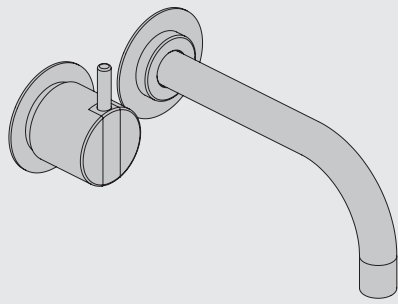
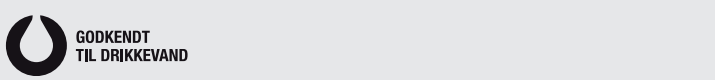
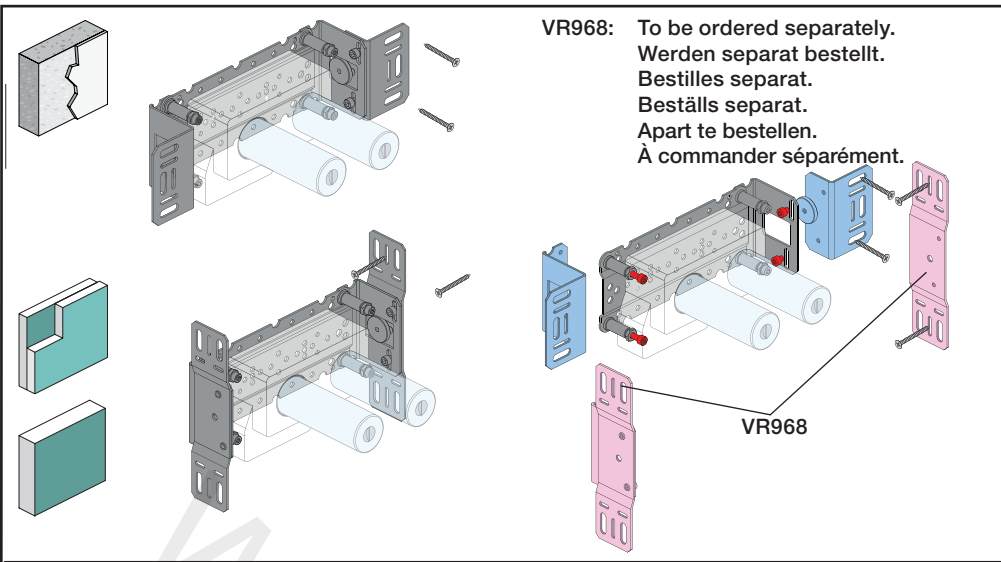


VOLA 100, 100X, 200, 200V, 300  
VOLA 400DV, 400, 400V, 400N, 400NV, 400T  
VOLA 400TV, 400F, 400FV, 400R, 400RV  
VOLA 2100, 2100X, 2200, 2200V, 2300, 2400  
VOLA 2400V, 2400N, 2400NV, 2400T, 2400TV  
VOLA 2400F, 2400FV, 2400R, 2400RV

Fitting instruction Monteringsvægledning  
Montageanleitung Montage hanleiding  
Monteringsvejledning Manuel de montage



www.vola.com  
100-2100\_V3\_40998502  
17-08-2022  
5 705230 286211



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

**A**

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

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

**B**

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

**!DO NOT!  
!REMOVE!**

|                                                                    | L                 | L1            | L2                | H               | H1               | D               |
|--------------------------------------------------------------------|-------------------|---------------|-------------------|-----------------|------------------|-----------------|
| 100, 100X, 200V, 300, 400V, 400DV, 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, 2400NV, 2400TV                                       | 475 mm<br>18 3/4" | 355 mm<br>14" | 367 mm<br>14 1/2" |                 |                  |                 |
| 400FV, 400RV, 2400FV, 2400RV                                       | 552 mm<br>21 3/4" | 435 mm<br>17" | 447 mm<br>17 5/8" |                 |                  |                 |

**C**

DE: Bitte separat beiliegende Anleitung für die Schalldämpfer VR1249 beachten

DE: Bitte separat beiliegende Anleitung für die Schallentkopplung VR972 beachten

**D**

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

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

200M

PEX1

Extension  
Verlängerung  
Forlængerdele  
Förlängning  
Aanpassing  
Modification

VR1260

VR2260

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                   |

Extension, retrofit  
Verlängerung, nachträglicher Einbau  
Forlængerdele, eftermontering  
Förlängning, eftermontering  
Aanpassing na montage  
Modification après installation

X 52 - 0 mm

X -15 - 0 mm

|  | X          | 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                      |

|  | X           | 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                      |

