

VOLA 100, 100X, 200, 200V, 300  
VOLA 400DV, 400, 400V, 400N, 400NV, 400T  
VOLA 400TV, 400F, 400FV, 400R, 400RV  
VOLA 2100, 2100X, 2200, 2200V, 2300, 2400  
VOLA 2400V, 2400N, 2400NV, 2400T, 2400TV  
VOLA 2400F, 2400FV, 2400R, 2400RV

Fitting instruction      Monteringsv gledning  
Montageanleitung      Montage hanleiding  
Monteringsvejledning      Manuel de montage

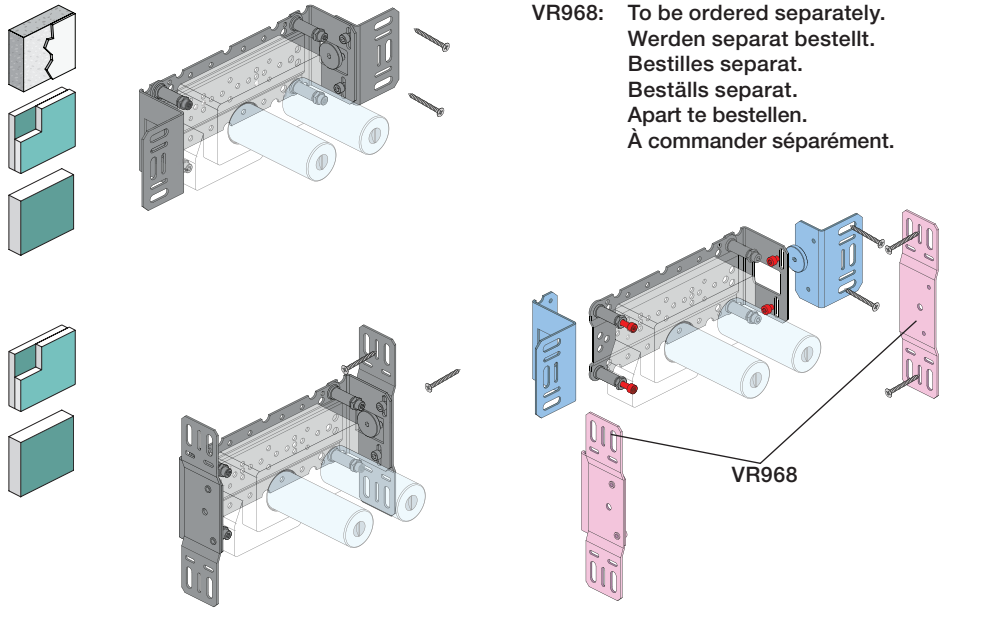
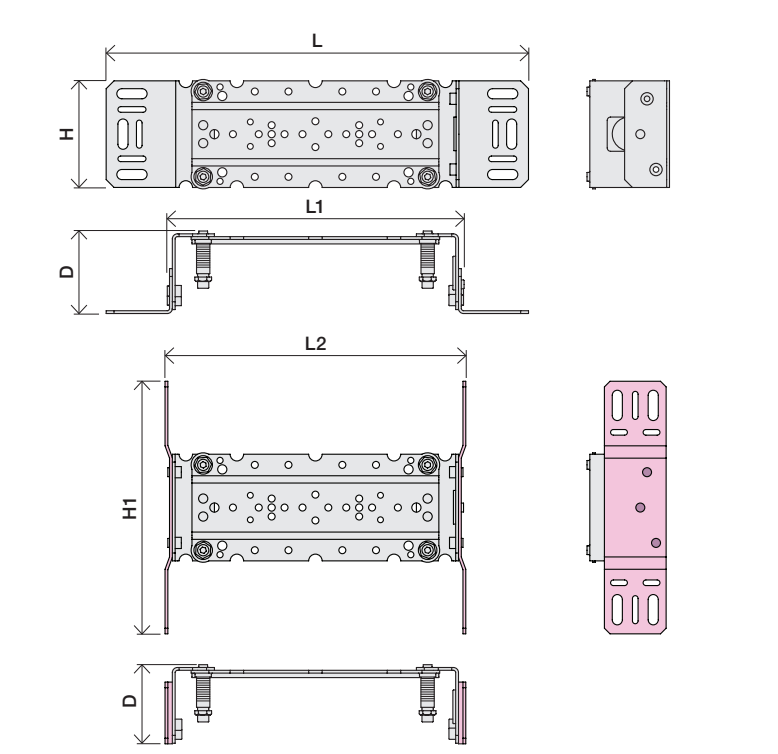
04/00029  
04/00031  
04/00055

www.vola.com

100-2100\_V3\_40998502  
09-01-2024

5 705230 286211

| vola.com                                                             | L                 | L1            | L2                | H               | H1               | D               |
|----------------------------------------------------------------------|-------------------|---------------|-------------------|-----------------|------------------|-----------------|
| 100, 100X, 200V, 300, 400V, 400DV<br>2100, 2100X, 2200V, 2300, 2400V | 377 mm<br>14 3/4" | 260 mm<br>10" | 268 mm<br>10 1/2" | 95 mm<br>3 3/4" | 186 mm<br>7 3/8" | 70 mm<br>2 3/4" |
| 400NV, 400TV<br>2400NV, 2400TV                                       | 475 mm<br>18 3/4" | 355 mm<br>14" | 367 mm<br>14 1/2" |                 |                  |                 |
| 400FV, 400RV<br>2400FV, 2400RV                                       | 552 mm<br>21 3/4" | 435 mm<br>17" | 447 mm<br>17 5/8" |                 |                  |                 |



VR968: To be ordered separately.  
Werden separat bestellt.  
Bestilles separat.  
Best lls separat.  
Apart te bestellen.  
  commander s par ment.

| A                    | Data, 3 Bar/43.5 Psi: |        |          | Max. 65 C, 150 F |
|----------------------|-----------------------|--------|----------|------------------|
|                      |                       | l/min. | Gal/min. |                  |
|                      | 100:                  | 18,3   | 4.8      |                  |
|                      | 400V:                 | 15,6   | 4.1      |                  |
|                      | 2100:                 | 25,2   | 6.7      |                  |
| 2400V:               | 22,2                  | 5.9    |          |                  |
| Max.: 10 Bar/145 psi |                       |        |          |                  |

**B** Check the local legislation.  
Bitte die  rtlichen Vorschriften  berpr fen.  
Tjek de lokale regler.  
Kontrollera den lokala lagstiftning.  
Verifieer de lokale regelgeving.  
V rifiez la l gislation locale.

**!DO NOT!  
!REMOVE!**

**C** DE:  
Bitte separat beiliegende Anleitung f r die Schalld mpfer VR1249 beachten

DE:  
Bitte separat beiliegende Anleitung f r die Schallentkopplung VR972 beachten

**D**

Box till inbygggnadsblandare.  
Boks til indbyggningsblander.  
Laatikko sein asenteiselle sekoittajalle.

Ing r inte i leveransen, k ps separat.  
Ikke inkludert, k pes separat.  
Eiv t sis lly tilaukseen, ostettava erikseen.

Extension  
Verl ngerung  
Forl ngerdele  
F rl ngning  
Aanpassing  
Modification

|     |     |     |
|-----|-----|-----|
| STD | +10 | +20 |
| +30 | +40 | +50 |

**T** Min. 3 mm  
Max 65 mm

**Y** Min. 48 mm  
Max. 110 mm

| T          | Y           | VR1260/2260/1400/2019 |
|------------|-------------|-----------------------|
| 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                   |

