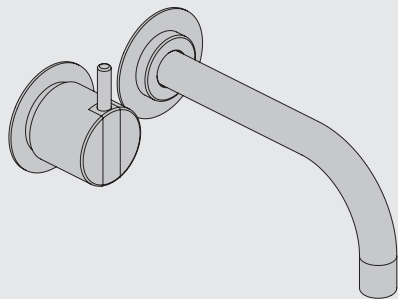


VOLA 100, 100X, 200, 200V, 300  
VOLA 400DV, 400, 400V, 400N, 400NV, 400T  
VOLA 400TV, 400F, 400FV, 400R, 400RV  
VOLA 2100, 2100X, 2200, 2200V, 2300, 2400  
VOLA 2400V, 2400N, 2400NV, 2400T, 2400TV  
VOLA 2400F, 2400FV, 2400R, 2400RV

Fitting instruction Monteringsvægledning  
Montageanleitung Montage hanleiding  
Monteringsvejledning Manuel de montage

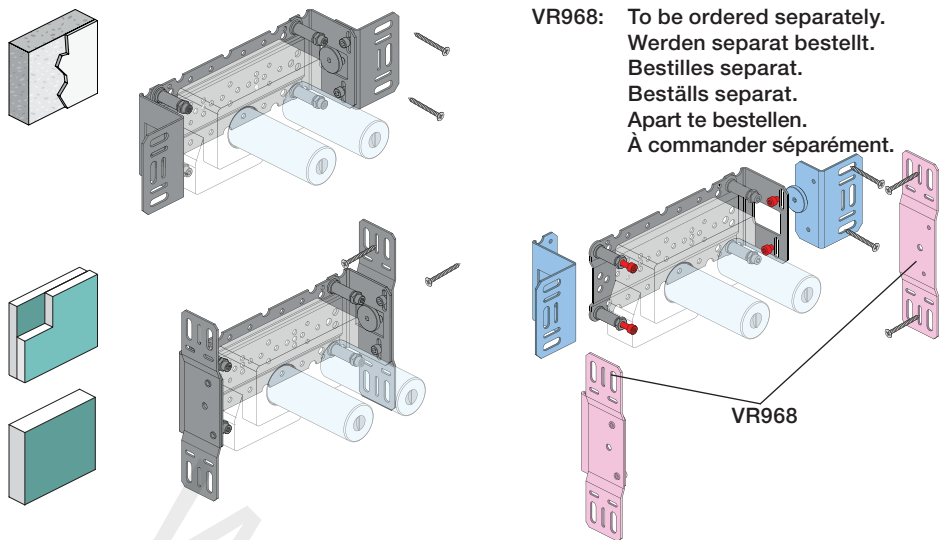
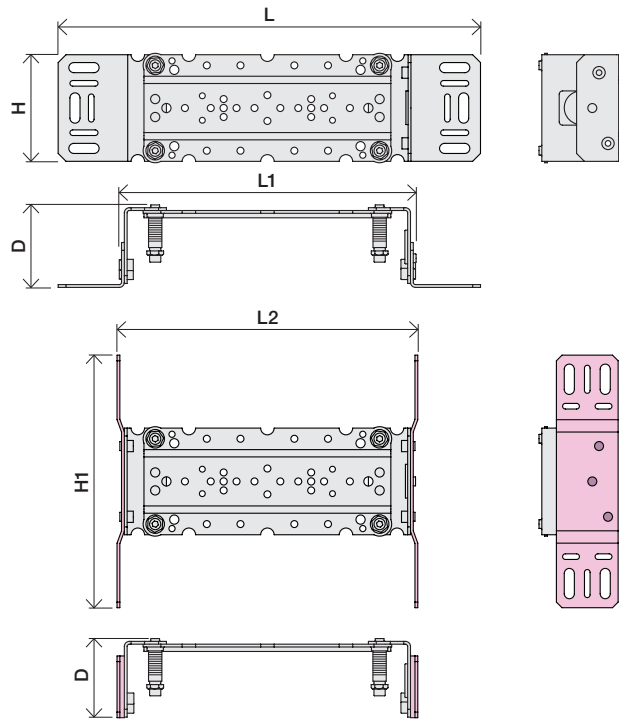


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100-2100\_V3\_40998502  
17-08-2022



|                                                                            | L                 | L1            | L2                | H               | H1               | D               |
|----------------------------------------------------------------------------|-------------------|---------------|-------------------|-----------------|------------------|-----------------|
| 100, 100X, 200V, 300,<br>400V, 400DV<br>2100, 2100X, 2200V,<br>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.  
Beställs separat.  
Apart te bestellen.  
À commander séparément.

