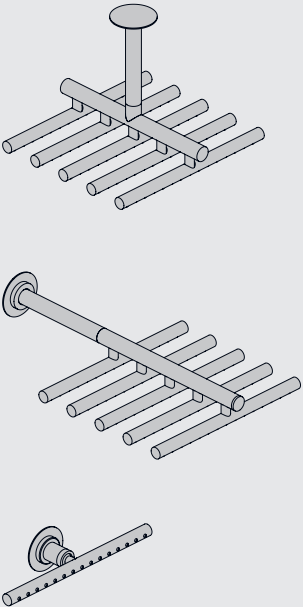


VOLA 050, 050A, 050K

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



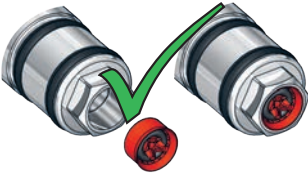
VR161K



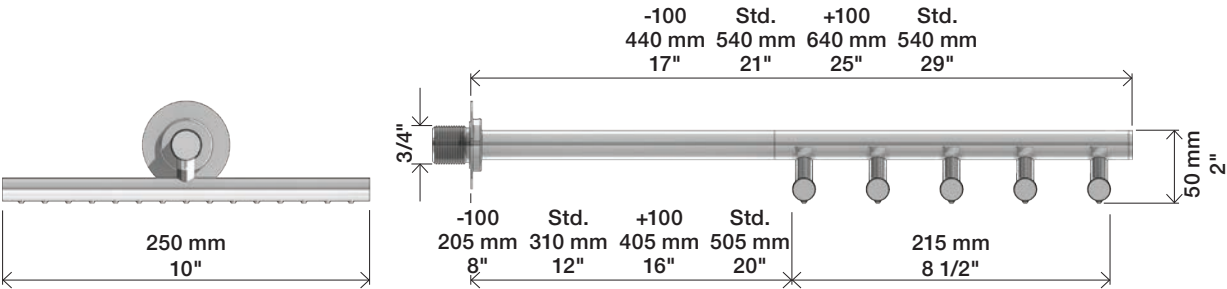
VR161D



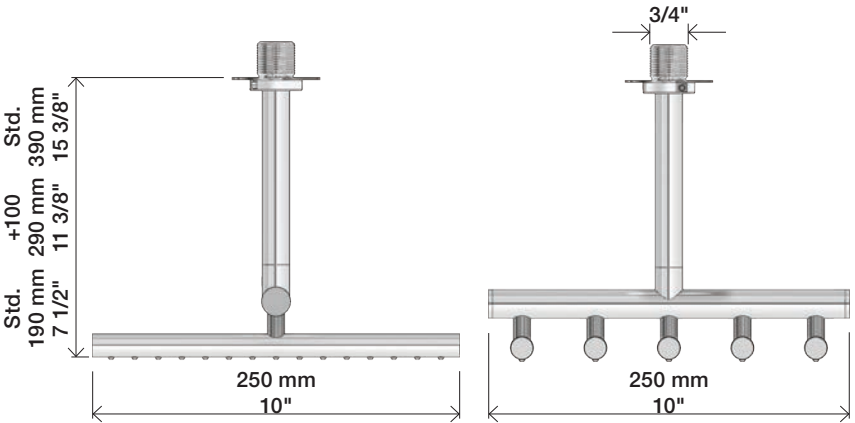
VR161F



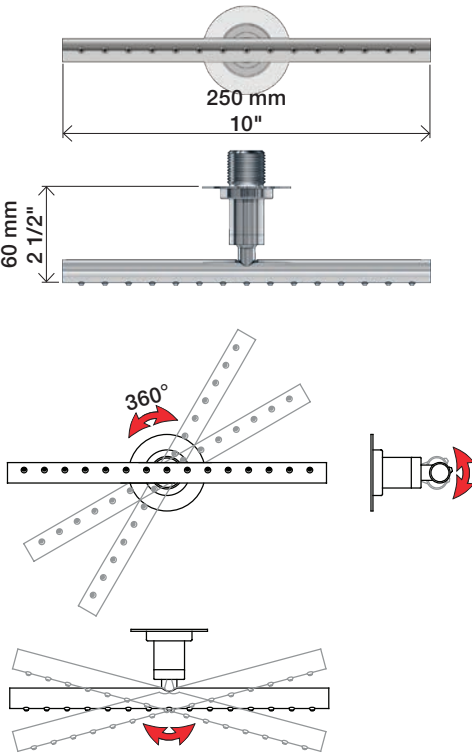
050



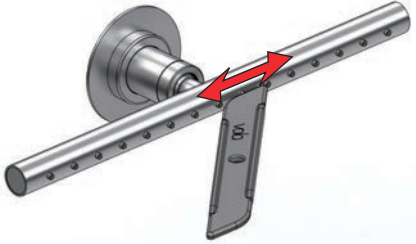
050A

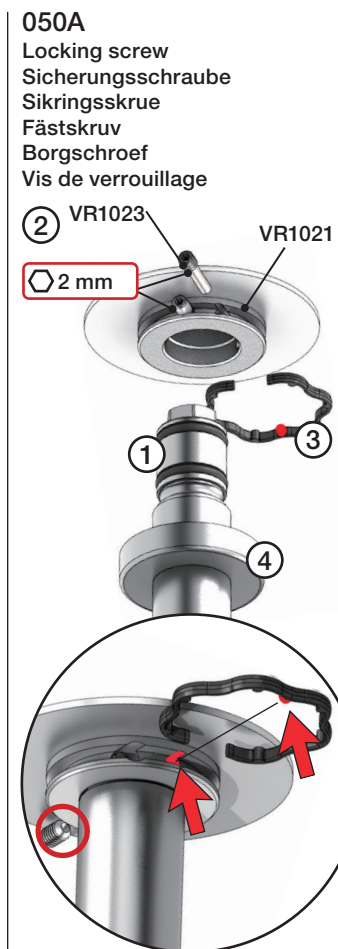
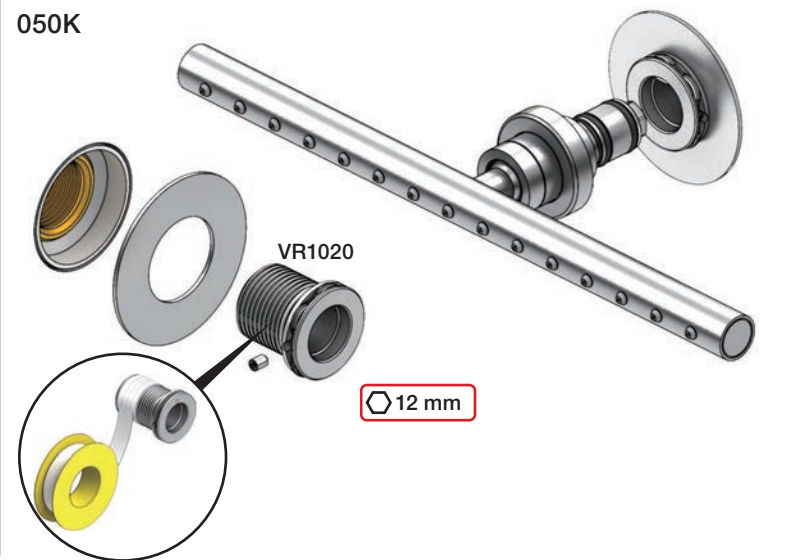
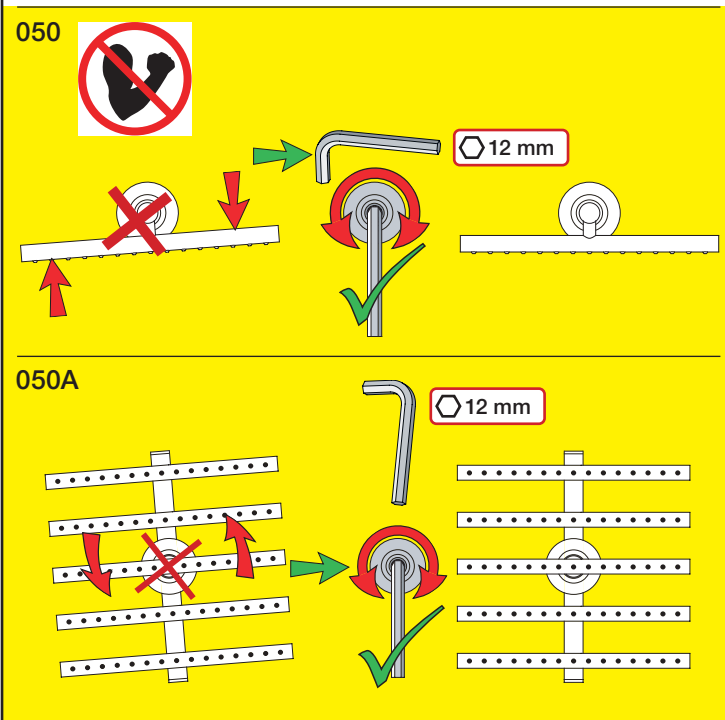
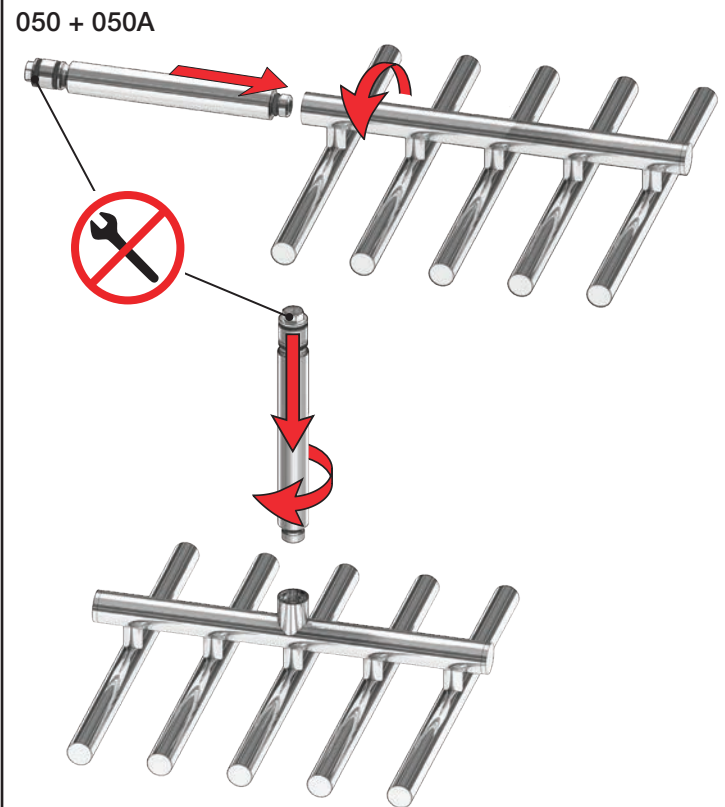