Fitting of extension  
Montage von verlängerung  
Montering af forlængerdele

Montering av förlängning  
Montage van de verlengstukken  
Montage des rallonges

VR1260+

VR2260+

VR2019+, VR2119+

VR269

VR2269

12 mm

18 mm

26 mm

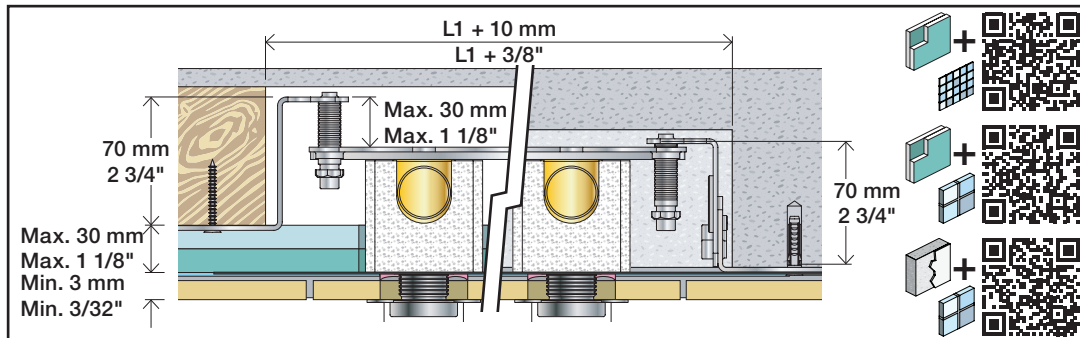
VR1400+

400-2400

VR1410

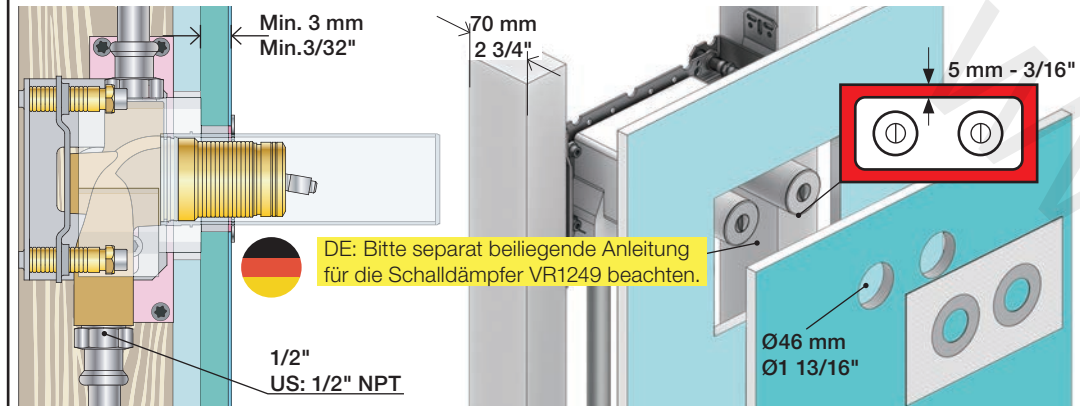
28 mm





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

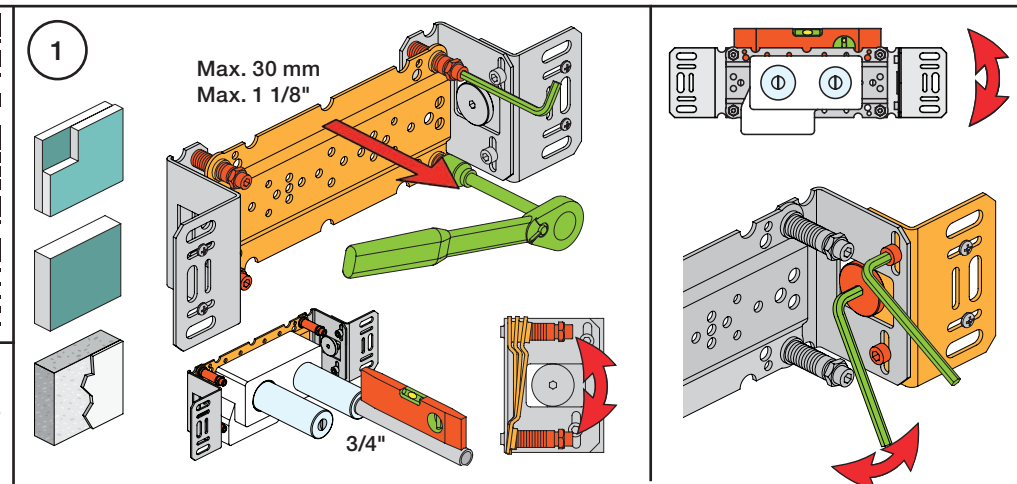
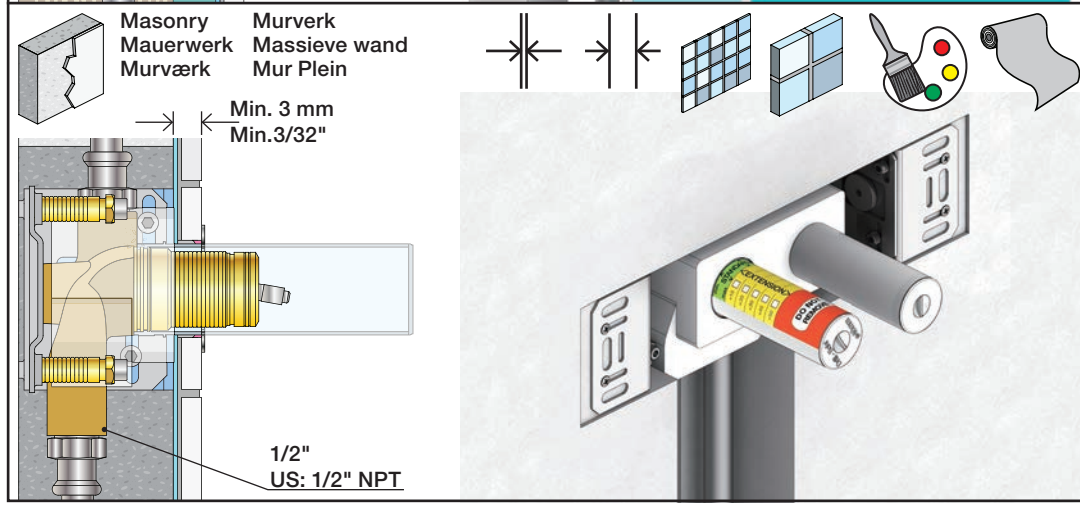
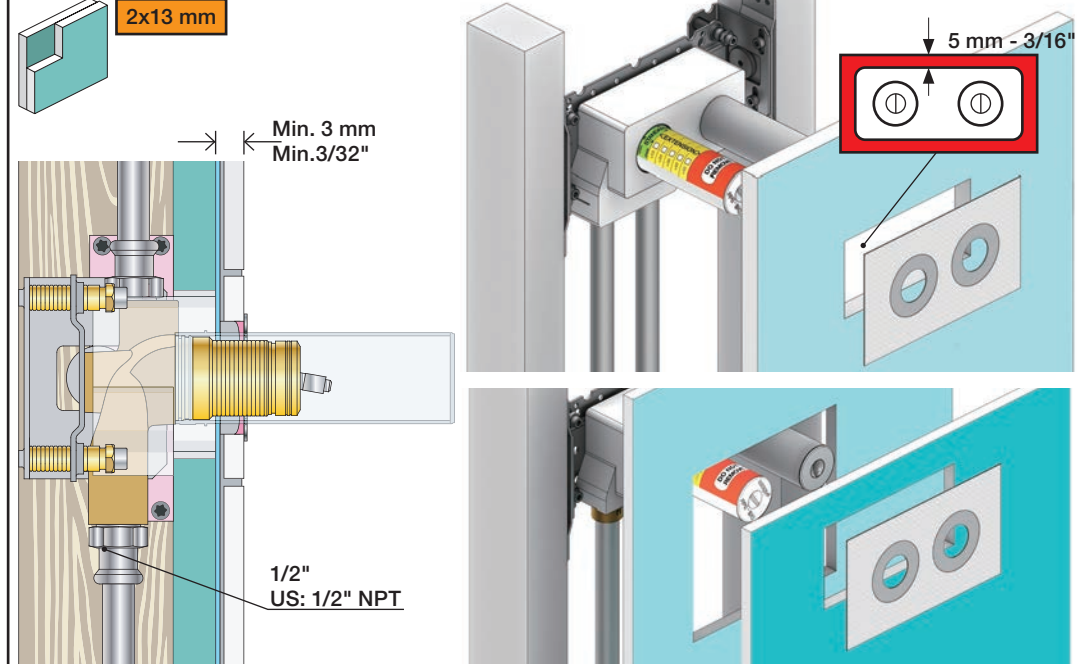
Lätta konstruktion  
Holle wandconstructie  
Construction légère



