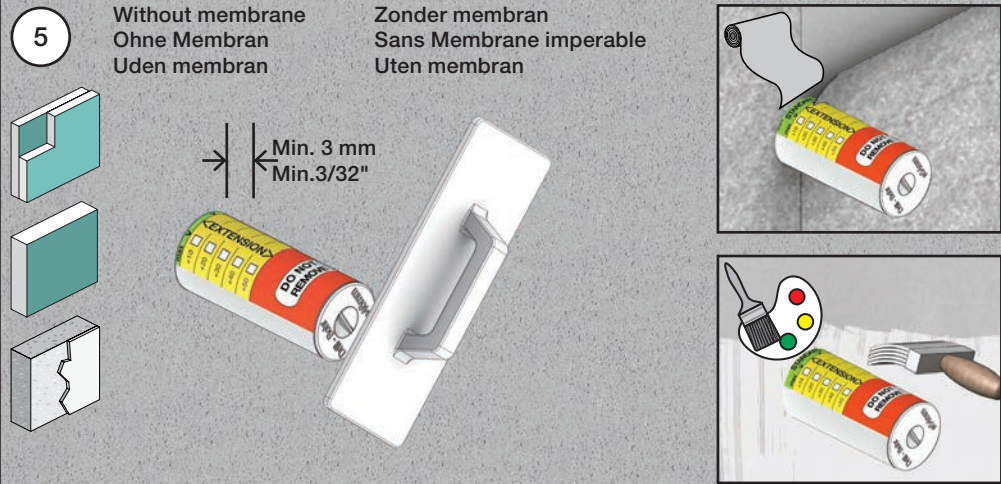
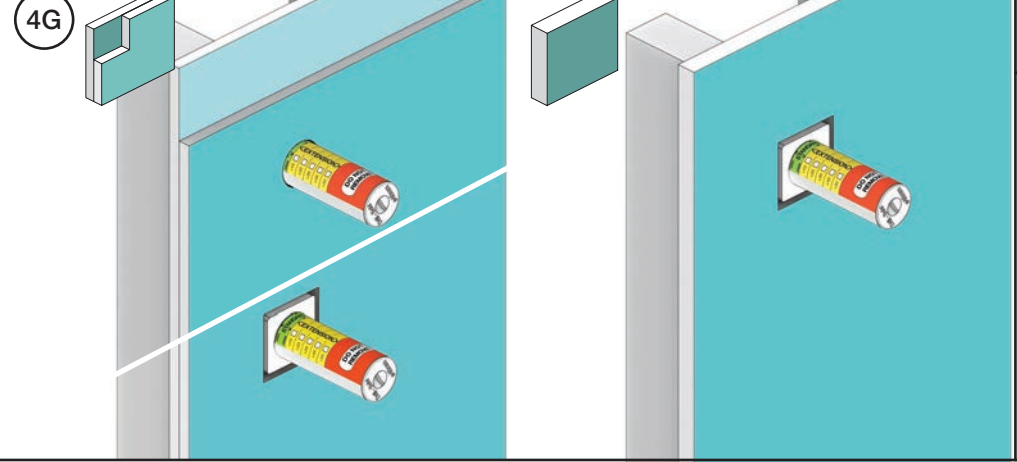
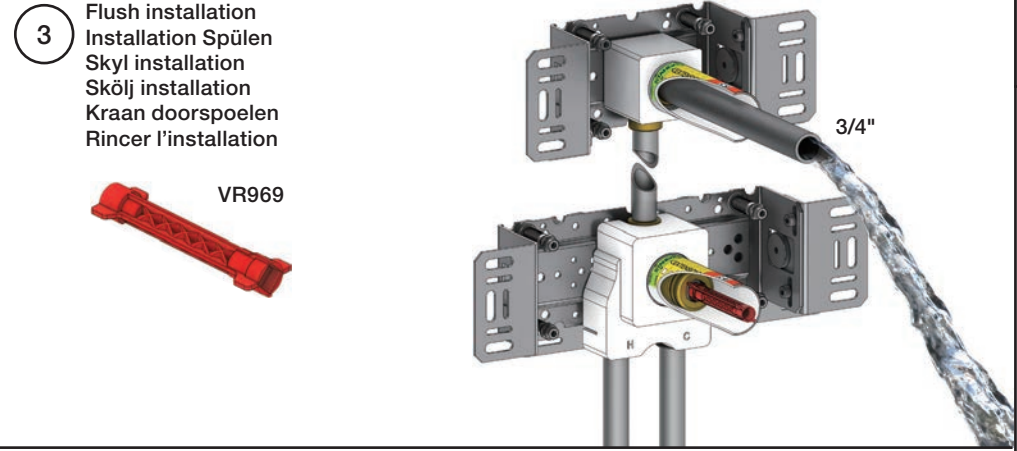
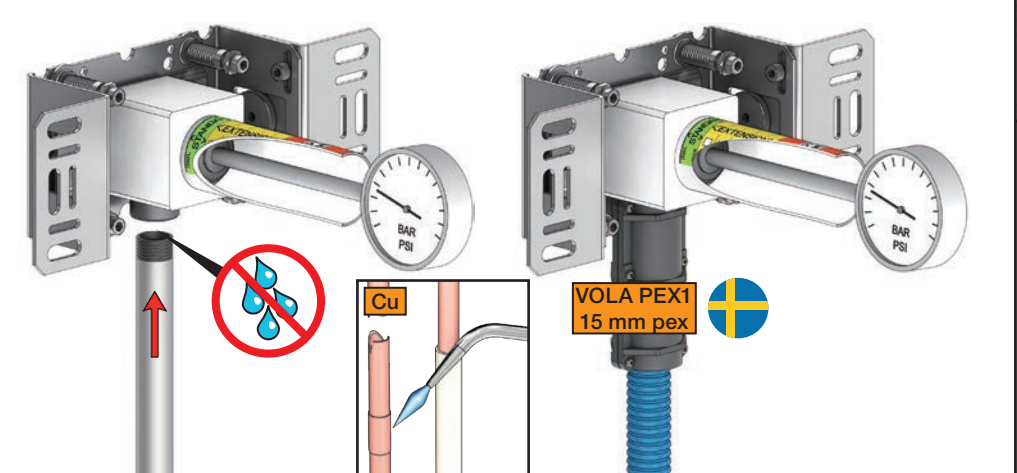
**2**