050K

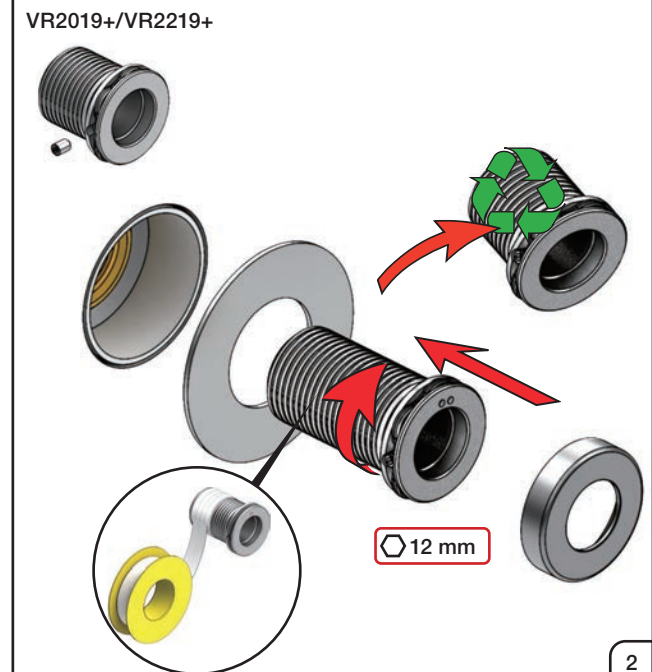


Service - VR556



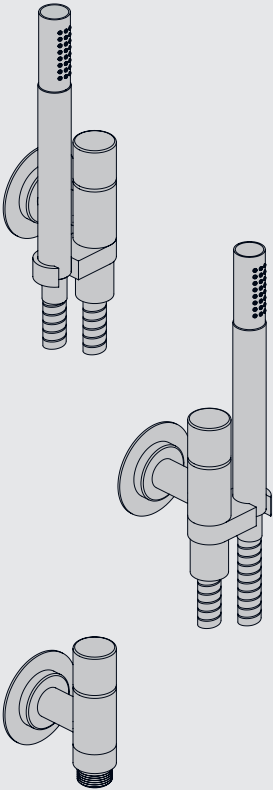


| Extension<br>Verlängerung        | Forlængerdele<br>Förlängning       | Verlengstukken<br>Modification                                         |
|----------------------------------|------------------------------------|------------------------------------------------------------------------|
| <b>T</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

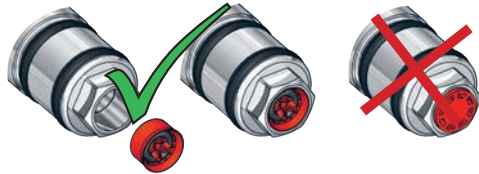
Fitting instruction  
Montageanleitung  
Monteringsvejledning  
Monteringsvægledning  
Montage hanleiding  
Manuel de montage



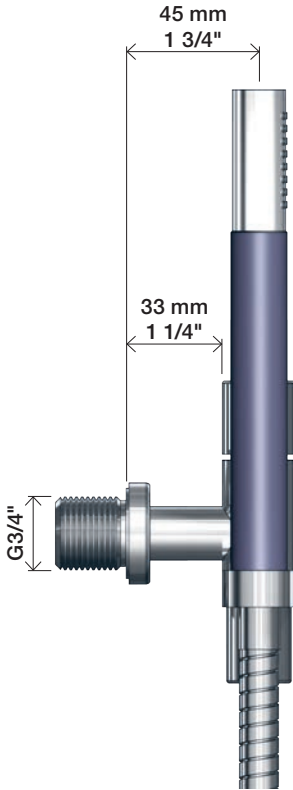
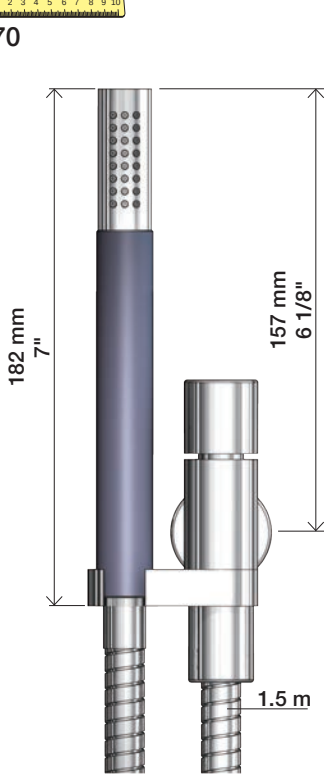
| Data                                                                              | Bar:                 | 1        | 2         | 3         | 4         | 5        |
|-----------------------------------------------------------------------------------|----------------------|----------|-----------|-----------|-----------|----------|
| 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     |          |           |           |           |          |



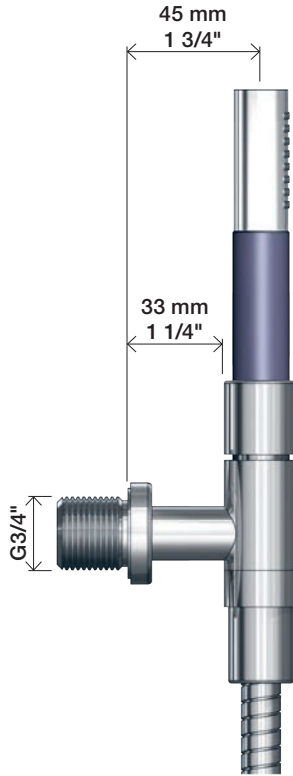
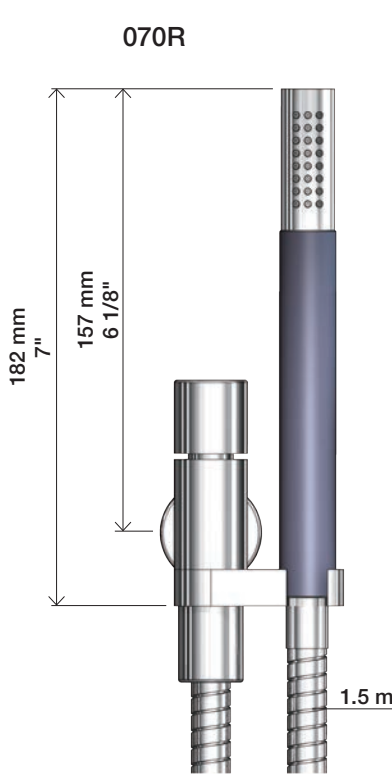
VR161:  
VR161K: 7 l/min - 1.8 Gal/min (Cal Green)



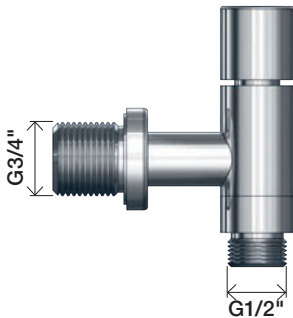
070

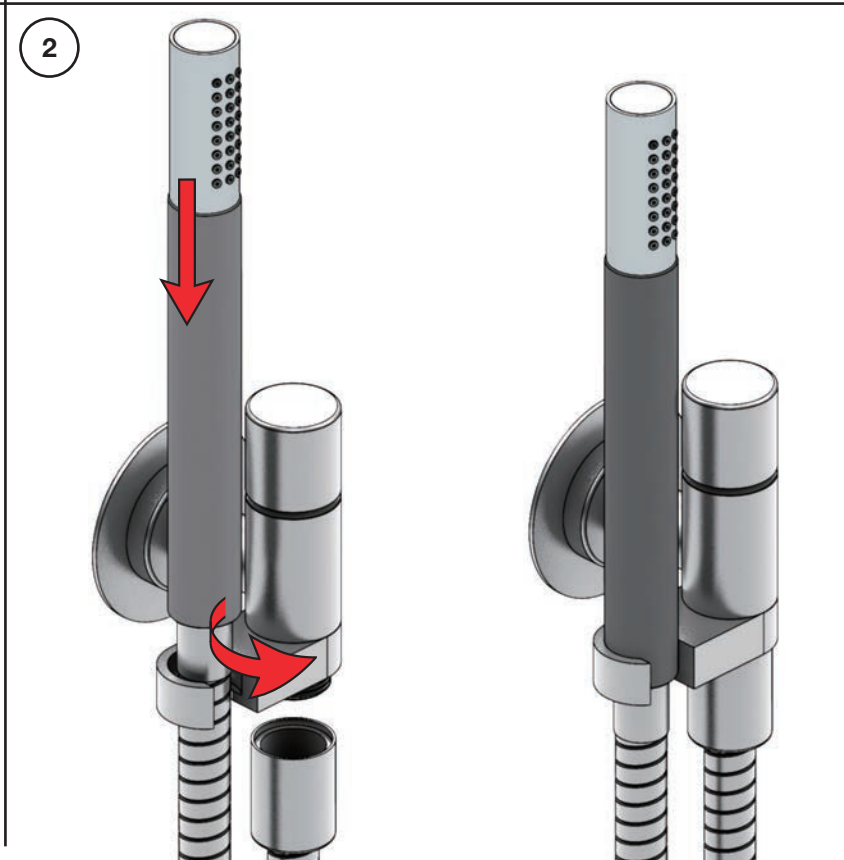
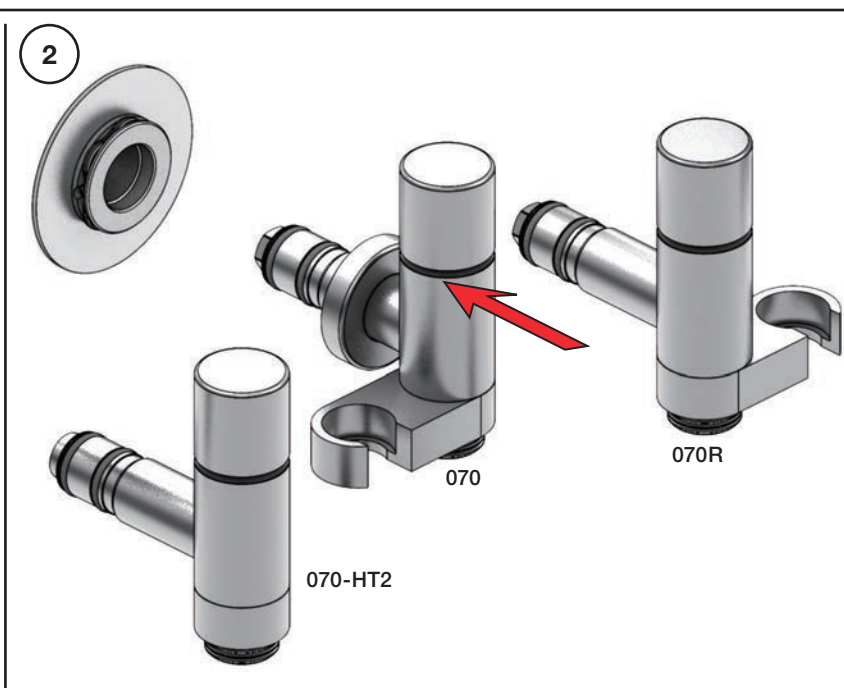
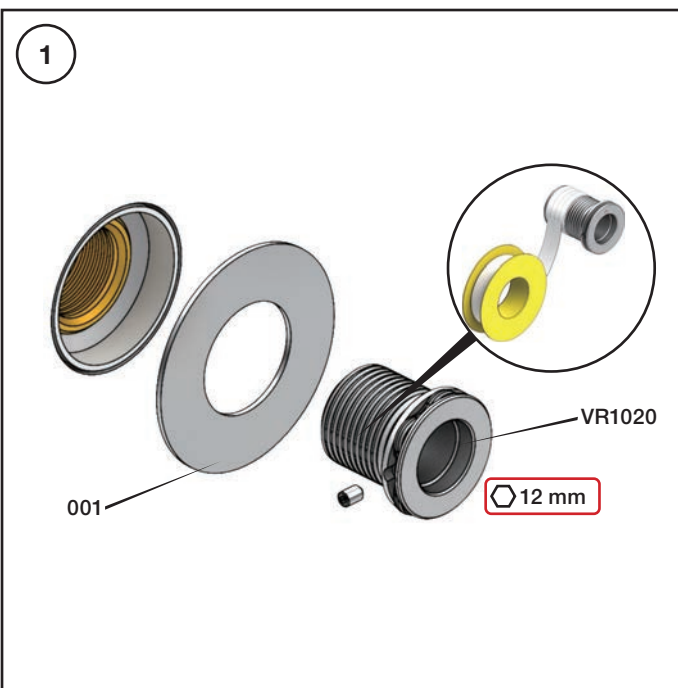