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

Lightweight wall  
Leichtwand  
Let væg

Lätta konstruktion  
Holle wandconstructie  
Construction légère



**2**

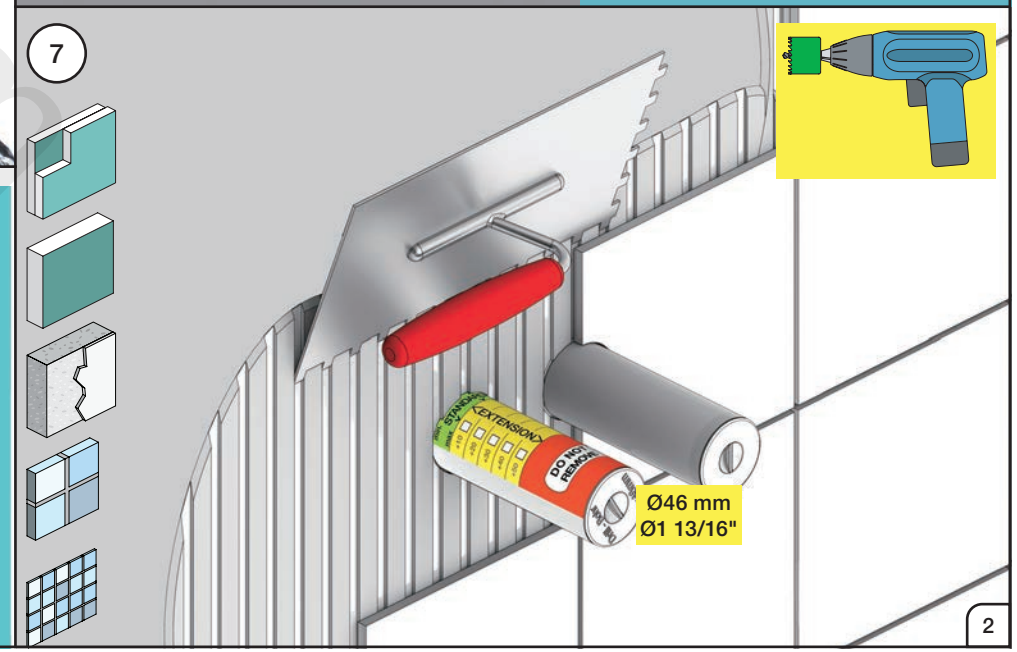
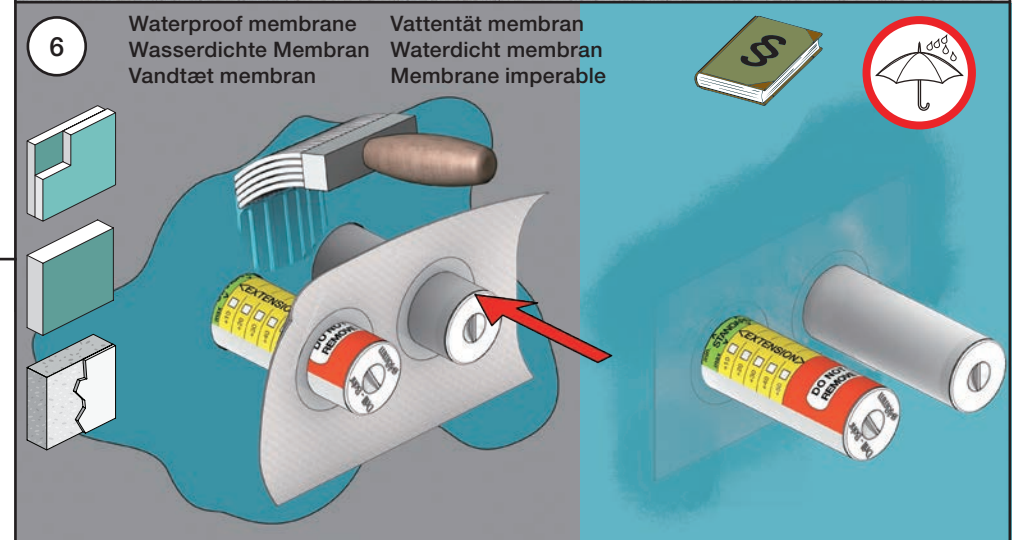
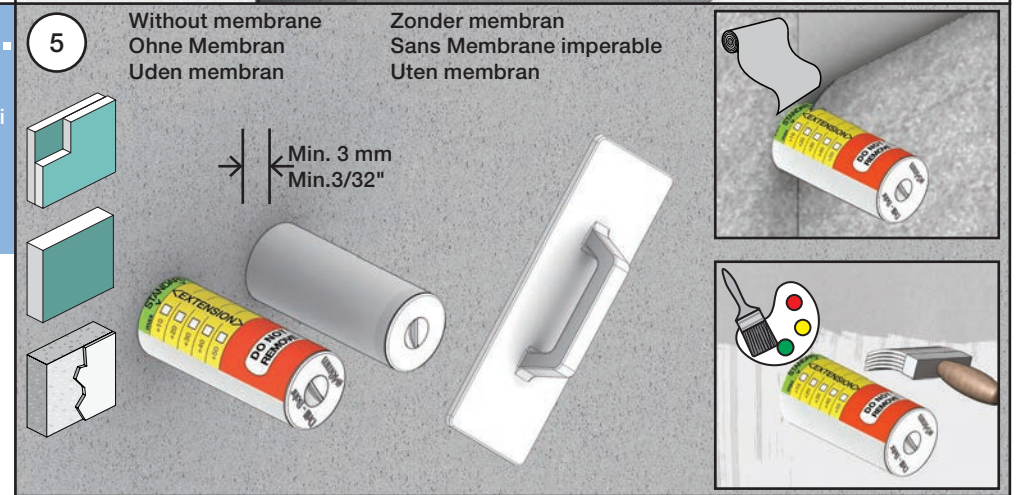
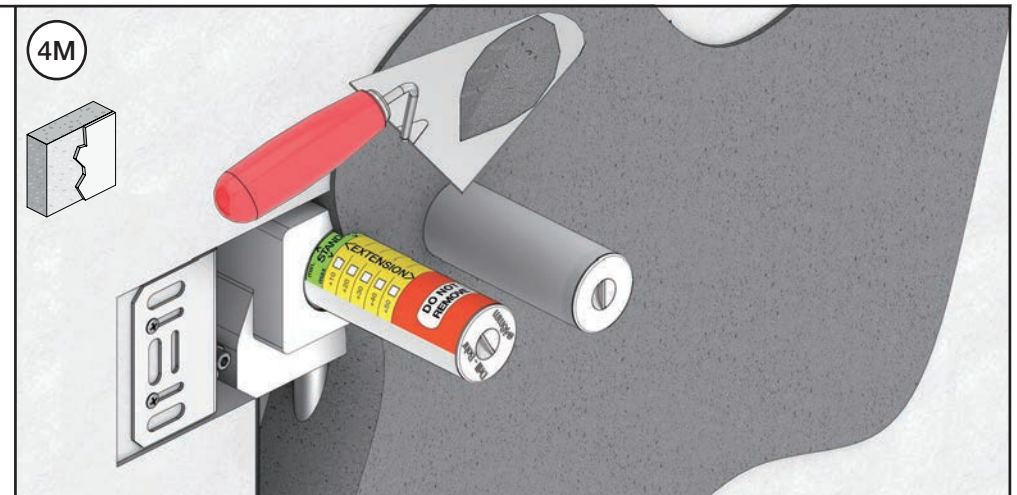
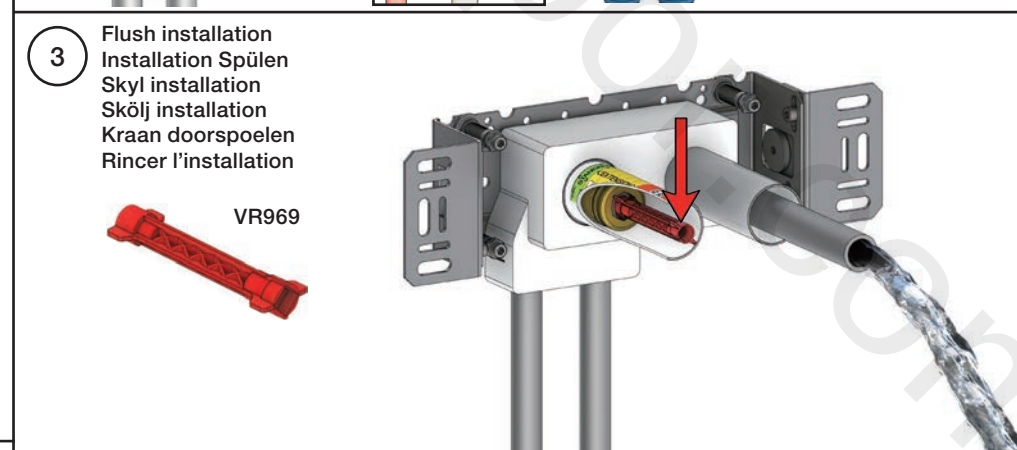
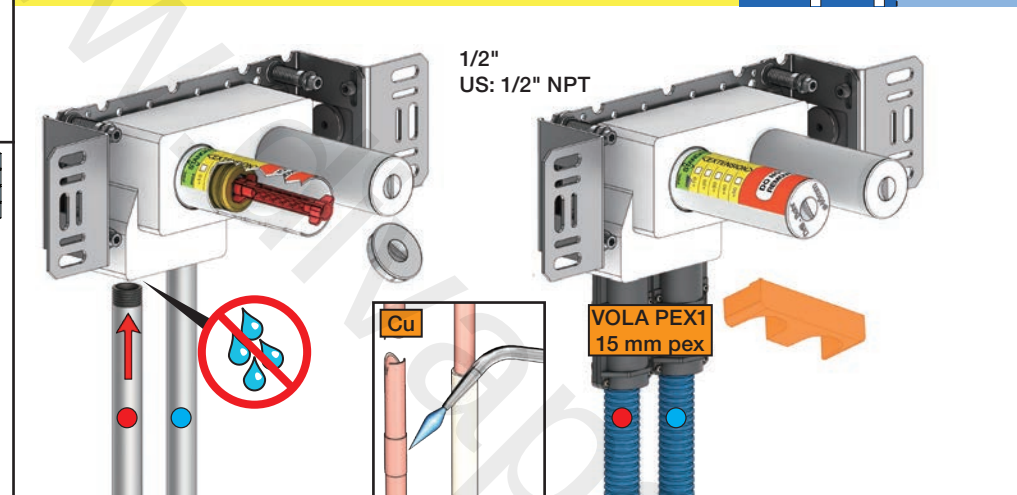
Test Pressure  
Prüfdruck  
testtryk  
Test tryk  
Test druk  
test de pression

