

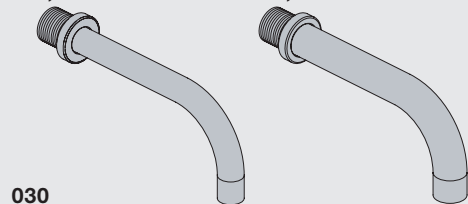
**VOLA 010, 020, 030, 040**  
**VOLA 010C, 020C, 040D**

Fitting instruction  
 Montageanleitung  
 Monteringsvejledning  
 Monteringsvægledning  
 Montage hanleiding  
 Manuel de montage

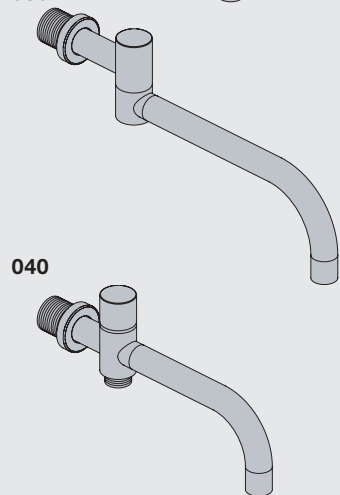


**010, 020**

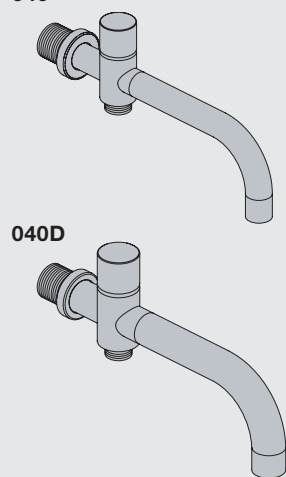
**010C, 020C**



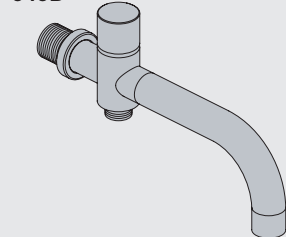
**030**



**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

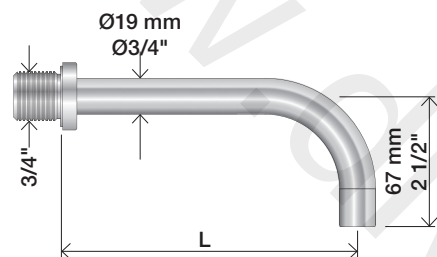


For more water saving possibilities please see:  
 Weitere Wassersparmöglichkeiten finden Sie auf:  
 For flere vandbesparende muligheder se venligst:  
 För mer vattenbesparande möjligheter hänvisas till:  
 Voor meer waterbesparende mogelijkheden zie:  
 Pour plus d'informations sur les options : économie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

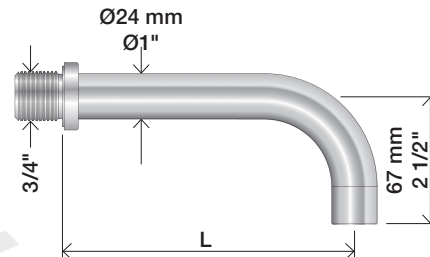
[www.vola.com](http://www.vola.com)



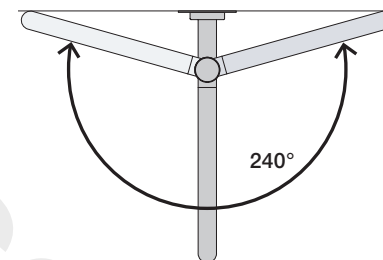
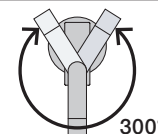
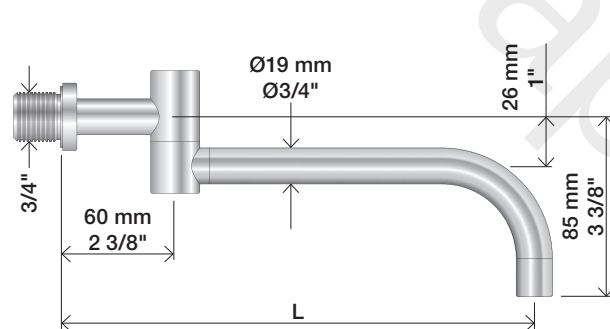
**010, 020**



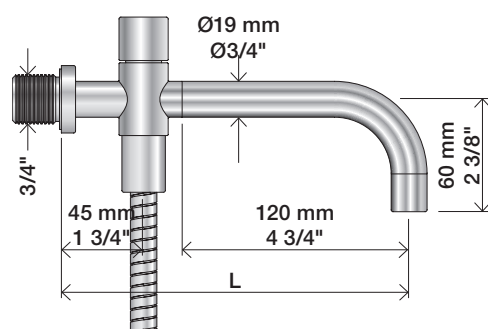
**010C, 020C**



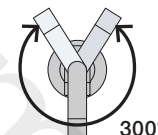
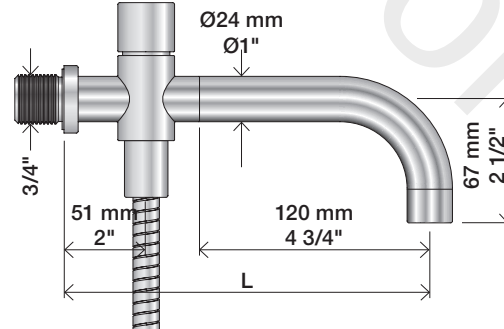
**030**



**040**



**040D**



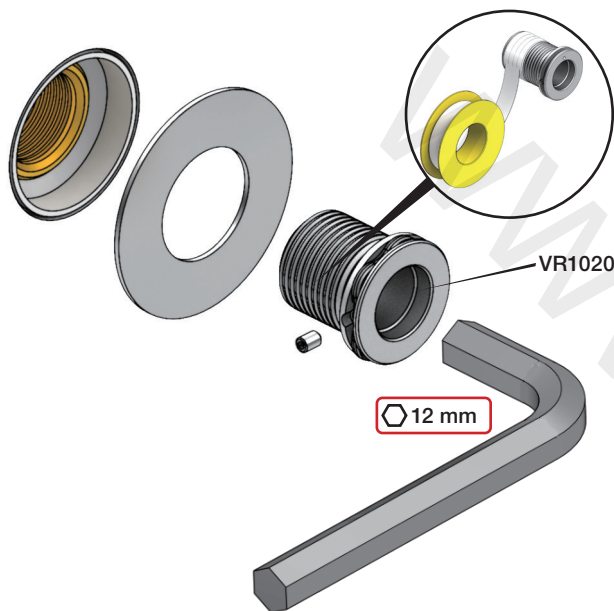
|            | L (mm) | L (Inch) |
|------------|--------|----------|
| 010(C)/100 | 100    | 4"       |
| 010(C)/130 | 130    | 5"       |
| 010(C)/160 | 160    | 6"       |
| 020(C)/200 | 200    | 7 3/4"   |
| 020(C)/225 | 225    | 8 3/4"   |
| 020(C)/260 | 260    | 10 1/4"  |
| 020(C)/300 | 300  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