Test Pressure  
Prüfdruck  
testtryk  
Test tryck  
Test druk  
test de pression

Check the local legislation.  
Bitte die örtlichen Vorschriften überprüfen.  
Tjek de lokale regler.  
Kontrollera lokala föreskrifter.  
Nazitten lokale regelgeving.  
Vérifiez la législation locale.

**! Water - Wasser - Vand - Vatten - Water - L'eau**  
**! MAX 1 Minute - Minut - Minuut !**

**1.** MAX. 16 Bar 232 Psi  
**2.** MAX. 4 Bar 58 Psi



**8**

Do not cut the membrane  
Die Membran nicht schneiden  
Skær ikke membranen  
\* Skär inte membranet  
Snij het membraan niet door  
Ne coupez pas la membrane  
No cortar la membrana

**SILICONE**



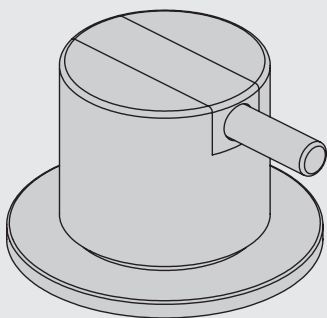
**VOLA 500, 590, 500T1**  
**VOLA 2500**  
**VOLA SC1, SC3, SC5, SC7, SC9, SC10, SC12**

Fitting instruction  
 Montageanleitung  
 Monteringsvejledning  
 Monteringsvægledning  
 Montage hanleiding  
 Manuel de montage



GODKENDT  
TIL DRIKKEVAND

04/00027  
 04/00038



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500 - 2500\_V0\_40998137  
 02-10-2023