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

**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!**

**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.

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                   |

Fitting of extension  
Montage von verlängerung  
Montering af forlængerdele

Montering av förlängning  
Montage van de verlengstukken  
Montage des rallonges

VR1260+ VR2260+

VR1400+

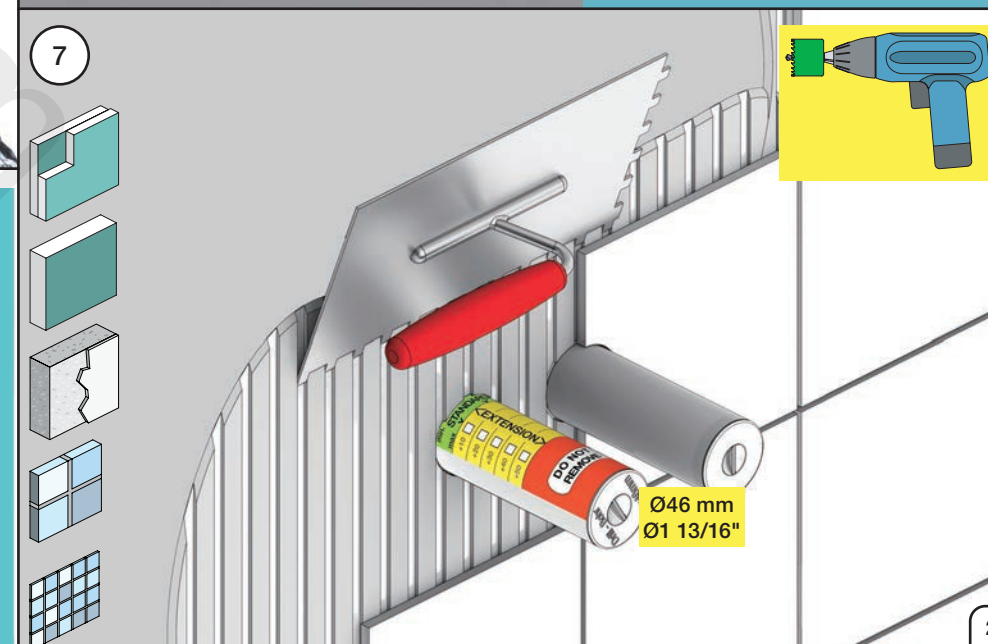
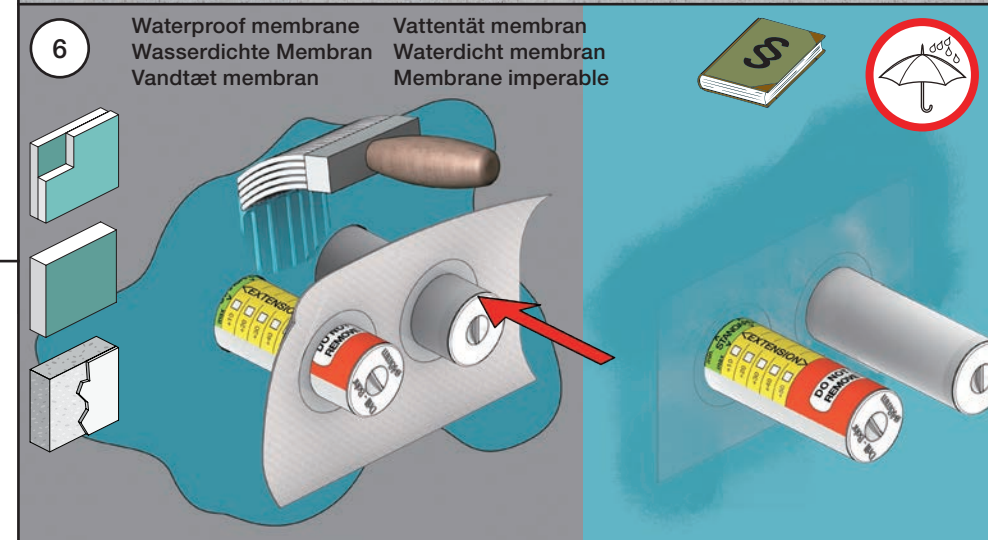
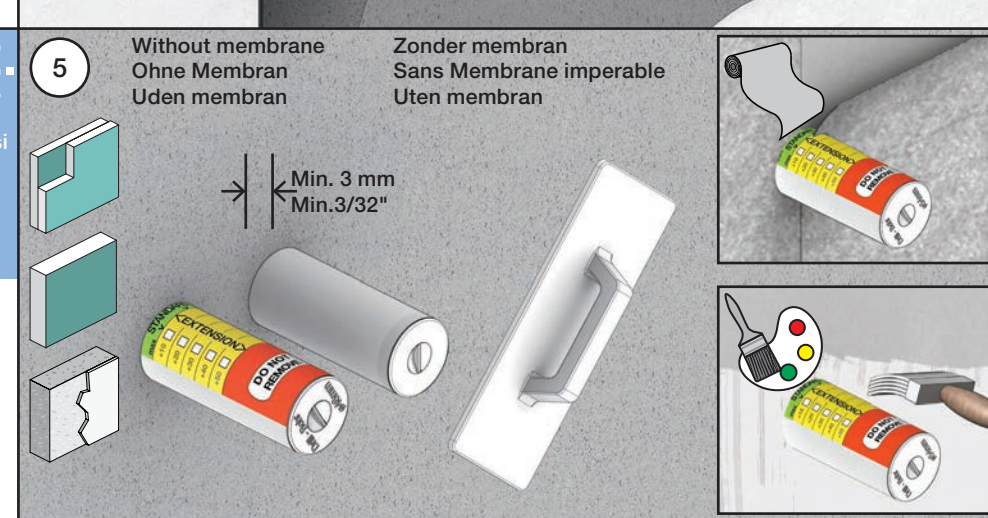
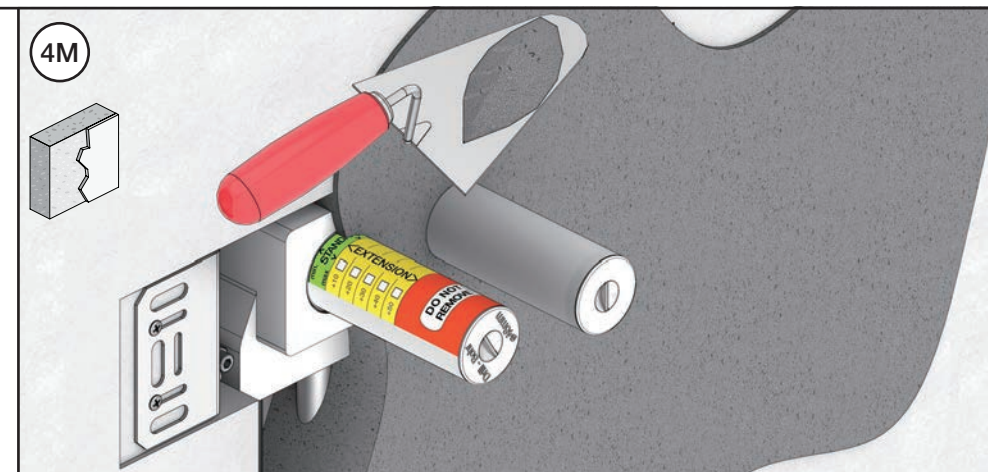
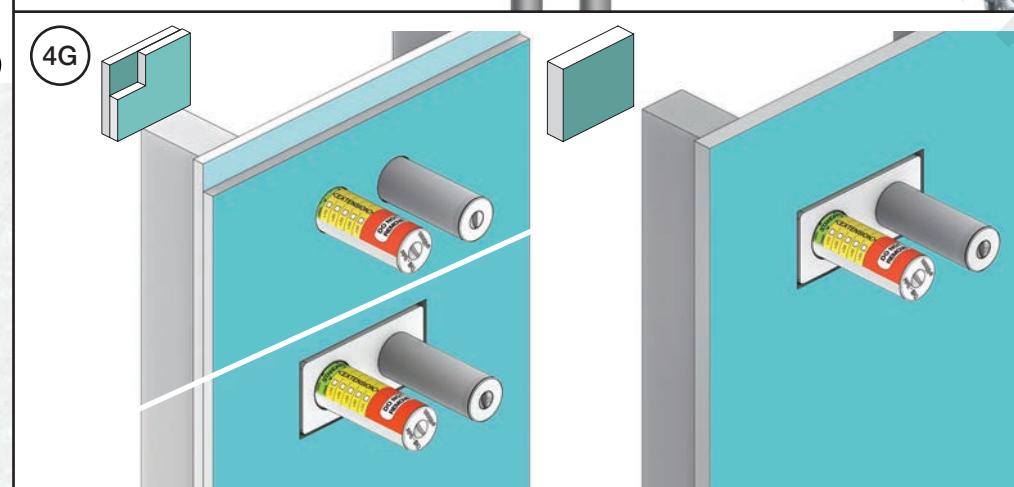
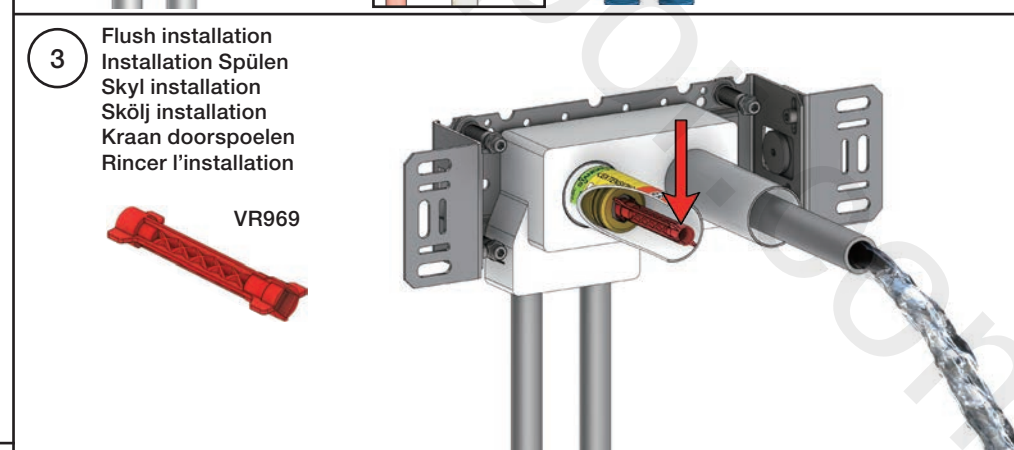
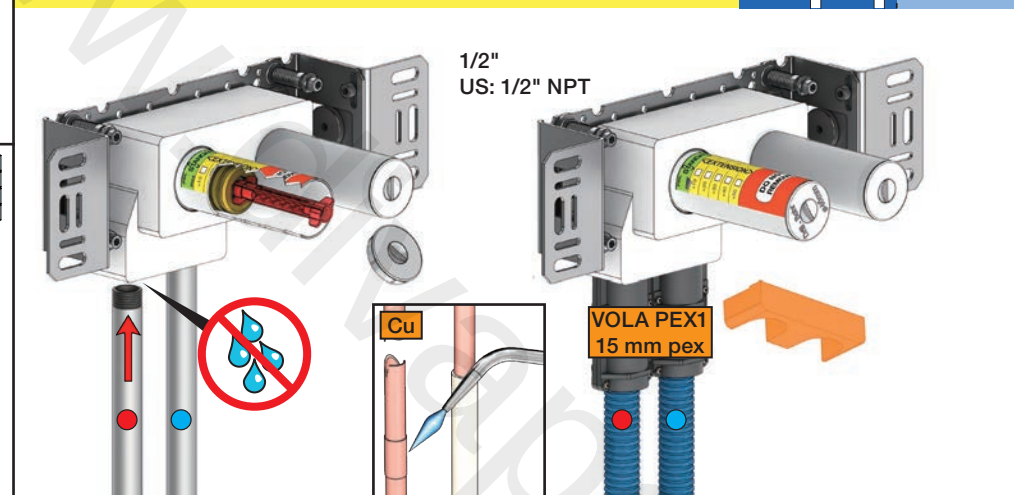
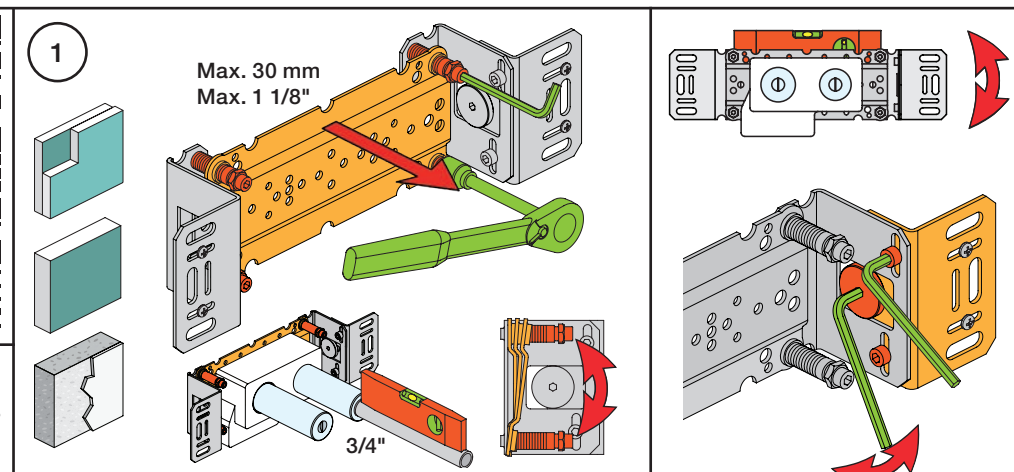
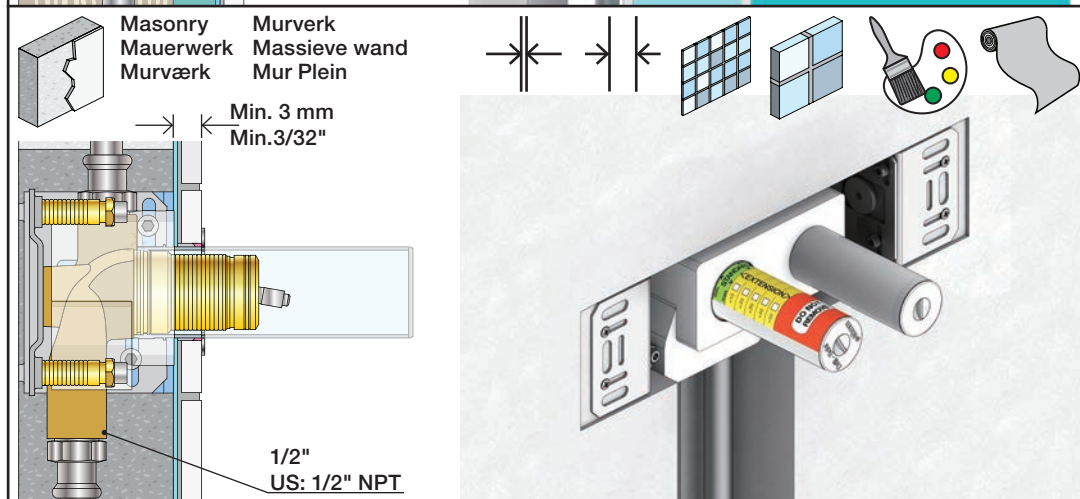
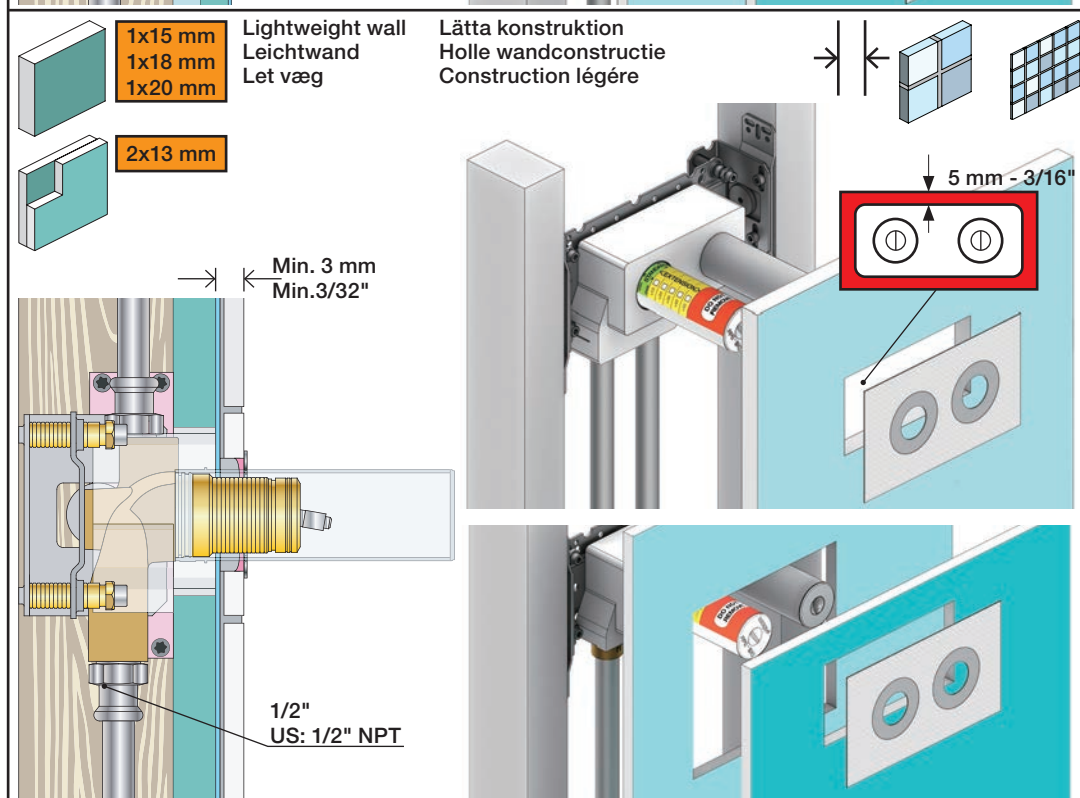
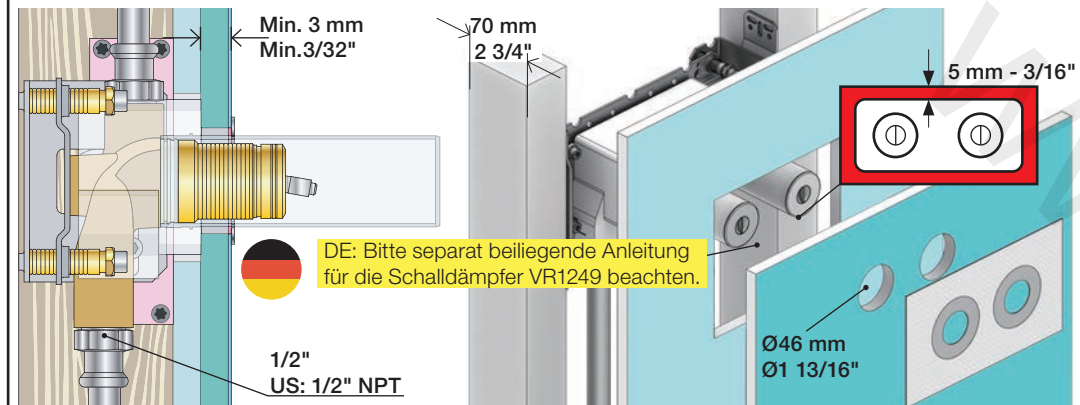
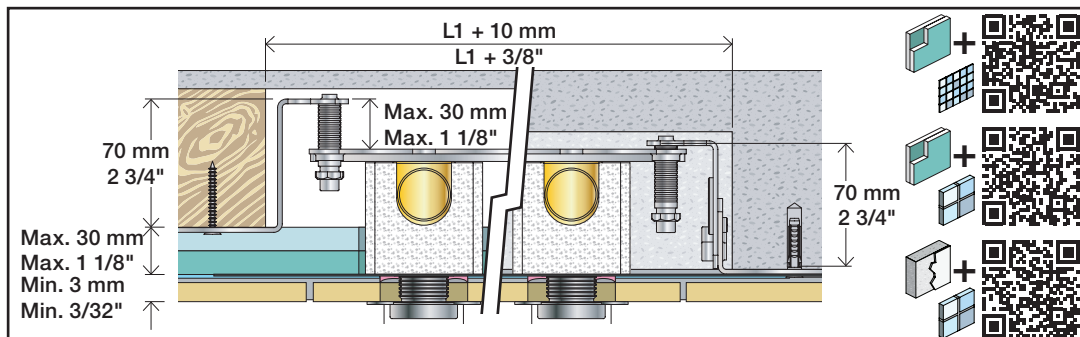
Extension, retrofit  
Verlängerung, nachträglicher Einbau  
Forlængerdele, eftermontering  
Förlängning, eftermontering  
Aanpassing na montage  
Modification après installation