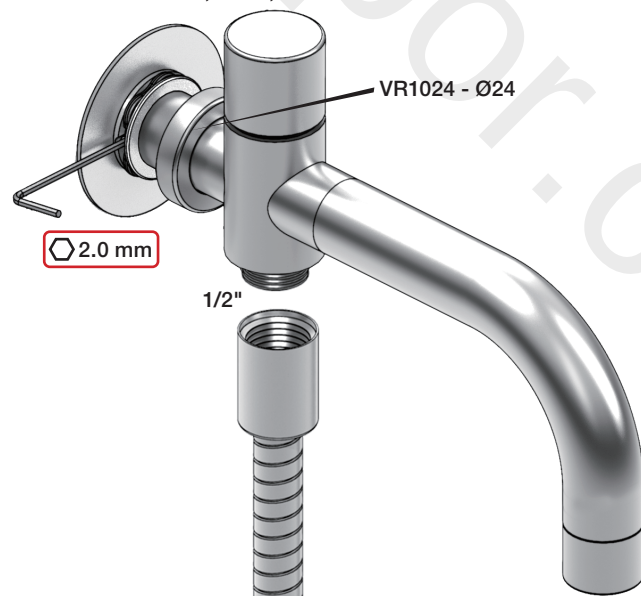
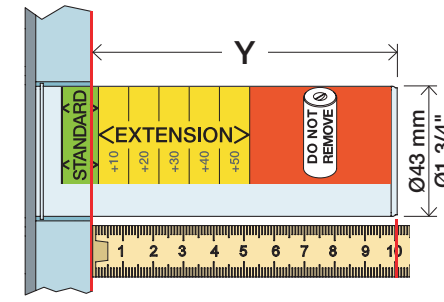
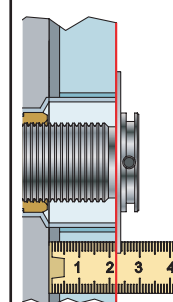


3

Ø19: 010, 020, 030, 040

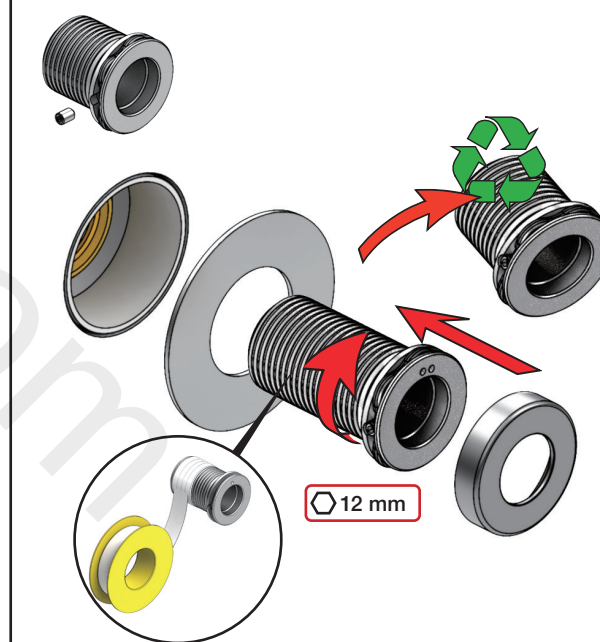


Ø24: 010C, 020C, 040D

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

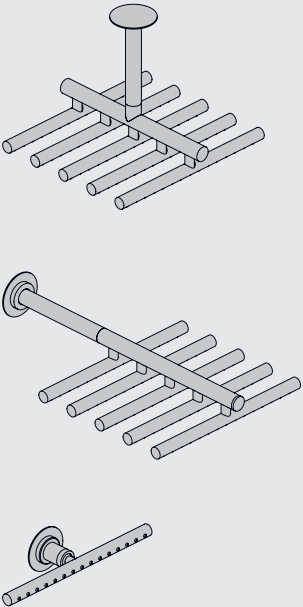
| T          | Y           | VR2019 (Ø19)<br>VR2119 (Ø24) |
|------------|-------------|------------------------------|
| 3 - 15 mm  | 110 - 98 mm | Std.                         |
| 15 - 25 mm | 98 - 88 mm  | +10                          |
| 25 - 35 mm | 88 - 78 mm  | +20                          |
| 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



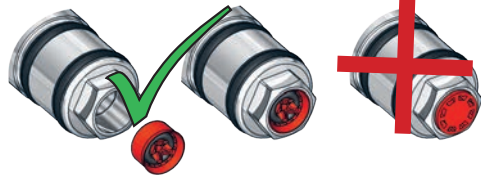
| Data             | Bar:      | 1   | 2   | 3   | 4   | 5   |
|------------------|-----------|-----|-----|-----|-----|-----|
| 051              | (l/min)   | 13  | 19  | 23  | 26  | 30  |
| 051A             | (Gal/min) | 3.5 | 5.0 | 6.1 | 7.0 | 7.8 |
| 051K             | (l/min)   | 5   | 5   | 5  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



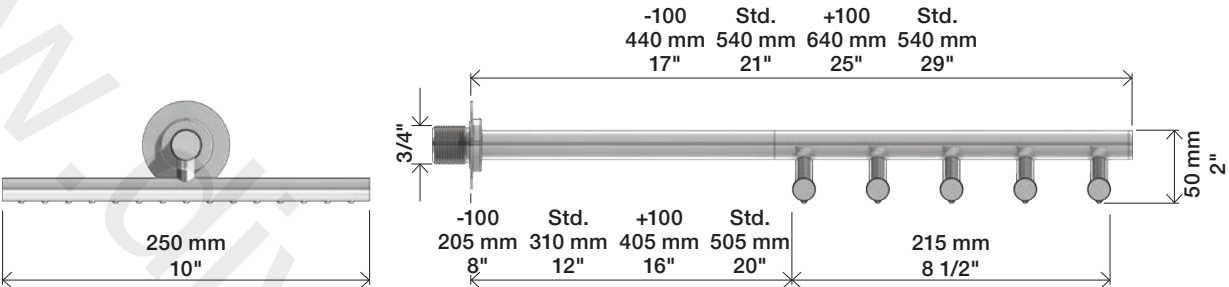
**VR161 - 050, 050A:**  
VR161B: 6 l/min - 1.6 Gal/min  
VR161K: 7 l/min - 1.8 Gal/min  
VR161D: 9 l/min - 2.5 Gal/min  
VR161F: 14 l/min - 3.7 Gal/min



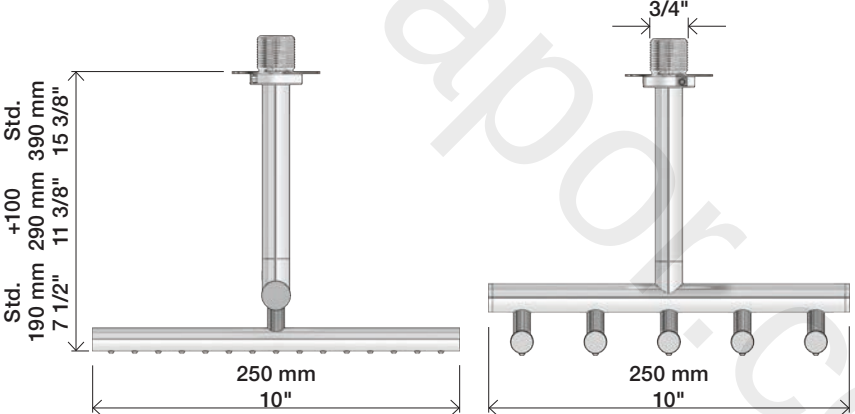
**USA:**  
Max. flow rate:  
1.6 Gal/min.  
6.0 l/min.