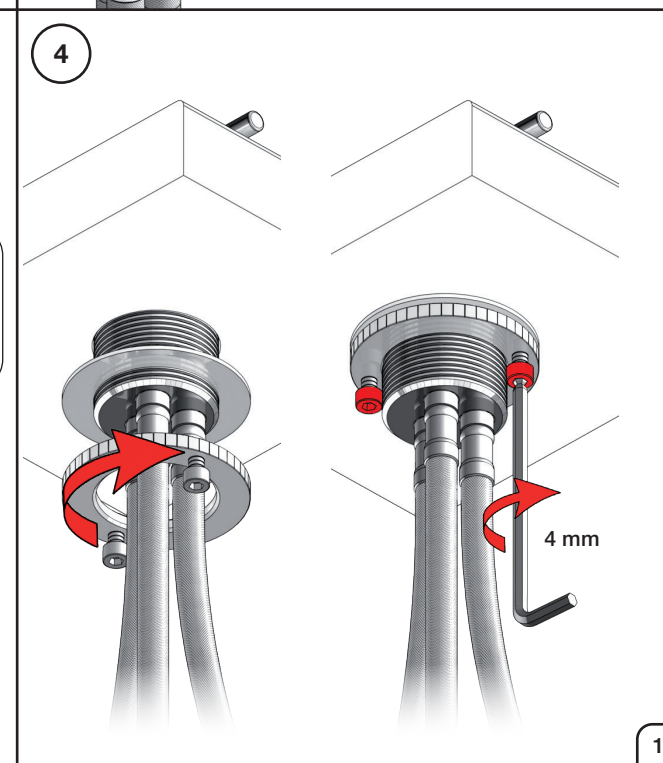
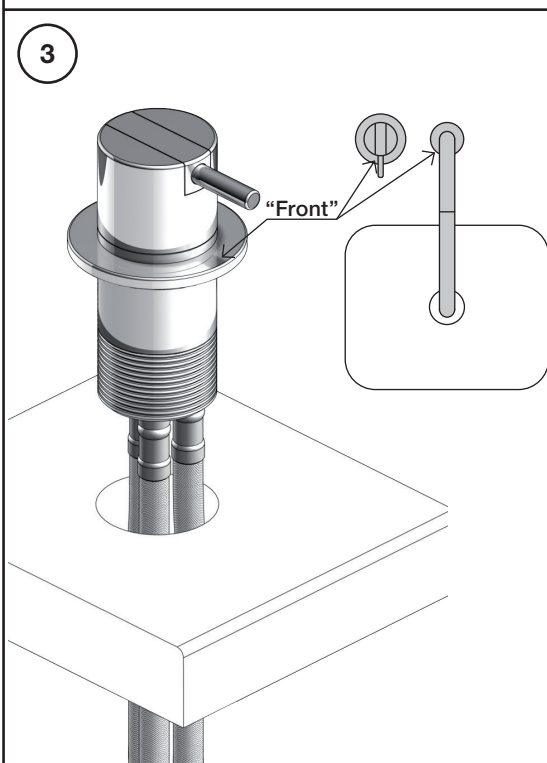
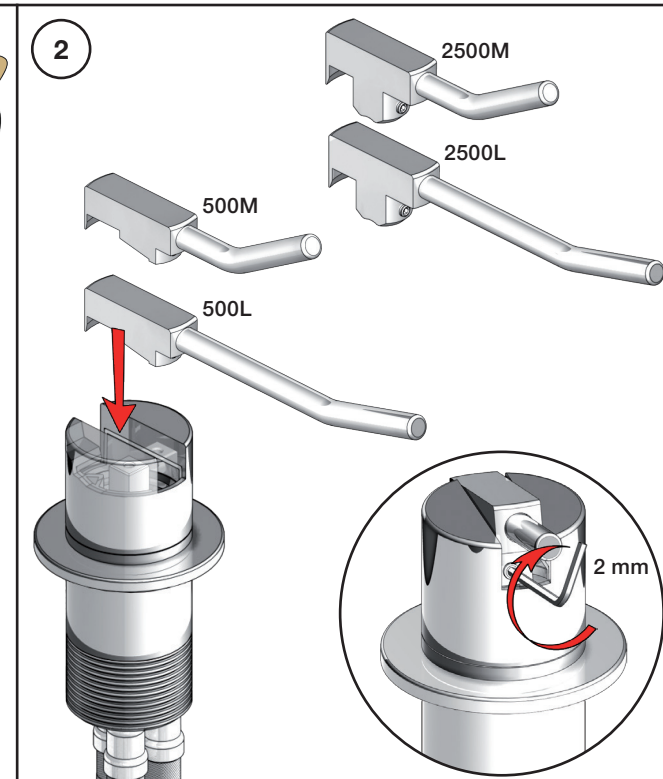
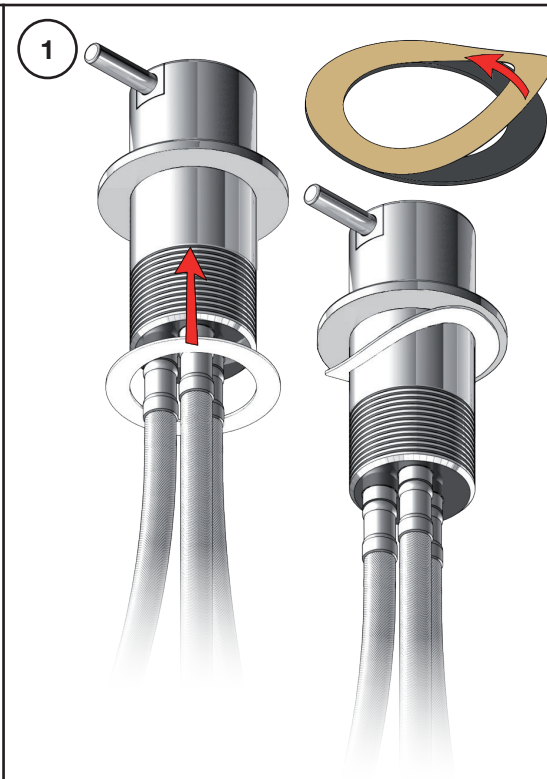
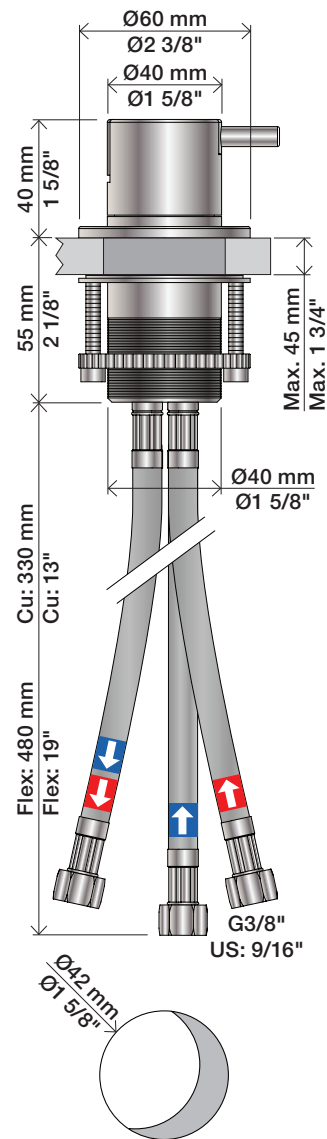
5 705230 492964

# **Data, 3 Bar /43.5 Psi:**

|         | l/min. | Gal/min. |
|---------|--------|----------|
| 500:    | 14,5   | 3.8      |
| 590:    | 9,0    | 2.4      |
| 500-T1: | 11,0   | 2.9      |
| 2500:   | 18,7   | 4.9      |
| SC1:    | 18,7   | 4.9      |
| SC5, 7: | 18,0   | 4.8      |
| SC9:    | 11,0   | 2.9      |