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

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

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

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

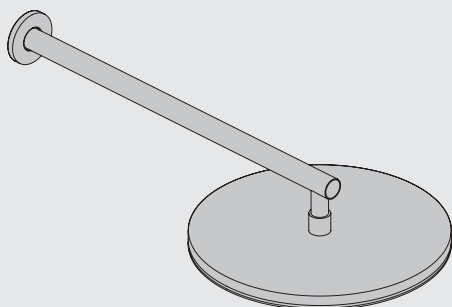




Fitting instruction  
Montageanleitung  
Monteringsvejledning  
Monteringsvægledning  
Montagehanleiding  
Manuel de montage

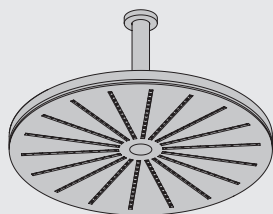
060:

1 - 6 + 11



060A:

7 - 11



| Data | Bar:             | 1   | 2   | 3   | 4   | 5   |
|------|------------------|-----|-----|-----|-----|-----|
|      | (l/min)          | 12  | 18  | 22  | 25  | 29  |
|      | (Gal/min)        | 3.4 | 4.8 | 5.8 | 6.6 | 7.7 |
|      | Max. 65°C. 150°F |     |     |     |     |     |

**VR161 - 060, 060A:**  
 VR161K: 1.8 Gal/min - 7 l/min  
 VR161D: 2.5 Gal/min - 9 l/min  
 VR161F: 3.7 Gal/min - 14 l/min

VR161K VR161D VR161F

3 + 10

VR648

060

200: 393 mm 15 1/2" -100: 493 mm 19 1/2" Std.: 593 mm 23 3/8"

200: 250 mm 9 7/8" -100: 350 mm 13 3/4" Std.: 450 mm 17 3/4"

80 mm 3 1/8"

Ø70 mm Ø2 3/4"

Ø286 mm Ø11 1/4"

1

Ø50 mm Ø2"

24 mm

2

3

VR161F: 14 l/min 3.7 Gal/min

4

4 - 8 mm 1/8" - 3/8"

2,5 mm

5

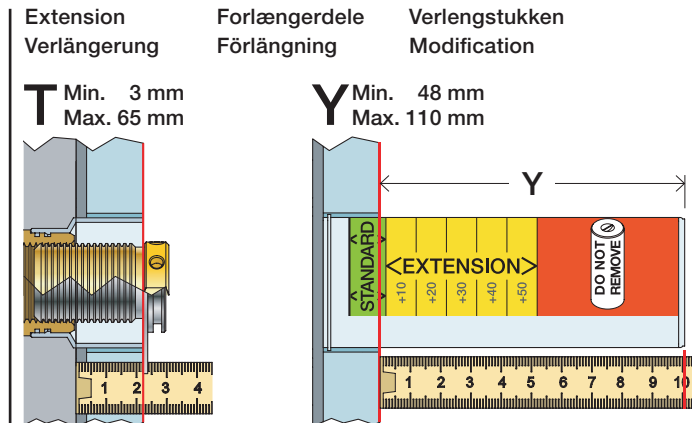
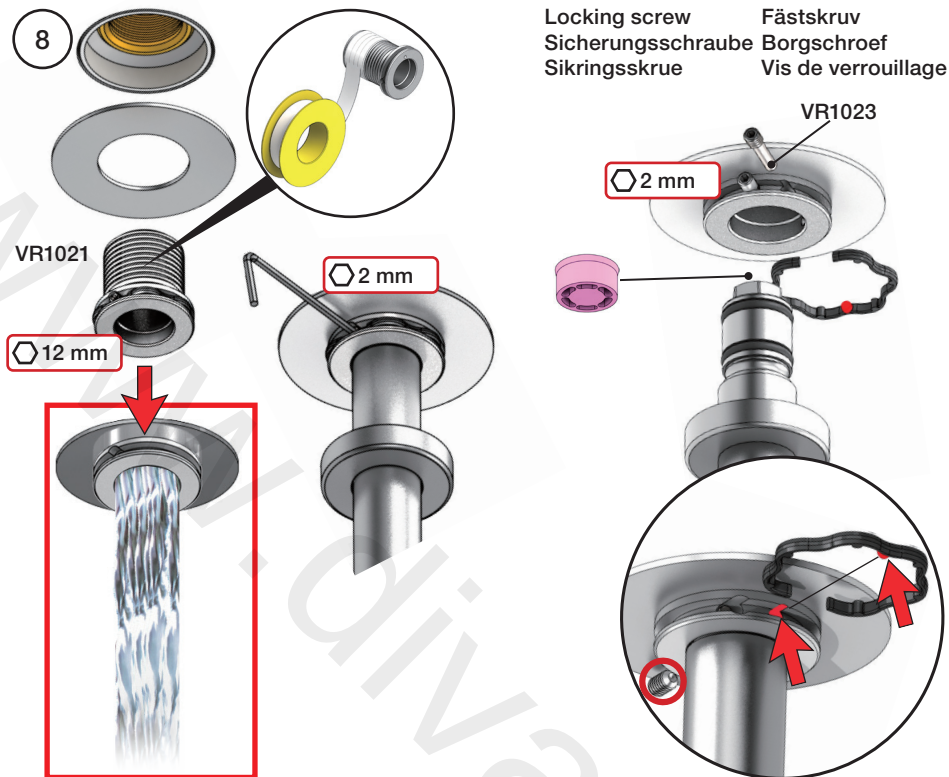
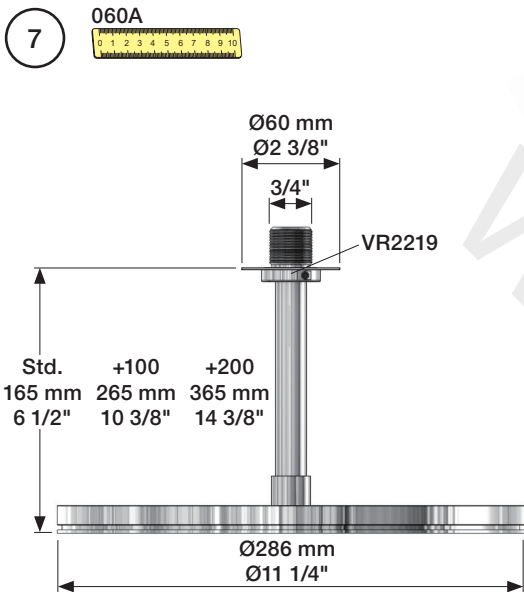
6 + 11