Fitting of extension  
Montage von verl ngerung  
Montering af forl ngerdele

Montering av f rl ngning  
Montage van de verlengstukken  
Montage des rallonges

VR1260+

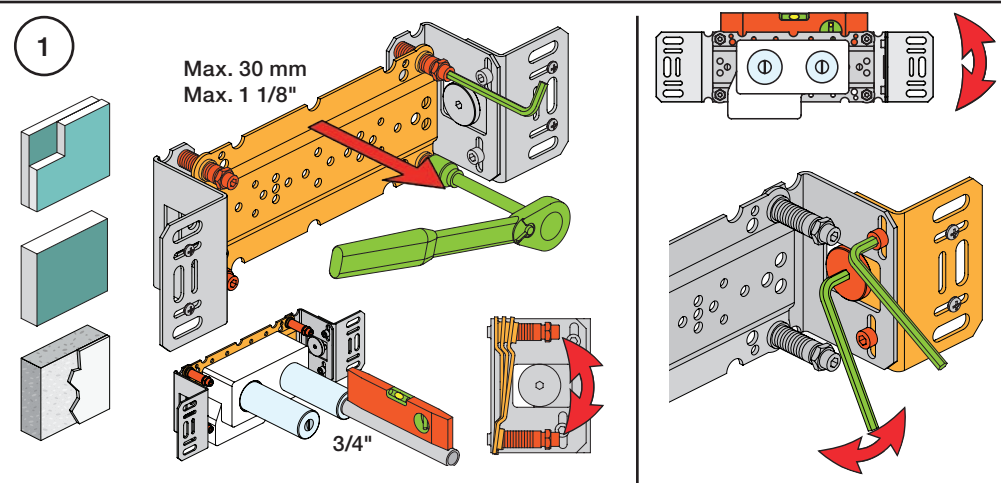
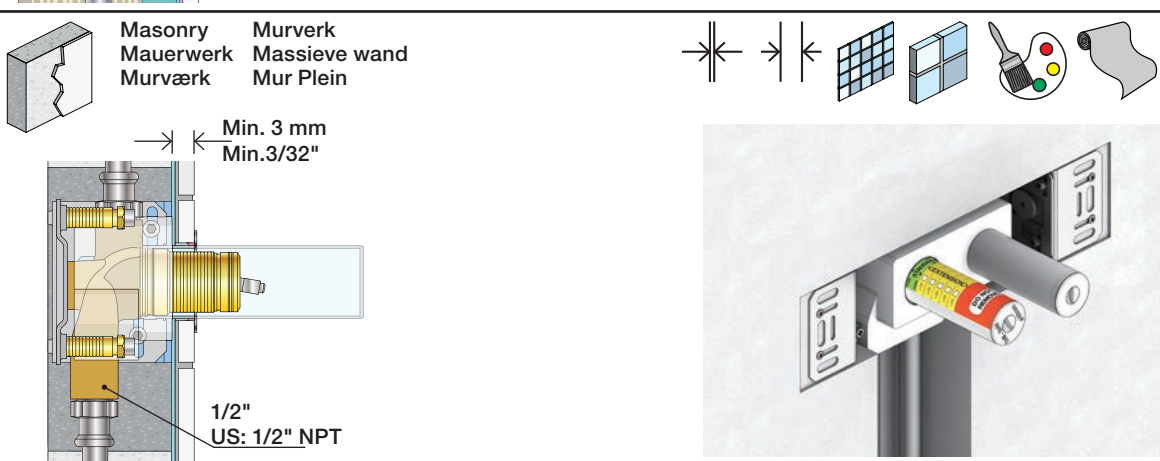
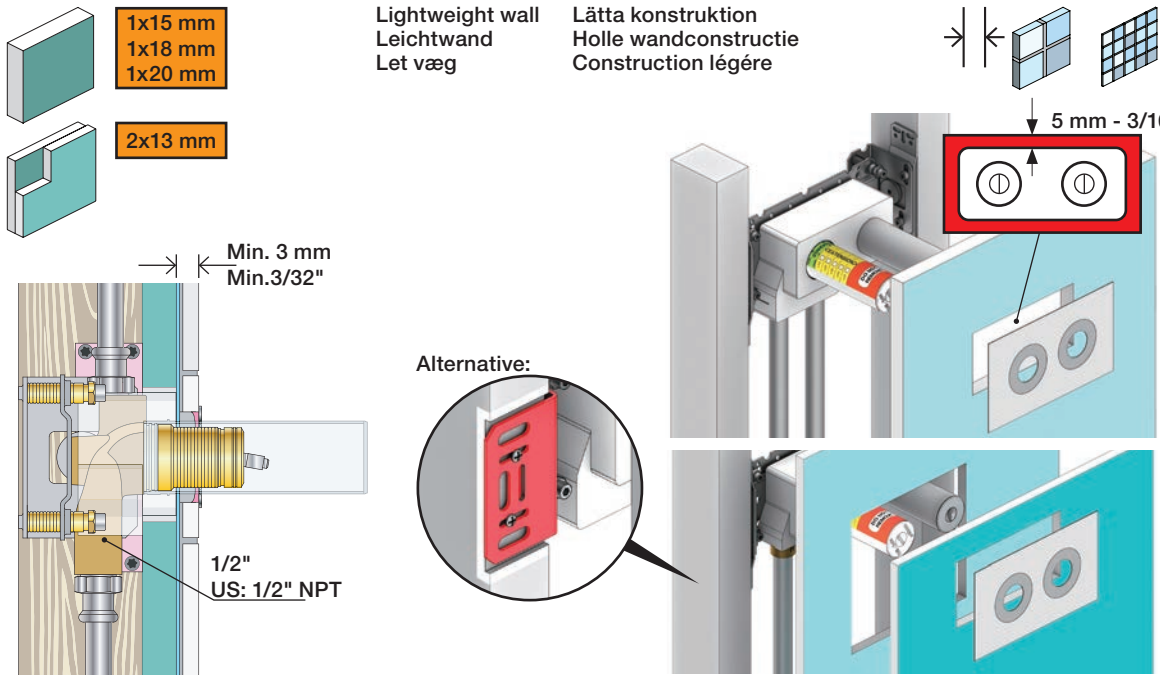
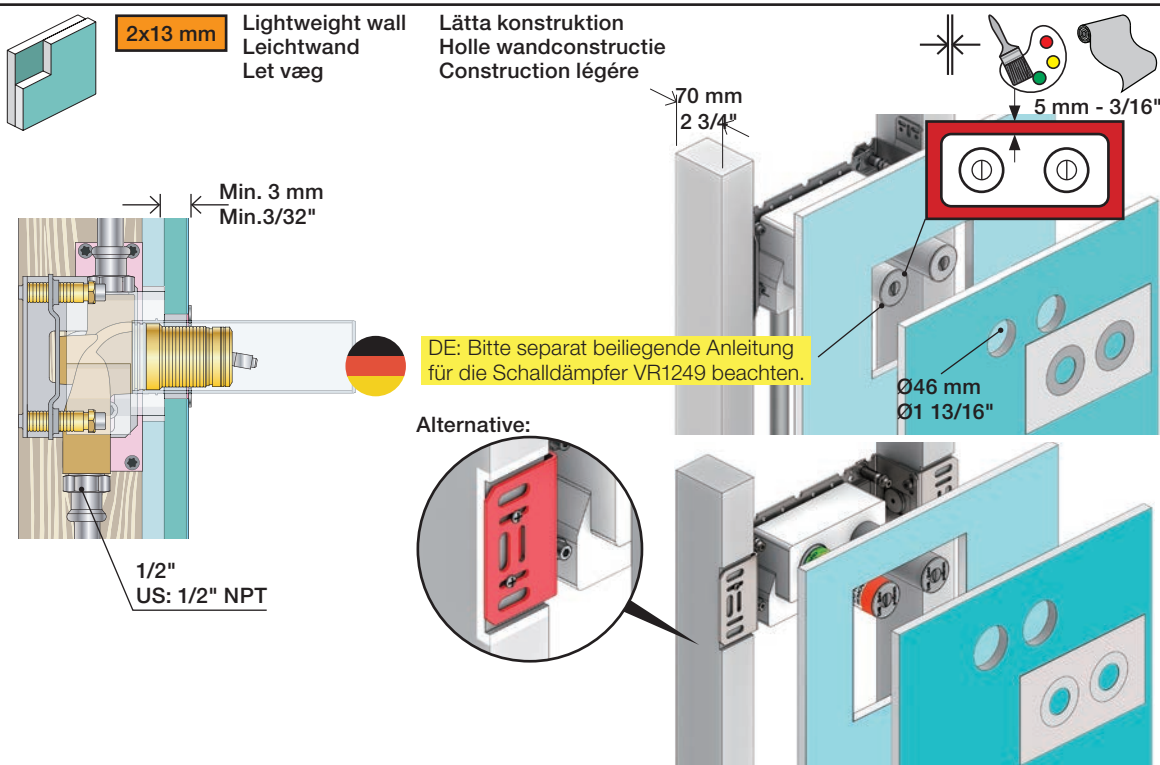
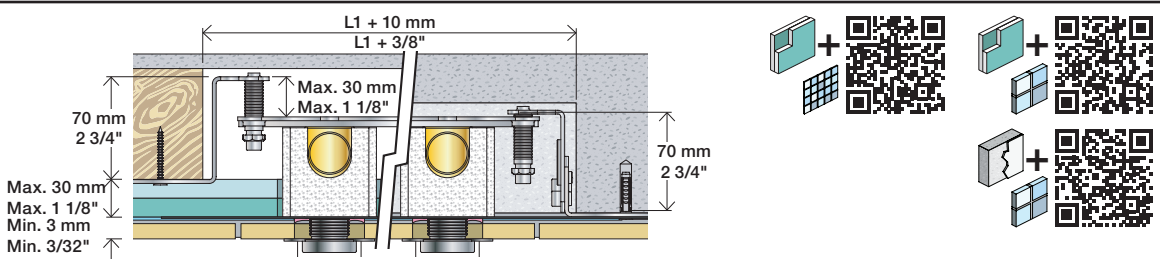
VR2260+