070R



070-HT2



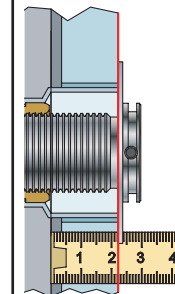


Extension  
Verlängerung

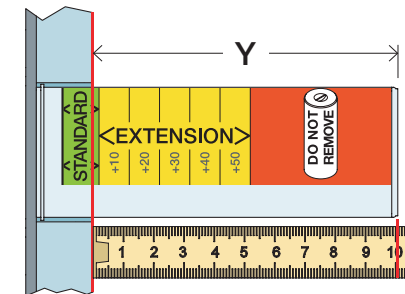
Forlængerdele  
Förlängning

Verlengstukken  
Modification

T Min. 3 mm  
Max. 65 mm

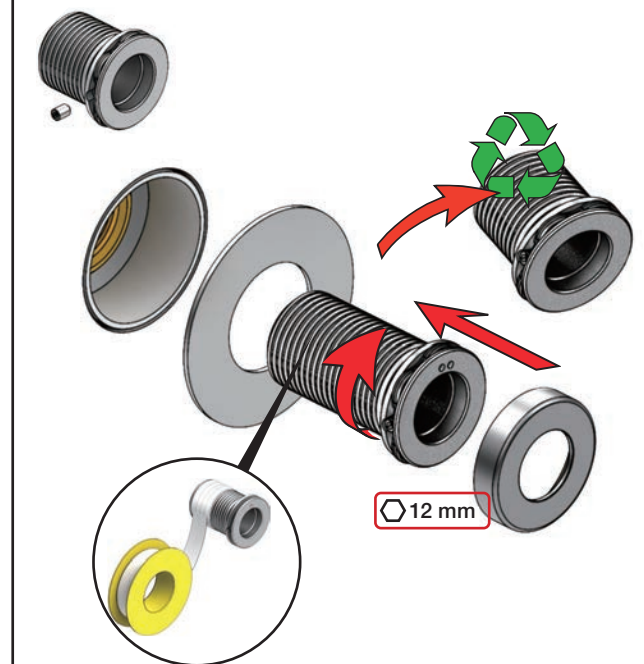


Y Min. 48 mm  
Max. 110 mm



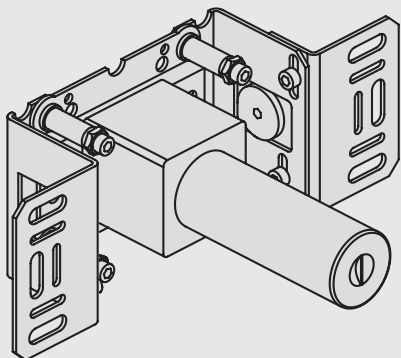
| T          | Y           | VR2019 |
|------------|-------------|--------|
| 3 - 15 mm  | 110 - 98 mm | Std.   |
| 15 - 25 mm | 98 - 88 mm  | +10    |
| 25 - 35 mm | 88 - 78 mm  | +20    |
| 35 - 45 mm | 78 - 68 mm  | +30    |
| 45 - 55 mm | 68 - 58 mm  | +40    |
| 55 - 65 mm | 58 - 48 mm  | +50    |

VR2019+





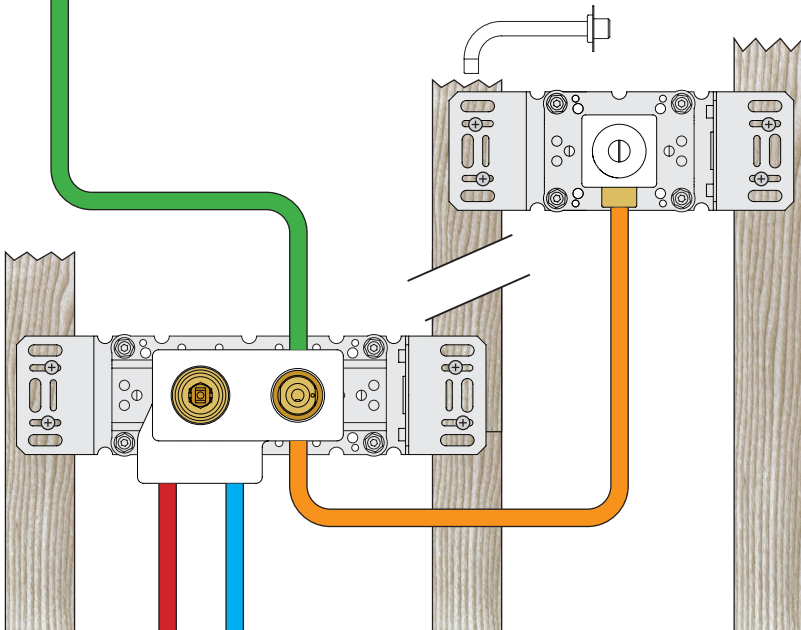
Monteringsvägledning  
Montage hanleiding  
Manuel de montage



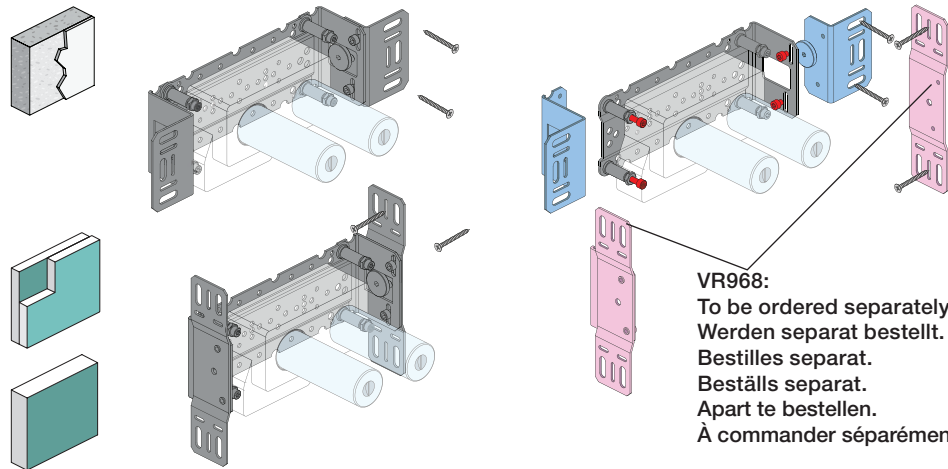
200M\_V4\_40998506  
25-11-2022



A schematic diagram of a water meter assembly. It features a central water meter with a horizontal pipe passing through its center. Above the meter, there are two vertical pipes, each equipped with a valve. Below the meter, a vertical pipe leads to a horizontal distribution pipe with four outlets. A green pipe is shown entering from the left and connecting to the main horizontal pipe above the meter.



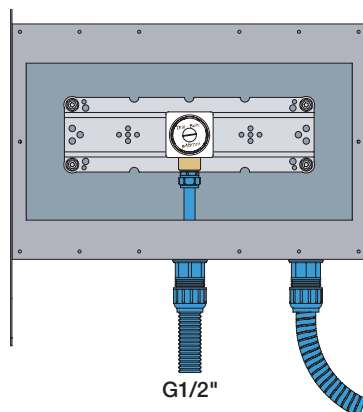
prüfen.