2,5 mm

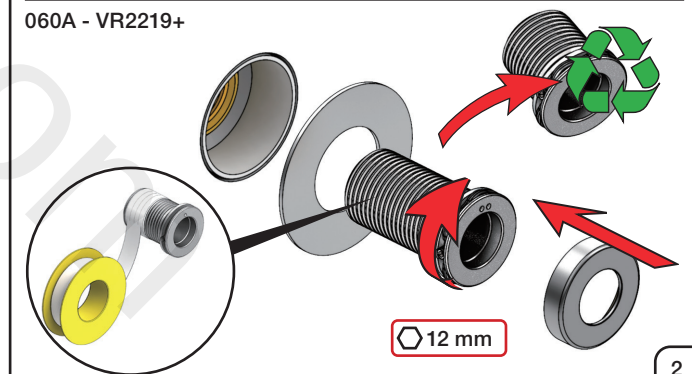
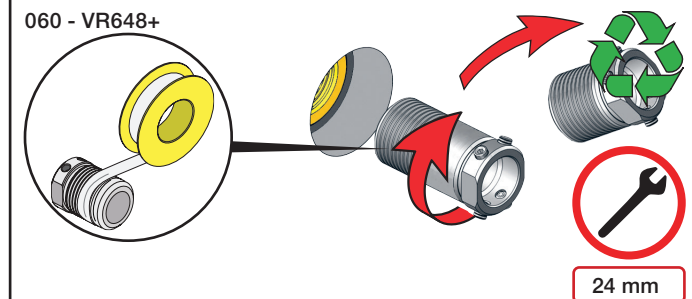
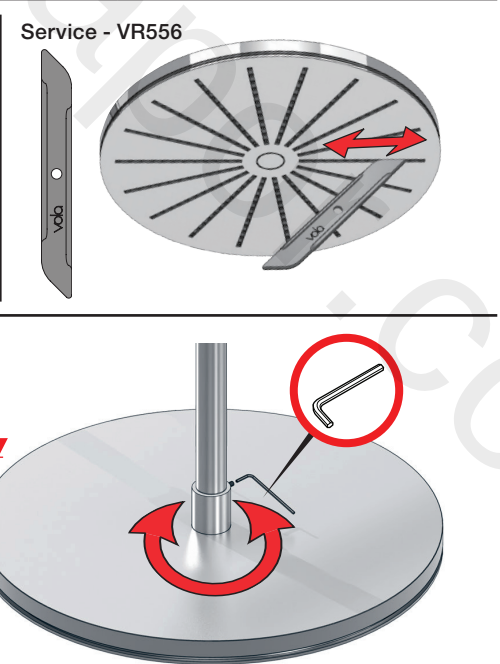
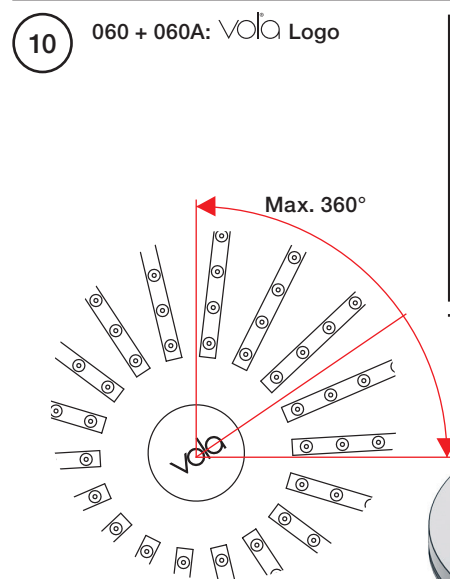
1 + 2

3 + 4

1



| T: VR2219  | 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  |

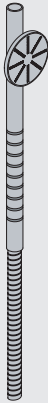




Fitting instruction  
Montageanleitung  
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Monteringsvægledning  
Montage hanleiding  
Manuel de montage



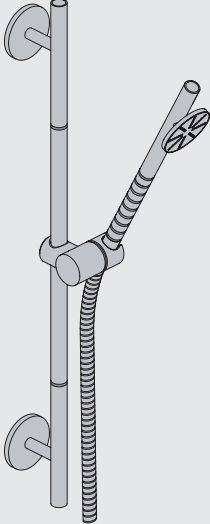
T60:



T68:



T65:



1

T60

28 mm  
1 1/8"

55 mm  
2 1/8"

Ø17 mm  
Ø11/16"

290 mm  
11 3/8"

1500 mm  
5'

G1/2"

Ø60 mm  
Ø2 3/8"

2

T68

Ø43 mm  
Ø1 3/4"

40 mm  
1 5/8"

SILICONE

Ø6 mm  
1/4"

25 mm  
1"

001G

T8 → T68

3

T65

50 mm  
2"

50 mm  
2"

55 mm  
2 1/8"

Ø60 mm  
Ø2 3/8"

490 mm  
19 1/4"

590 mm  
23 1/4"

690 mm  
27 1/8"

790 mm  
31"

900 mm  
35 3/8"

600 mm  
23 5/8"

700 mm  
27 1/2"

800 mm  
31 1/2"

| Data | Bar:                 | 1          | 2          | 3         | 4         | 5         |
|------|----------------------|------------|------------|-----------|-----------|-----------|
| T60  | (l/min)<br>(Gal/min) | 6.9<br>1.8 | 9.8<br>2.6 | 12<br>3.2 | 14<br>3.7 | 15<br>4.1 |
|      | Max. 65°C. 150°F     |            |            |           |           |           |

Service - VR556

Bathtub  
Badewanne

Badekar  
Badkar

Badkuip  
Baignoire

T68

Min. 350 mm  
Min. 14"

070

Min. 200 mm  
Min. 8"

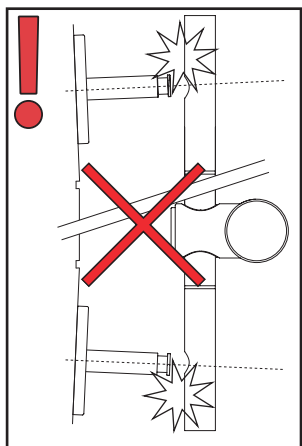
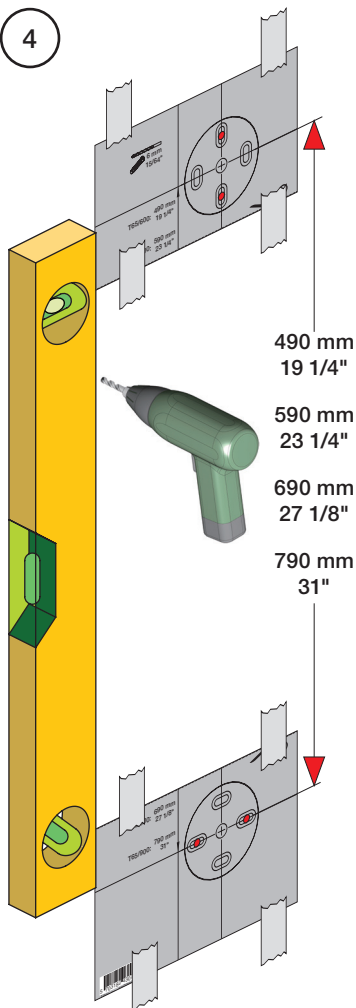
40 mm  
1 5/8"