VR2019+, VR2119+

VR1400+

400-2400





**2**

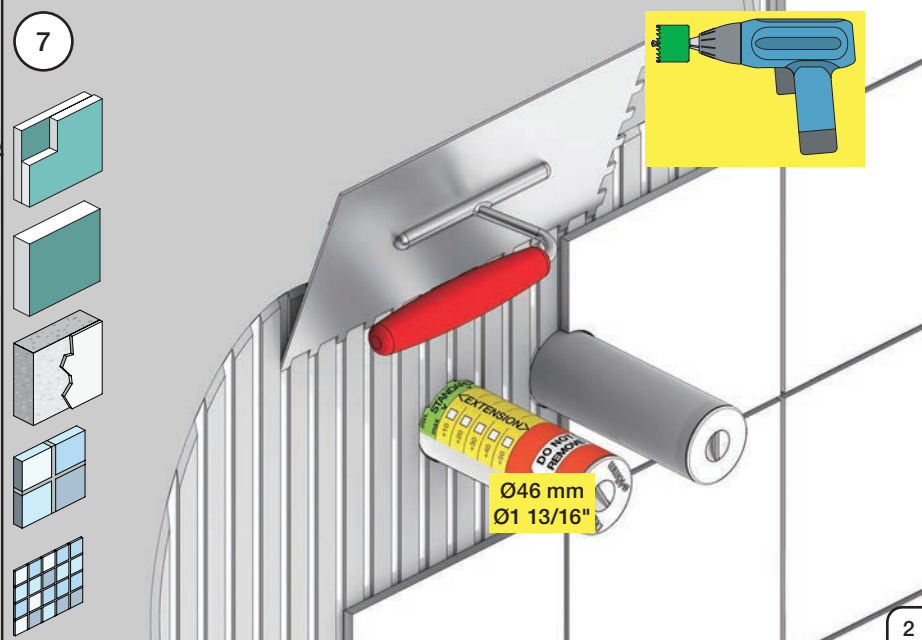
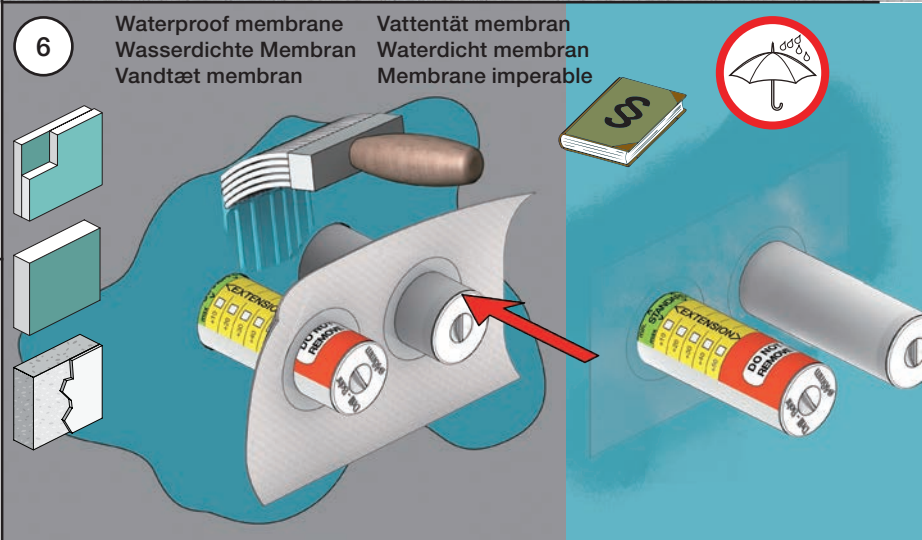
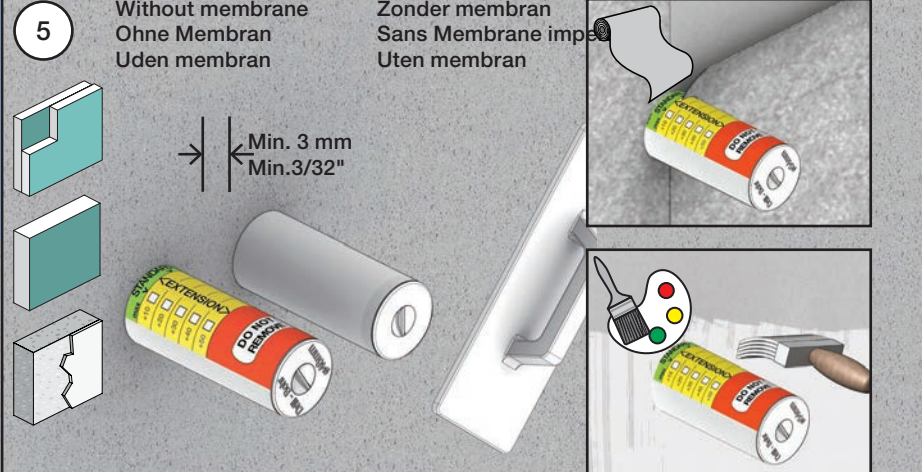
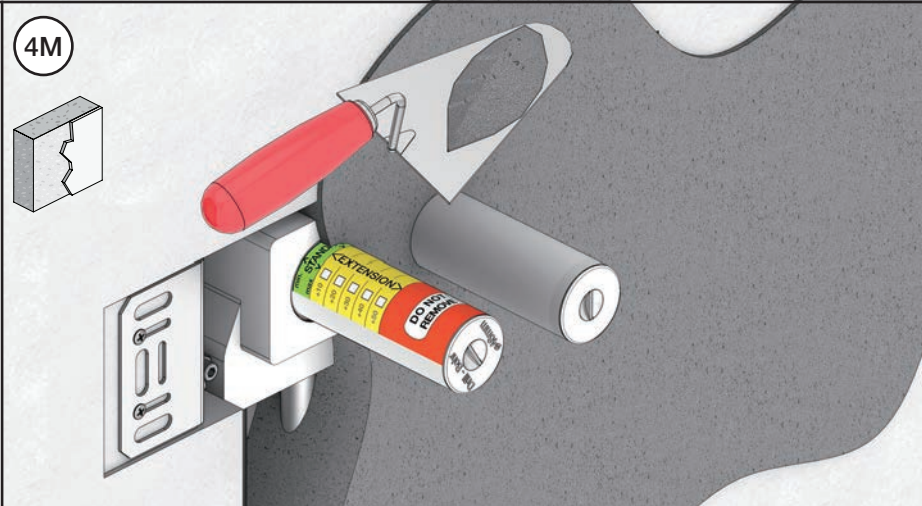
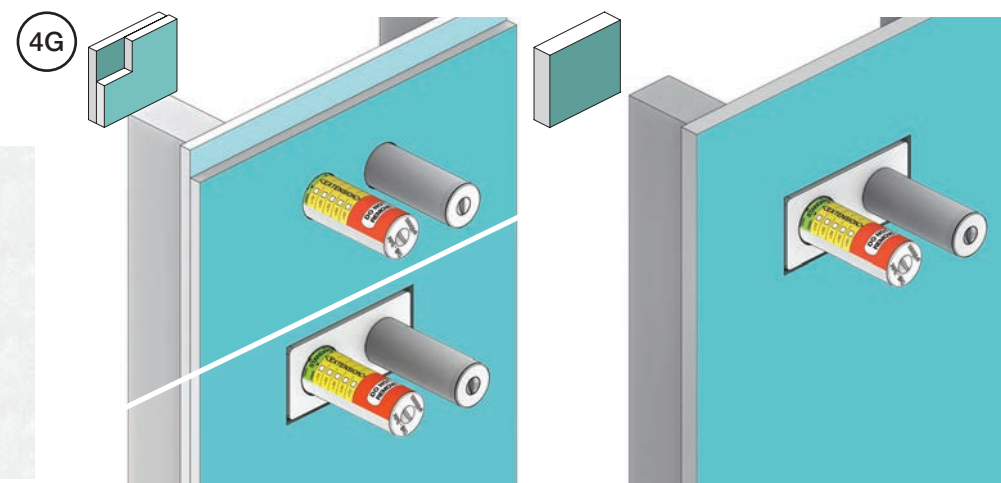
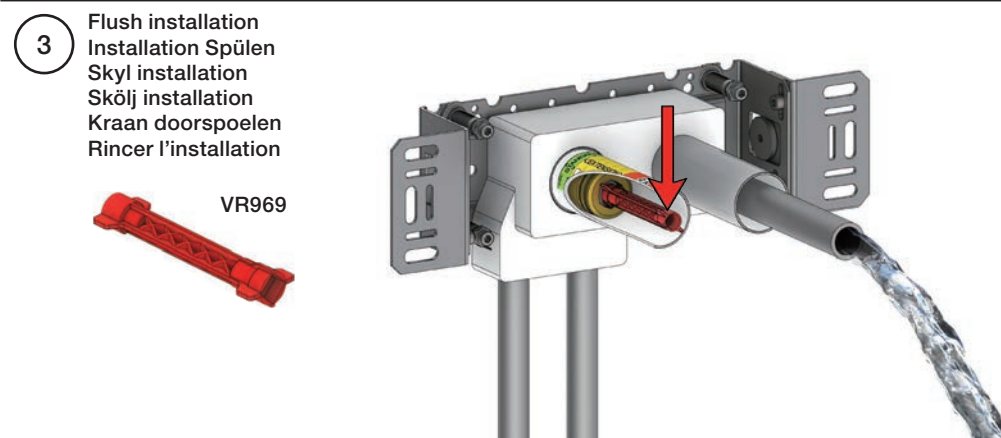
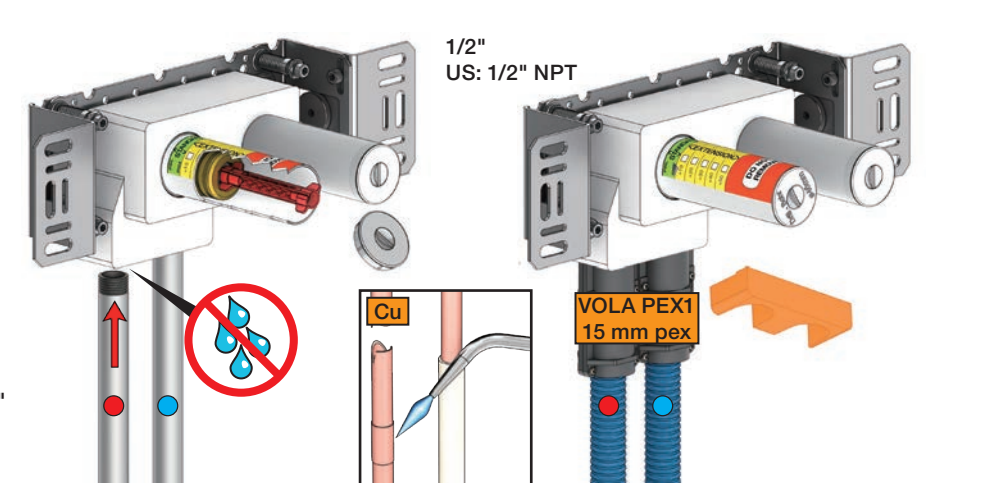
Test Pressure  
Prüfdruck  
testtryk  
Test tryck  
Test druk  
test de pression

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

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

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

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





VOLA 050, 050A, 050K

Fitting instruction  
Montageanleitung  
Monteringsvejledning  
Monteringsvægledning  
Montage hanleiding  
Manuel de montage



| Data             | Bar:      | 1   | 2   | 3   | 4   | 5   |
|------------------|-----------|-----|-----|-----|-----|-----|
| 051              | (l/min)   | 13  | 19  | 23  | 26  | 30  |
| 051A             | (Gal/min) | 3.5 | 5.0 | 6.1 | 7.0 | 7.8 |
| 051K             | (l/min)   | 5   | 5   | 5   | 5   | 5   |
|                  | (Gal/min) | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| Max. 65°C. 150°F |           |     |     |     |     |     |



**VR161 - 050, 050A:**  
VR161B: 6 l/min - 1.6 Gal/min  
VR161K: 7 l/min - 1.8 Gal/min  
VR161D: 9 l/min - 2.5 Gal/min  
VR161F: 14 l/min - 3.7 Gal/min