X 52 - 0 mm X -15 - 0 mm

VR2019+, VR2119+

400-2400







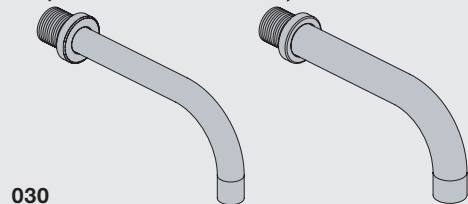
**VOLA 010, 020, 030, 040**  
**VOLA 010C, 020C, 040D**

Fitting instruction  
 Montageanleitung  
 Monteringsvejledning  
 Monteringsvægledning  
 Montage hanleiding  
 Manuel de montage

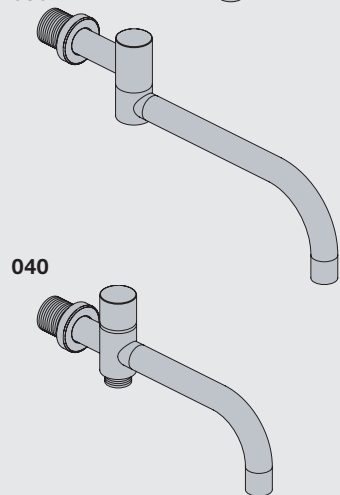


**010, 020**

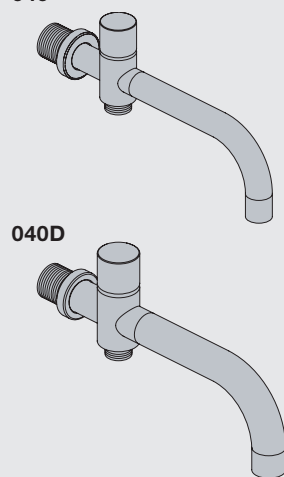
**010C, 020C**



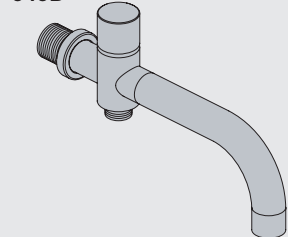
**030**



**040**



**040D**



www.vola.com

mnt\_010\_V1\_40998360  
 08-08-2022



5 705230 341750

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

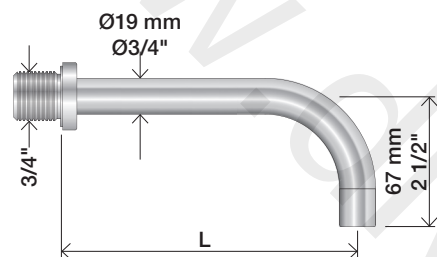


For more water saving possibilities please see:  
 Weitere Wassersparmöglichkeiten finden Sie auf:  
 For flere vandbesparende muligheder se venligst:  
 För mer vattenbesparande möjligheter hänvisas till:  
 Voor meer waterbesparende mogelijkheden zie:  
 Pour plus d'informations sur les options : économie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

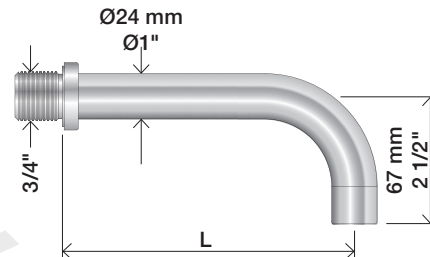
[www.vola.com](http://www.vola.com)



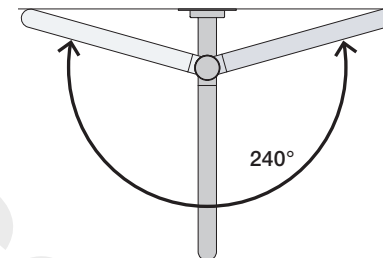
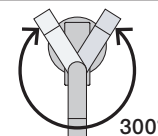
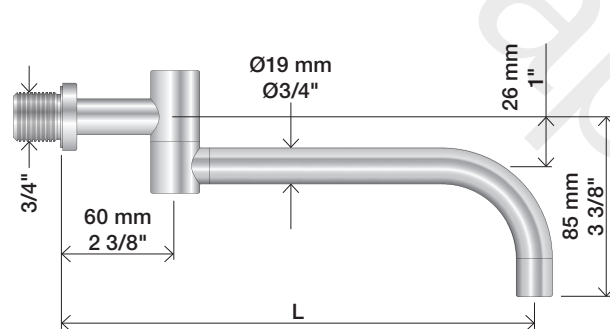
**010, 020**



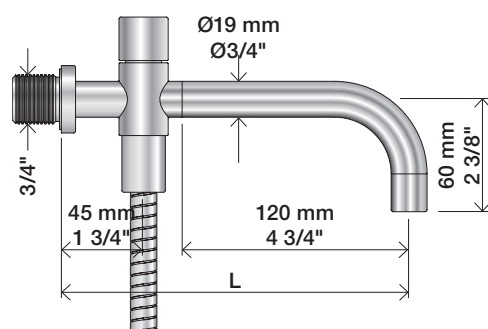
**010C, 020C**



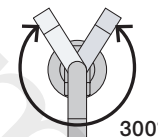
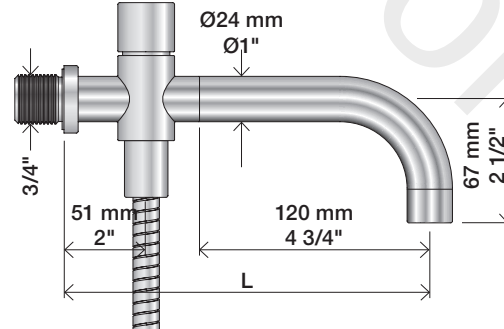
**030**



**040**



**040D**



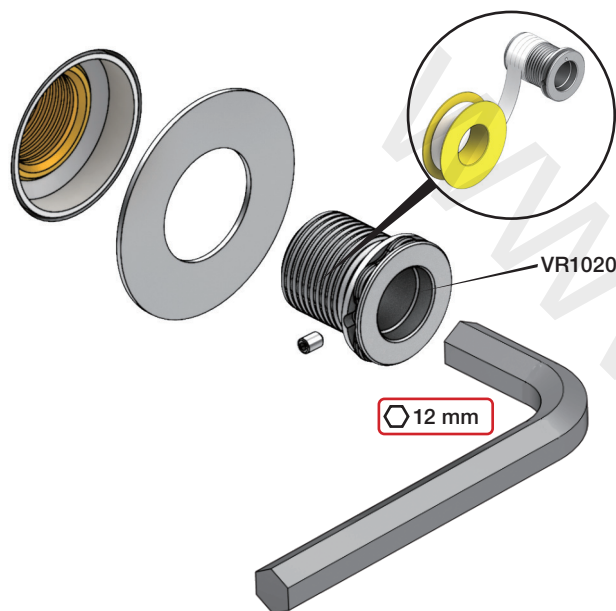
|            | L (mm) | L (Inch) |
|------------|--------|----------|
| 010(C)/100 | 100    | 4"       |
| 010(C)/130 | 130    | 5"       |
| 010(C)/160 | 160    | 6"       |
| 020(C)/200 | 200    | 7 3/4"   |
| 020(C)/225 | 225    | 8 3/4"   |
| 020(C)/260 | 260    | 10 1/4"  |
| 020(C)/300 | 300  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

|         | 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"  |

|          | 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

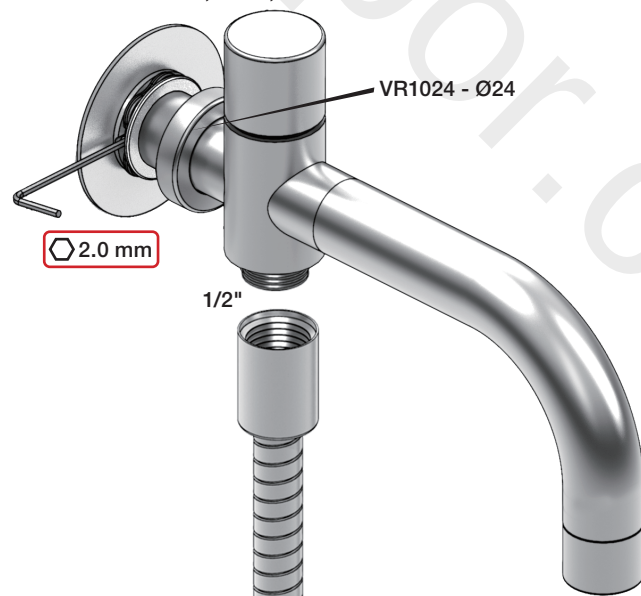
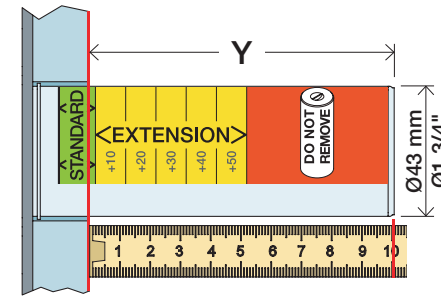
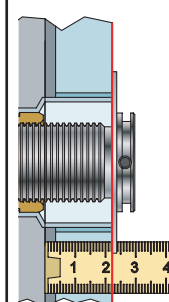


3

Ø19: 010, 020, 030, 040

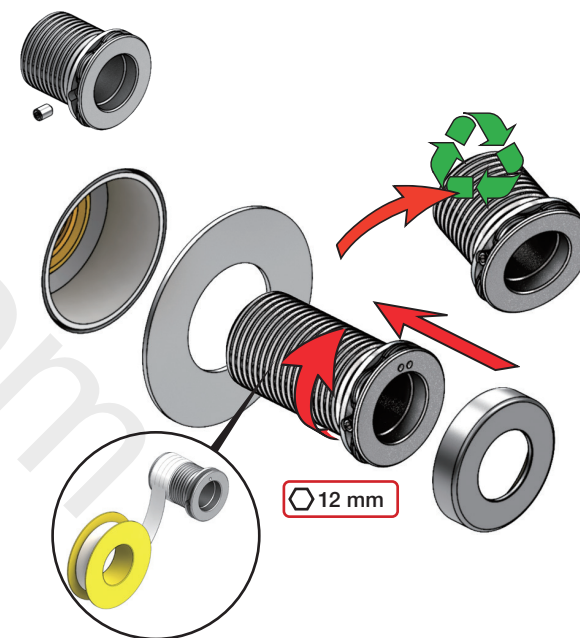


Ø24: 010C, 020C, 040D

Extension  
VerlängerungForlængerdele  
FörlängningVerlengstukken  
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                          |

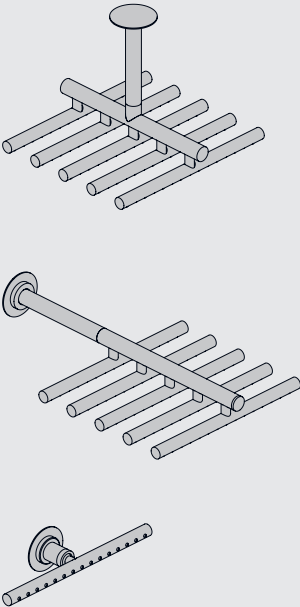
VR2019+/VR2219+





VOLA 050, 050A, 050K

Fitting instruction  
Montageanleitung  
Monteringsvejledning  
Monteringsvægledning  
Montage hanleiding  
Manuel de montage