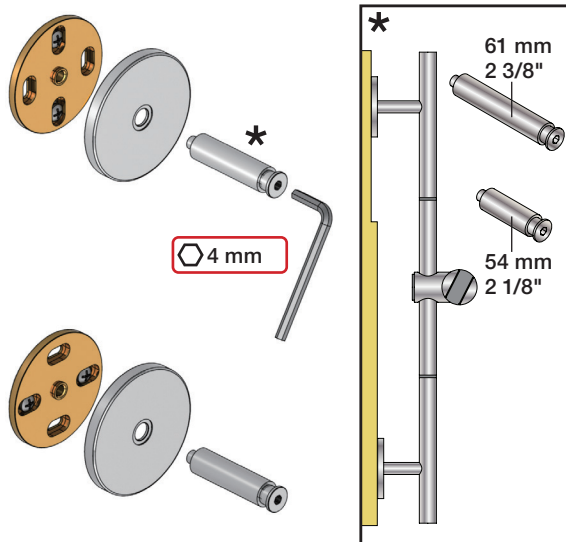
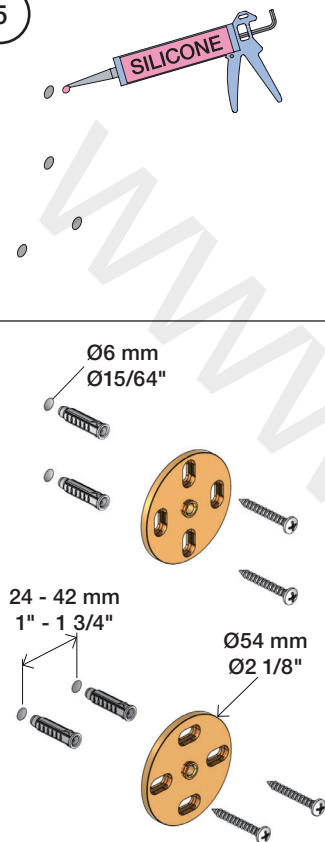
USA:  
Max. flow rate:  
1.6 Gal/min  
6.0 l/min.



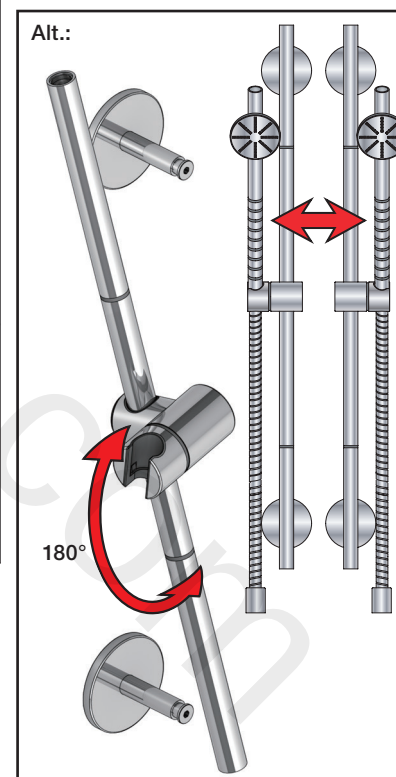
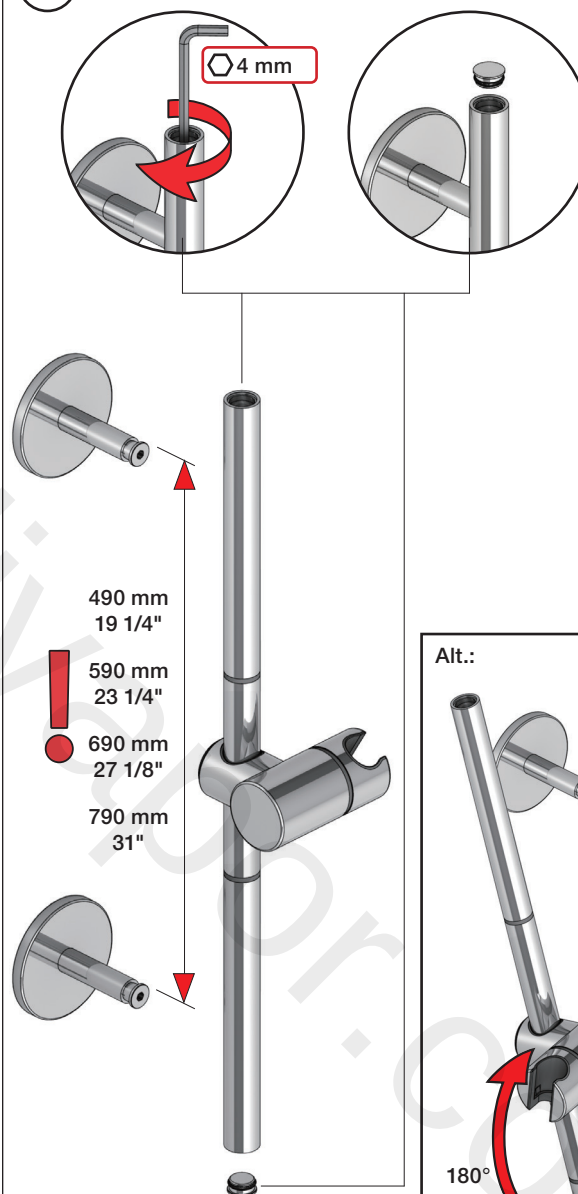
4



5



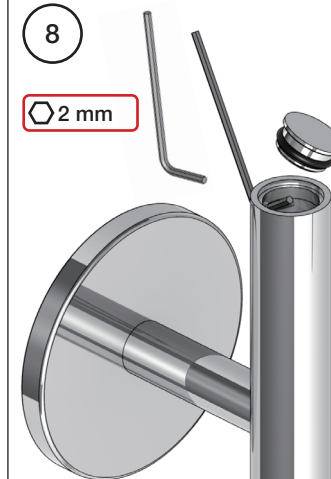
6



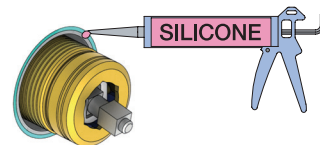
7



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



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

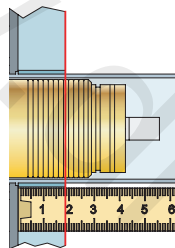
NR.21:

1

NR.28+19+24:

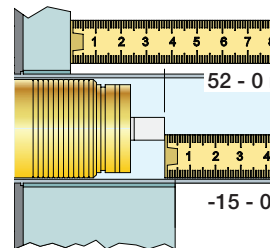
2

Förlängning  
 Verlängerung  
 Forlængelse  
 Anpassung  
 Modification



VR2260/VR1400/VR2019

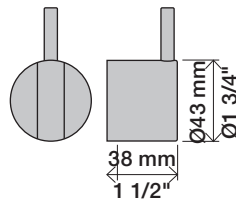
|           |            |      |
|-----------|------------|------|
|           | 3 - 15 mm  | Std. |
| Tiles:    | 15 - 25 mm | +10  |
| Fliesen:  | 25 - 35 mm | +20  |
| Fliser:   | 35 - 45 mm | +30  |
| Tegels:   | 45 - 55 mm | +40  |
| Carreaux: | 55 - 65 mm | +50  |