**USA:**  
Max. flow rate:  
1.6 Gal/min.  
6.0 l/min.



VR161B



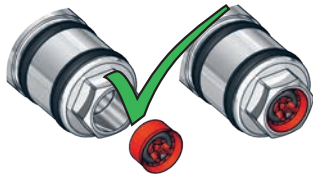
VR161K



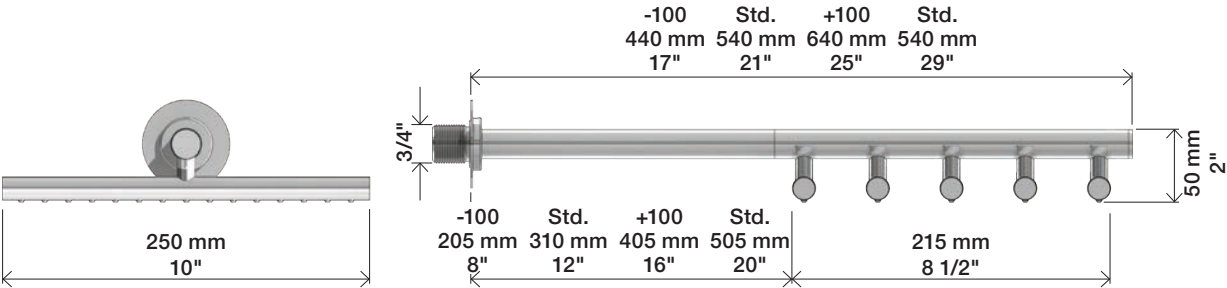
VR161D



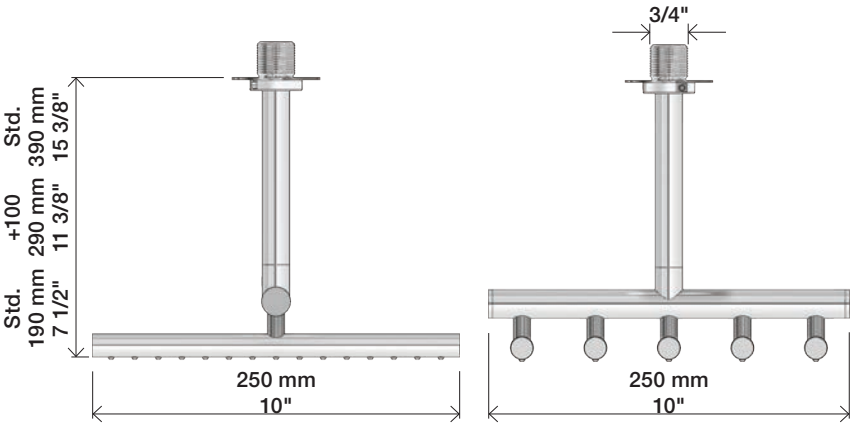
VR161F



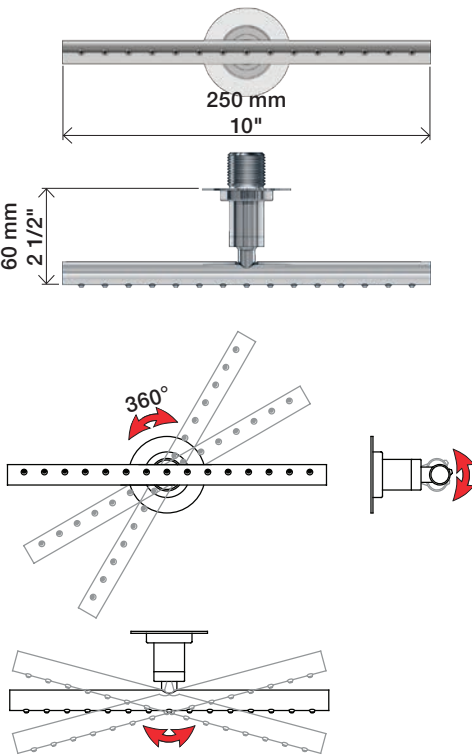
050



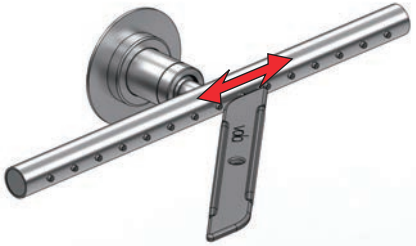
050A

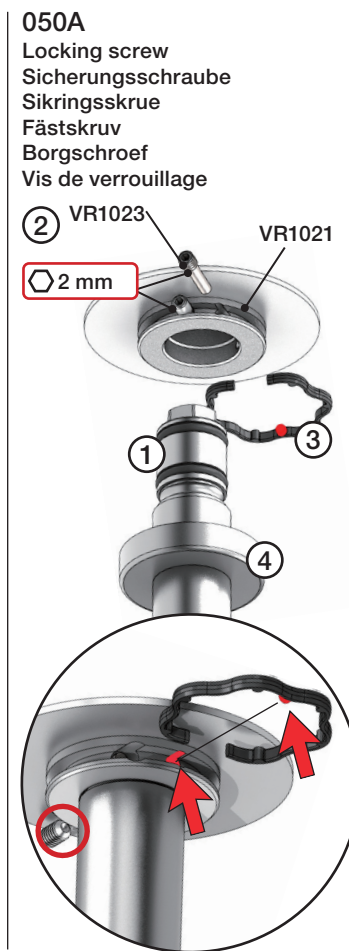
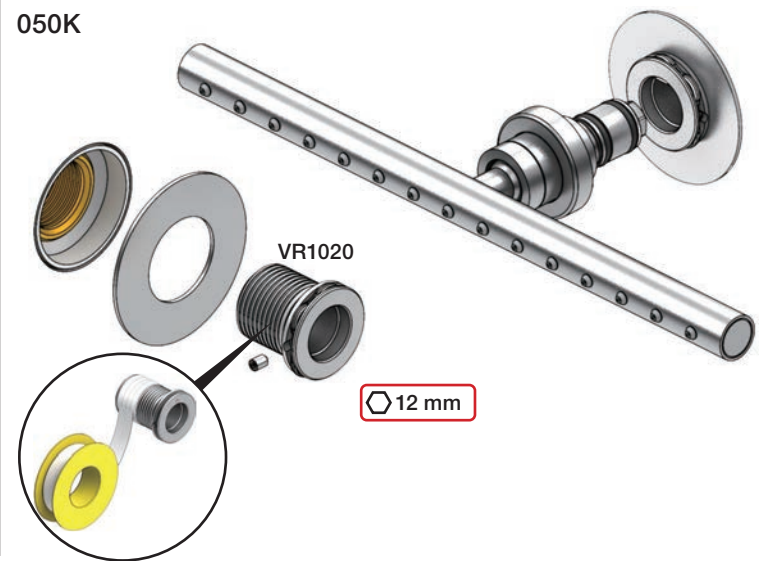
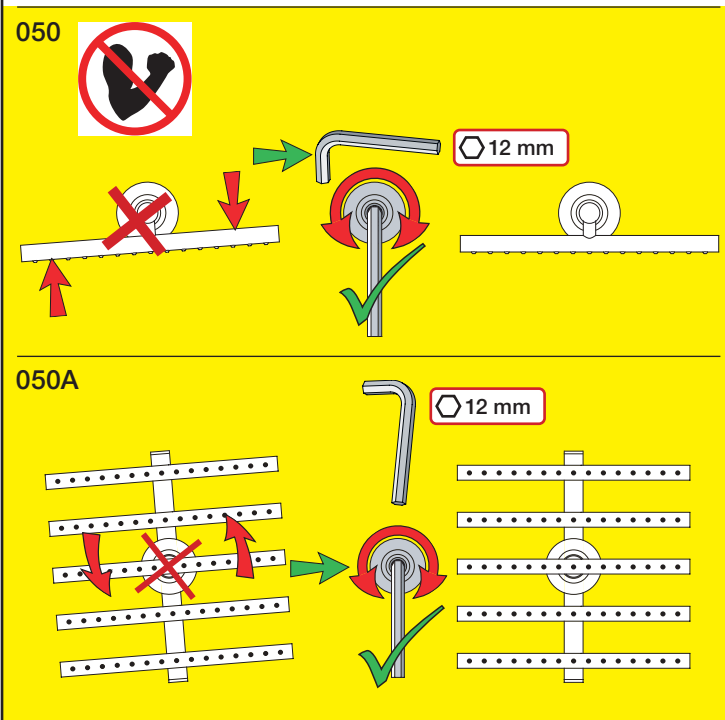
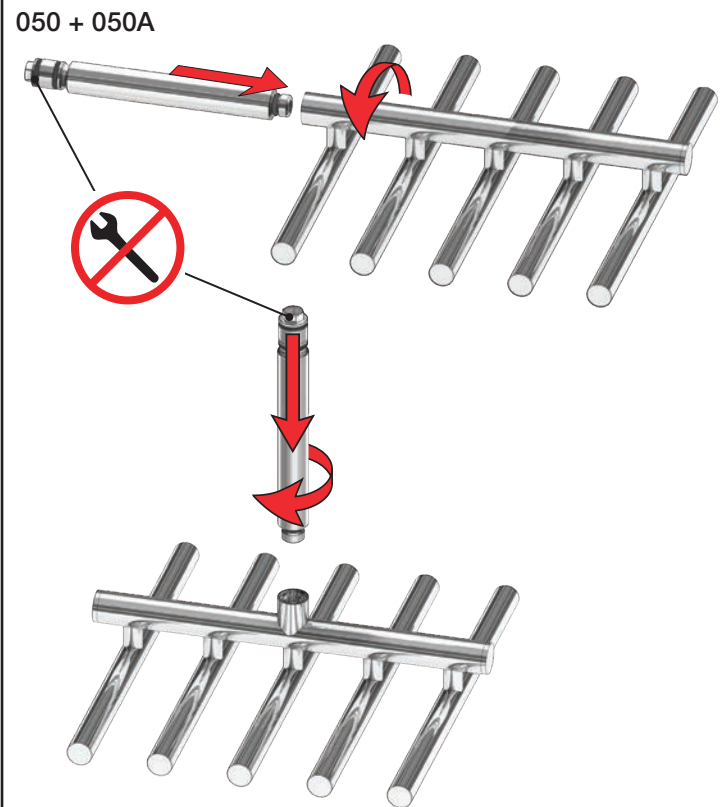


050K

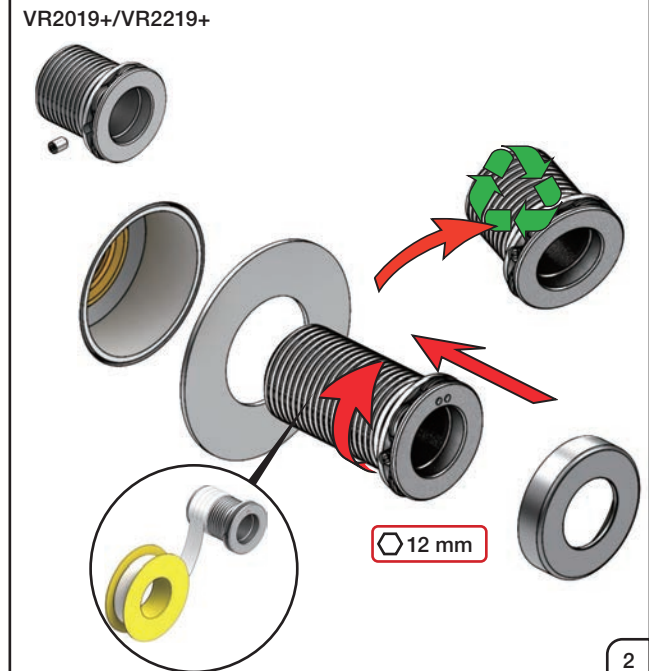


Service - VR556





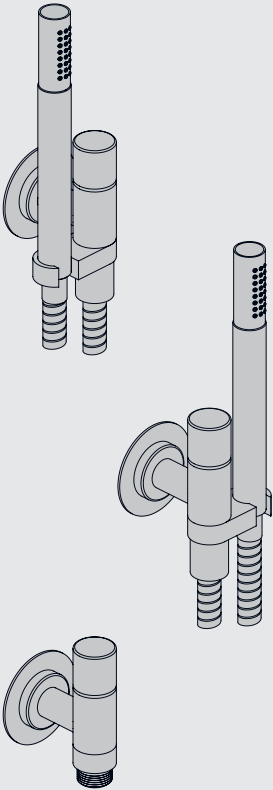
| Extension<br>Verlängerung        | Forlængerdele<br>Förlängning       | Verlengstukken<br>Modification                                         |
|----------------------------------|------------------------------------|------------------------------------------------------------------------|
| <b>T</b> Min. 3 mm<br>Max. 65 mm | <b>Y</b> Min. 48 mm<br>Max. 110 mm |                                                                        |
|                                  |                                    |                                                                        |
| T                                | Y                                  | VR2119 (VR1020): 050K<br>VR2021 (VR1020): 050<br>VR2219 (VR1021): 050A |
| 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                                                                    |





VOLA 070, 070R, 070-HT2

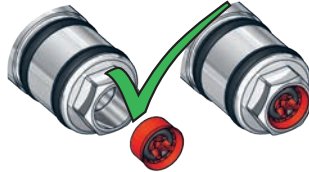
Fitting instruction  
Montageanleitung  
Monteringsvejledning  
Monteringsvægledning  
Montage hanleiding  
Manuel de montage



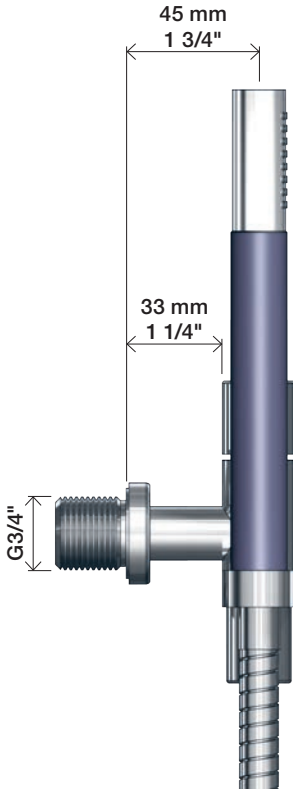
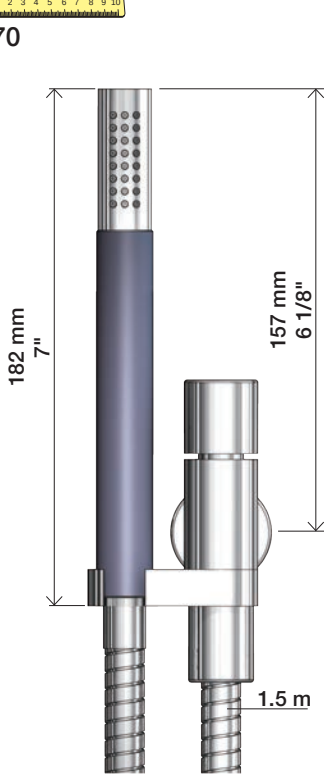
| Data                                                                              | Bar:                 | 1        | 2         | 3         | 4         | 5        |
|-----------------------------------------------------------------------------------|----------------------|----------|-----------|-----------|-----------|----------|
| 070/070R                                                                          | (l/min)<br>(Gal/min) | 9<br>2.5 | 9<br>2.5  | 9<br>2.5  | 9<br>2.5  | 9<br>2.5 |
| 070-HT2                                                                           | (l/min)<br>(Gal/min) | 9<br>2.5 | 12<br>3.2 | 15<br>4.0 | 17<br>4.5 | 19<br>5  |
|  | Max. 65°C. 150°F     |          |           |           |           |          |