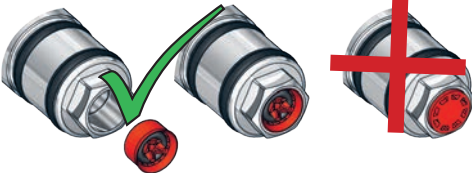
| Data             | Bar:      | 1   | 2   | 3   | 4   | 5   |
|------------------|-----------|-----|-----|-----|-----|-----|
| 051              | (l/min)   | 13  | 19  | 23  | 26  | 30  |
| 051A             | (Gal/min) | 3.5 | 5.0 | 6.1 | 7.0 | 7.8 |
| 051K             | (l/min)   | 5   | 5   | 5  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



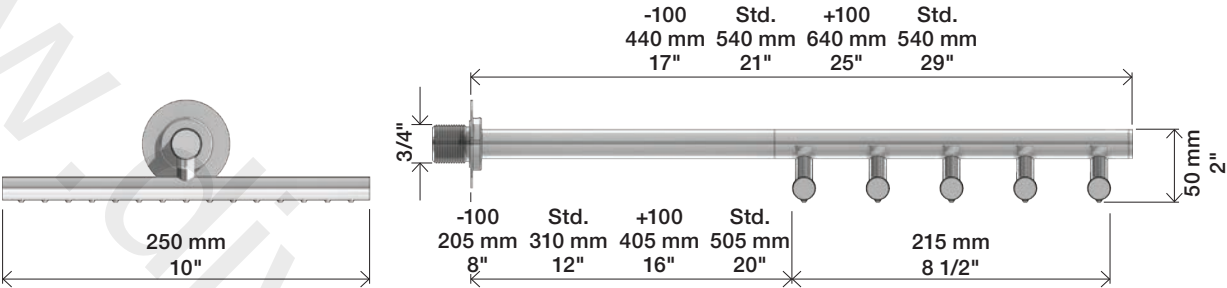
VR161 - 050, 050A:  
VR161B: 6 l/min - 1.6 Gal/min  
VR161K: 7 l/min - 1.8 Gal/min  
VR161D: 9 l/min - 2.5 Gal/min  
VR161F: 14 l/min - 3.7 Gal/min



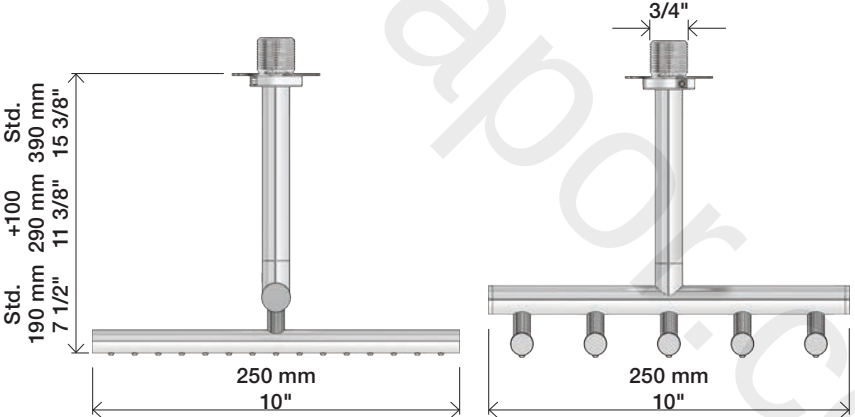
USA:  
Max. flow rate:  
1.6 Gal/min.  
6.0 l/min.



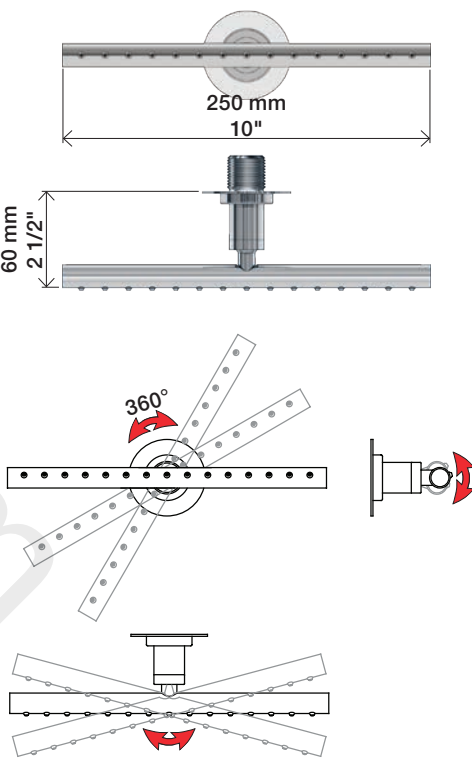
050



050A



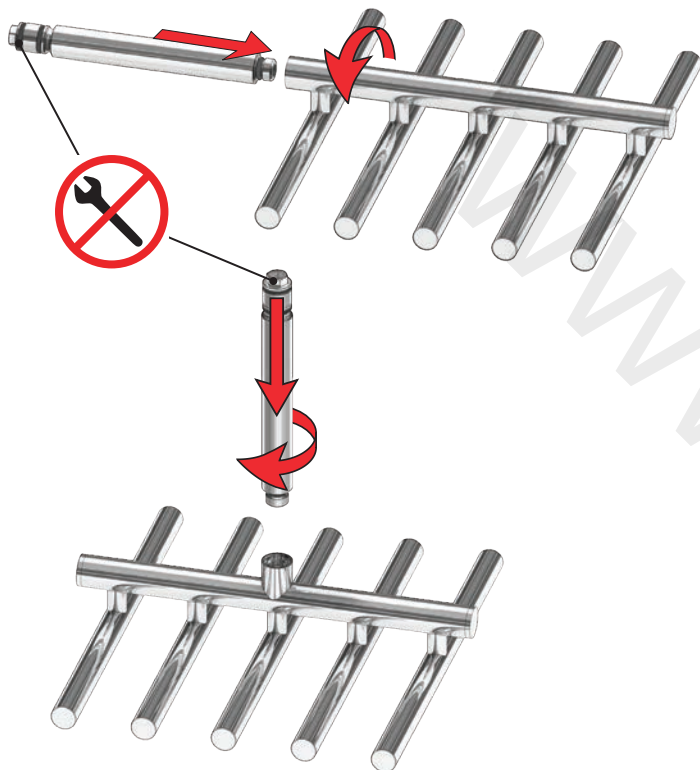
050K



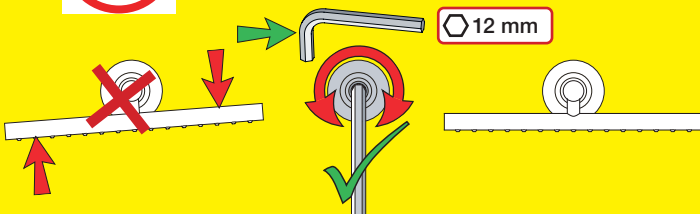
Service - VR556



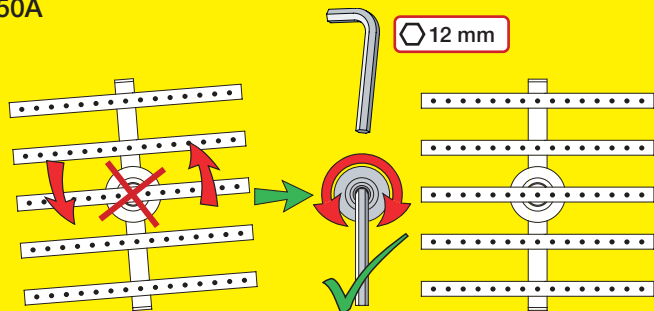
050 + 050A



050



050A



050 & 050A

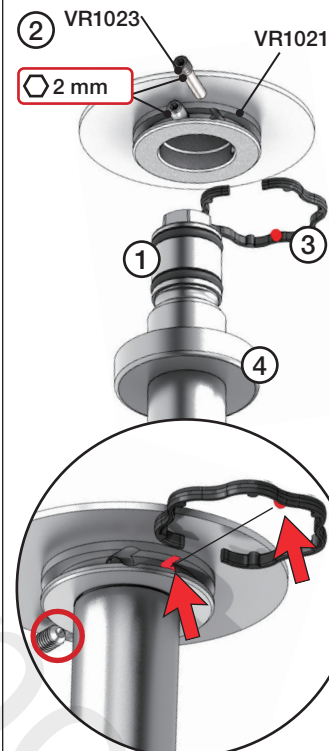


050K



050A

Locking screw  
Sicherungsschraube  
Sikringsskrue  
Fästskruv  
Borgschroef  
Vis de verrouillage



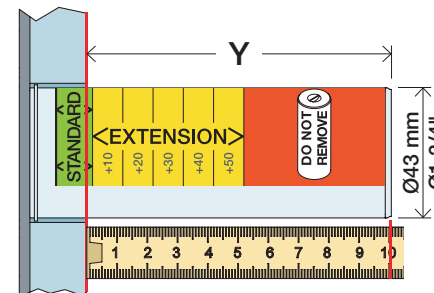
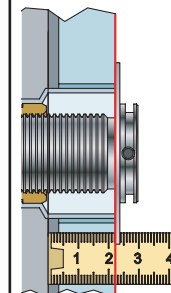
Extension  
Verlängerung

Forlængerdele  
Förlängning

Verlengstukken  
Modification

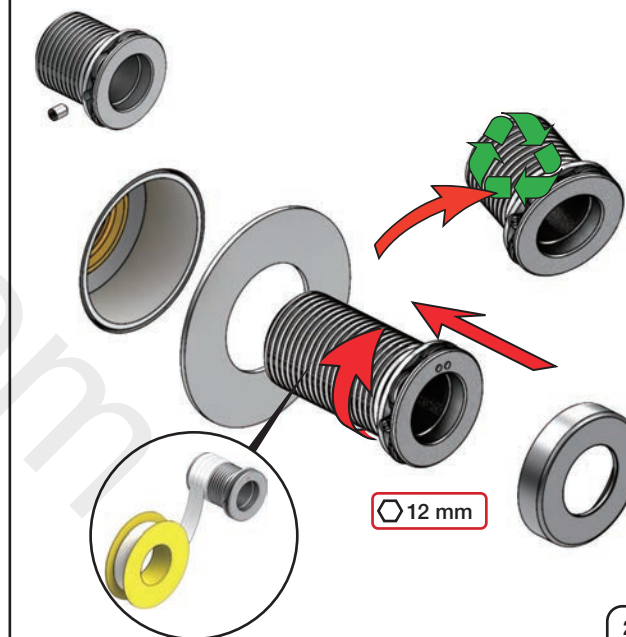
T Min. 3 mm  
Max. 65 mm

Y Min. 48 mm  
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                                                                    |

VR2019+/VR2219+





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

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

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

Installation example  
Installationsbeispiel  
Installatie voorbeeld  
l'installation des exemple

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:

| 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+

VOLA A/S • Lunavej 2 • DK-8700 Horsens • Tel. +45 7023 5500 • Fax +45 7023 5511 • sales@vola.dk • www.vola.com