050



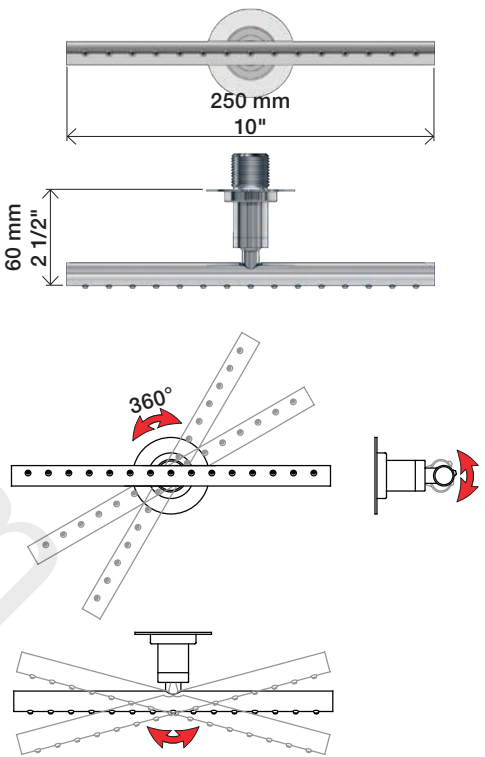
050A



Service - VR556

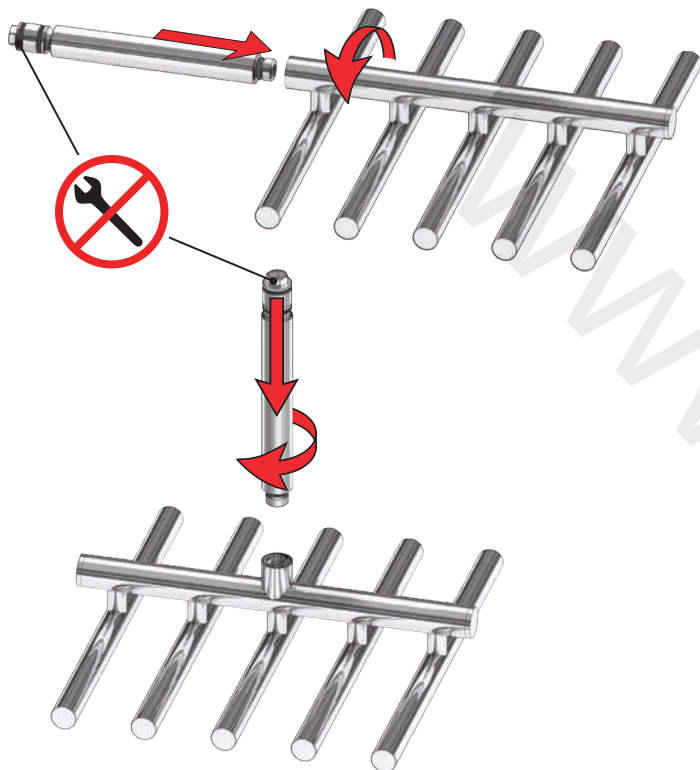


050K

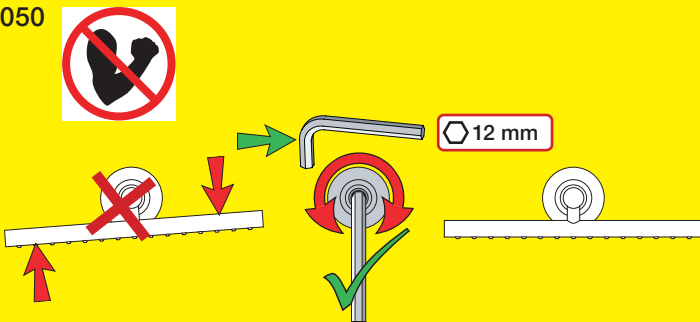




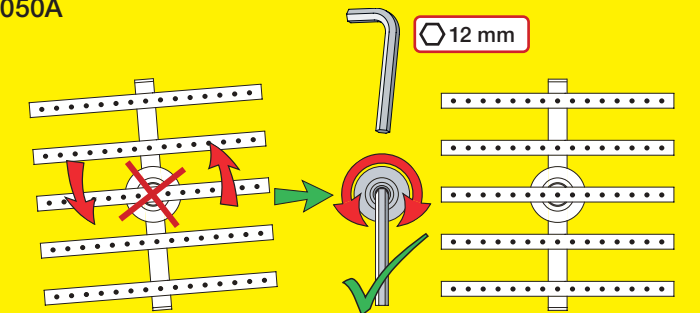
050 + 050A



050



050A



050 & 050A

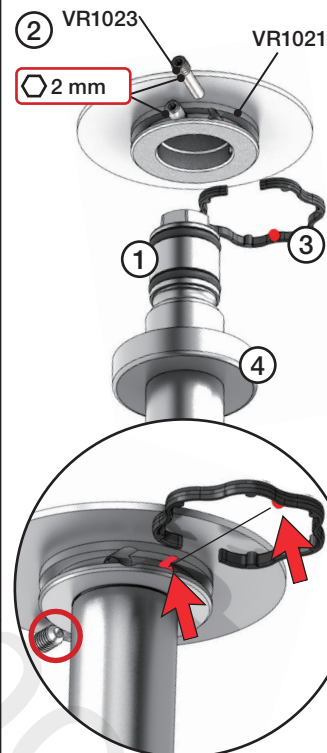


050K



050A

Locking screw  
Sicherungsschraube  
Sikringsskrue  
Fästskruv  
Borgschroef  
Vis de verrouillage



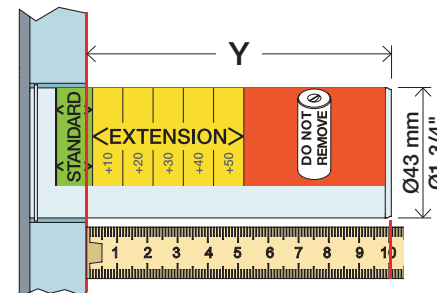
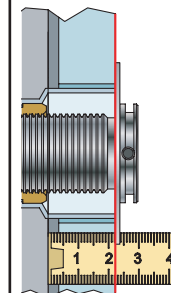
Extension  
Verlängerung

Forlængerdele  
Förlängning

Verlengstukken  
Modification

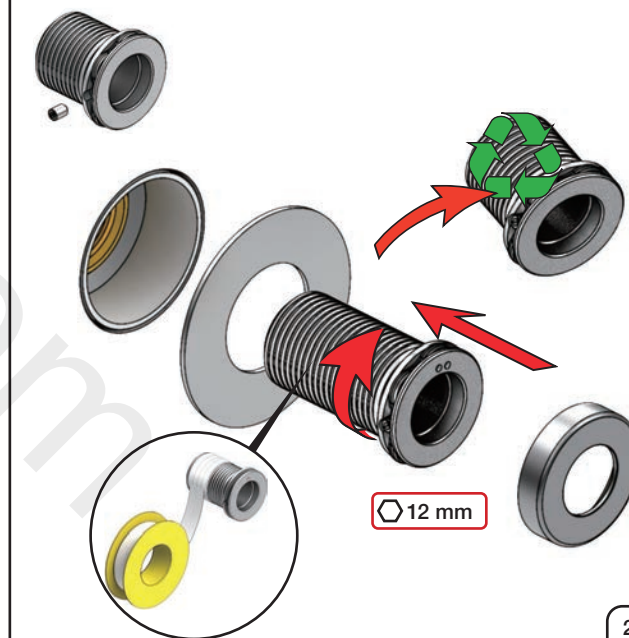
T Min. 3 mm  
Max. 65 mm

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

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

Max. 65°C, 150°F

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.