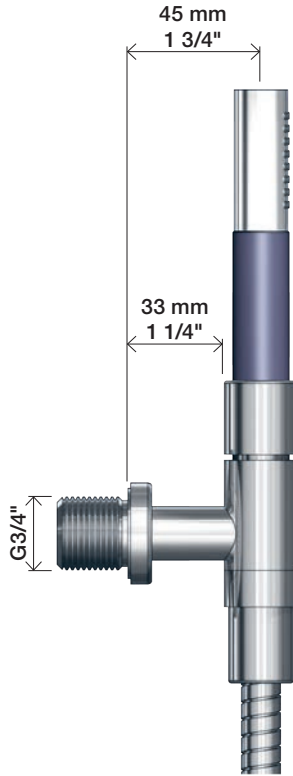
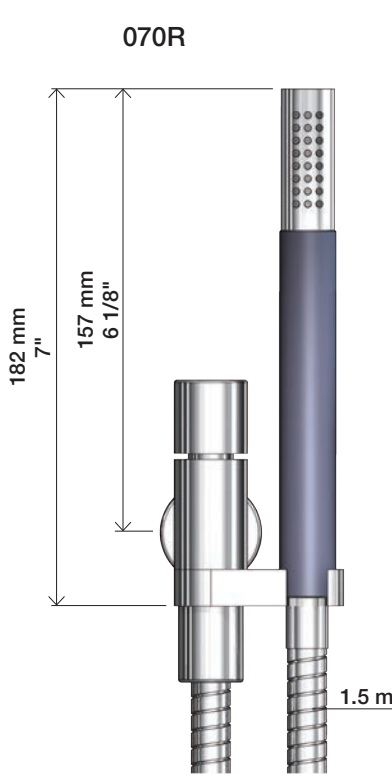
VR161:  
VR161K: 7 l/min - 1.8 Gal/min (Cal Green)



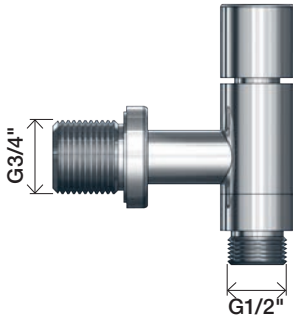
070

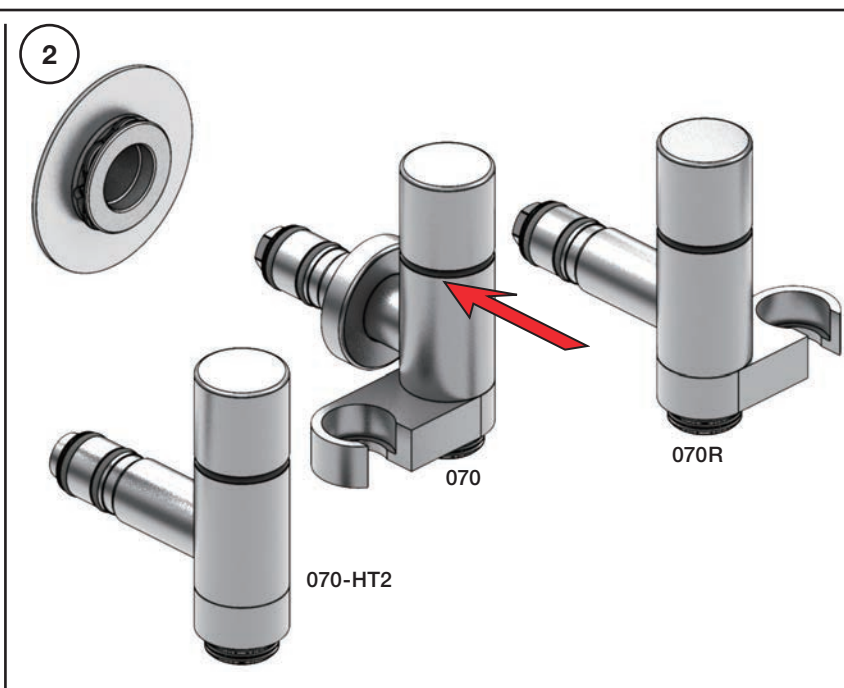
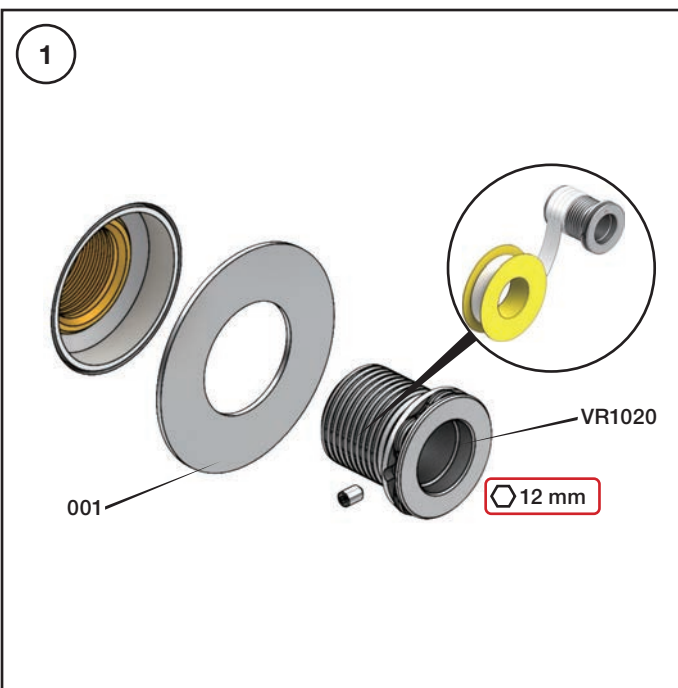


070R

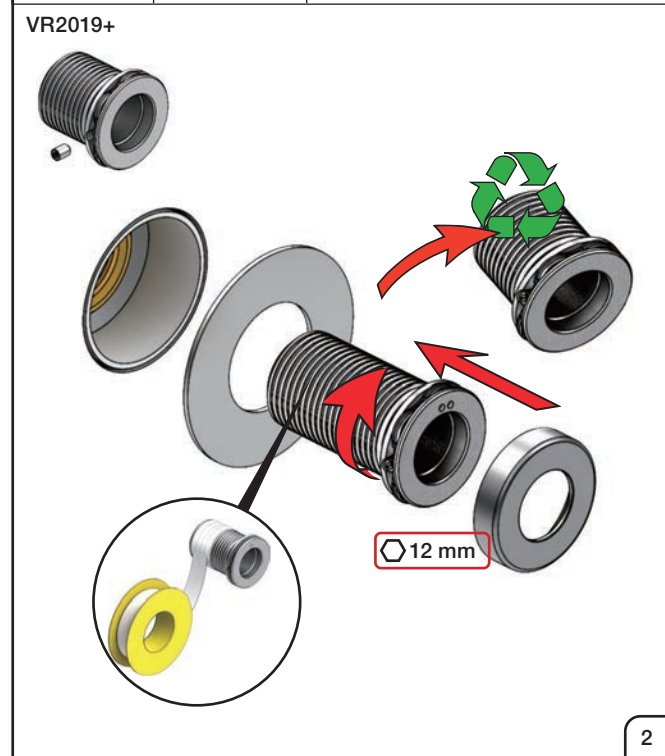
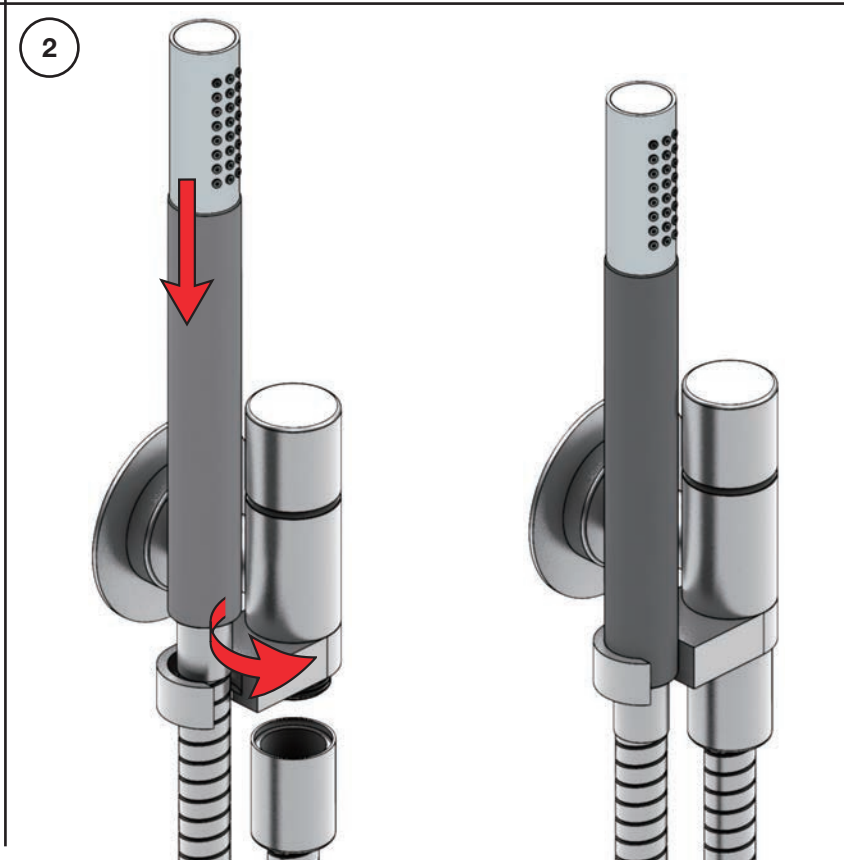


070-HT2





| Extension<br>Verlängerung                                                           | Forlængerdele<br>Förlängning | Verlengstukken<br>Modification |
|-------------------------------------------------------------------------------------|------------------------------|--------------------------------|
| <p><b>T</b> Min. 3 mm<br/>Max. 65 mm</p> <p><b>Y</b> Min. 48 mm<br/>Max. 110 mm</p> |                              |                                |
| T                                                                                   | Y                            | VR2019                         |
| 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                            |





VOLA 200M

Fitting instruction  
Montageanleitung  
Monteringsvejledning

Monteringsvægledning  
Montage hanleiding  
Manuel de montage

www.vola.com

200M\_V4\_40998506  
25-11-2022

5 705230 288055

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  | <input type="checkbox"/> | +10  |
| +20  | <input type="checkbox"/> | +20  |
| +30  | <input type="checkbox"/> | +30  |
| +40  | <input type="checkbox"/> | +40  |
| +50  | <input type="checkbox"/> | +50  |

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:

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

\* +10 - STANDARD SVERIGE

VR2019, VR2119  
VR2020, VR2219  
VR2021

VR648

| 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  |

|      |                 |  |
|------|-----------------|--|
| Std. | 26 mm<br>1"     |  |
| +10  | 36 mm<br>1 3/8" |  |
| +20  | 46 mm<br>1 3/4" |  |
| +30  | 56 mm<br>2 1/4" |  |
| +40  | 66 mm<br>2 1/2" |  |
| +50  | 76 mm<br>3"     |  |

Installation example  
Installationsbeispiel  
Installationseksempel  
Installatie voorbeeld  
l'installation des exemple

Fitting of extension  
Montage von verlängerung  
Montering af forlængerdele  
Montering av förlängning  
Montage van de verlengstukken  
Montage des rallonges