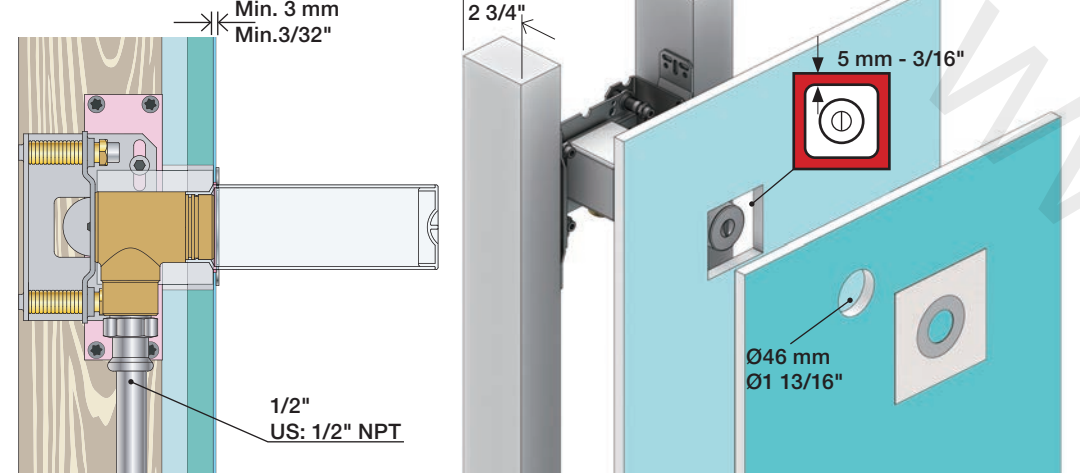
1





**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



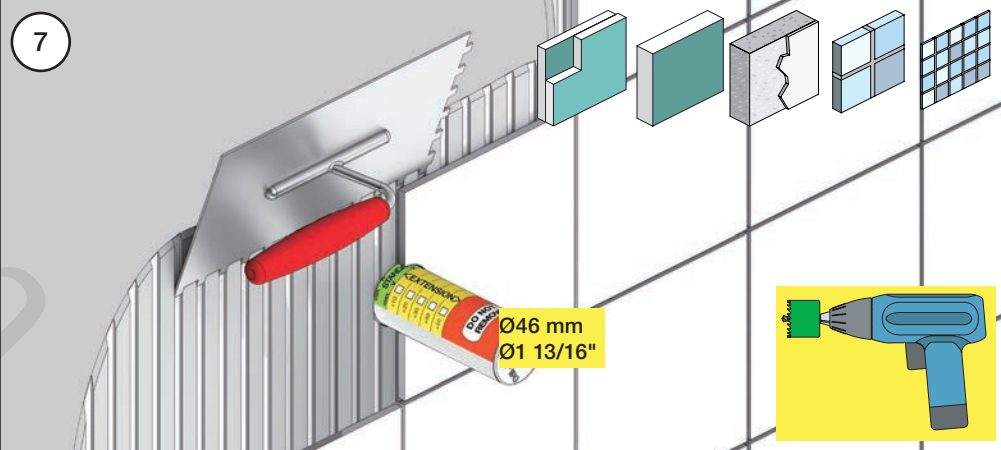
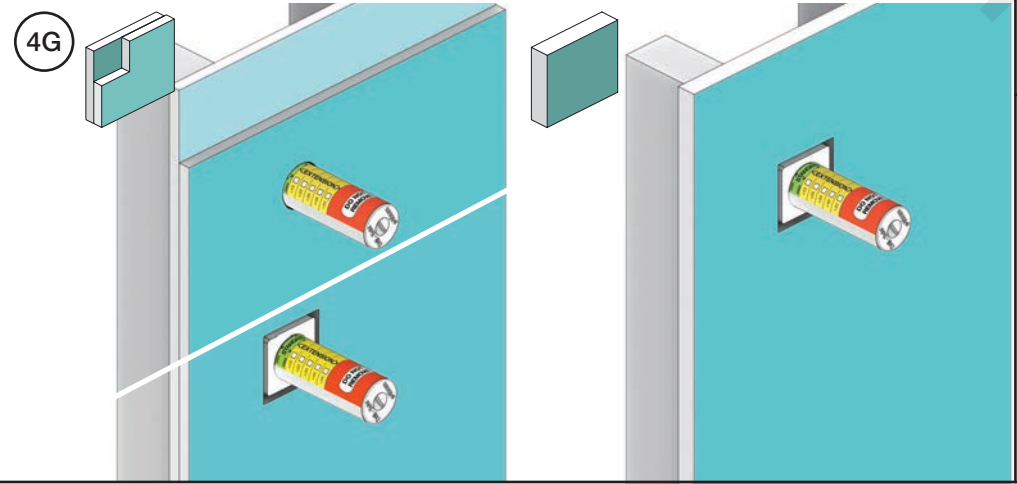
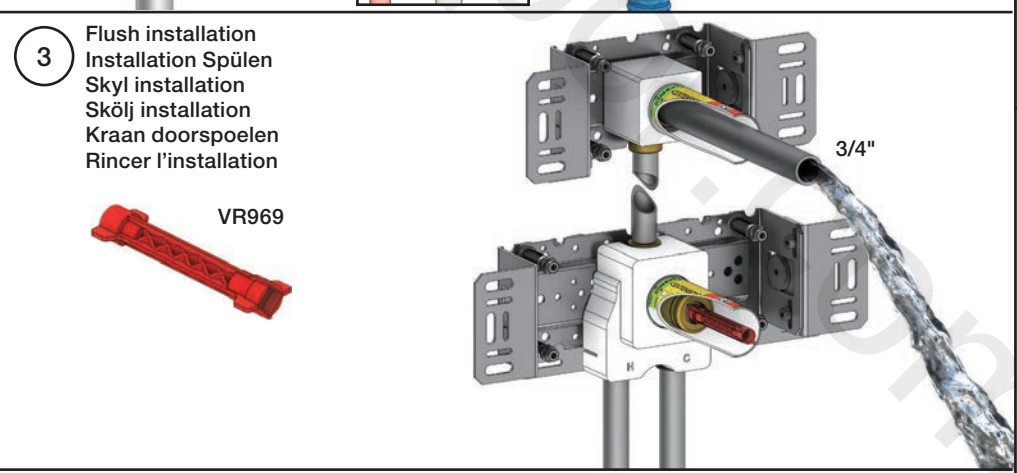
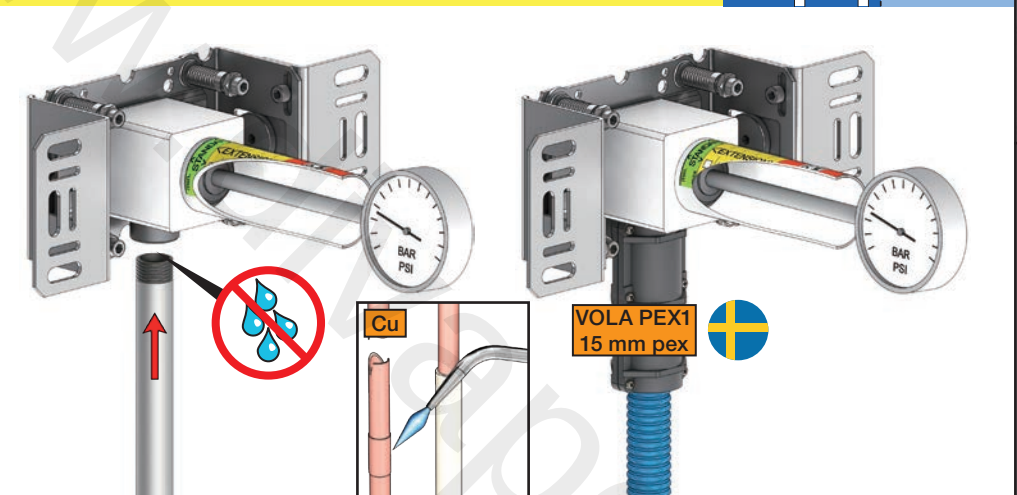
**2**

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

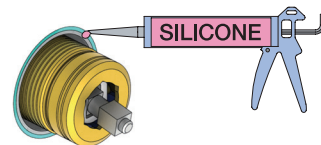


**8**

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



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 inbyggnadsboxen.

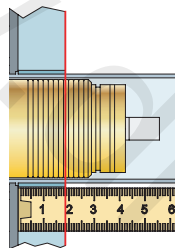
NR.21:

1

NR.28+19+24:

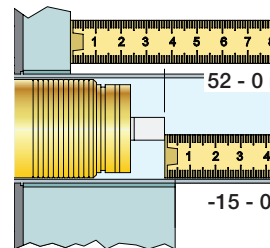
2

Förlängning  
 Verlängerung  
 Forlængelse  
 Anpassung  
 Modification



VR2260/VR1400/VR2019

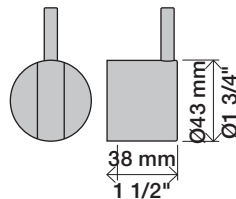
|           |            |      |
|-----------|------------|------|
|           | 3 - 15 mm  | Std. |
| Tiles:    | 15 - 25 mm | +10  |
| Fliesen:  | 25 - 35 mm | +20  |
| Fliser:   | 35 - 45 mm | +30  |
| Tegels:   | 45 - 55 mm | +40  |
| Carreaux: | 55 - 65 mm | +50  |



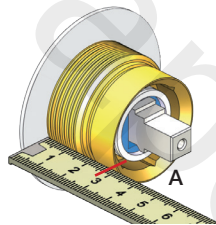
VR2260/VR1400/VR2019

|  |             |      |
|--|-------------|------|
|  | 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

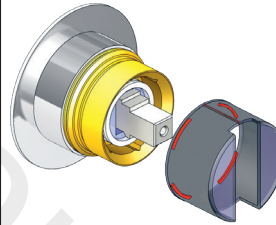
VR2279B

VR2279C

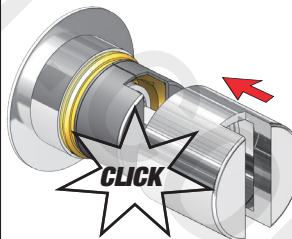


|         |       | A          |
|---------|-------|------------|
| VR2279  | 16 mm | 30 - 34 mm |
| VR2279B | 12 mm | 26 - 30 mm |
| VR2279C | 8 mm  | 22 - 26 mm |

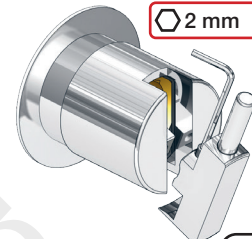
NR 21 - 2

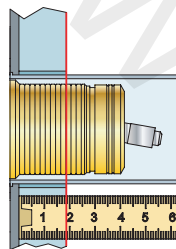


NR 21 - 3

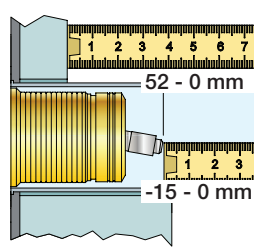


NR 21 - 4



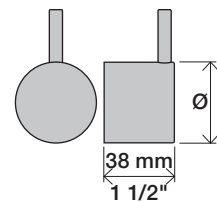


| VR1260/VR1400/VR2019          |                      |                |
|-------------------------------|----------------------|----------------|
| Tiles:<br>Fliesen:<br>Fliser: | Tegels:<br>Carreaux: | 3 - 15 mm Std. |
|                               |                      | 15 - 25 mm +10 |
|                               |                      | 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  |

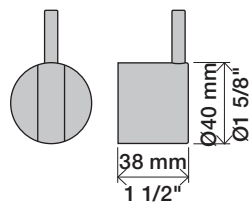
## NR 19/NR24



NR 19:  
Ø40 mm  
Ø1 5/8"

NR 24:  
Ø43 mm  
Ø1 3/4"

## NR 28

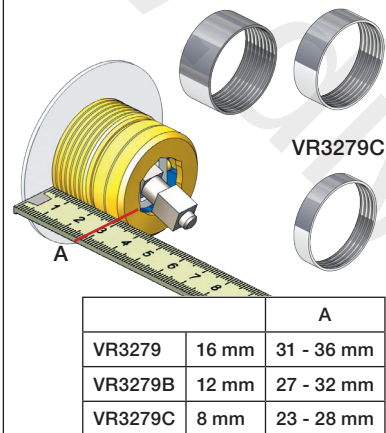


## NR 28 - 1

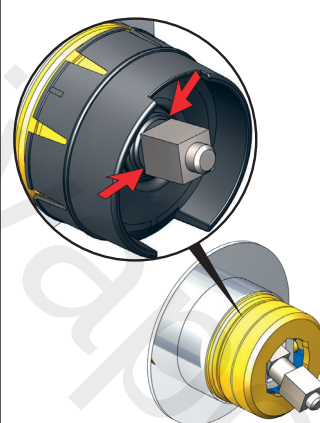
## VR3279

## VR3279B

## NR 28 - 2



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

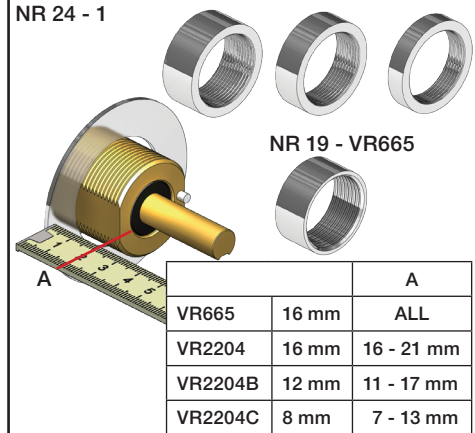


## NR 19 - 1 NR 24 - 1

## VR2204

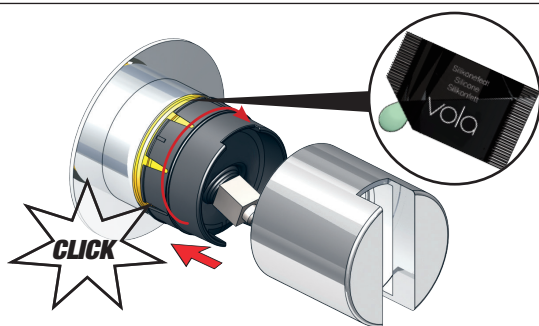
## VR2204B

## VR2204C

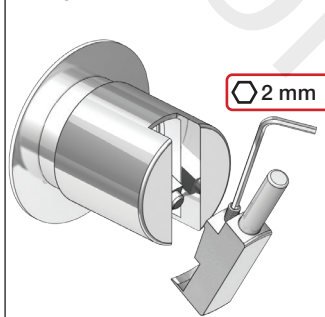


|         | A     |            |
|---------|-------|------------|
| VR665   | 16 mm | ALL        |
| VR2204  | 16 mm | 16 - 21 mm |
| VR2204B | 12 mm | 11 - 17 mm |
| VR2204C | 8 mm  | 7 - 13 mm  |