G1/2"

Skvallerrör

Extension  
Verlängerung  
Forlængerdele  
Förlängning  
Verlengstukken  
Modification

| min. | STANDARD                 | 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:

\* +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  |

| min. | STANDARD                 | 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

| min. | STANDARD                 | 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

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

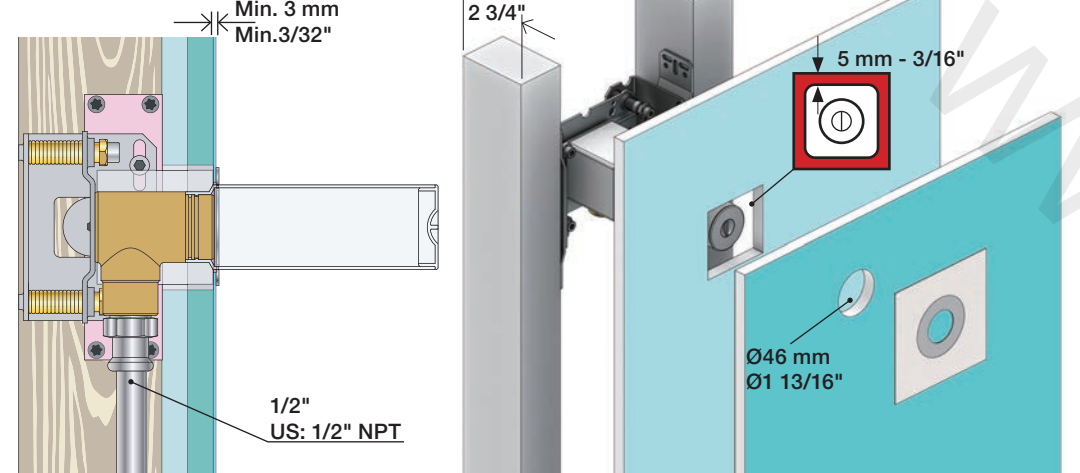
1





**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**



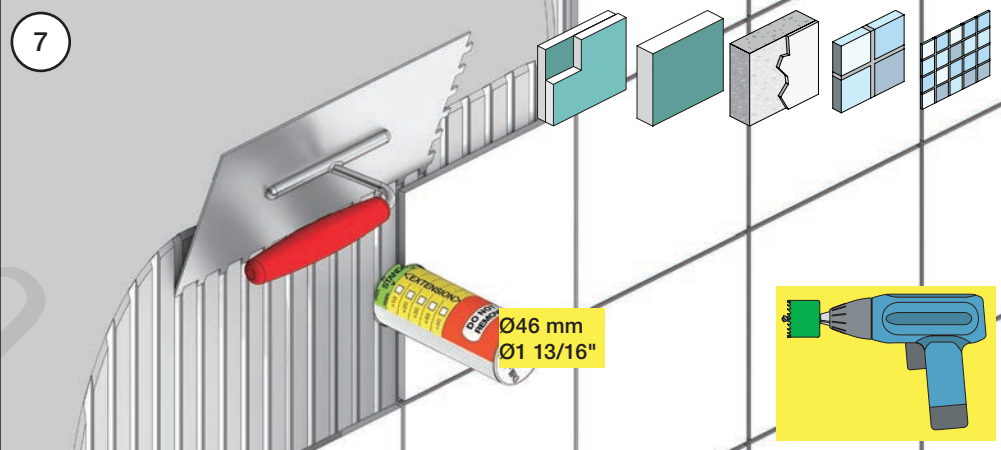
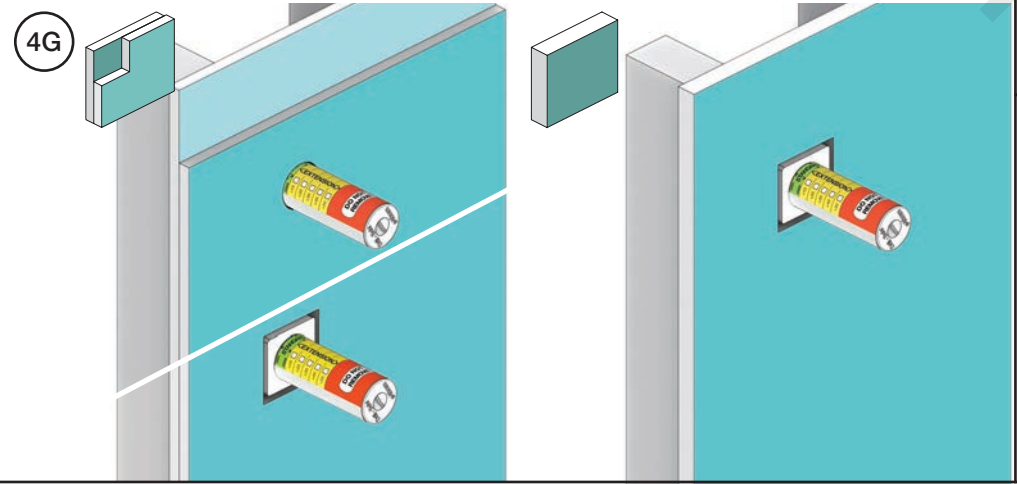
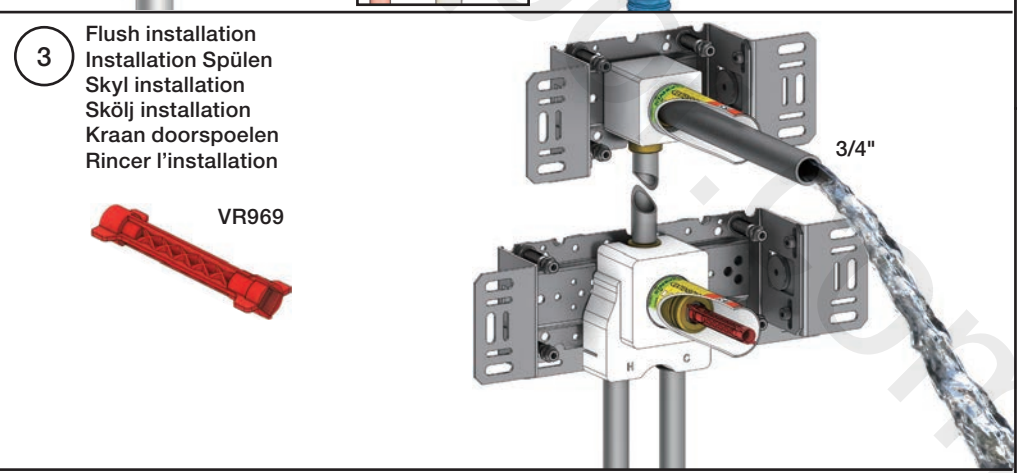
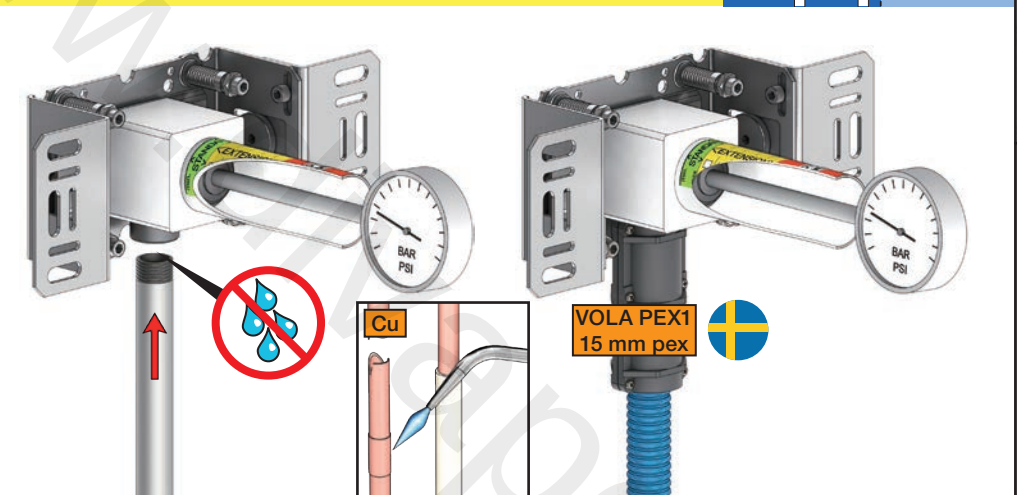
**2**