Max. 65°C, 150°F

**500/2500:**

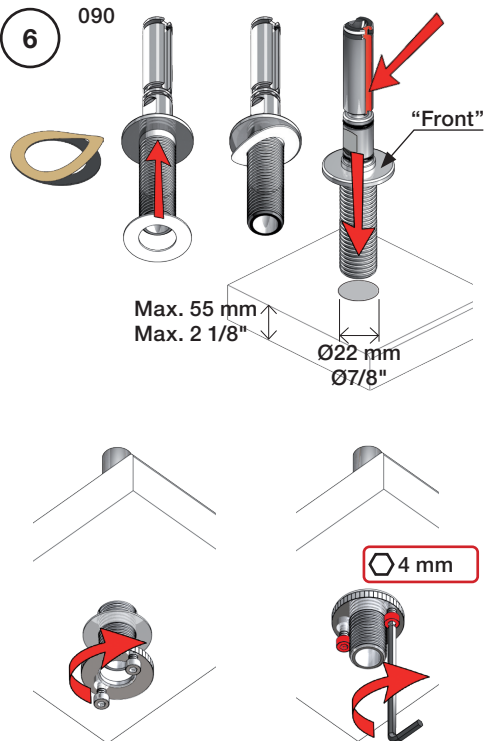


5



6

090



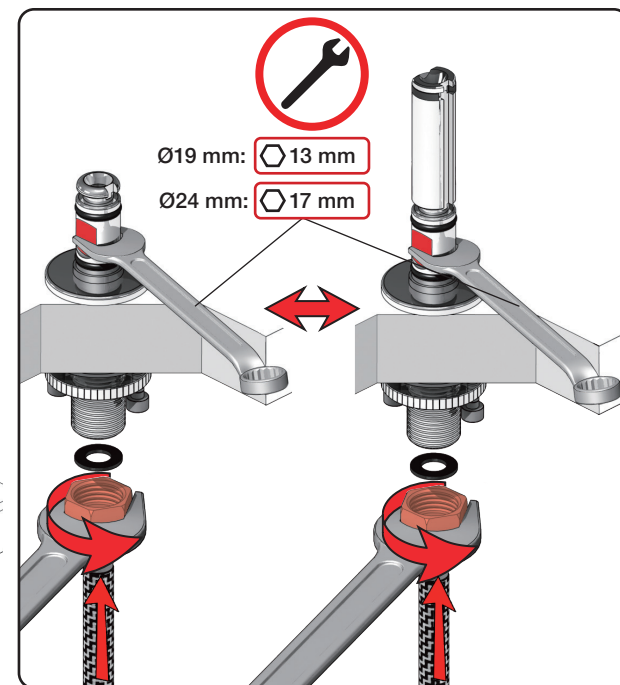
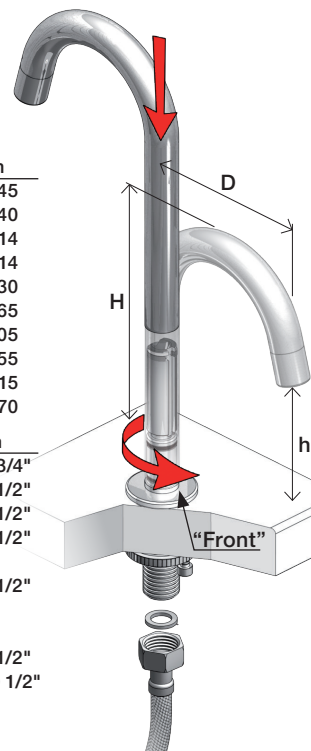
6A

090

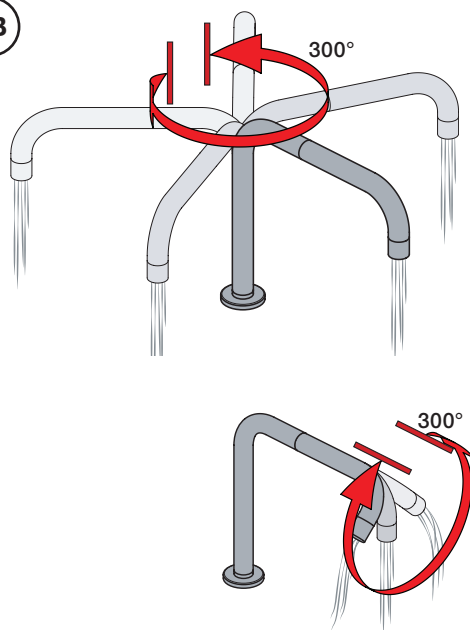
| mm:  | H   | D   | h   |
|------|-----|-----|-----|
| 090  | 210 | 200 | 145 |
| 090A | 110 | 85  | 40  |
| 090B | 185 | 100 | 114 |
| 090C | 185 | 100 | 114 |
| 090D | 220 | 200 | 130 |
| 090E | 170 | 200 | 65  |
| 090G | 185 | 140 | 105 |
| 090H | 265 | 220 | 155 |
| 090I | 325 | 220 | 215 |
| 090V | 355 | 145 | 270 |

| Inches: | H       | D      | h       |
|---------|---------|--------|---------|
| 090     | 8 1/2"  | 8"     | 5 3/4"  |
| 090A    | 4 1/4"  | 3 1/2" | 1 1/2"  |
| 090B    | 7"      | 4"     | 4 1/2"  |
| 090C    | 7"      | 4"     | 4 1/2"  |
| 090D    | 8 3/4"  | 8"     | 5"      |
| 090E    | 6 3/4"  | 8"     | 2 1/2"  |
| 090G    | 7"      | 5 1/2" | 4"      |
| 090H    | 10 1/2" | 8 5/8" | 6"      |
| 090I    | 12 3/4" | 8 5/8" | 8 1/2"  |
| 090V    | 14"     | 5 3/4" | 10 1/2" |