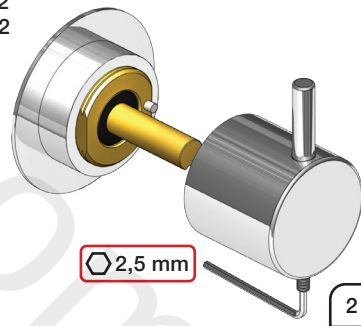
## NR 28 - 3



## NR 28 - 4



## NR 19 - 2 NR 24 - 2

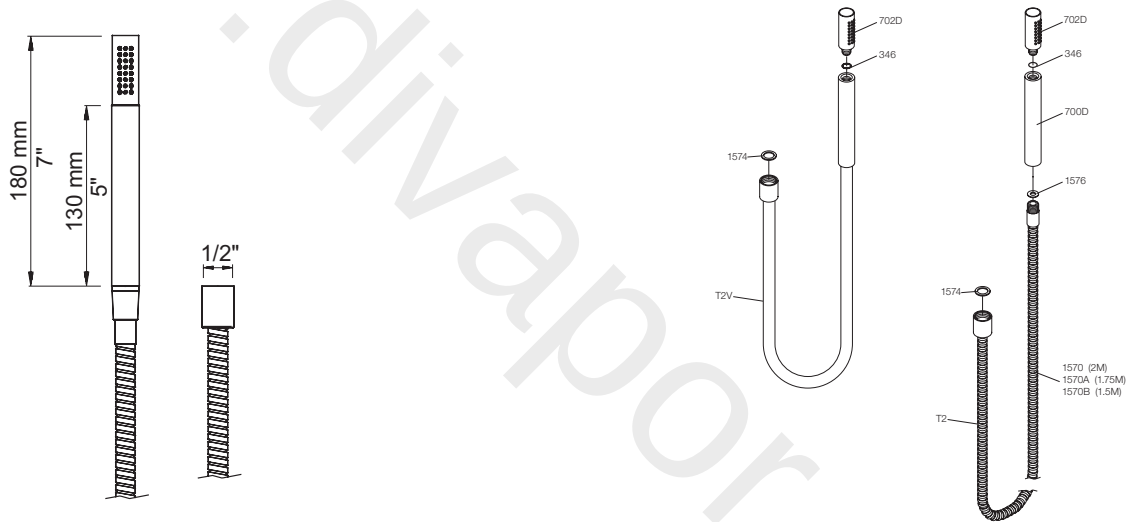




## VOLA T2

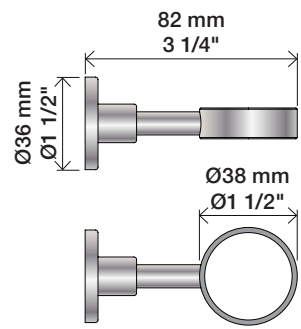


VOLA T2

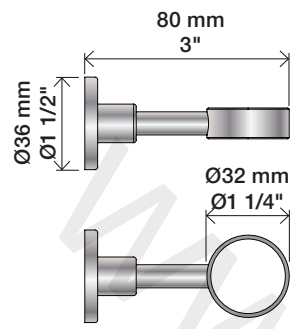




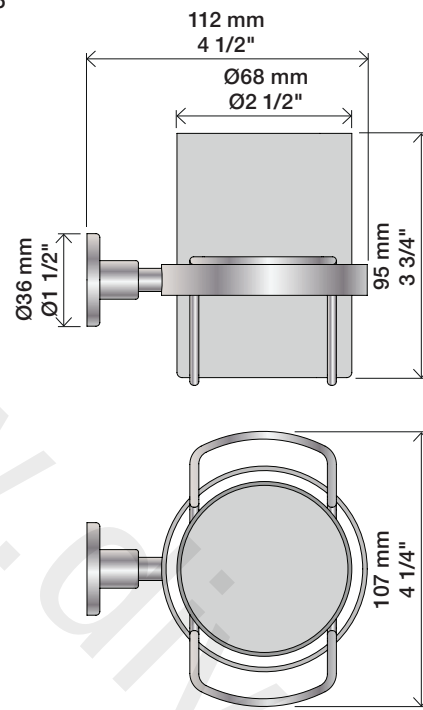
T4



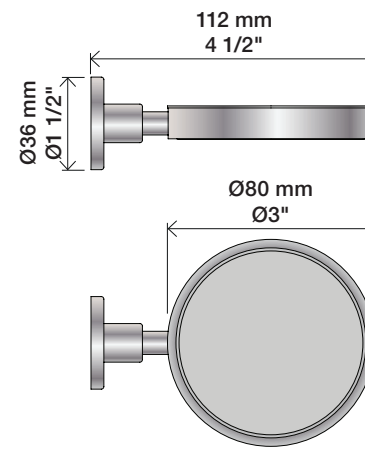
T5



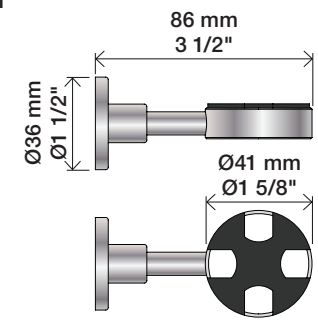
T6



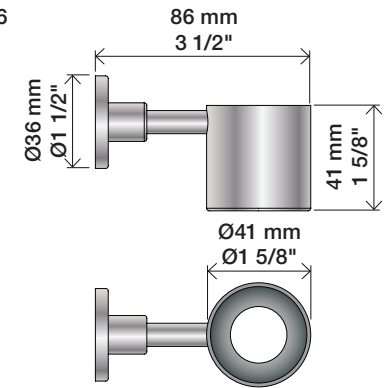
T7



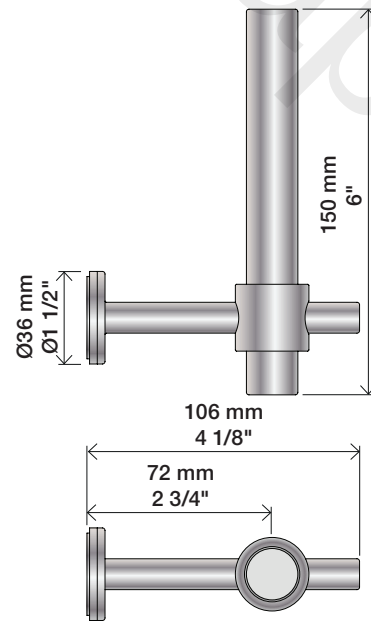
T11



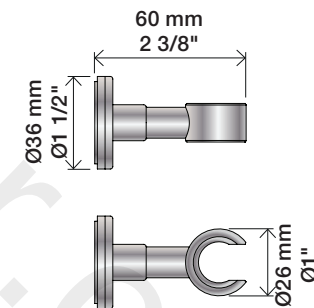
T16



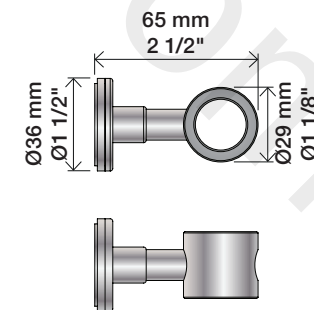
T14



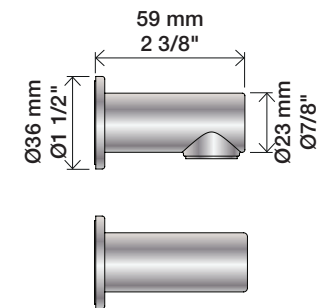
T8



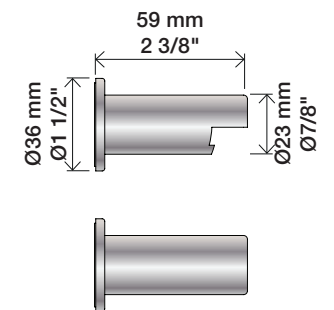
T9



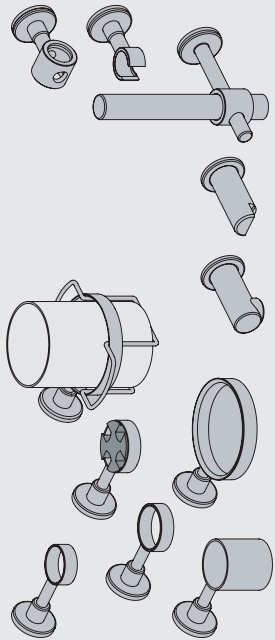
T3



T27



VOLA T3, T4, T5, T6, T7, T8, T9, T11, T14, T16, T27