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



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

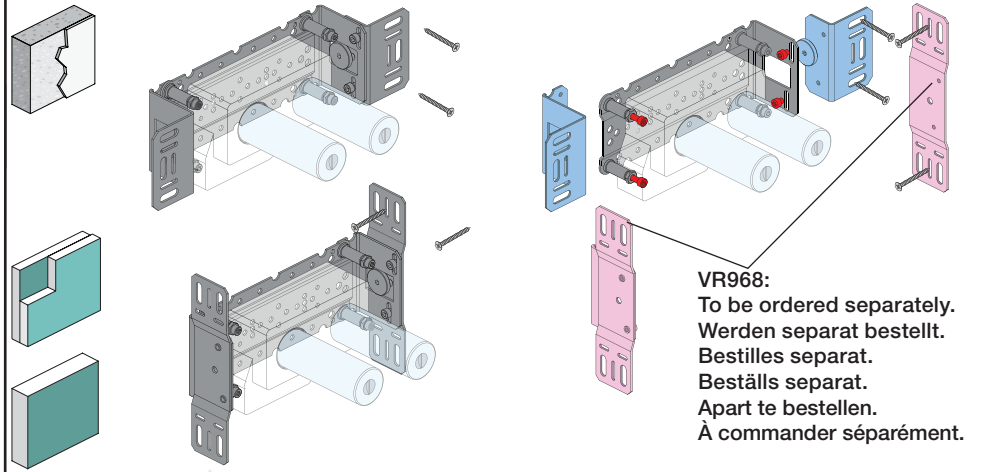
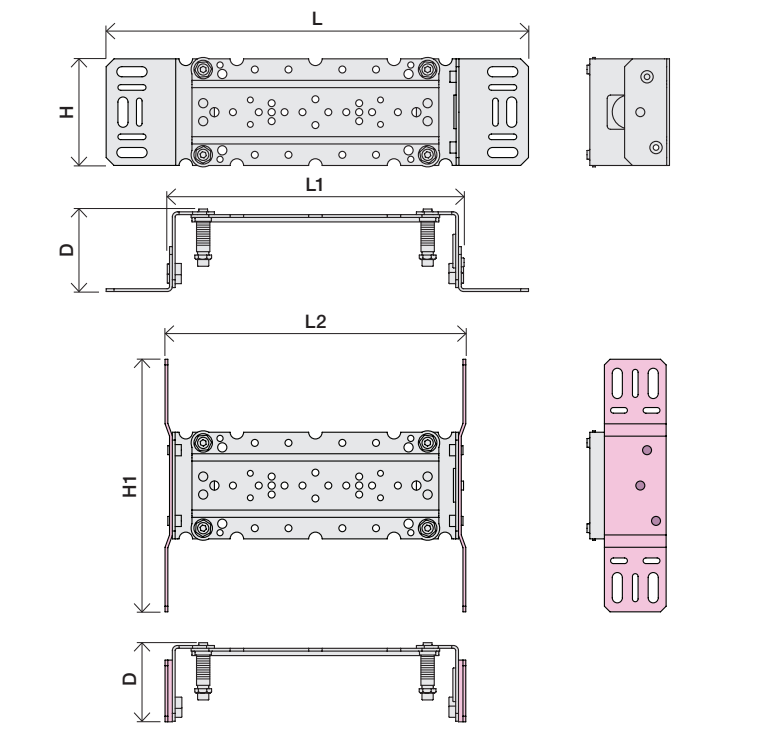
Monteringsvægledning  
Montage hanleiding  
Manuel de montage

www.vola.com

5000\_V4\_40998504  
04-01-2023

5 705230 287317

| vola.com                           | 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: 5400/5600A3: -

5400/5600: - 5400/5600A4: -

| 5400<br>5600 | 5400A3<br>5600A3 | 5400A4<br>5600A4 |          |          |          |          |          |          |          |
|--------------|------------------|------------------|----------|----------|----------|----------|----------|----------|----------|
|              |                  |                  |          |          |          |          |          |          |          |
| 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            | -        | -        | -        | -        | -        | 16/(4.2) | 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

T

Min. 3 mm  
Max 65 mm

Y

Min. 48 mm  
Max. 110 mm

|  | 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

32 mm

14 mm

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

VR2019+, VR2119+

5400/5600:

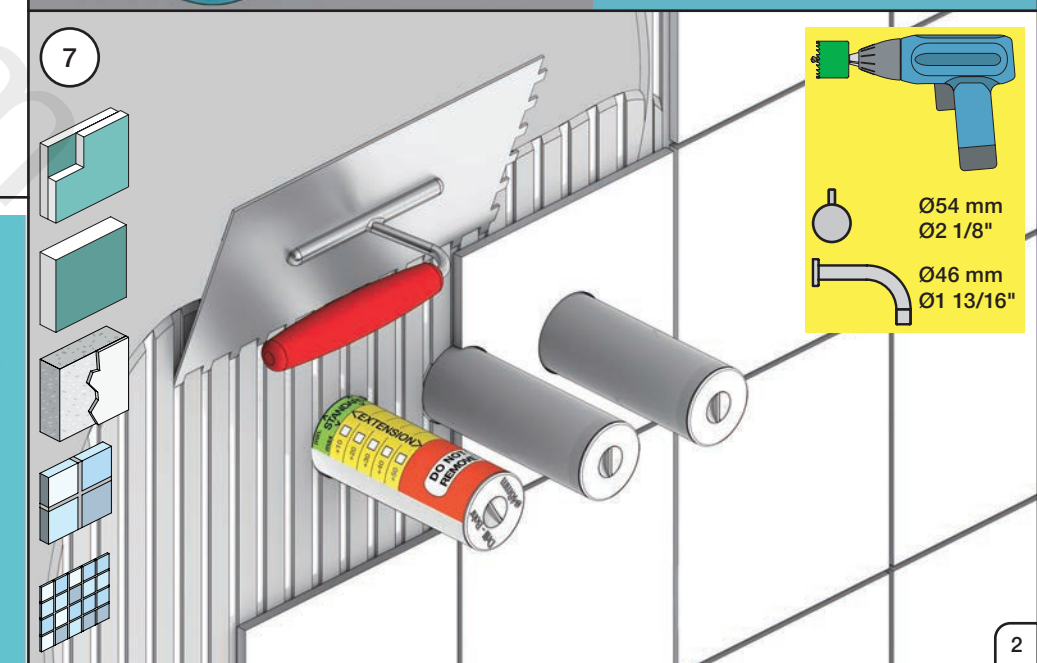
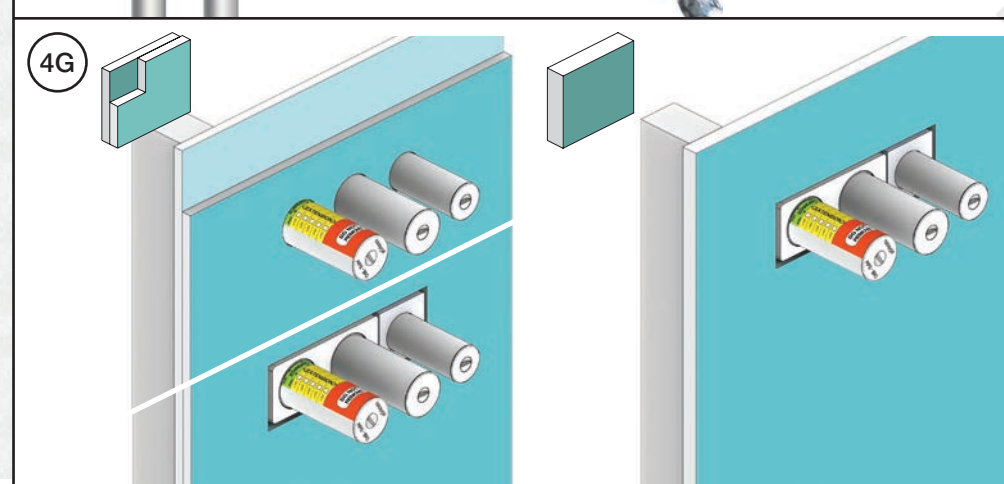
5400A3/ 5600A3:

5400A4:

5600A4:

1







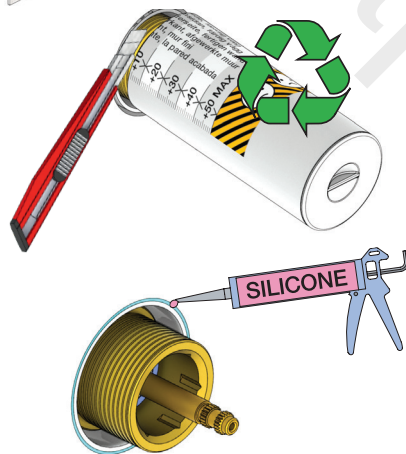
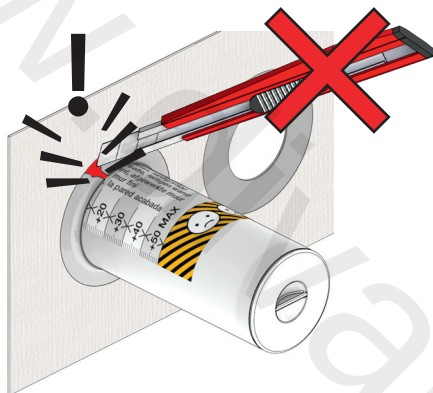
**Do not cut the membrane**  
**Die Membran nicht schneiden**  
**Skær ikke membranen**  
**Skär inte membranet**  
**Snij het membraan niet door**  
**Ne coupez pas la membrane**  
**No cortar la membrana**

NR.51:

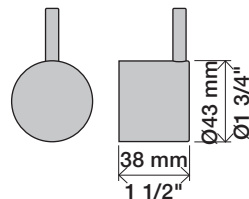
1

NR.52+64:

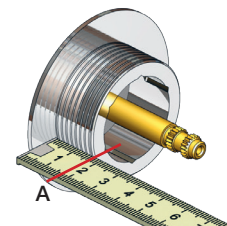
2



NR 51



NR 51 - 1



VR2279

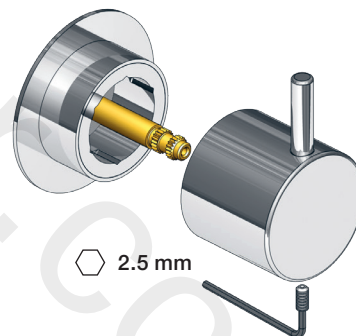
VR2279B

VR2279C



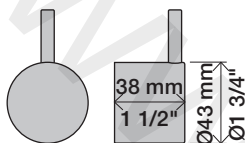
|         |       | A          |
|---------|-------|------------|
| VR2279  | 16 mm | 16 - 22 mm |
| VR2279B | 12 mm | 12 - 18 mm |
| VR2279C | 8 mm  | 8 - 15 mm  |

NR 51 - 2



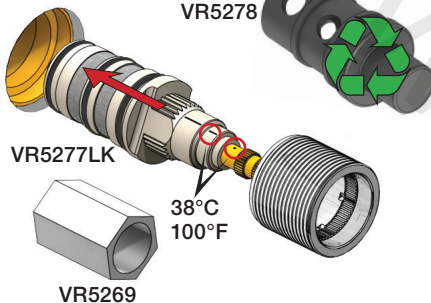


NR 52



NR 52 - 1

VR5278



VR5277LK

38°C  
100°F

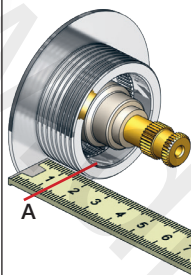
VR5269

NR 52 - 2

VR2279

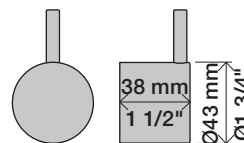
VR2279B

VR2279C



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

NR 64

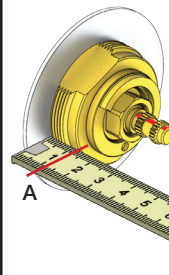


NR 64 - 1

VR2279

VR2279B

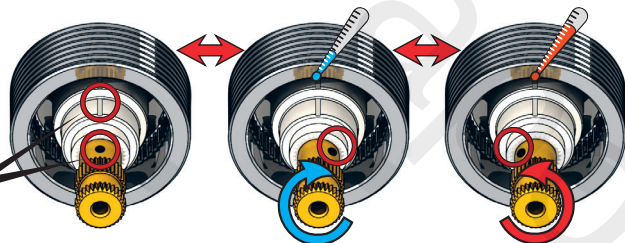
VR2279C



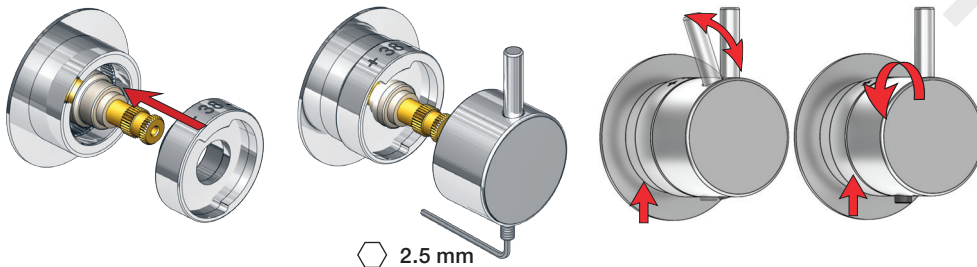
|         | A     |            |
|---------|-------|------------|
| VR2279  | 16 mm | 16 - 22 mm |
| VR2279B | 12 mm | 12 - 18 mm |
| VR2279C | 8 mm  | 8 - 15 mm  |

NR 52 - 3

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

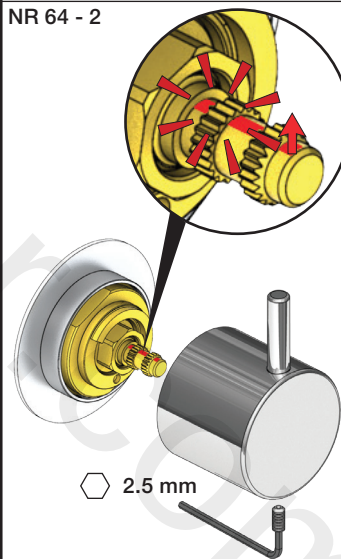
38°C  
100°F

NR 52 - 4



2.5 mm

NR 64 - 2



2.5 mm

5400

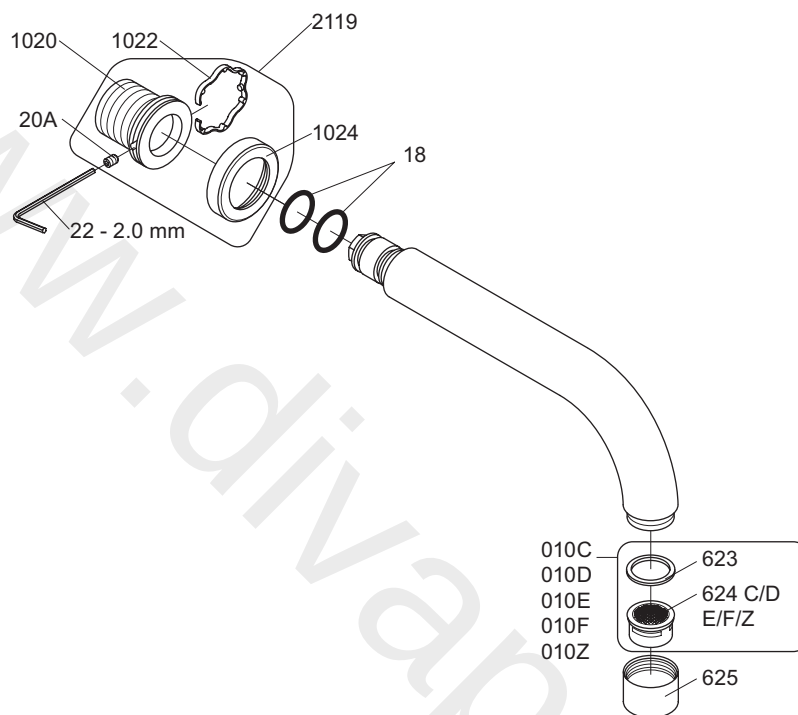


5400VA3



5400VA4





|          |                                     |
|----------|-------------------------------------|
| VR010C:  | VR623, VR624C                       |
| VR010D:  | VR623, VR624D                       |
| VR010E:  | VR623, VR624E                       |
| VR010F:  | VR623, VR624F                       |
| VR010Z:  | VR623, VR624Z                       |
| VR1020K: | VR20A, VR22, VR1020, VR1022         |
| VR2119:  | VR20A, VR22, VR1020, VR1022, VR1024 |