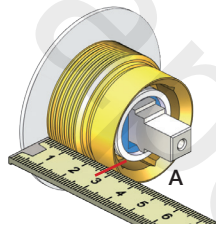
VR2260/VR1400/VR2019

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

NR 21



NR 21 - 1



VR2279

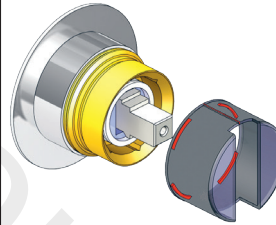
VR2279B

VR2279C

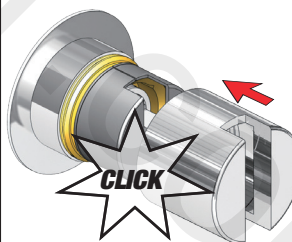


|         |       | A          |
|---------|-------|------------|
| VR2279  | 16 mm | 30 - 34 mm |
| VR2279B | 12 mm | 26 - 30 mm |
| VR2279C | 8 mm  | 22 - 26 mm |

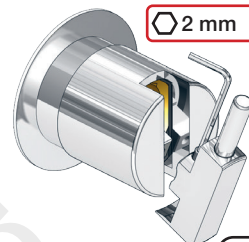
NR 21 - 2



NR 21 - 3

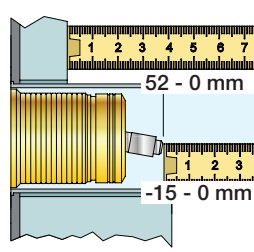


NR 21 - 4





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



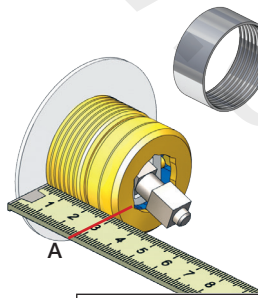
| VR1260/VR1400/VR2019                                                            |            |      |
|---------------------------------------------------------------------------------|------------|------|
|  | 40 - 52 mm | Std. |
|                                                                  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

Technical drawing of a square block with a cylindrical feature. The block is 38 mm wide and 1 1/2 inches high. The cylindrical feature has a diameter of 38 mm.

NR 19:  
Ø40 mm  
Ø1 5/8"

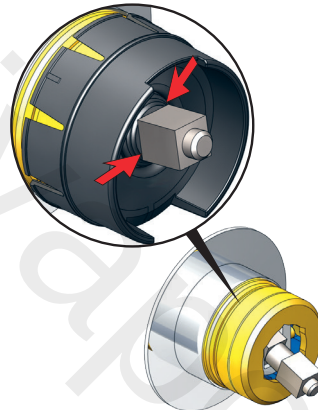
NR 24:  
Ø43 mm  
Ø1 3/4"

## VR3279



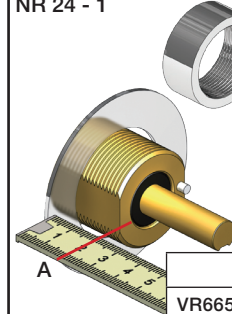
|         |       |            |
|---------|-------|------------|
|         |       | A          |
| VR3279  | 16 mm | 31 - 36 mm |
| VR3279B | 12 mm | 27 - 32 mm |
| VR3279C | 8 mm  | 23 - 28 mm |

## NR 28 - 2



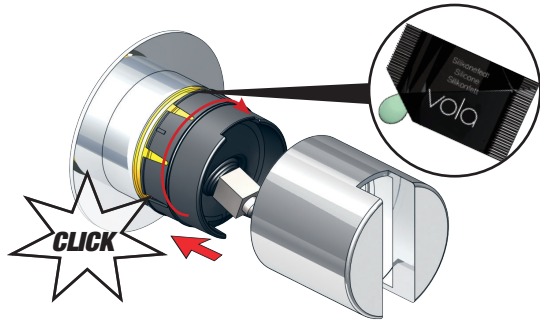
NR 19 - 1  
NR 24 - 1

## VR2204

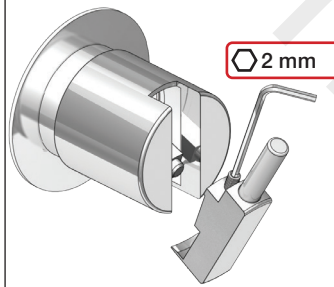


|         |       |            |
|---------|-------|------------|
|         |       | A          |
| VR665   | 16 mm | ALL        |
| VR2204  | 16 mm | 16 - 21 mm |
| VR2204B | 12 mm | 11 - 17 mm |
| VR2204C | 8 mm  | 7 - 13 mm  |