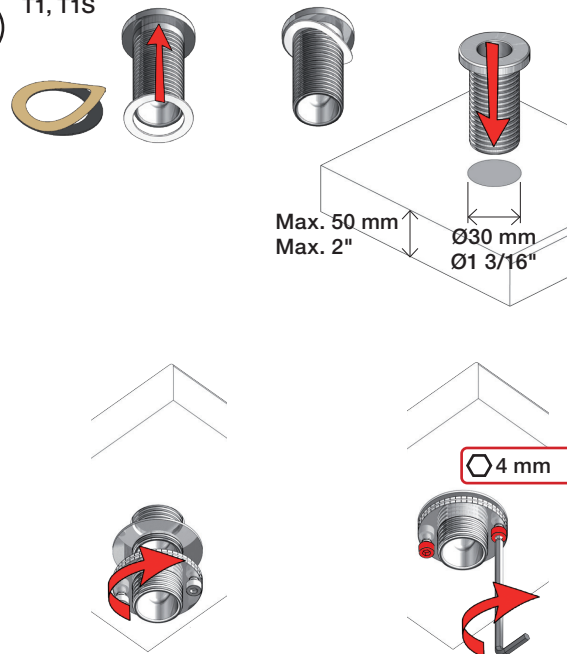


6B



7

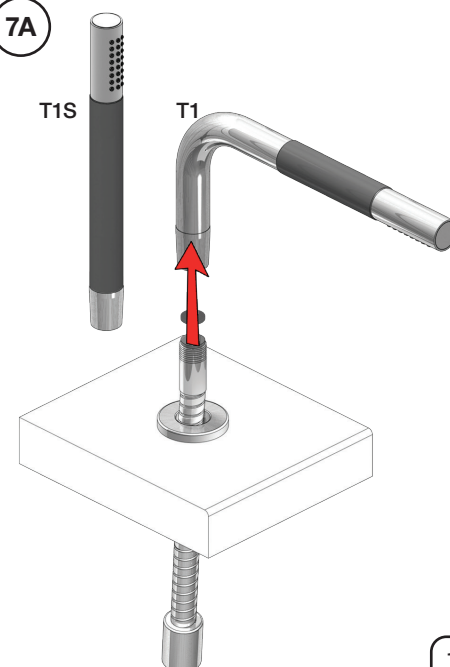
T1, T1S



7A

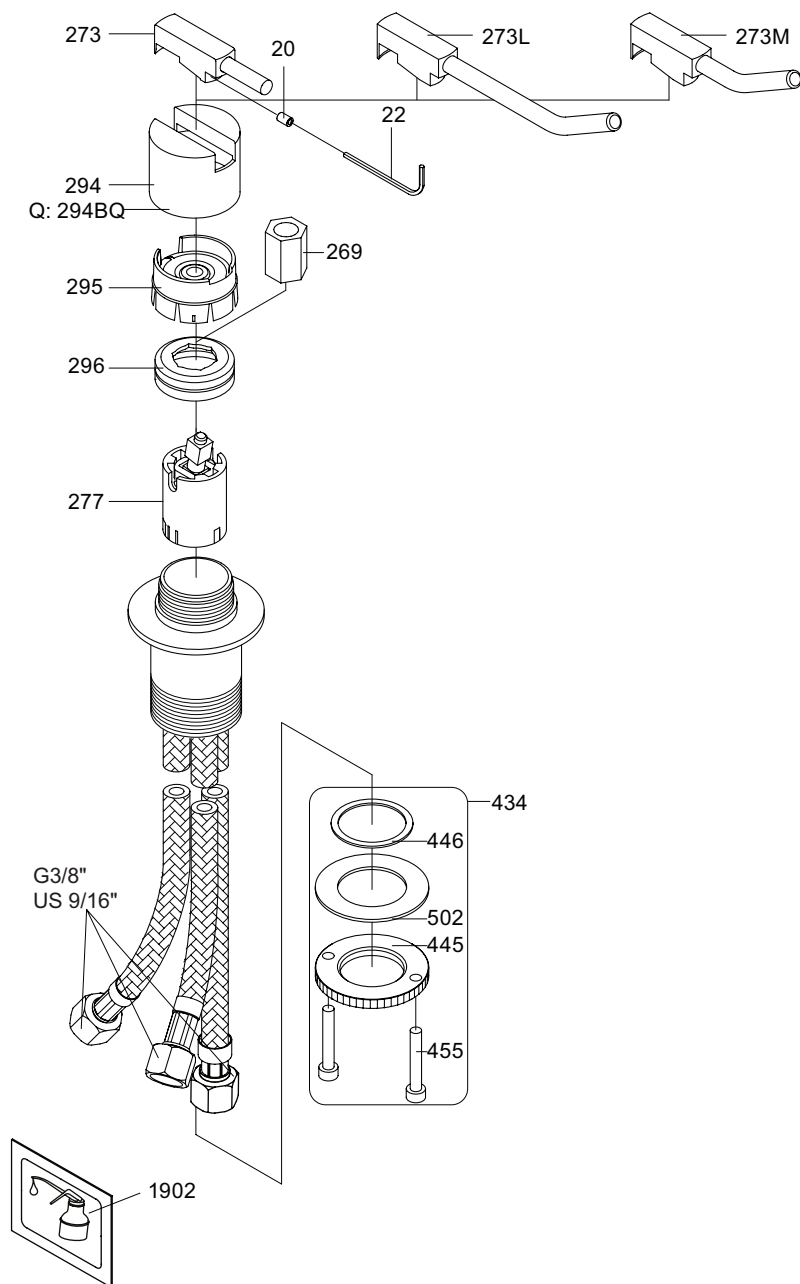
T1S

T1

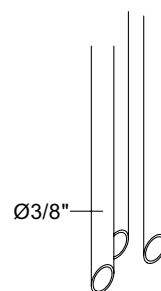




500:



500: Ø10  
500US: Ø3/8"



|         |                                                      |
|---------|------------------------------------------------------|
| VR277K: | VR22, VR269, VR277                                   |
| VR297:  | VR20, VR22, VR269, VR273, VR277, VR294, VR295, VR296 |
| VR434:  | 2xVR444, VR445, 2xVR455, VR502                       |
| NR.10:  | VR20, VR22, VR273, VR294, VR295                      |



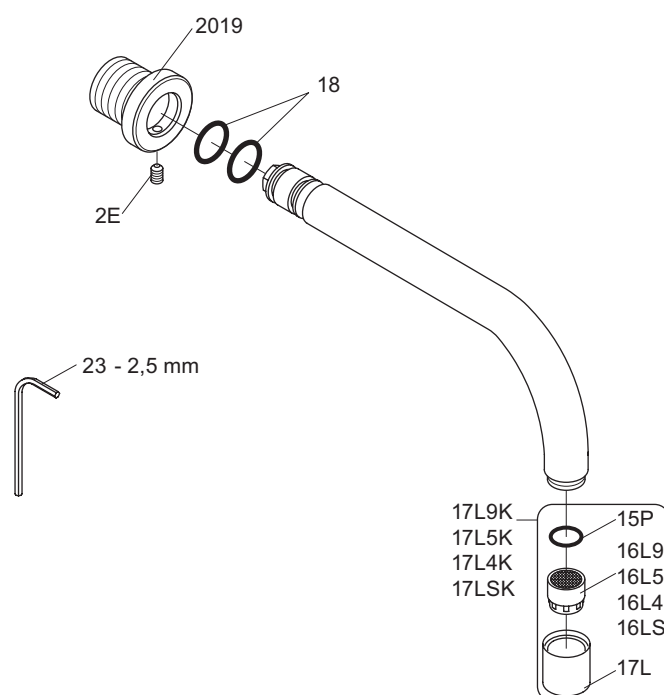
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**VOLA 500/M/L**

Date  
Jan. 23

Rev.  
4

Sheet  
**SB 4.1**



VR17L9K: VR15P, VR16L9, VR17L  
 VR17L5K: VR15P, VR16L5, VR17L  
 VR17L4K: VR15P, VR16L4, VR17L (US Standard)  
 VR17LSK: VR15P, VR16LS, VR17L



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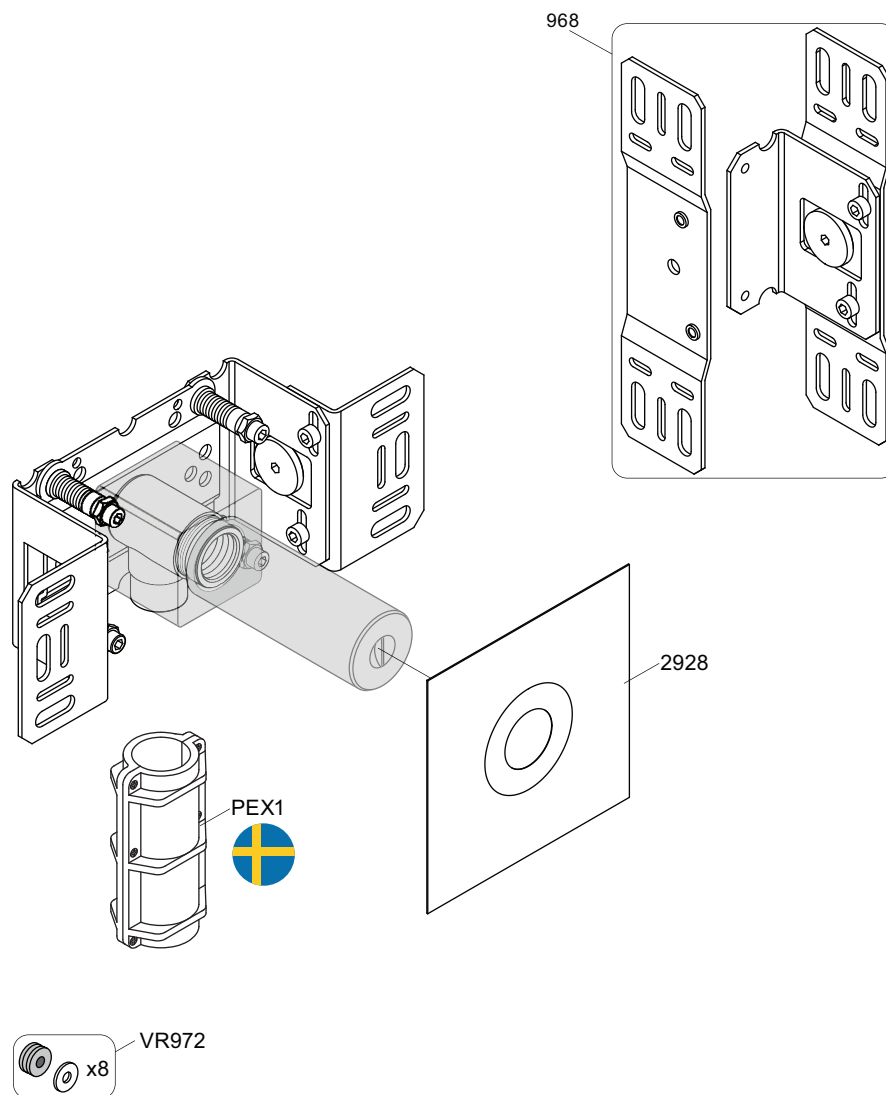
**VOLA 010 / 020**