 DE:  
Bitte separat beiliegende Anleitung für die Schallentkopplung  
VR972 beachten



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

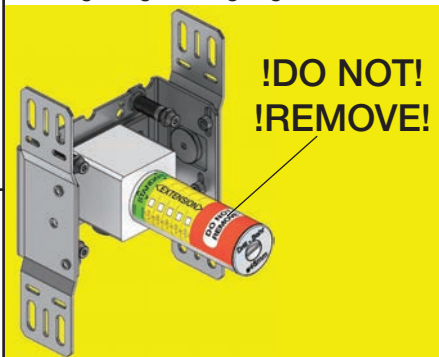


G1/2"

Skvallerrör



**!DO NOT!  
!REMOVE!**



| 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  |

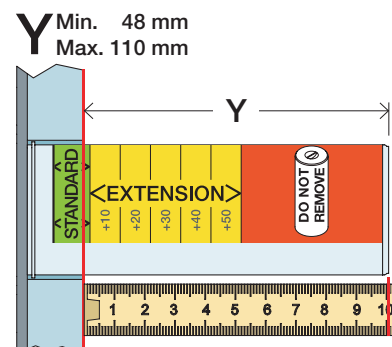
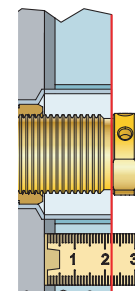
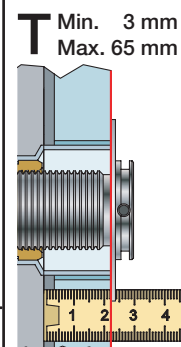
Type UP\_4099830

**DO NOT REMOVE**

VR648



\* +10 - STANDARD SVERIGE



| 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  |

Montage van de verlengstukken  
Montage des rallonges

[illegible]

24 mm

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





**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



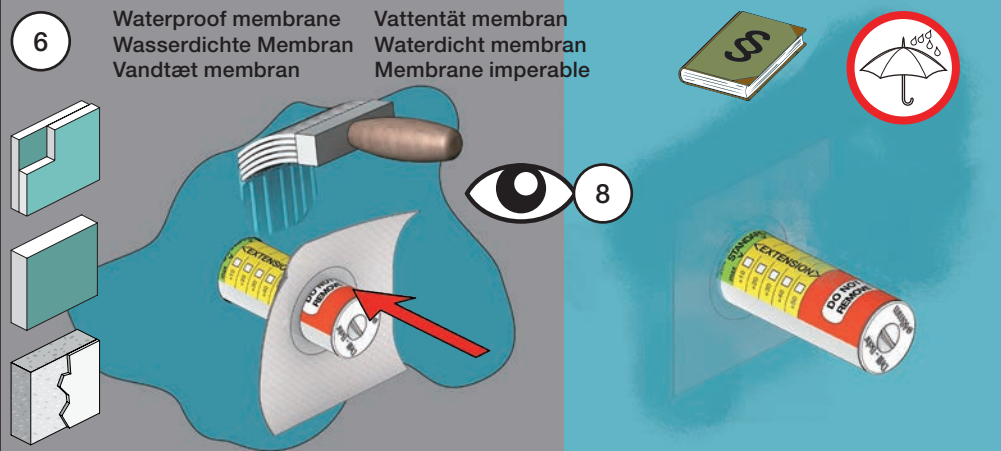
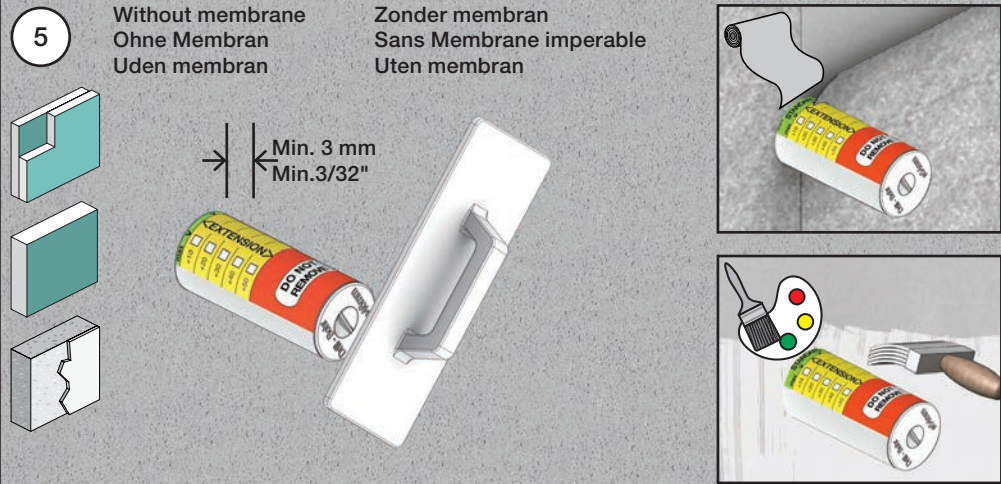
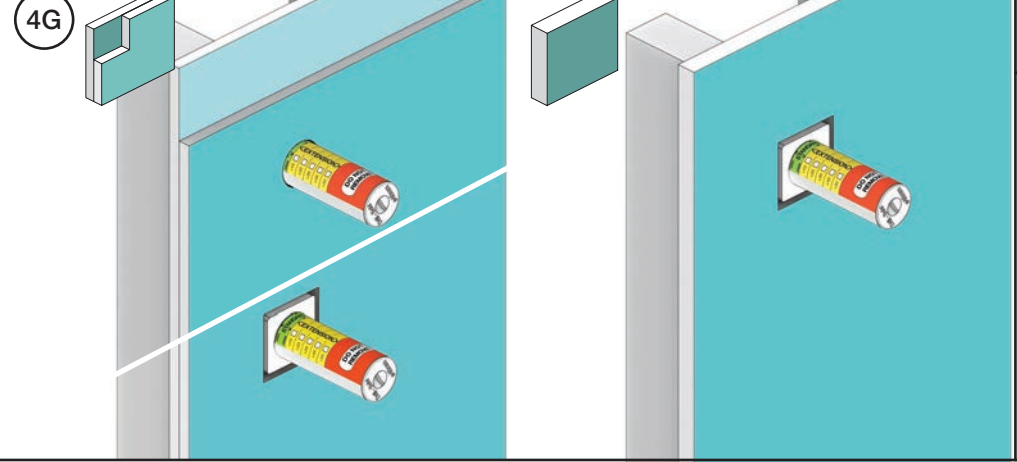
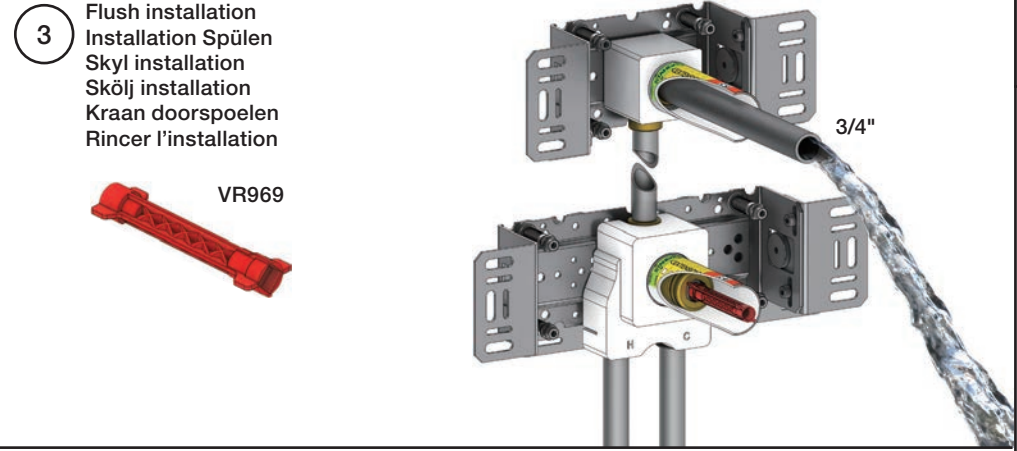
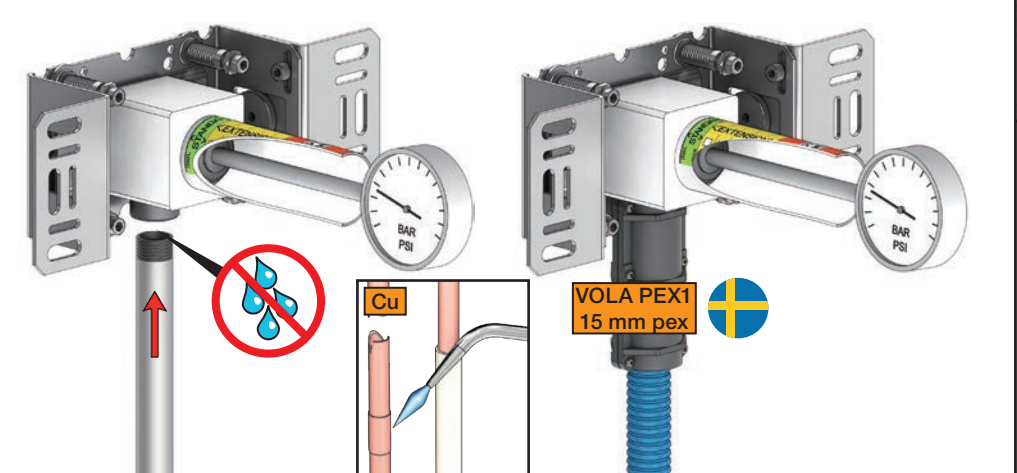
**2**

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



VOLA 5100, 5100X, 5200V, 5300  
VOLA 5400DV, 5400V, 5400NV & A3/A4  
VOLA 5400TV, 5400FV, 5400RV & A3/A4  
VOLA 5600V & A3/A4