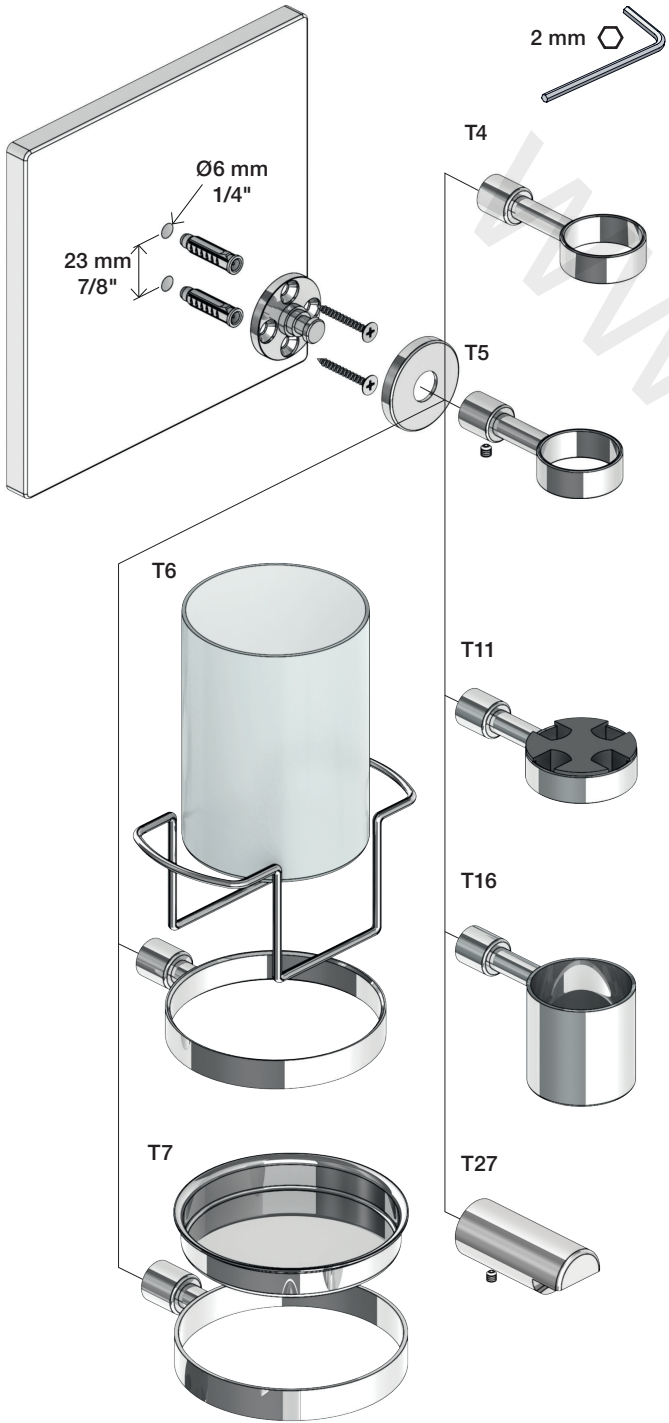


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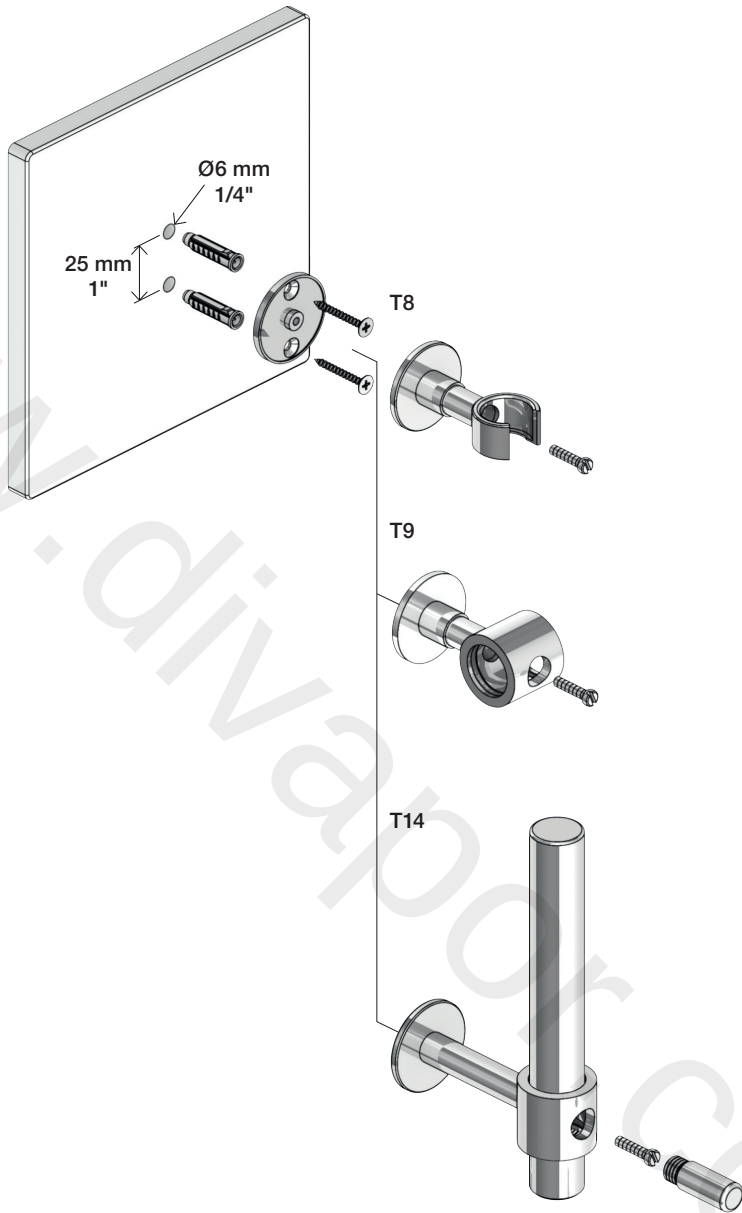
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mnt\_T3-T27\_V3\_40999247  
01-04-2022

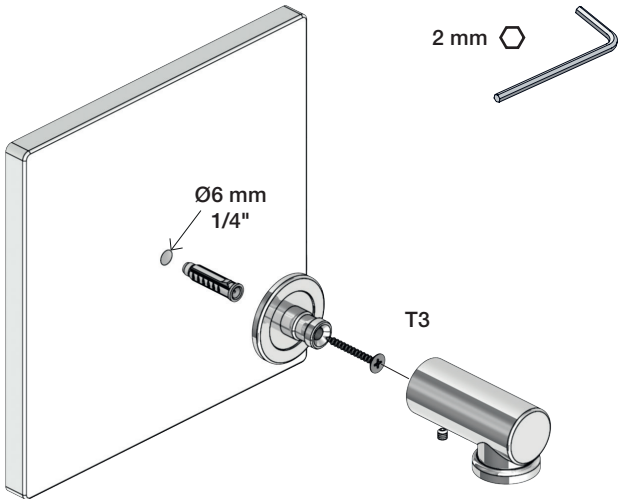
T4, T5, T6, T7, T11, T16, T27



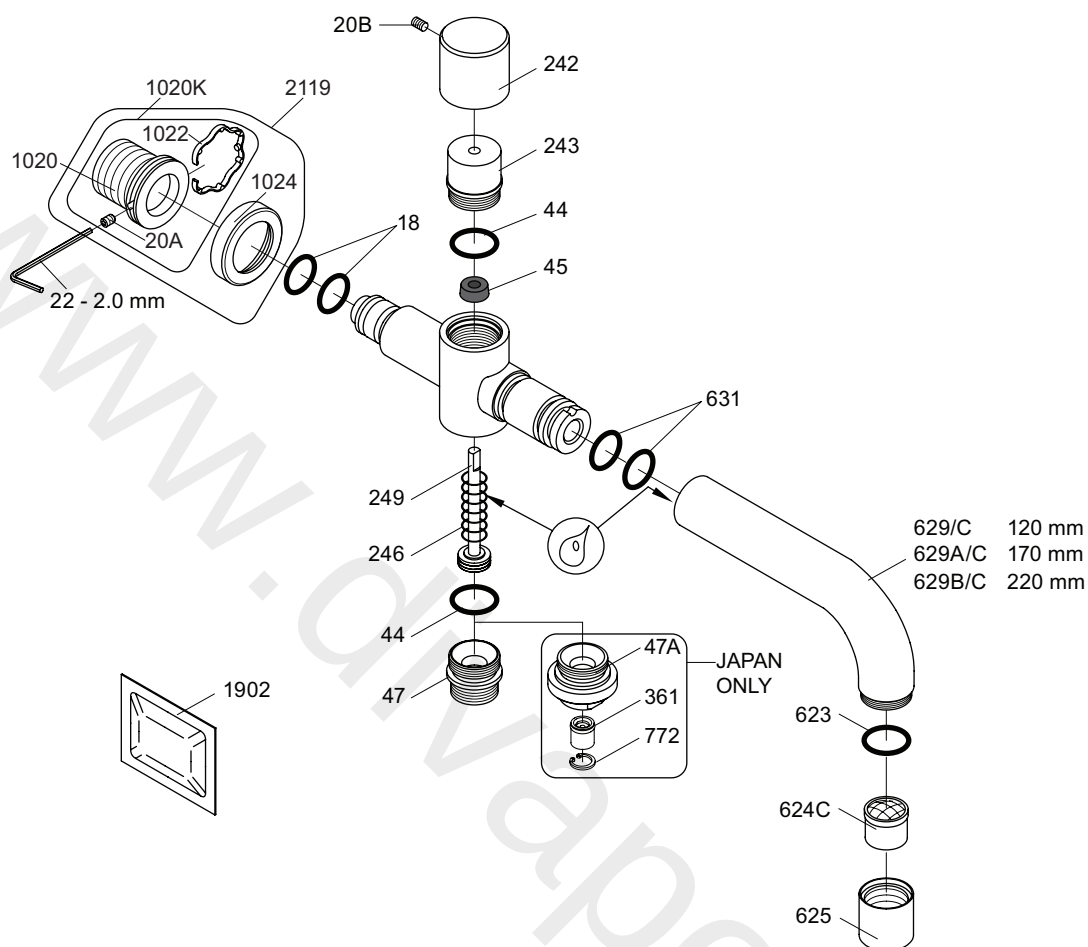
T8, T9, T14



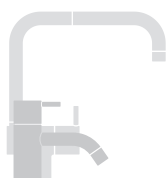
T3







VR040D/: VR22, VR44, VR45, VR246, VR623, VR624/A/C/D/E/F, 2xVR631, VR1902  
 VR1020K: VR20A, VR22, VR1020, VR1022  
 VR2119: VR20A, VR22, VR1020, VR1022, VR1024



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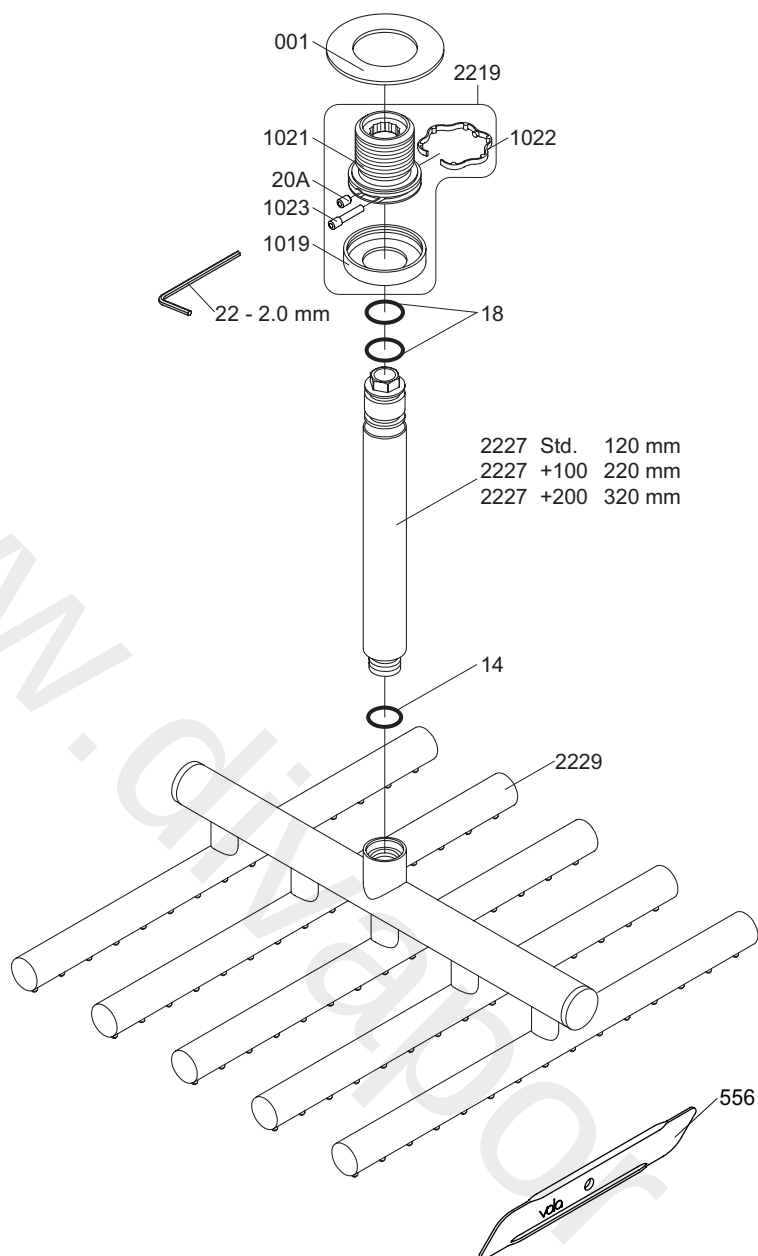
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**VOLA 040D/C**