Date  
Oct. 16

Rev.  
**3**

Sheet  
**SB11**





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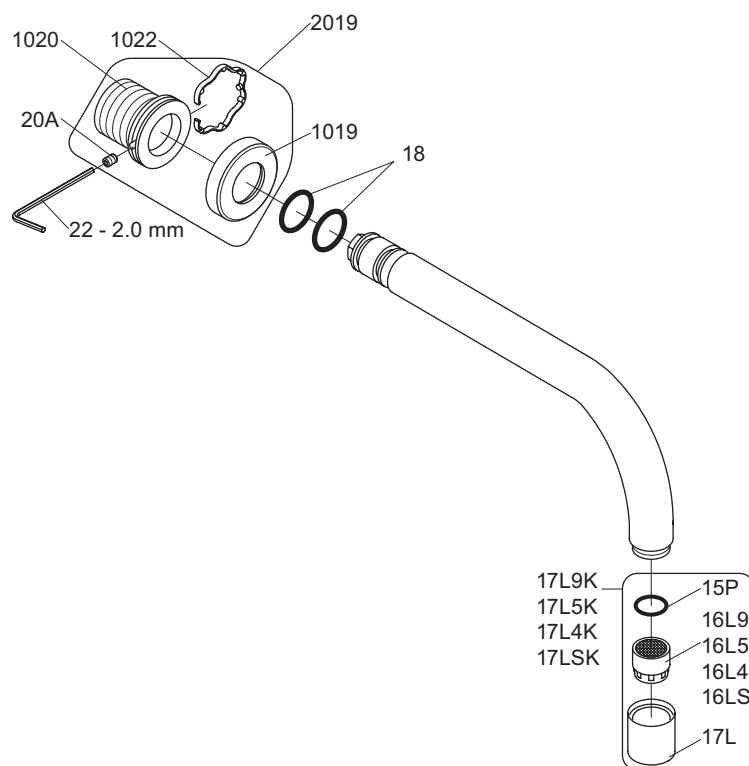
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**VOLA 200M**

Date  
May. 22

Rev.  
**3**

Sheet  
**SB 2.3**



VR17L9K: VR15P, VR16L9, VR17L  
 VR17L5K: VR15P, VR16L5, VR17L  
 VR17L4K: VR15P, VR16L4, VR17L (US Standard)  
 VR17LSK: VR15P, VR16LS, VR17L  
 VR1020K: VR20A, VR22, VR1020, VR1022  
 VR2019: VR20A, VR22, VR1019, VR1020, VR1022



**volä**

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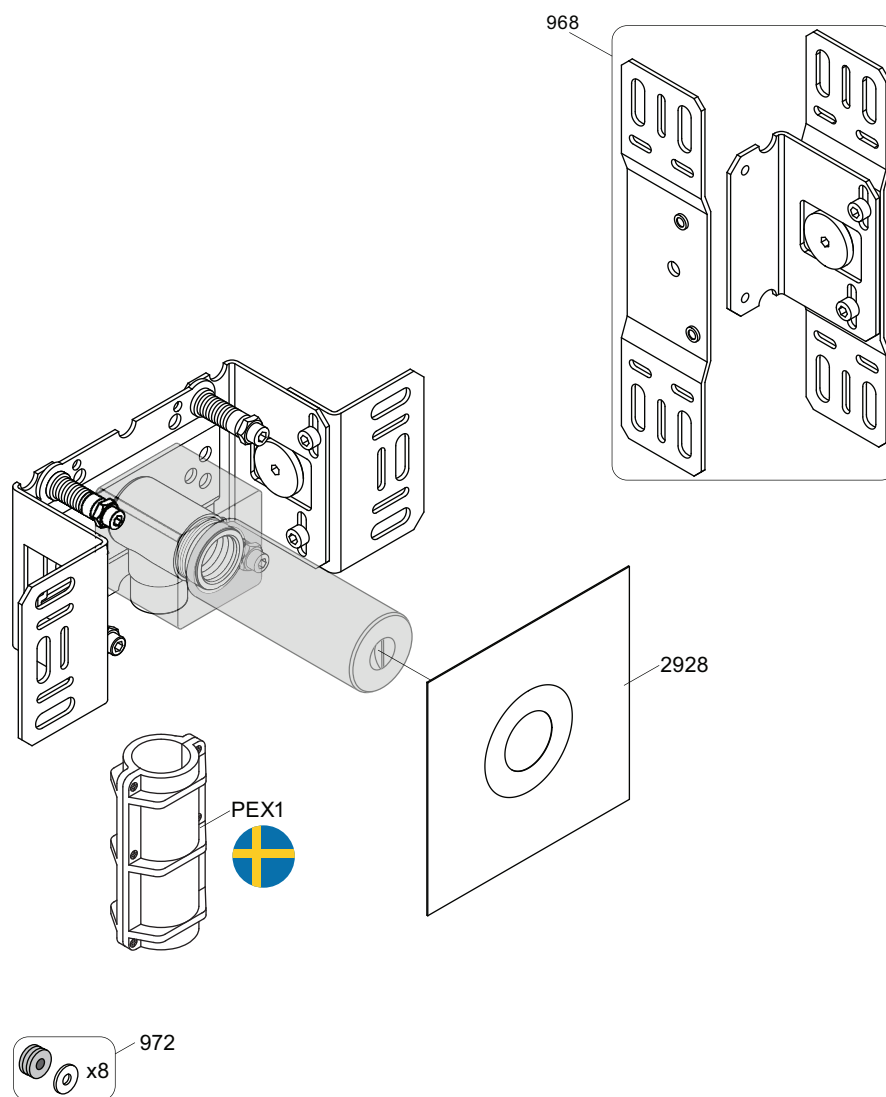
**VOLA 010 / 020**