Fitting instruction  
Montageanleitung  
Monteringsvejledning

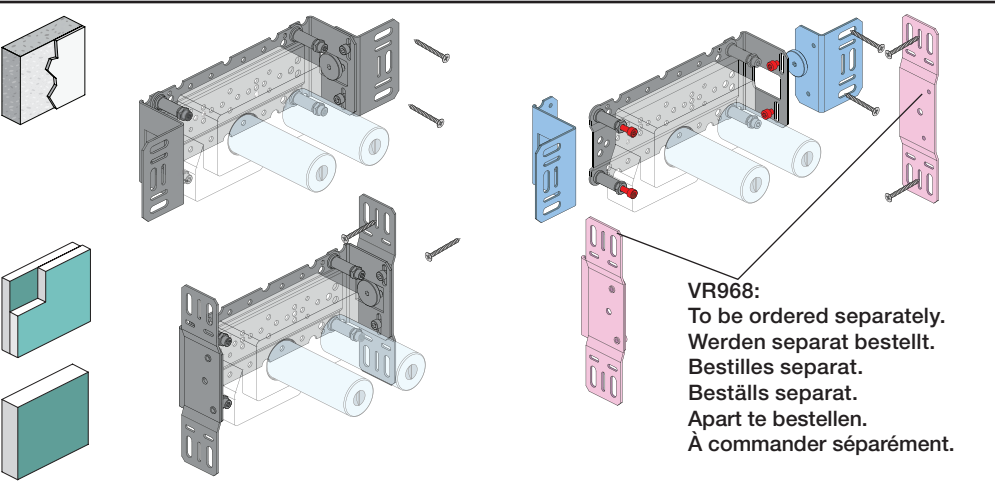
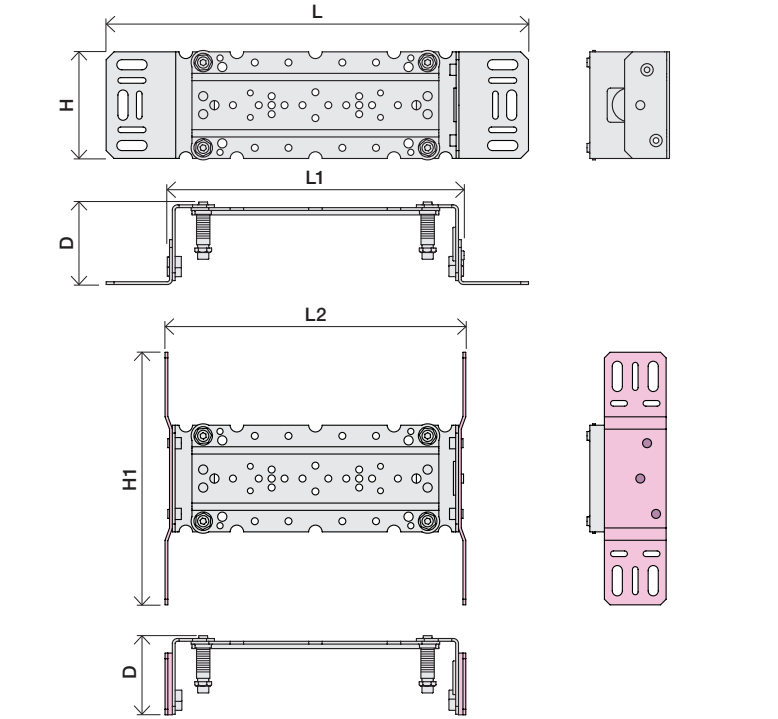
Monteringsvægledning  
Montage hanleiding  
Manuel de montage

www.vola.com

5000\_V4\_40998504  
04-01-2023

5 705230 287317

| <a href="http://vola.com">vola.com</a> | L                 | L1                | L2                | H               | H1              | D               |
|----------------------------------------|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|
| 5400DV                                 | 377 mm<br>14 3/4" | 260 mm<br>10"     | 268 mm<br>10"     | 95 mm<br>3 3/4" | 186mm<br>7 3/8" | 70 mm<br>2 3/4" |
| 5100, 5200V, 5300,<br>5400V, 5600V     | 475 mm<br>19 3/4" | 355 mm<br>14"     | 367 mm<br>14 1/2" |                 |                 |                 |
| 5100X, 5400NV, 5400TV                  | 552 mm<br>21 3/4" | 435 mm<br>17"     | 447 mm<br>17 5/8" |                 |                 |                 |
| 5400FV, 5400RV                         | 630 mm<br>25 1/2" | 514 mm<br>20 3/8" | 522 mm<br>20 1/2" |                 |                 |                 |



A

Max.: 10 Bar/145 psi

Max. 65°C, 150°F

USA - For use with showerheads rated at 5.7 L/min. (1.5 gpm.) or higher.

Data, l/min. / (Gpm) 3 Bar/43.5 Psi:

5100/5200V/5300: 

A

 5400/5600A3: 

A

 - 

C

5400/5600: 

A

 - 

B

 5400/5600A4: 

A

 - 

D

AUS - Hot water inlet: Max. 50°C, 122°F. (AS 4032)

| 5400<br>5600 | 5400A3<br>5600A3 | 5400A4<br>5600A4 |              |              |              |              |              |              |              |
|--------------|------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|              |                  |                  | <div>A</div> | <div>M</div> | <div>B</div> | <div>M</div> | <div>C</div> | <div>M</div> | <div>D</div> |
| Out 2        | Out 1            | Out 1            | 32/(8.5)     | 16/(4.2)     | -            | -            | -            | -            | -            |
| Out 3        | Out 2            | Out 2            | -            | -            | 32/(8.5)     | 16/(4.2)     | -            | -            | -            |
| -            | Out 3            | Out 3            | -            | -            | -            | -            | 32/(8.5)     | 16/(4.2)     | -            |
| -            | -                | Out 4            | -            | -            | -            | -            | -            | -            | 32/(8.5)     |

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 Schallentkopplung VR972 beachten

D

Box till inbyggnadsblandare.  
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

STD

+10

+20

+30

+40

+50

|  | T          | Y           | VR5250/VR5410/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                  |

Fitting of extension  
Montage von verlängerung

Montering af forlængerdele  
Montering av förlängning

VR5250

VR2019+, VR2119+

VR5410

5400:  
5600:

5400A3/A4:  
5600A3/A4:

VR5411

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

X 52 - 0 mm

X -15 - 0 mm

|  | X           | VR5250/VR5410/VR2019 |
|--|-------------|----------------------|
|  | 37 - 49 mm  | Std.                 |
|  | 27 - 37 mm  | +10                  |
|  | 17 - 27 mm  | +20                  |
|  | 7 - 17 mm   | +30                  |
|  | -3 - 7 mm   | +40                  |
|  | -13 - -3 mm | +50                  |

Montage van de verlengstukken  
Montage des rallonges

5400/5600:

5400A3/ 5600A3:

5400A4:

5600A4:

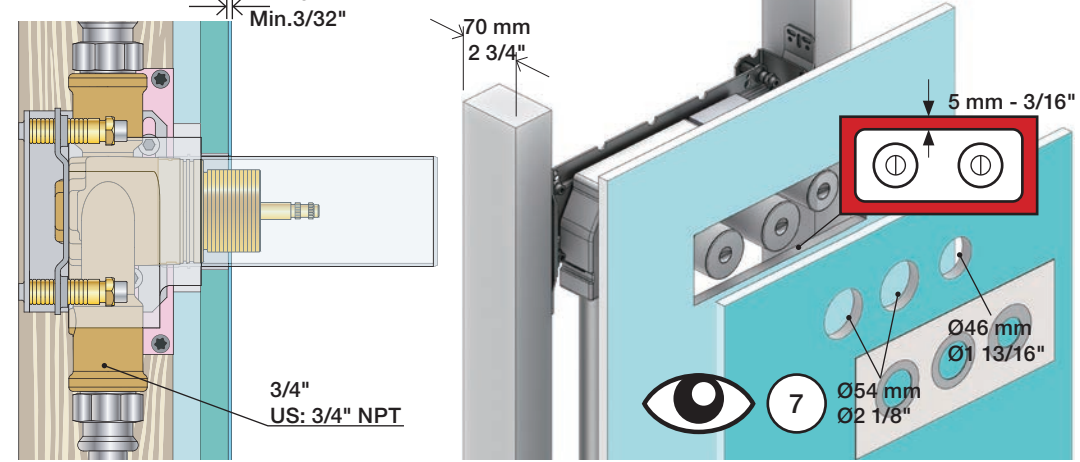
VR5411





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

Lätta konstruktion  
Holle wandconstructie  
Construction légère



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

Lightweight wall  
Leichtwand  
Let væg

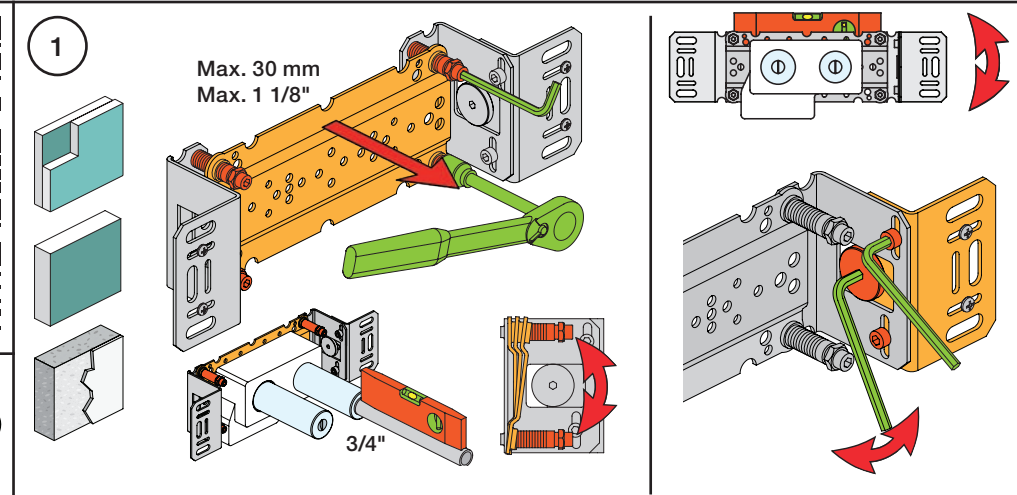
Lätta konstruktion  
Holle wandconstructie  
Construction légère