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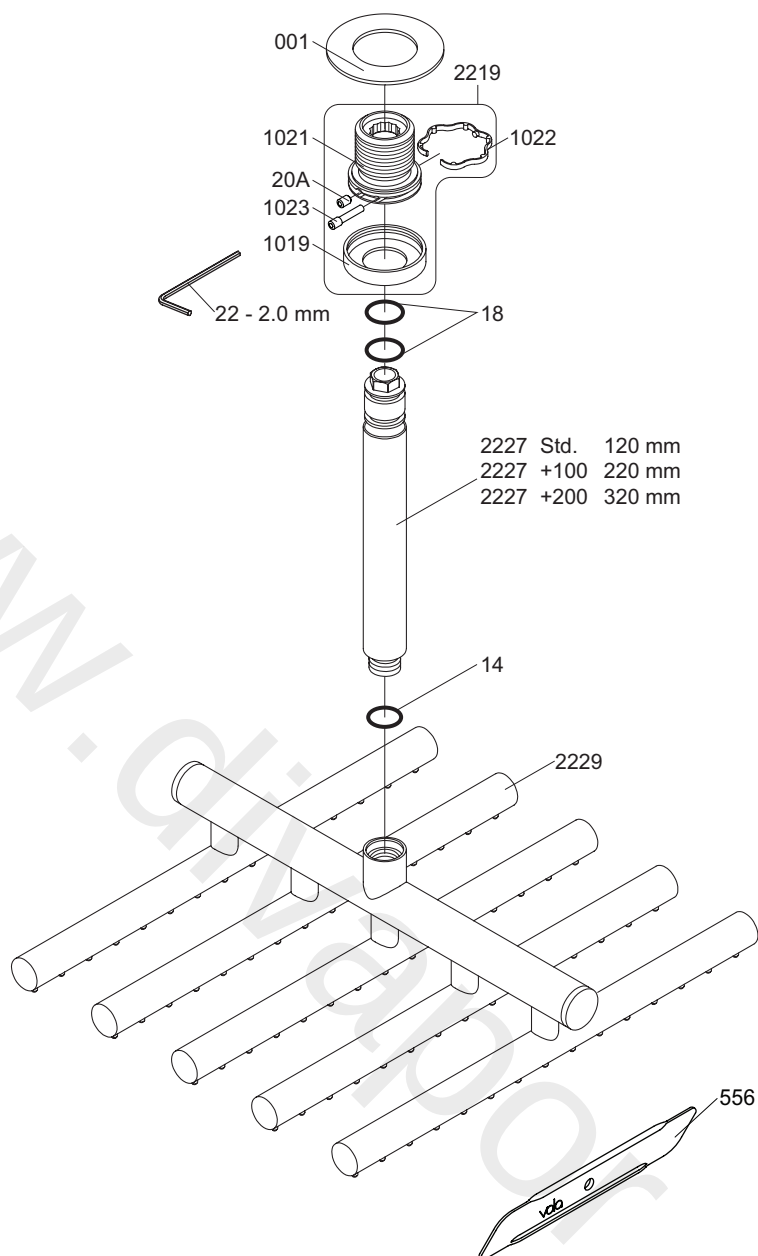
## VOLA 010C/020C

Date  
 Apr. 21

Rev.  
 2

Sheet  
 SB 11.1





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



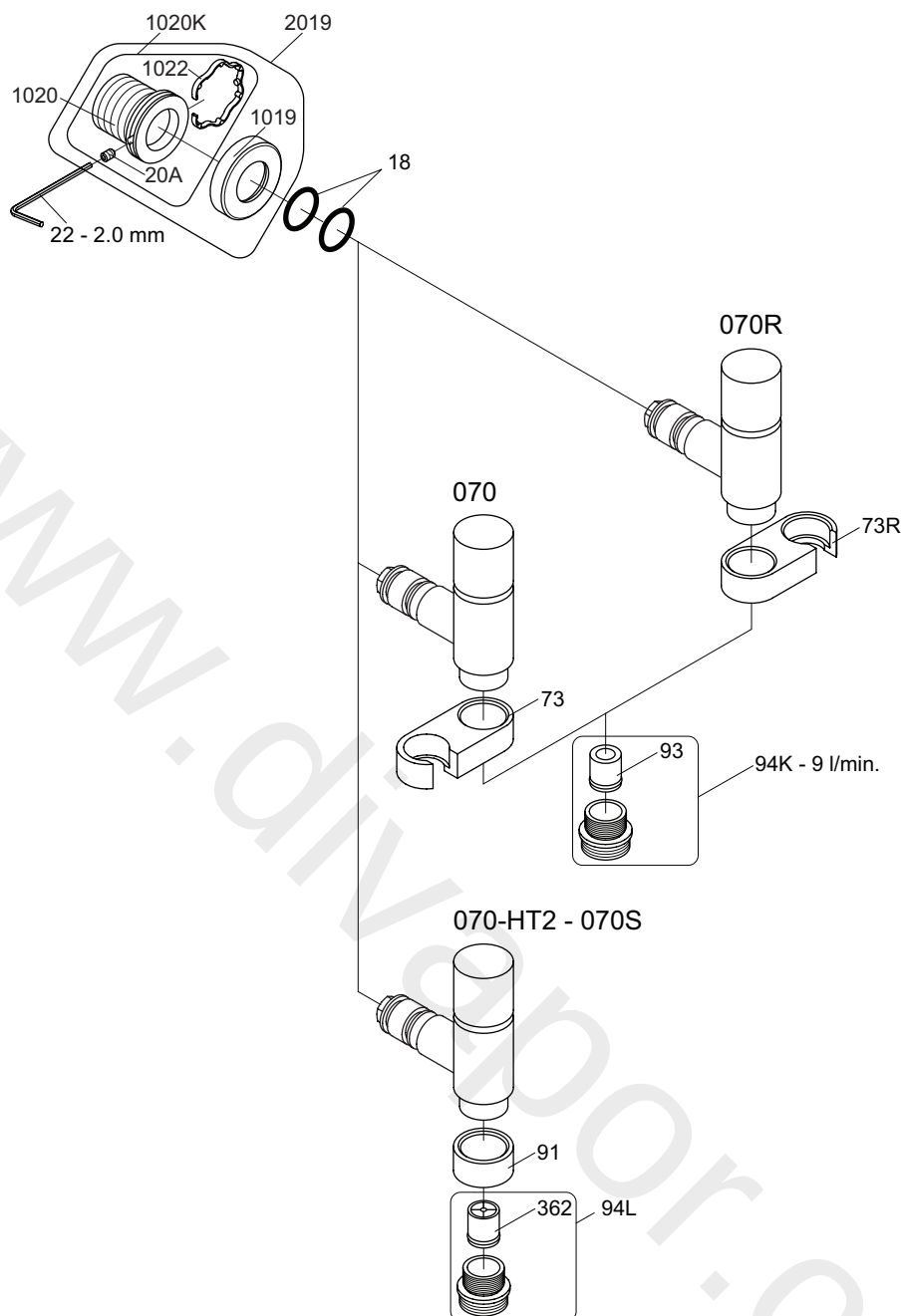
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**VOLA 050A**