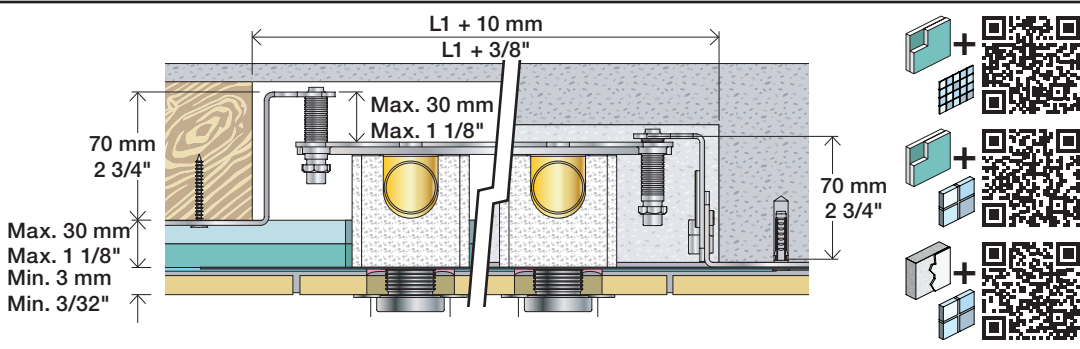
VR2019+, VR2119+  
VR2020+, VR2219+  
VR2021+

12 mm

VR648+

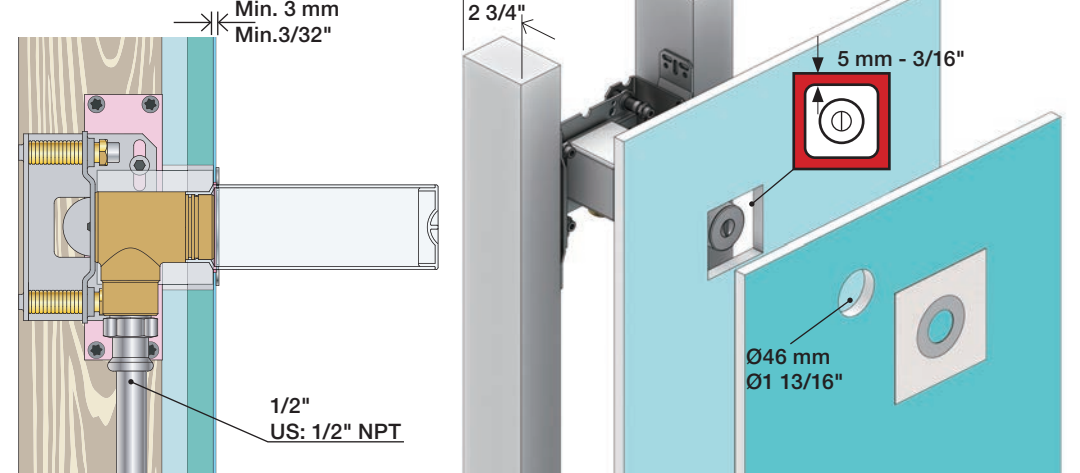
24 mm





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

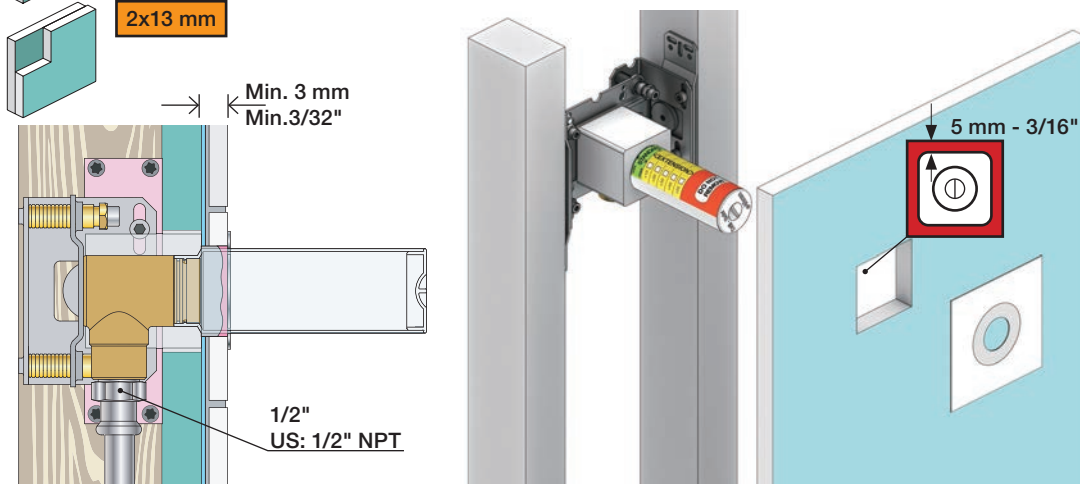
Lätta konstruktion  
Holle wandconstructie  
Construction légère



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

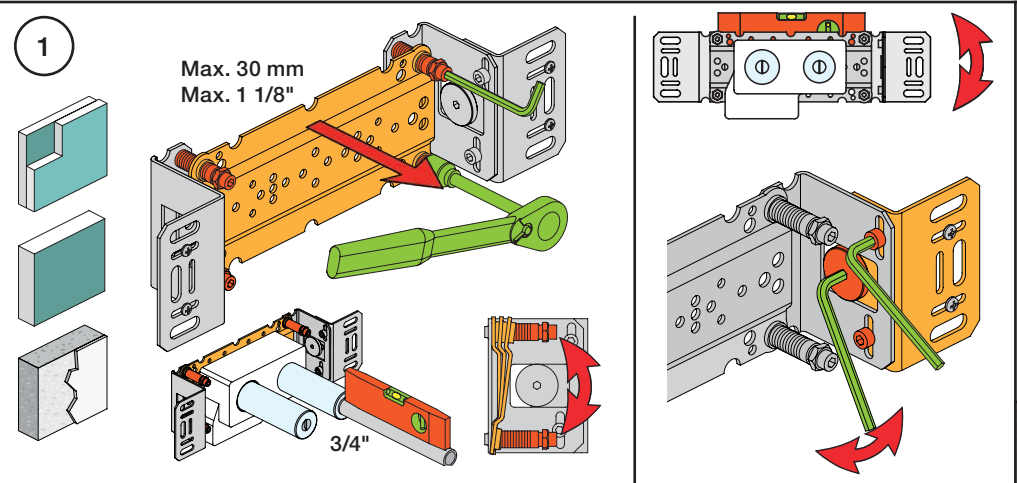
Lightweight wall  
Leichtwand  
Let væg

Lätta konstruktion  
Holle wandconstructie  
Construction légère



**Masonry**  
Mauerwerk  
Murværk

**Murverk**  
Massieve wand  
Mur Plein



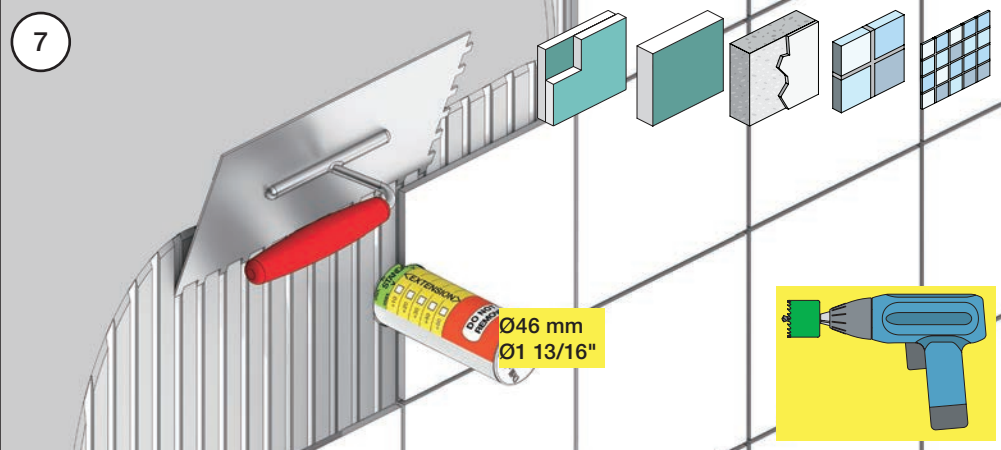
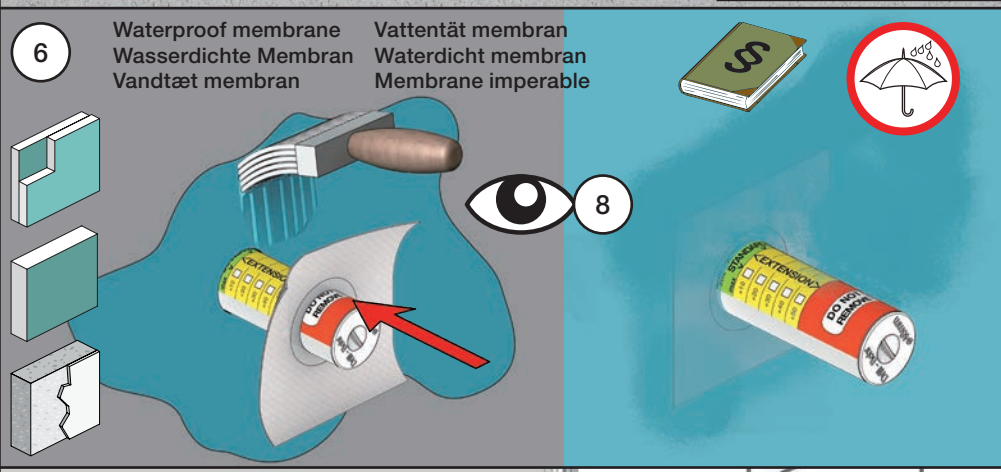
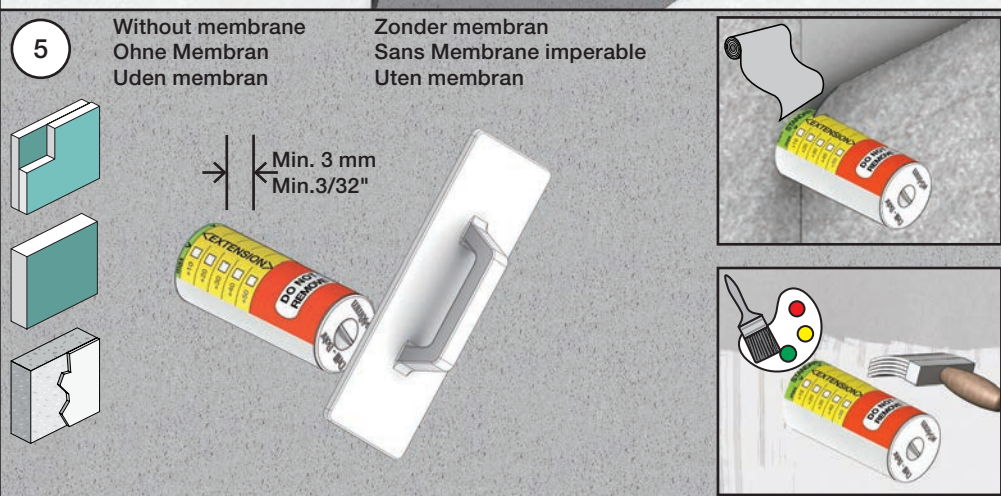
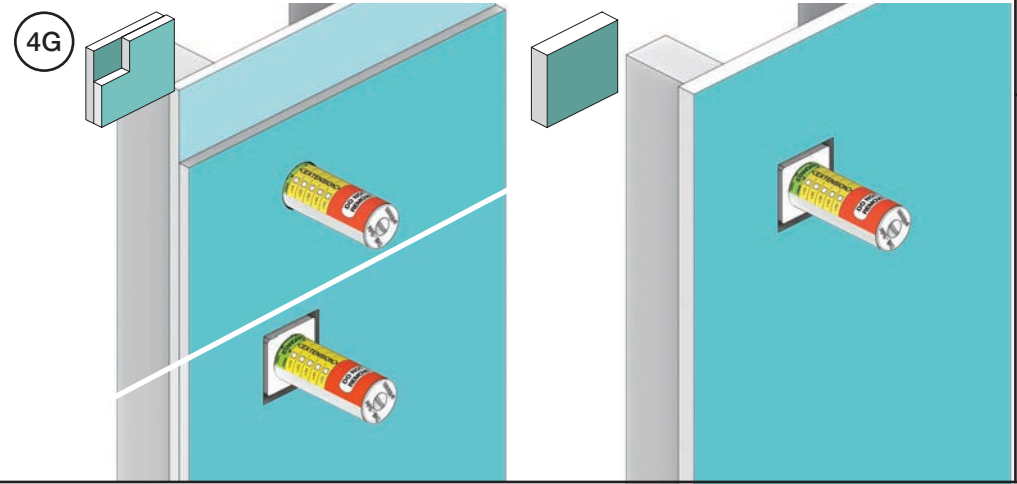
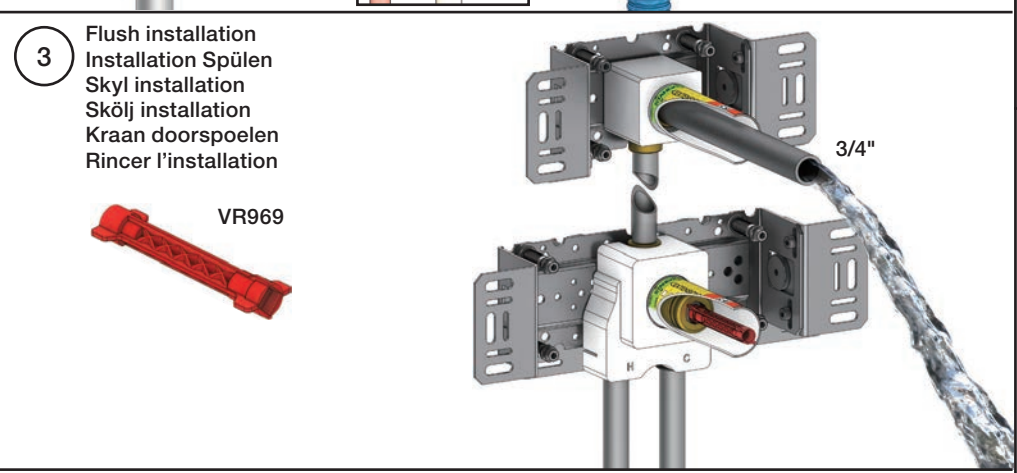
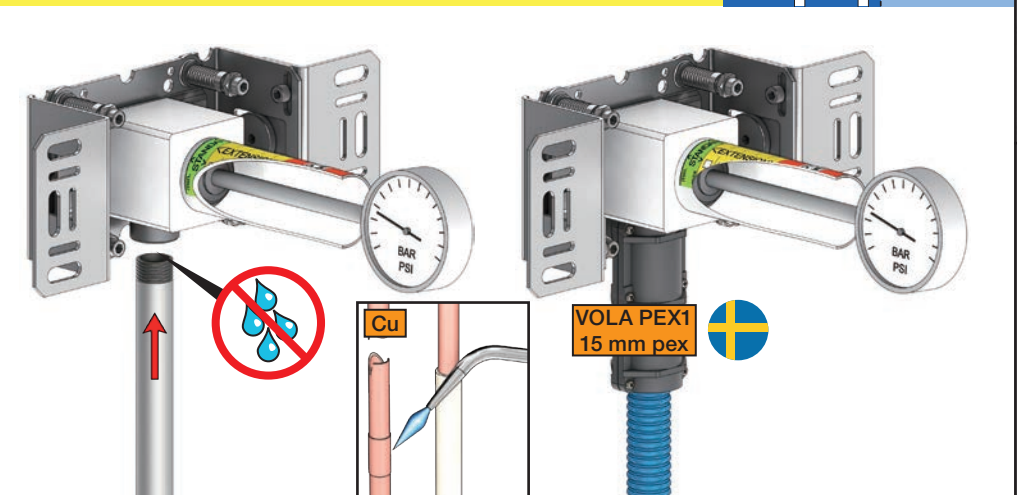
**2**