**2x13 mm**



Masonry  
Mauerwerk  
Murværk

Murverk  
Massieve wand  
Mur Plein

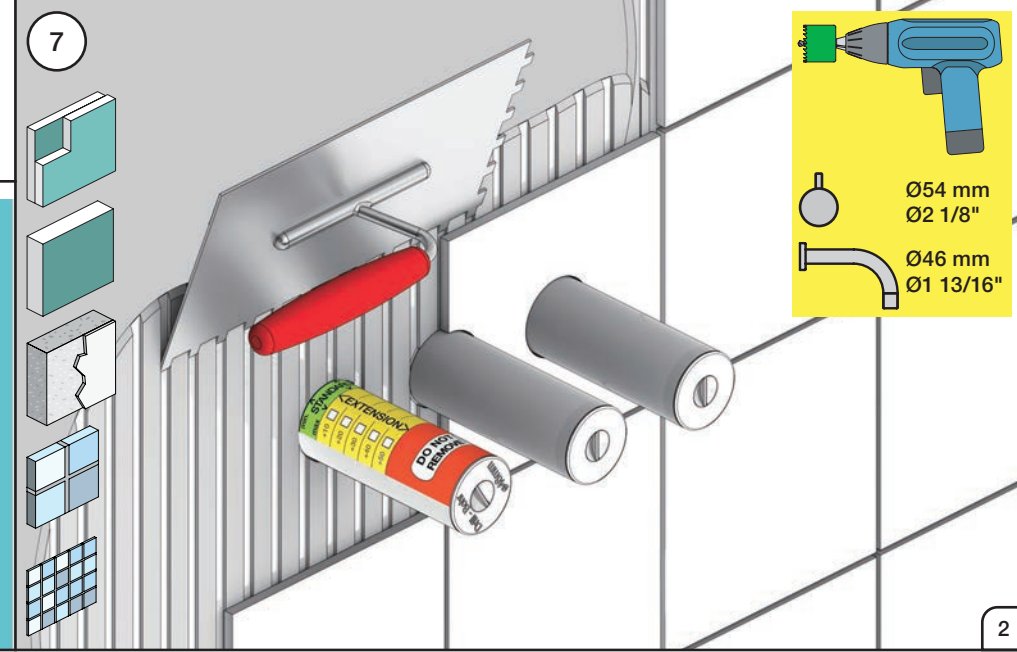
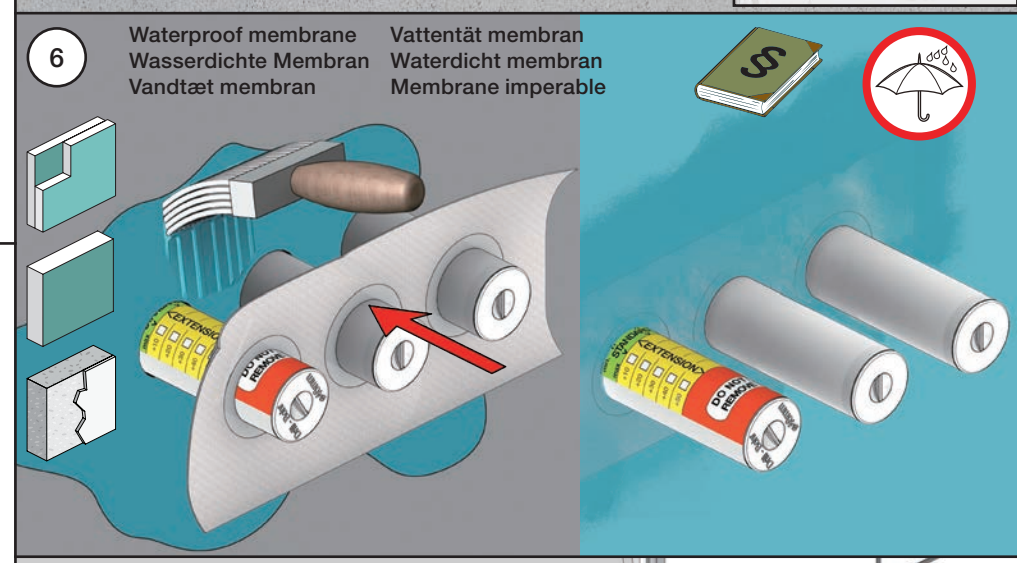
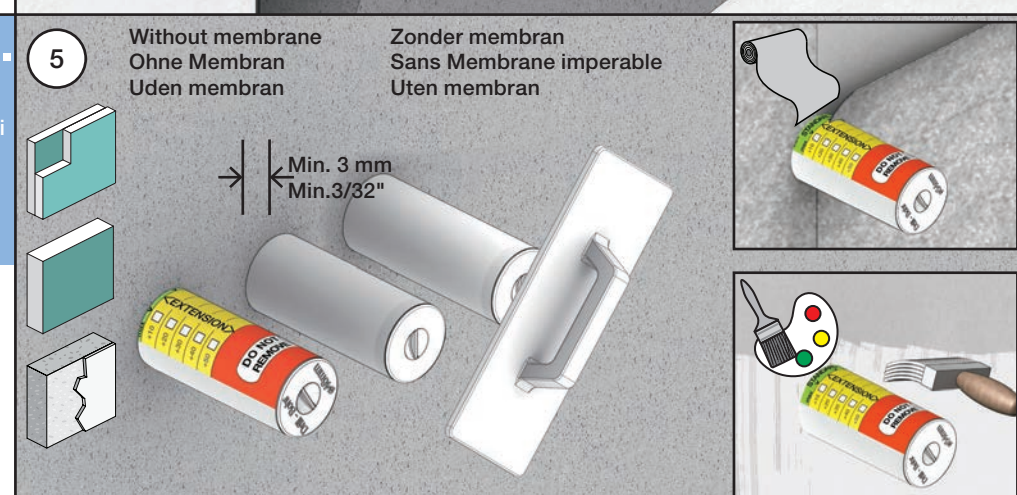
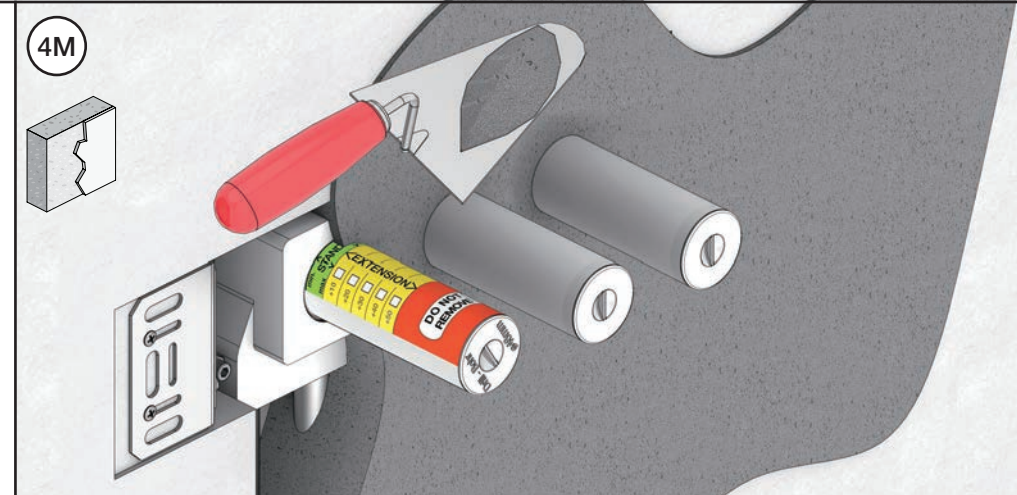
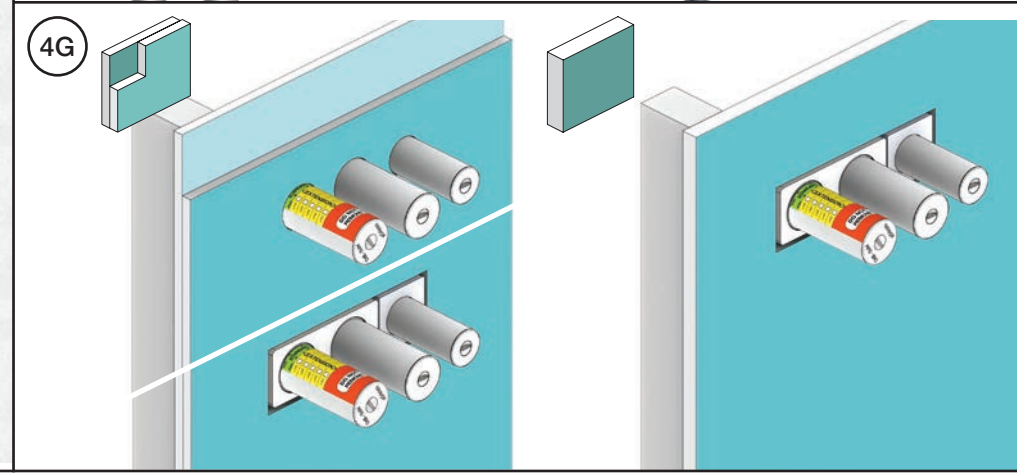
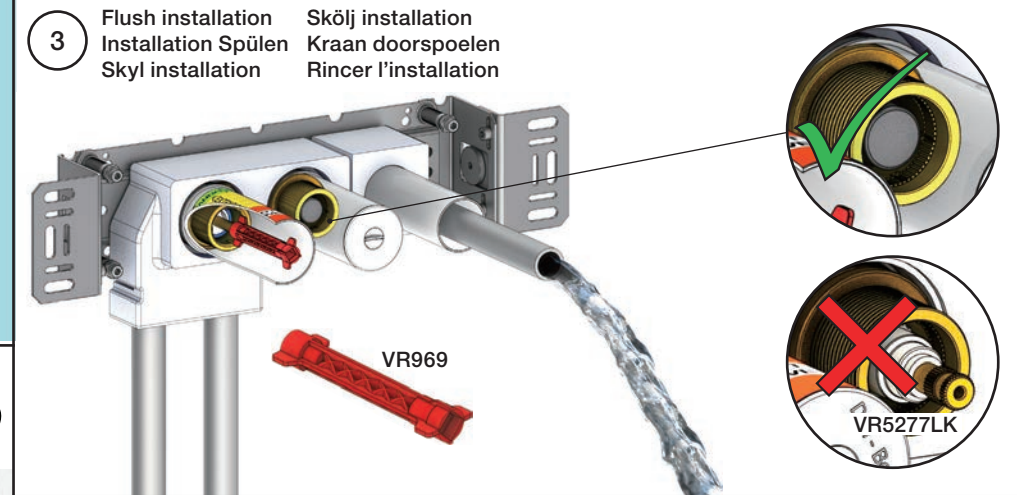
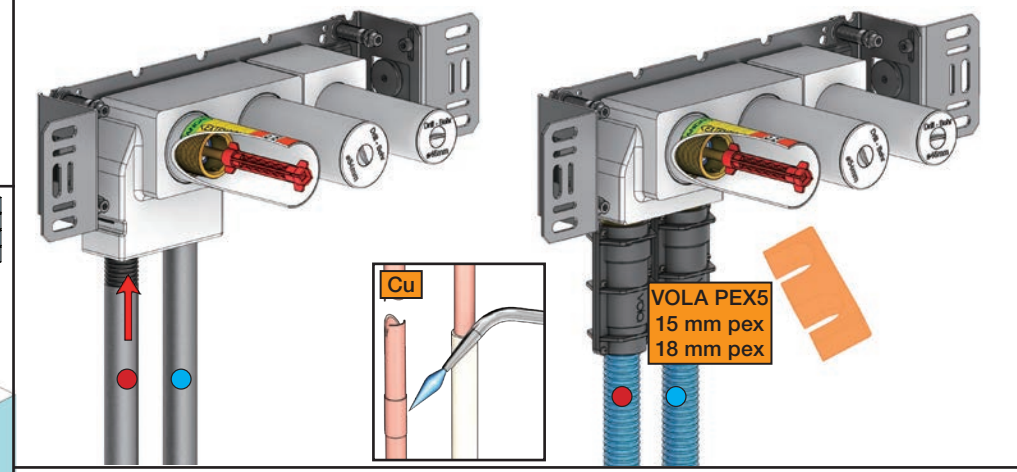