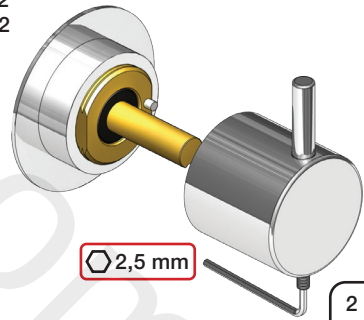
## NR 28 - 3

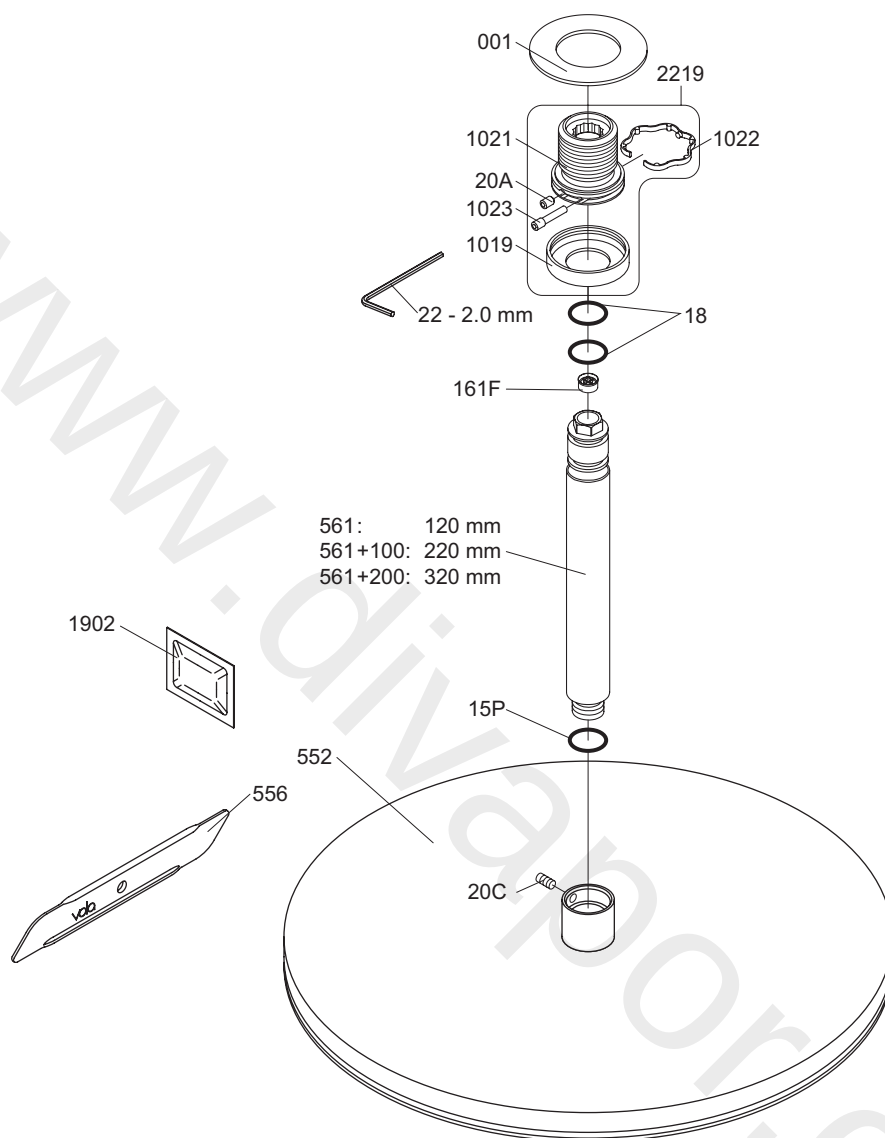


## NR 28 - 4



|           |
|-----------|
| NR 19 - 2 |
| NR 24 - 2 |





VR1021K: VR20A, VR22, VR1021, VR1022  
 VR2219: VR20A, VR22, VR1019, VR1021, VR1022, VR1023



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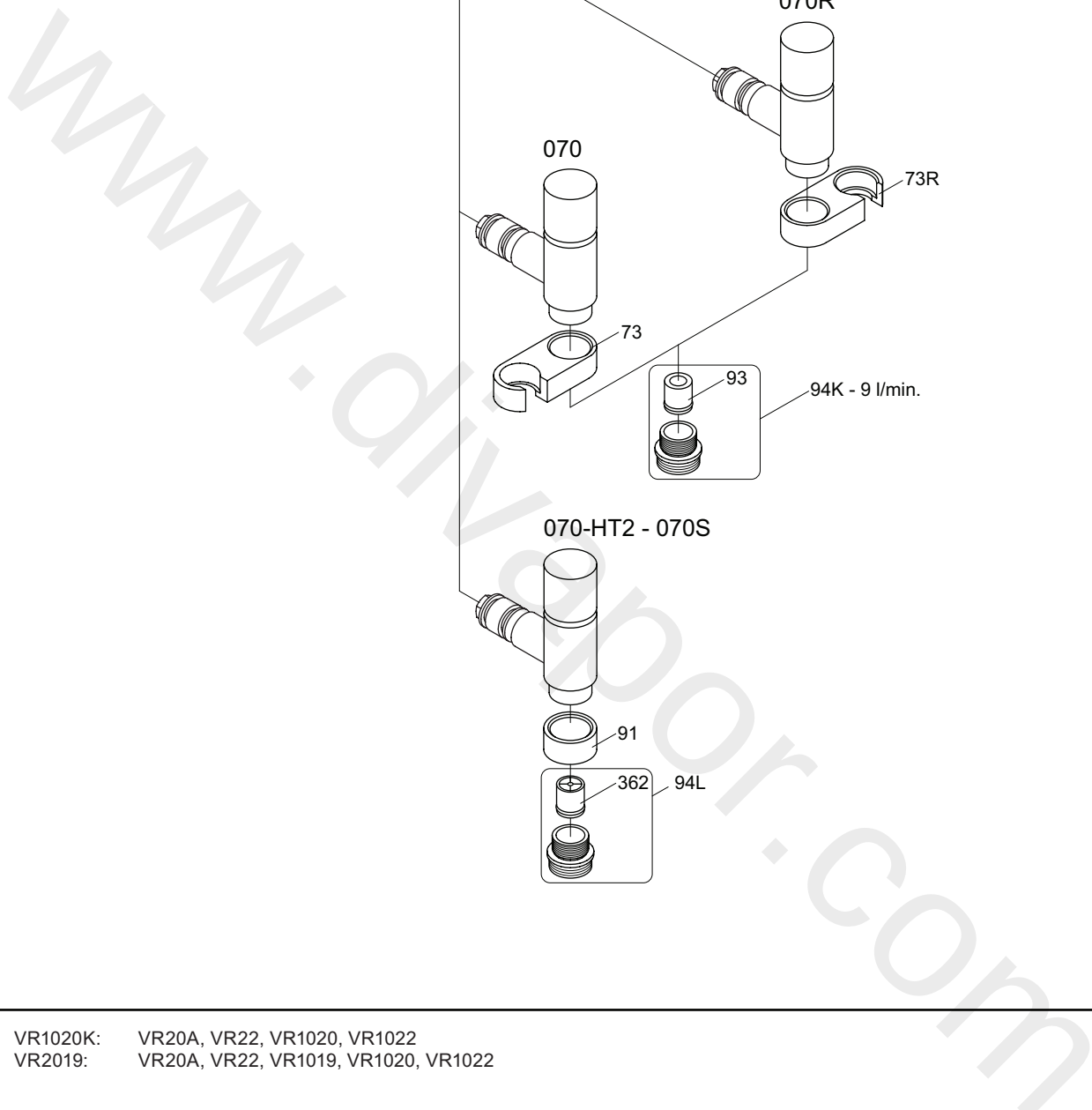
**VOLA 060A**

Date  
 Apr. 21

Rev.  
 2

Sheet  
 SB 15.2





|          |                                     |
|----------|-------------------------------------|
| VR1020K: | VR20A, VR22, VR1020, VR1022         |
| VR2019:  | VR20A, VR22, VR1019, VR1020, VR1022 |



**VOLA 070, 070R  
070-HT2**

Rev. 5

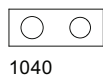
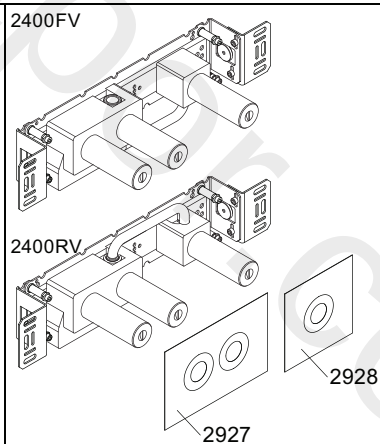
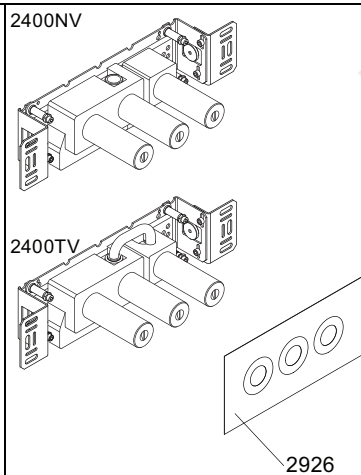
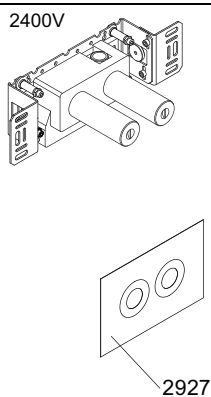
Sheet  
**SB 16**

2400V

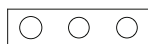
Diagram illustrating the exploded view of a 2400V electrical component assembly, showing various parts and their assembly sequence:

- 1400V
- 406
- 2213+
- 1400+
- 403
- 21
- 2205+
- 2204C
- 2204B
- 2204
- 2424
- NR24\*
- NR24\*\*
- 2A
- 23
- 968
- 969
- 2269
- 2260
- 2279
- 1275
- 22
- 20D
- 2273
- NR21L: 2273L
- NR21M: 2273M
- 1410
- 1411
- 1902
- 972
- x8
- D: 1249K
- 1249
- 2251
- 1277
- 2260+
- 2279B
- 2279C
- 2278
- 2279
- 2273
- 2205
- 403
- 21
- 2213
- 406
- 1400

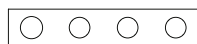
|          |                                                                                            |
|----------|--------------------------------------------------------------------------------------------|
| NR21:    | VR20D, VR22, VR1275, VR2269, VR2273, VR2278, VR2279, VR2279B, VR2279C                      |
| 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                                                          |



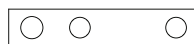
1040



2003K



2004



2003



2001, 001G



2001, 001G, 001



2001, 001G, 001



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# VOLA 2400

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

Date  
May. 22

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Sheet  
**SB 10.10**