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



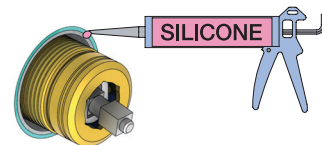
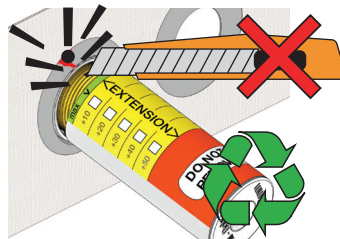
**8**

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**



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



\*Membran används inte i SVERIGE,  
ihop med inbygggnadsboxen.

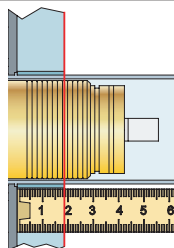
NR.21:

1

NR.28+19+24:

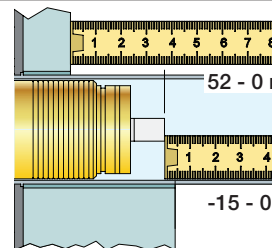
2

Förlängning  
Verlängerung  
Forlængelse  
Modification



VR2260/VR1400/VR2019

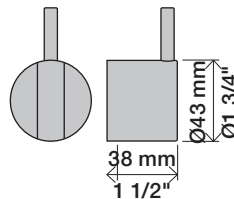
|           |            |      |
|-----------|------------|------|
| Tiles:    | 3 - 15 mm  | Std. |
| Fliesen:  | 15 - 25 mm | +10  |
| Fliser:   | 25 - 35 mm | +20  |
| Tegels:   | 35 - 45 mm | +30  |
| Carreaux: | 45 - 55 mm | +40  |
|           | 55 - 65 mm | +50  |



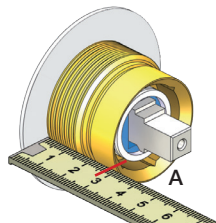
VR2260/VR1400/VR2019

|  |             |      |
|--|-------------|------|
|  | 35 - 47 mm  | Std. |
|  | 25 - 35 mm  | +10  |
|  | 15 - 25 mm  | +20  |
|  | 5 - 15 mm   | +30  |
|  | -5 - 5 mm   | +40  |
|  | -15 - -5 mm | +50  |

NR 21



NR 21 - 1



VR2279

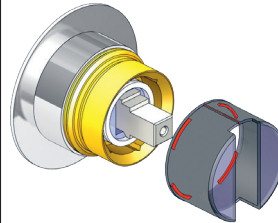
VR2279B

VR2279C

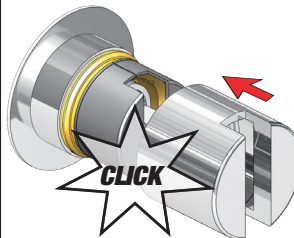


|         |       | A          |
|---------|-------|------------|
| VR2279  | 16 mm | 30 - 34 mm |
| VR2279B | 12 mm | 26 - 30 mm |
| VR2279C | 8 mm  | 22 - 26 mm |

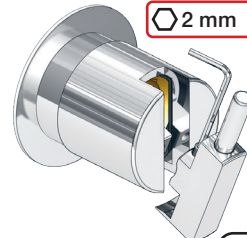
NR 21 - 2

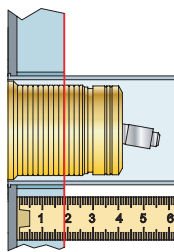


NR 21 - 3

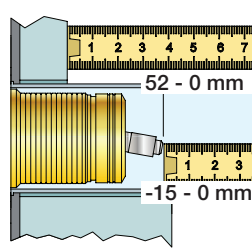


NR 21 - 4



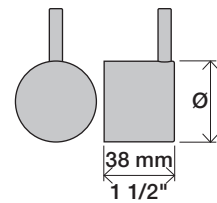


| VR1260/VR1400/VR2019              |                      |      |
|-----------------------------------|----------------------|------|
| Titles:<br>Fliessen:<br>Fliessen: | Tegels: 3 - 15 mm    | Std. |
|                                   | Carreaux: 15 - 25 mm | +10  |
|                                   | 25 - 35 mm           | +20  |
|                                   | 35 - 45 mm           | +30  |
|                                   | 45 - 55 mm           | +40  |
|                                   | 55 - 65 mm           | +50  |



| VR1260/VR1400/VR2019 |            |      |
|----------------------|------------|------|
|                      | 40 - 52 mm | Std. |
|                      | 30 - 40 mm | +10  |
|                      | 20 - 30 mm | +20  |
|                      | 10 - 20 mm | +30  |
|                      | 0 - 10 mm  | +40  |
|                      | -10 - 0 mm | +50  |
|                      |            |      |

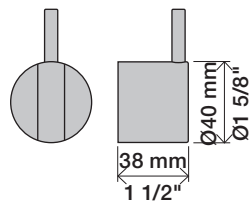
## NR 19/NR24



NR 19:  
Ø40 mm  
Ø1 5/8"

NR 24:  
Ø43 mm  
Ø1 3/4"

## NR 28

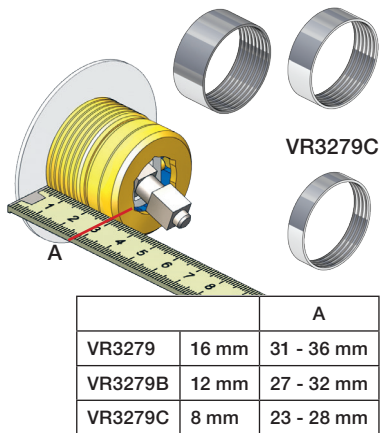


## NR 28 - 1

## VR3279

## VR3279B

## NR 28 - 2



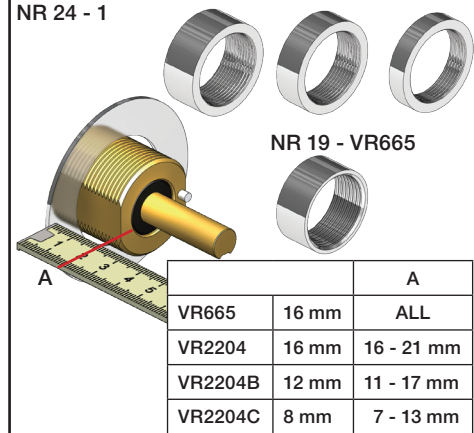
|         | A     |            |
|---------|-------|------------|
| VR3279  | 16 mm | 31 - 36 mm |
| VR3279B | 12 mm | 27 - 32 mm |
| VR3279C | 8 mm  | 23 - 28 mm |