**2**

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 !**





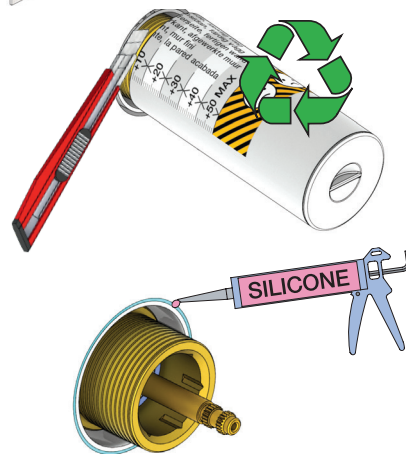
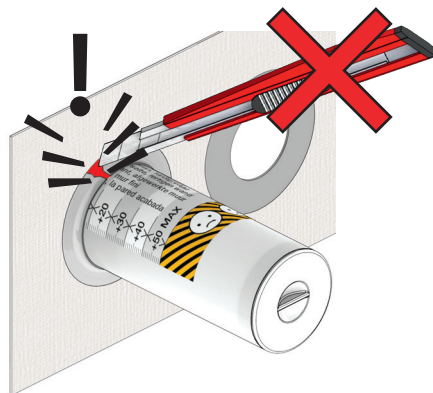
NR.51:

1

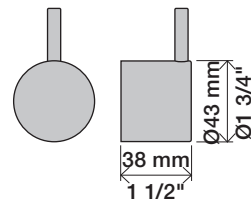
NR.52+64:

2

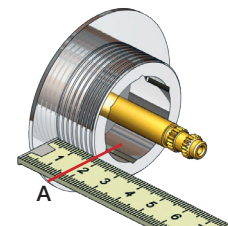
**Do not cut the membrane**  
**Die Membran nicht schneiden**  
**Skær ikke membranen**  
**Skär inte membranet**  
**Snij het membraan niet door**  
**Ne coupez pas la membrane**  
**No cortar la membrana**



NR 51



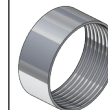
NR 51 - 1



VR2279

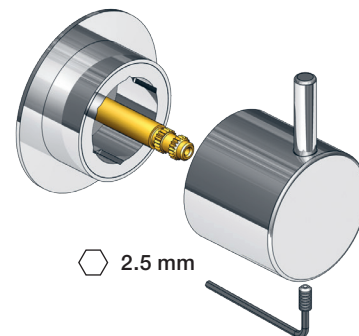
VR2279B

VR2279C

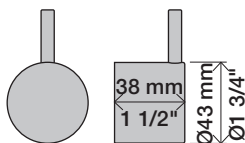


|         |       | A          |
|---------|-------|------------|
| VR2279  | 16 mm | 16 - 22 mm |
| VR2279B | 12 mm | 12 - 18 mm |
| VR2279C | 8 mm  | 8 - 15 mm  |

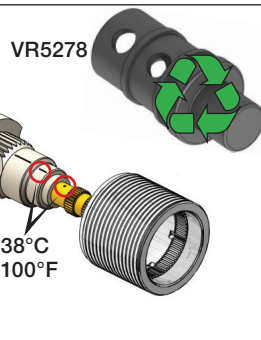
NR 51 - 2



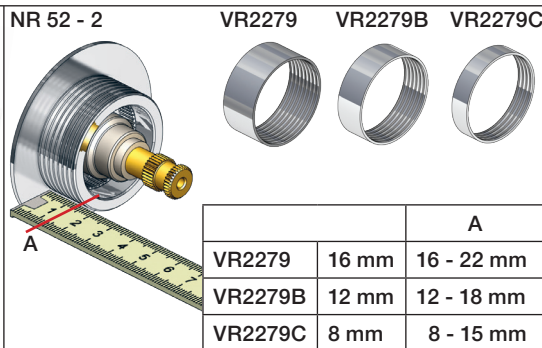
NR 52



NR 52 - 1



NR 52 - 2

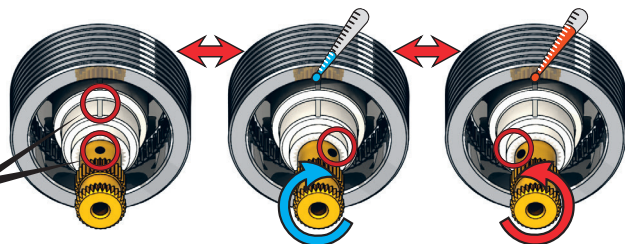


NR 52 - 3

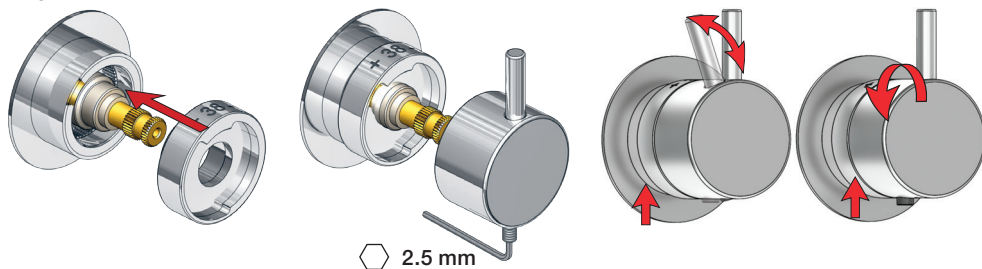
Anti scald settings  
Verbrühschutz  
Skoldningssikring  
Skållnings skydd  
Broeien verzekeringen  
Prévention des brûlures