Date  
 Apr, 21

Rev.  
 2

Sheet  
 SB 20.1



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



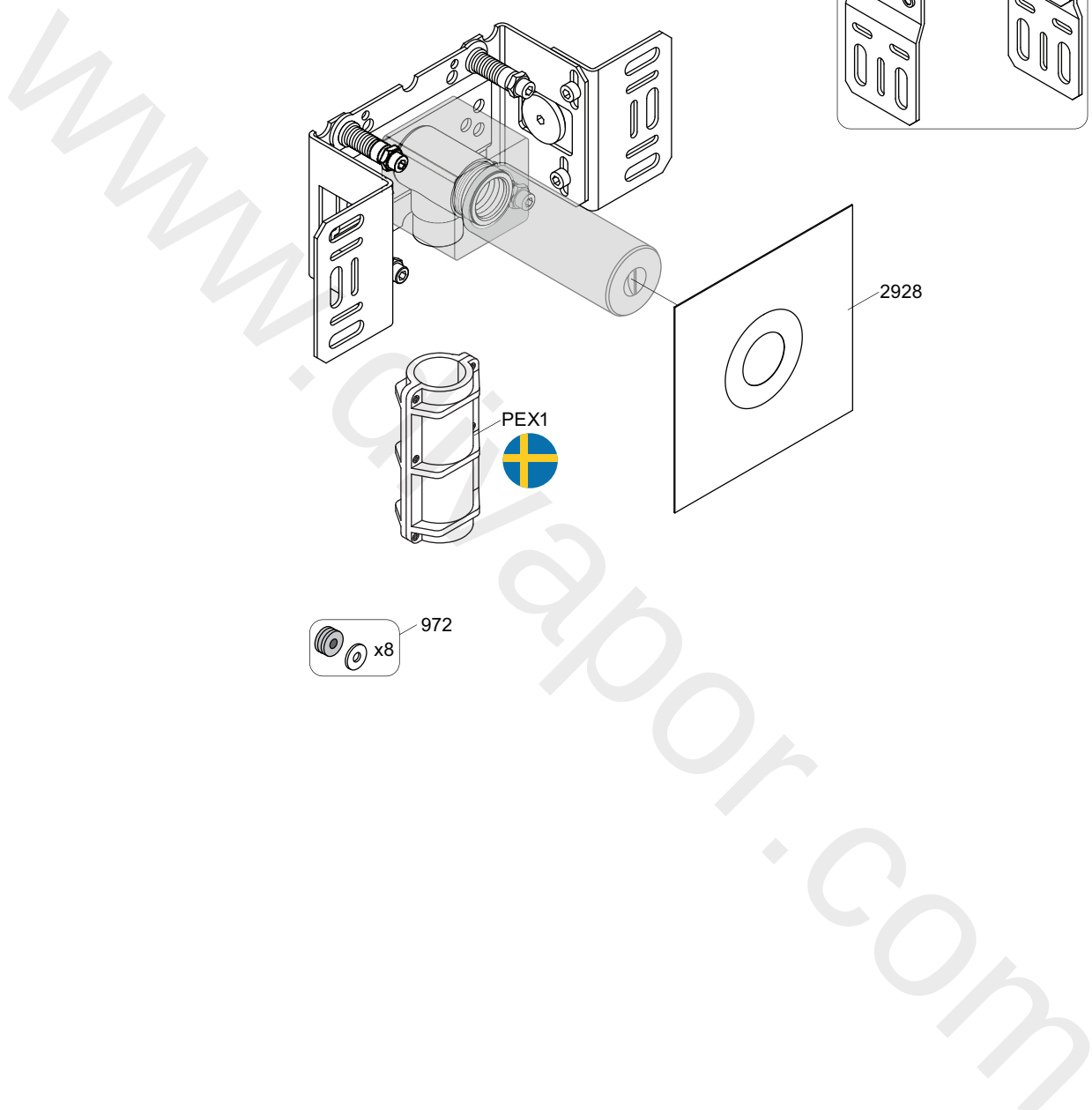
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**VOLA 050A**

Date  
 Apr. 21

Rev.  
**3**

Sheet  
**SB 14.2**

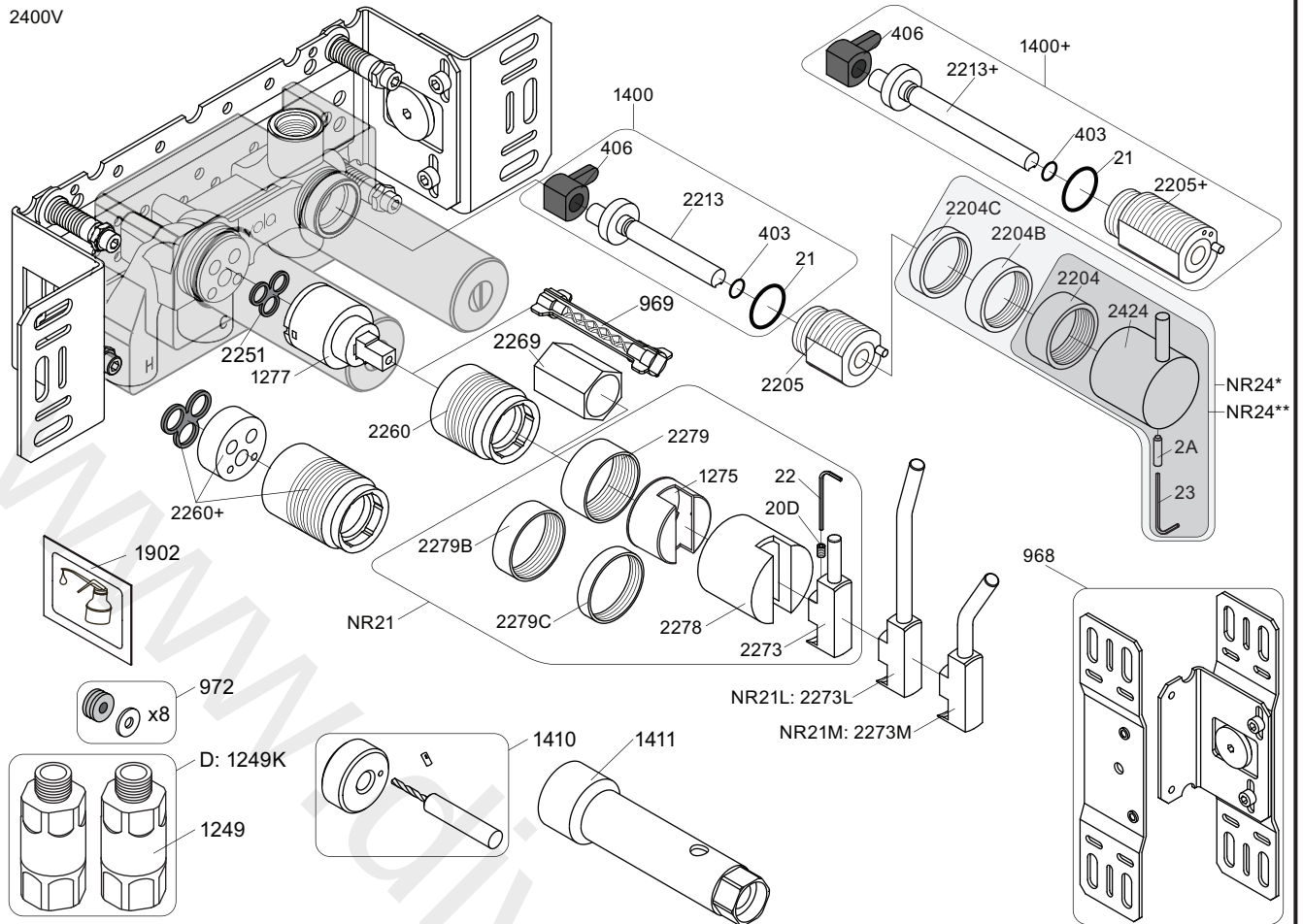


# VOLA 200M

Sheet  
**SB 2.3**

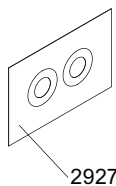
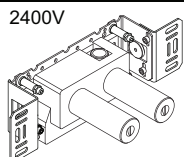


2400V



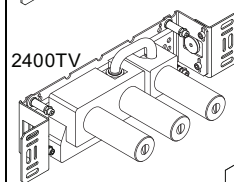
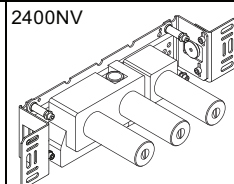
NR21: VR20D, VR22, VR1275, VR2269, VR2273, VR2278, VR2279, VR2279B, VR2279C  
 NR24\*: VR2A, VR22, VR1419, VR2204, VR2204B, VR2204C - (Brass, Messing, Laiton)  
 NR24\*\*: VR2A, VR22, VR1419, VR2204 - (Stainless steel, Edelstahl, Rustfrit stål, Acier inoxydable)  
 VR1277K: VR22, VR2269, VR1277  
 VR1400: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

2400V



2927

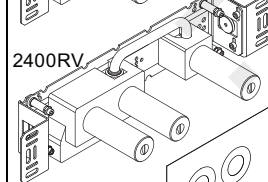
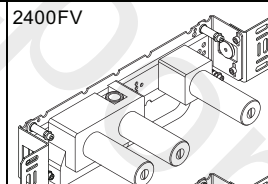
2400NV



2400TV

2926

2400FV



2400RV

2928



1040



2003K



2004



2003



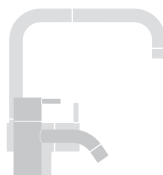
2001, 001G



2001, 001G, 001



2001, 001G, 001



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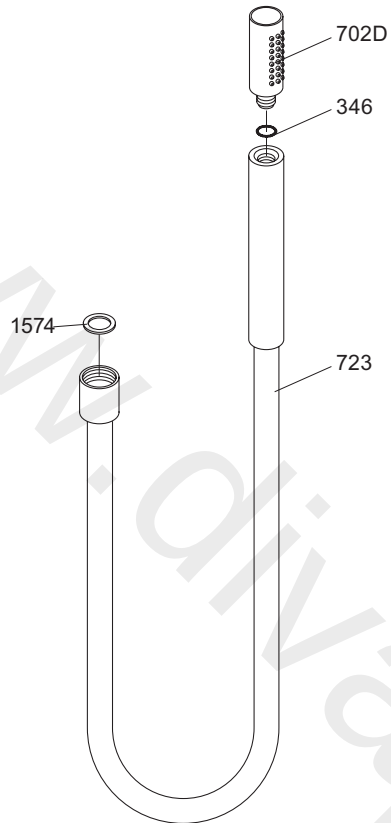
**VOLA 2400**  
 2400V/FV/NV/RV/TV

Date  
 May. 22

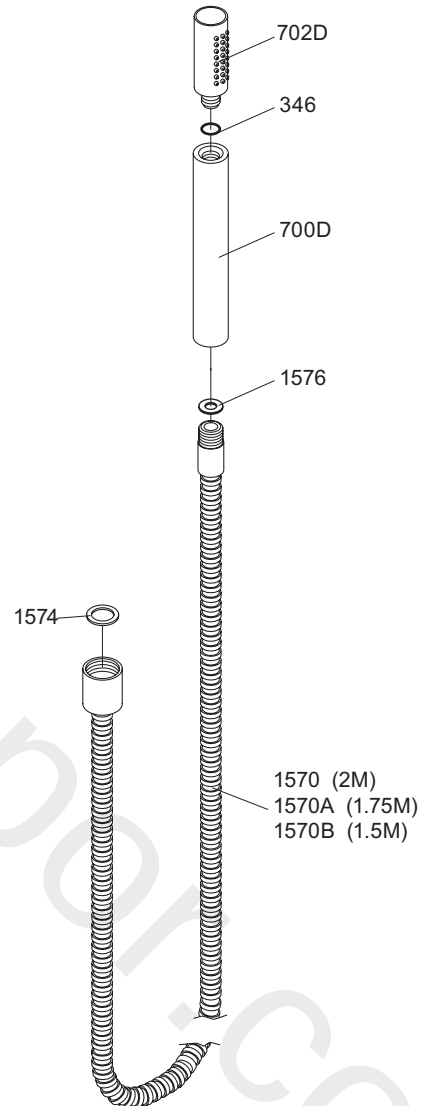
Rev.  
 5

Sheet  
 SB 10.10

T2V:



T2:



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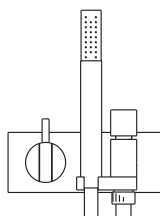
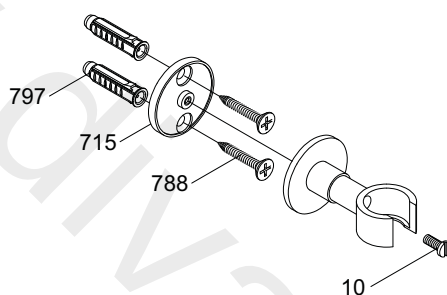
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## VOLA T2V & T2

Date  
Sep. 07

Rev.  
1

Sheet  
SB 40



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**VOLA T8**

Dato

Jan. 96

Rev.

1

Blad

SB 40.6