Date  
Apr. 21

Rev.  
**3**

Sheet  
**SB11**





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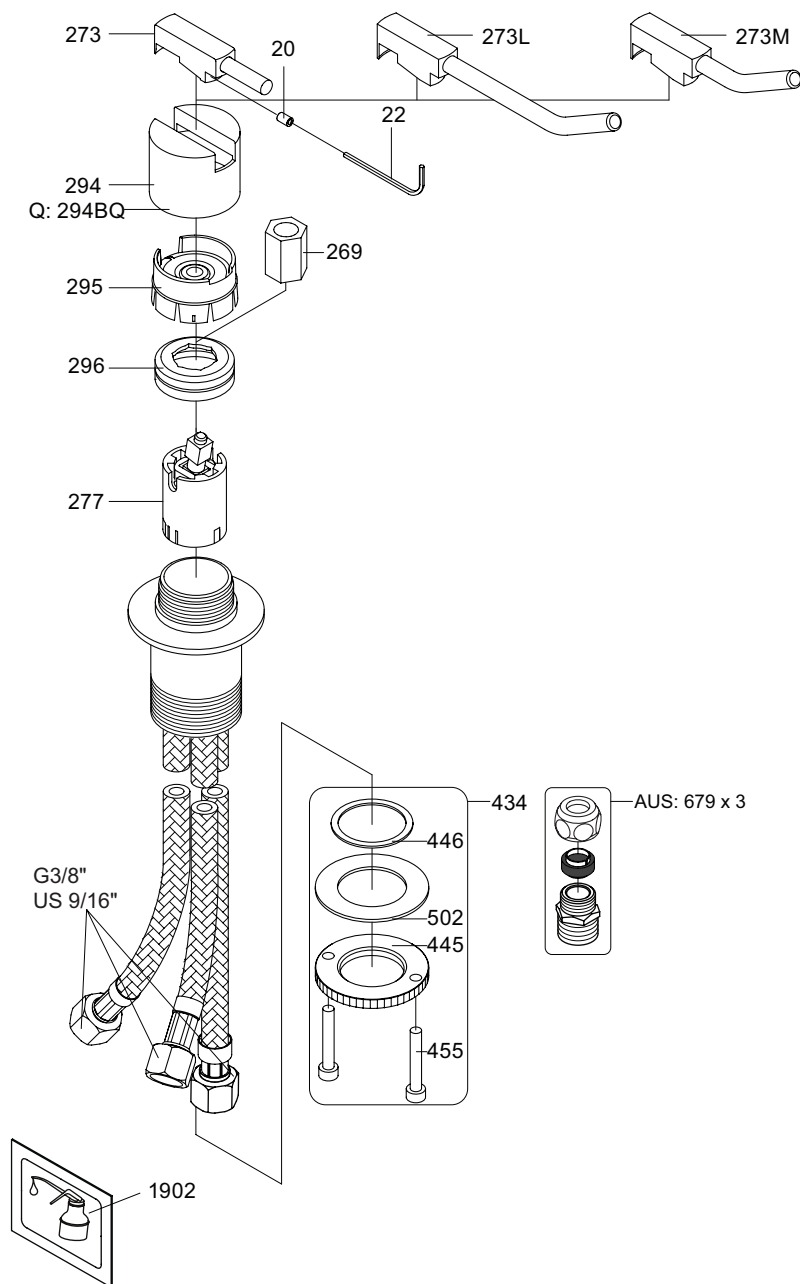
## VOLA 200M

Date  
May. 22

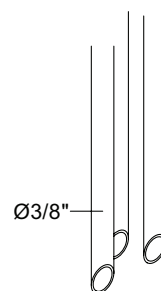
Rev.  
3

Sheet  
SB 2.3

500:



500: Ø10  
500US: Ø3/8"



VR277K: VR22, VR269, VR277  
VR297: VR20, VR22, VR269, VR273, VR277, VR294, VR295, VR296  
VR434: 2xVR444, VR445, 2xVR455, VR502  
NR.10: VR20, VR22, VR273, VR294, VR295



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Date  
Jan. 23

Rev.  
4

Sheet  
SB 4.1