## NR 19 - 1 NR 24 - 1

## VR2204

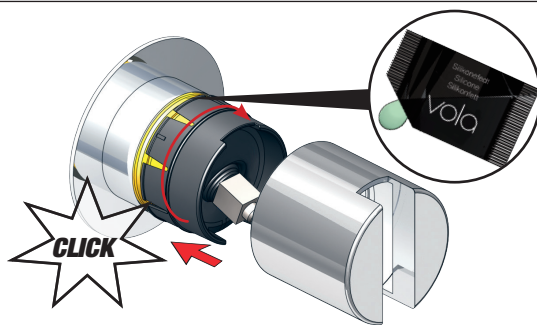
## VR2204B

## VR2204C

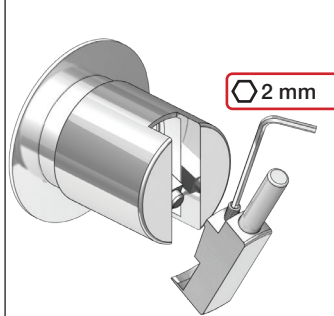


|         | A     |            |
|---------|-------|------------|
| VR665   | 16 mm | ALL        |
| VR2204  | 16 mm | 16 - 21 mm |
| VR2204B | 12 mm | 11 - 17 mm |
| VR2204C | 8 mm  | 7 - 13 mm  |

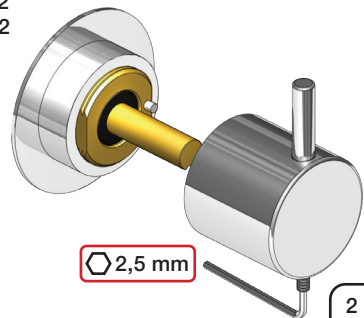
## NR 28 - 3



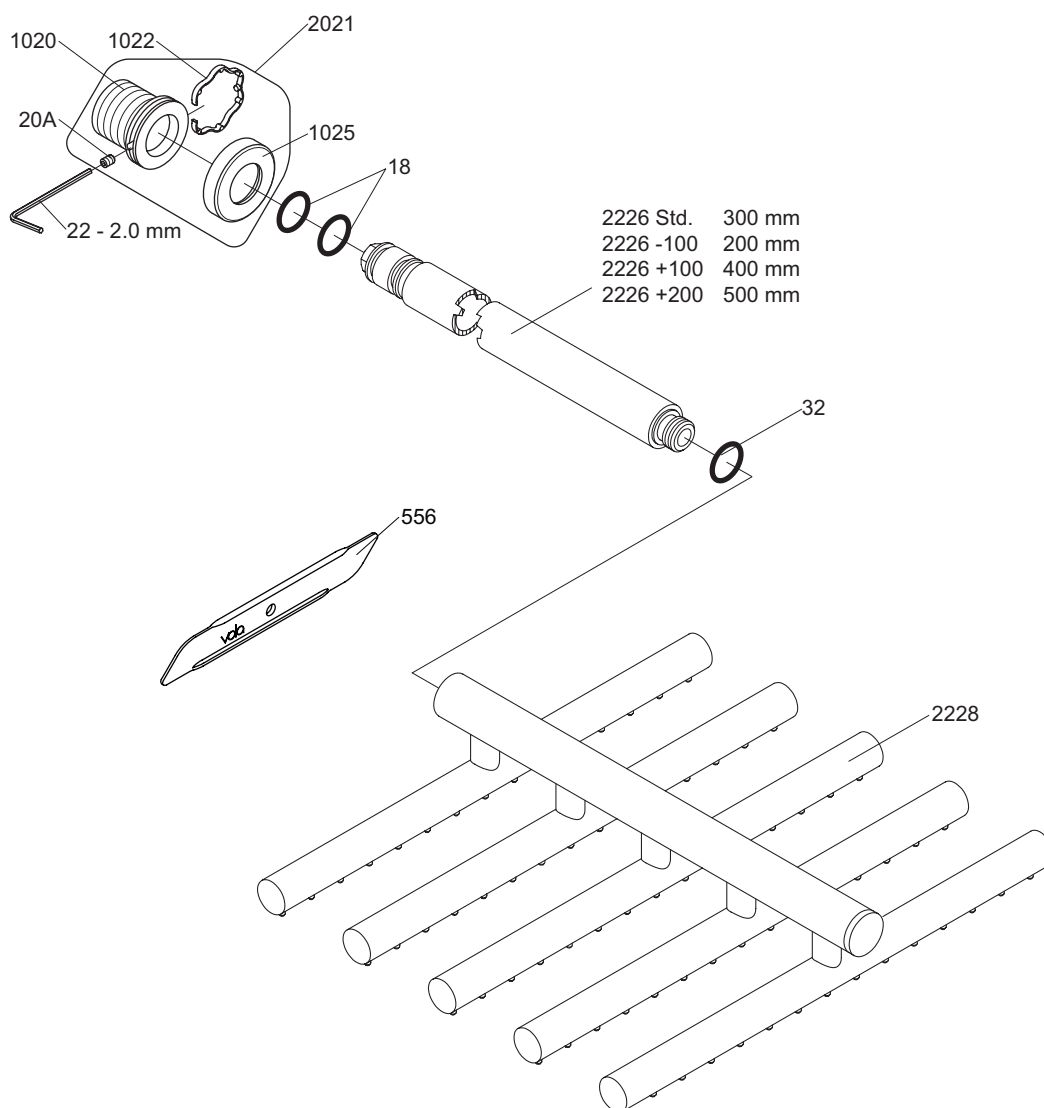
## NR 28 - 4



## NR 19 - 2 NR 24 - 2







VR1020K: VR20A, VR22, VR1020, VR1022  
 VR2021: VR20A, VR22, VR1020, VR1022, VR1025



**vola**  
 Lunavej 2  
 DK-8700 Horsens  
 Tlf : + 45 7023 5500  
 sales@vola.com  
 www.vola.com

**VOLA 050**

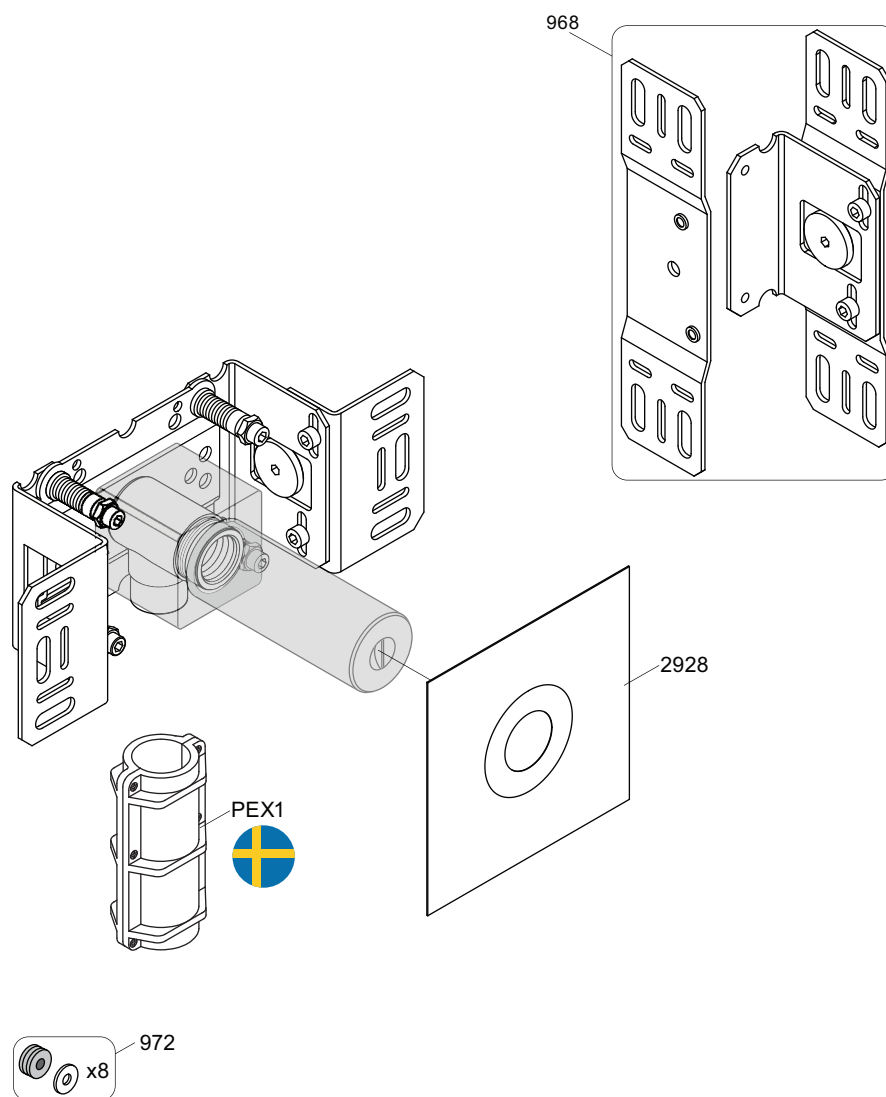
Date  
 Apr. 21

Rev.  
 3

Sheet  
 SB 14.1







vola

Lunavej 2  
DK-8700 Horsens  
Tlf : + 45 7023 5500  
sales@vola.com  
www.vola.com

## VOLA 200M

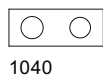
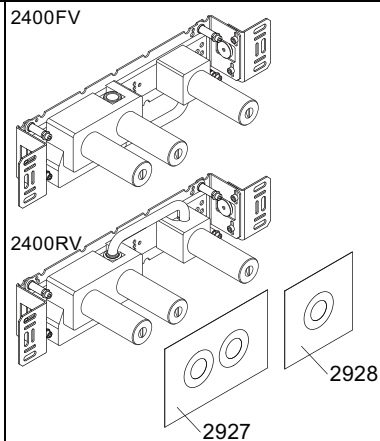
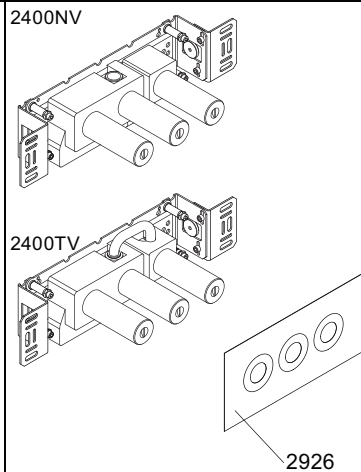
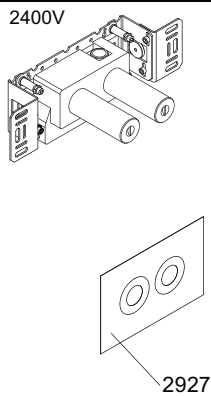
Date  
May. 22

Rev.  
3

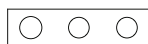
Sheet  
SB 2.3

[illegible]

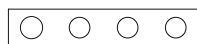
|          |                                                                                            |
|----------|--------------------------------------------------------------------------------------------|
| NR21:    | VR20D, VR22, VR1275, VR2269, VR2273, VR2278, VR2279, VR2279B, VR2279C                      |
| NR24*:   | VR2A, VR22, VR1419, VR2204, VR2204B, VR2204C - (Brass, Messing, Laiton)                    |
| NR24**:  | VR2A, VR22, VR1419, VR2204 - (Stainless steel, Edelstahl, Rustfrit stål, Acier inoxydable) |
| VR1277K: | VR22, VR2269, VR1277                                                                       |
| VR1400:  | VR21, VR23, VR406, VR1902, VR2213                                                          |



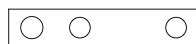
1040



2003K



2004



2003



2001, 001G



2001, 001G, 001



2001, 001G, 001



voia®

Lunavej 2  
DK-8700 Horsens  
Tlf : + 45 7023 5500  
sales@vola.com  
www.vola.com

# VOLA 2400

## 2400V/FV/NV/RV/TV

Date  
May. 22

Rev. 5

Sheet  
**SB 10.10**