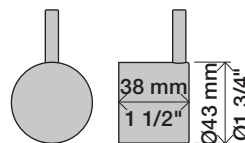
38°C  
100°F



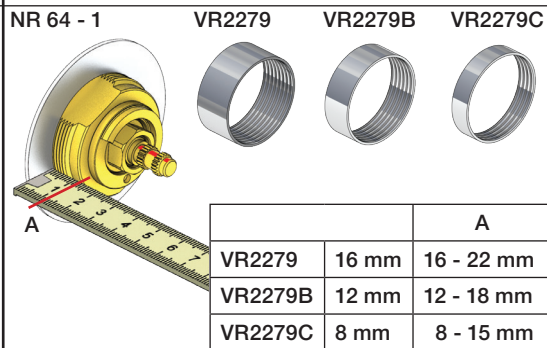
NR 52 - 4



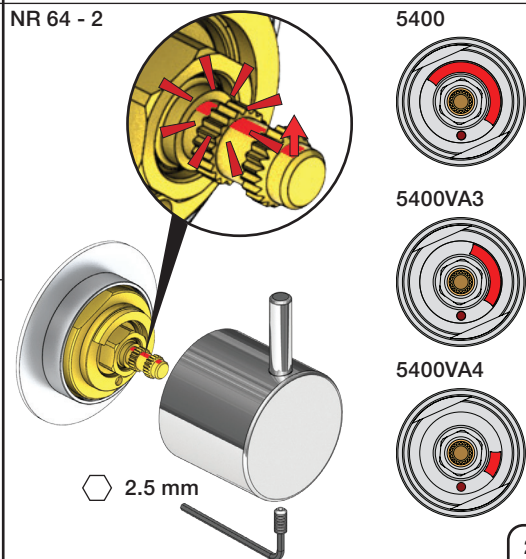
NR 64



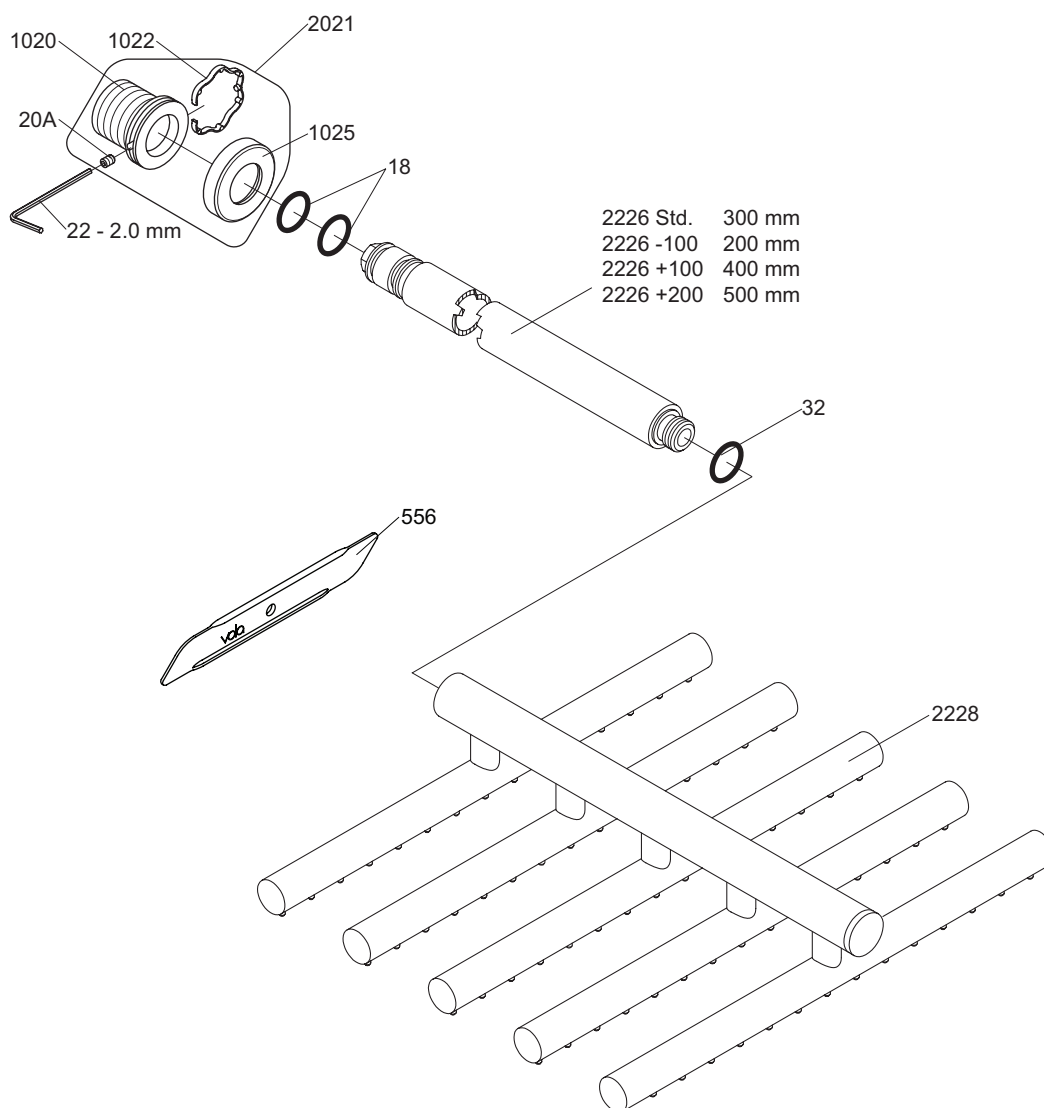
NR 64 - 1



NR 64 - 2







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



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**VOLA 050**

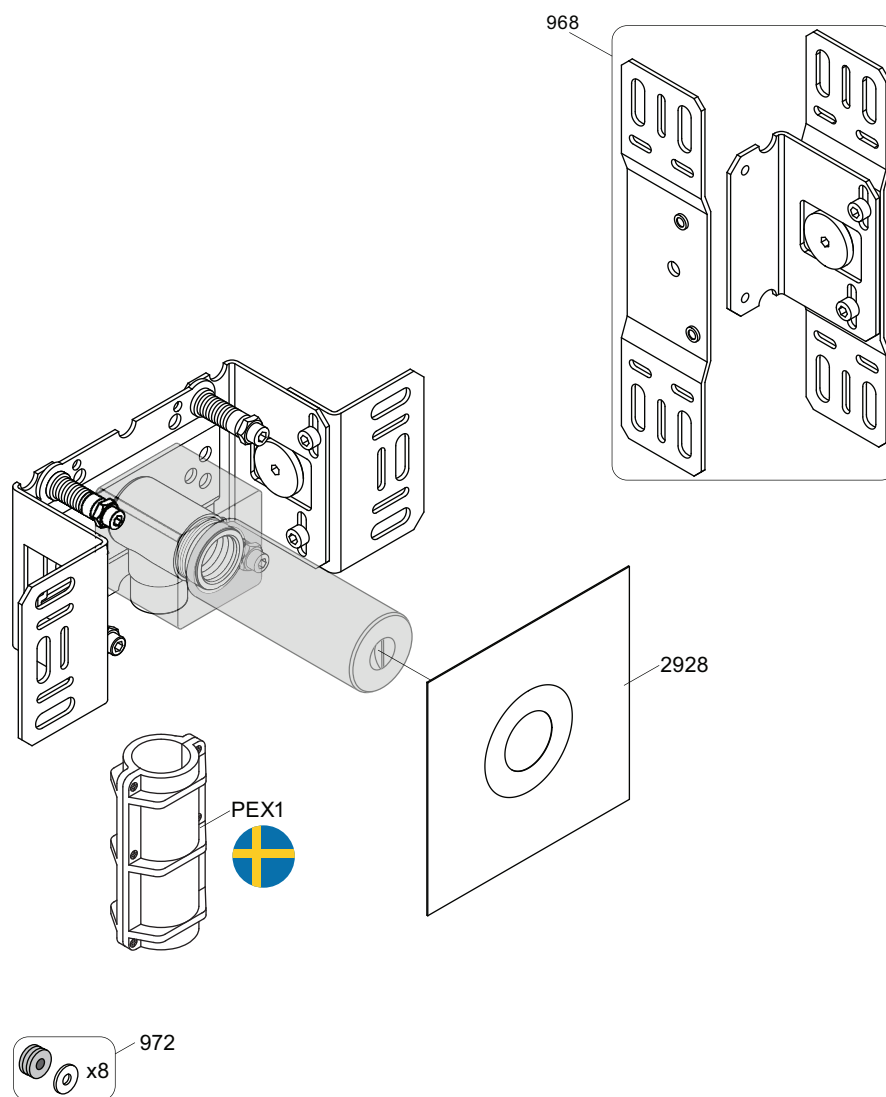
Date  
 Apr. 21

Rev.  
 3

Sheet  
 SB 14.1







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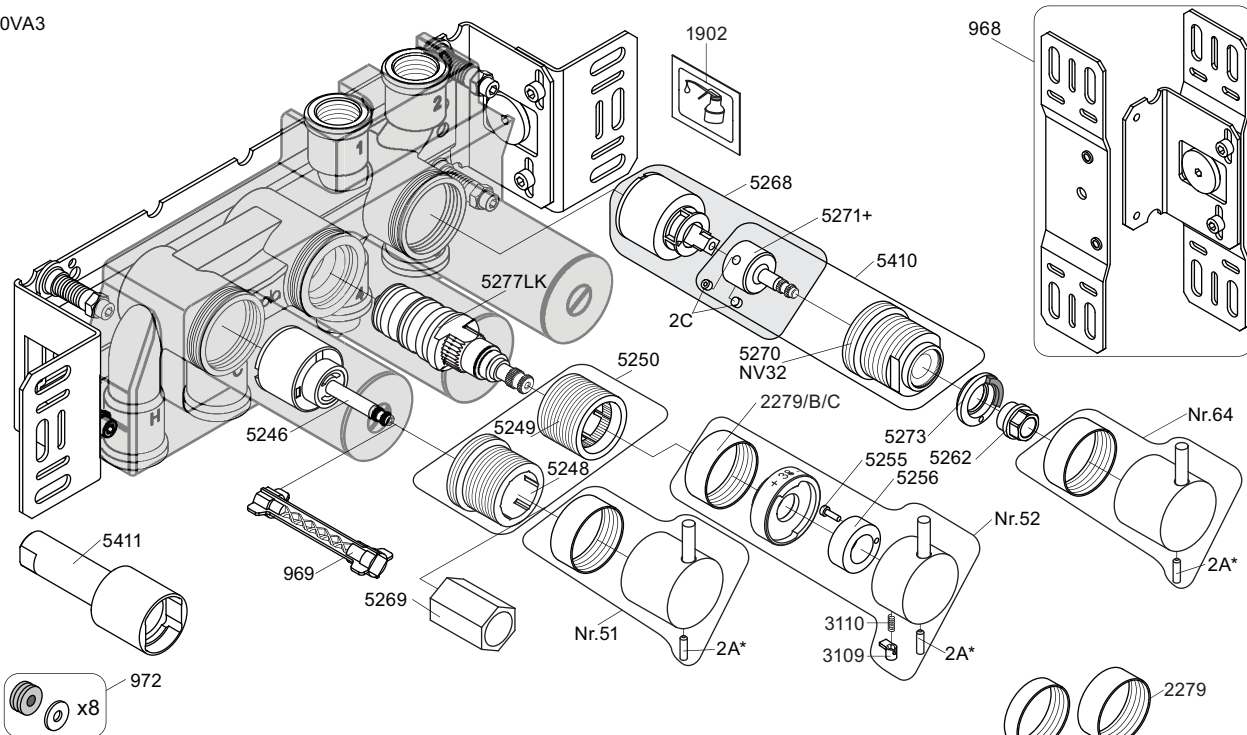
**VOLA 200M**

Date  
May. 22

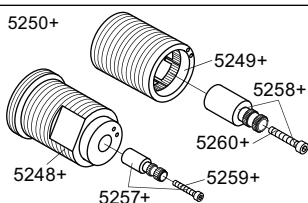
Rev.  
**3**

Sheet  
**SB 2.3**

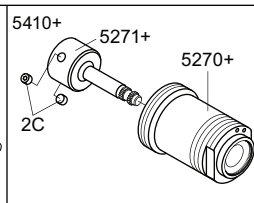
5400VA3



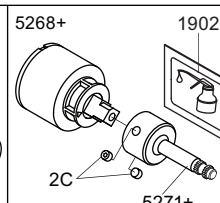
5250+



5410+

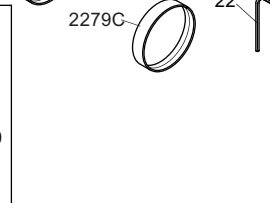


5268+



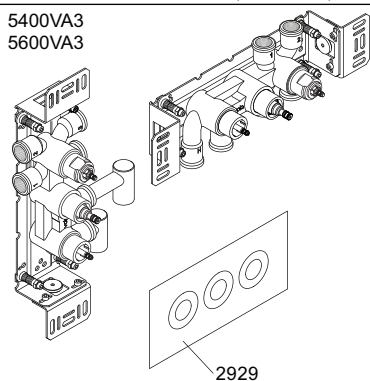
2A\* Color

VR2A-Steel: Standard  
VR2A-F60: F17-F27-F60  
VR2A-F63: F63-F64  
VR2A-F65: F19-F65-F70

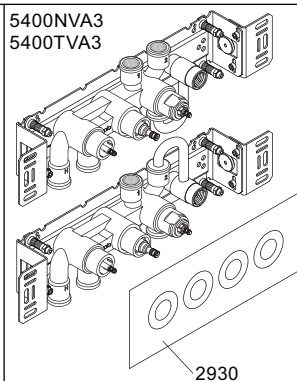


NR51: VR5251, VR2279+B+C, VR2A  
NR52: VR2A, VR5252, VR5253, VR5255, VR5256, VR2279+B+C, VR3113, VR2A  
NR64: VR5251, VR2279+B+C, VR2A  
VR3113: VR3109, VR3110, VR5255  
VR5250+: VR5248+, VR5249+, VR5257, VR5258, VR5259, VR5260  
VR5257+: VR5257+, VR5259+  
VR5258+: VR5258+, VR5260+  
VR5268+: 2xVR2C, VR1902, VR5268, VR5271+  
VR5410+: 2xVR2C, VR5270+, VR5271+

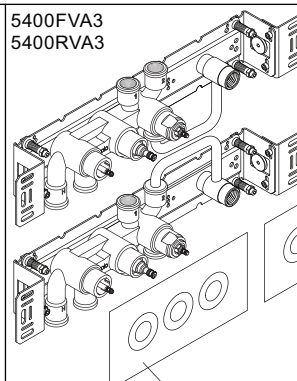
5400VA3  
5600VA3



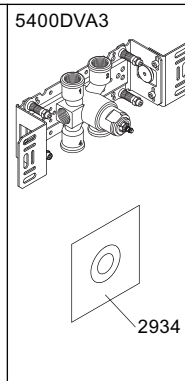
5400NVA3  
5400TVA3



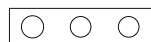
5400FVA3  
5400RVA3



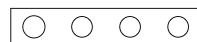
5400DVA3



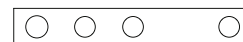
5003B



5004B



5004L



3x2001



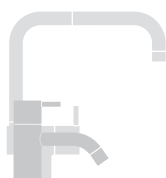
3x2001, 001



3x2001, 001



2001



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**VOLA 5400VA3**  
5400FVA3, 5400NVA3  
5400RVA3, 5400TVA3  
5600VA3

Date  
May 22

Rev.  
6

Sheet  
SB 10.54