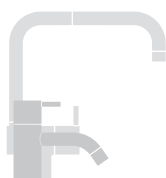
Date  
 Apr. 21

Rev.  
**3**

Sheet  
**SB 14.2**



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



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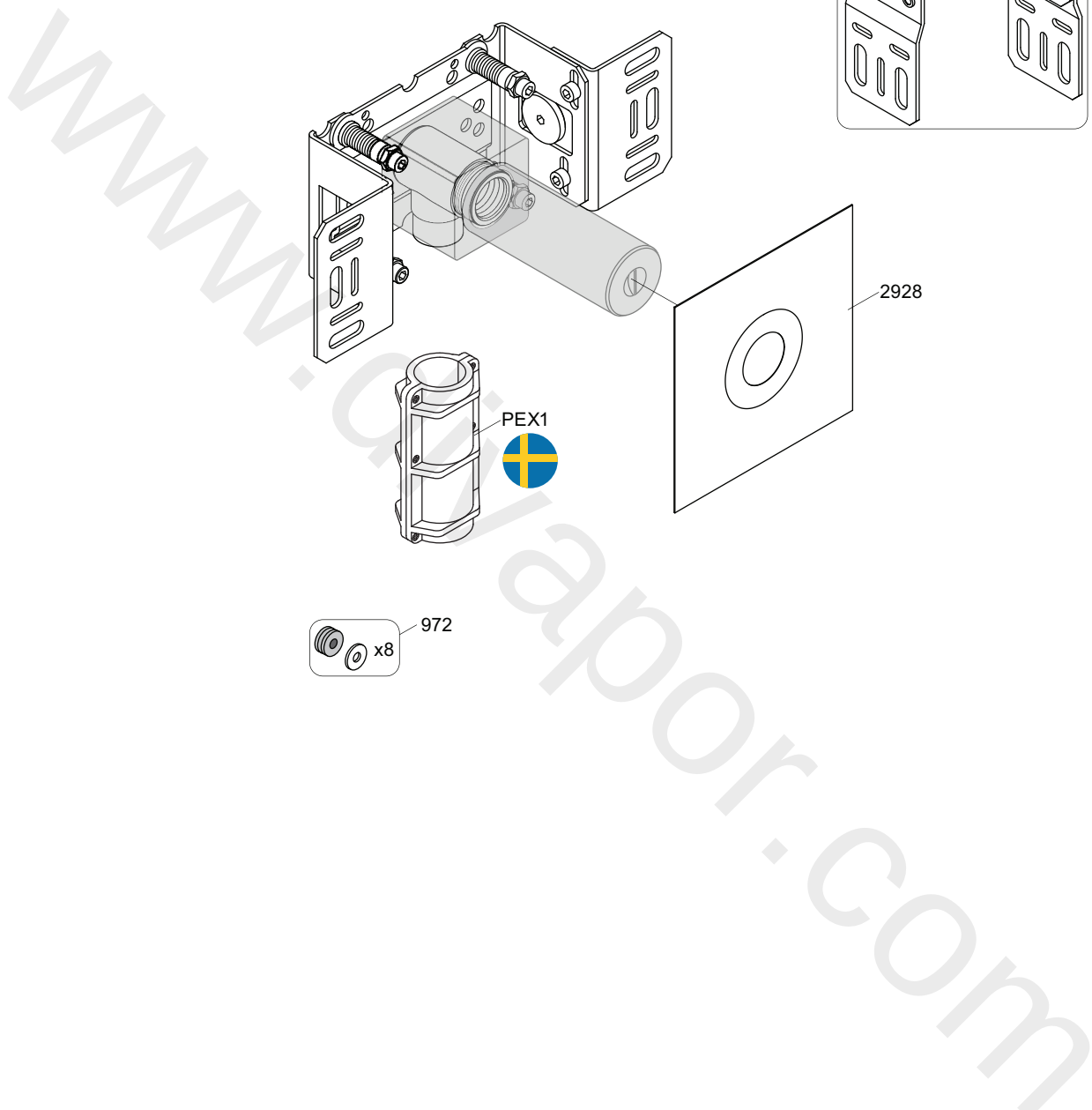
## VOLA 070, 070R 070-HT2

Date  
 Apr. 21

Rev.  
 5

Sheet  
 SB 16

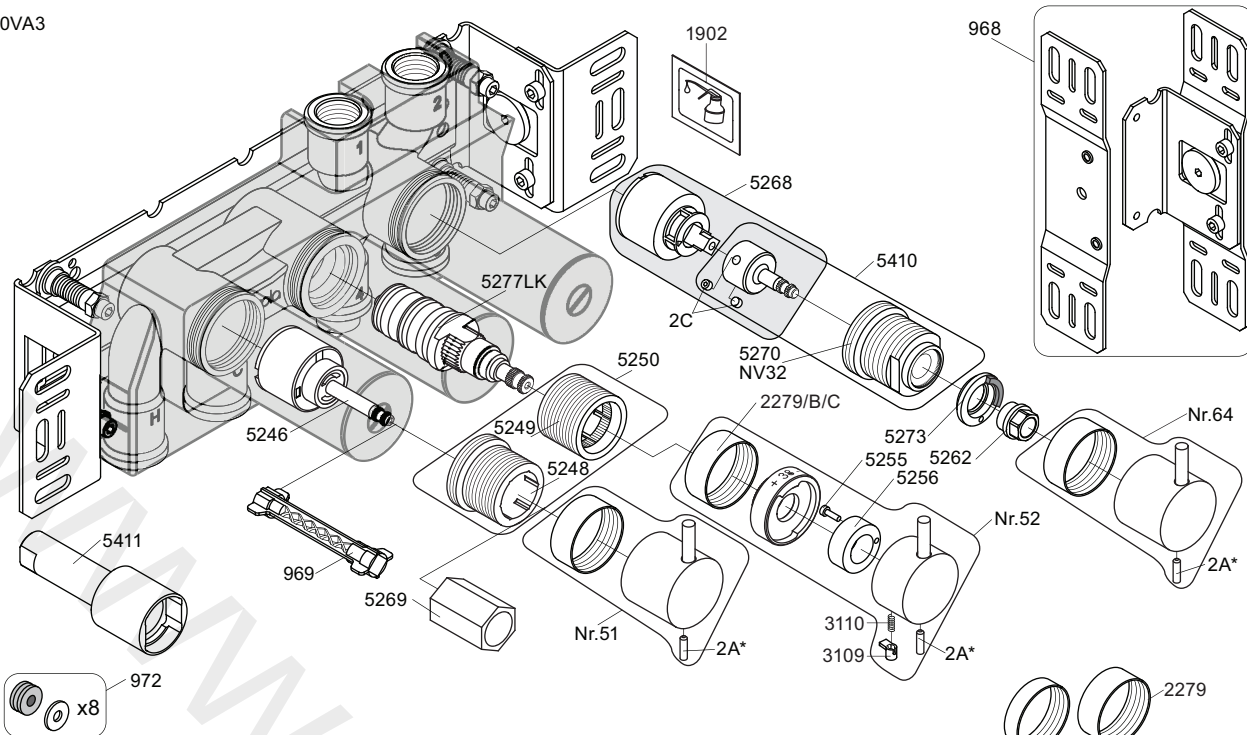




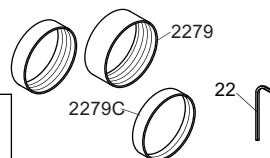
# VOLA 200M

Sheet  
**SB 2.3**

5400VA3

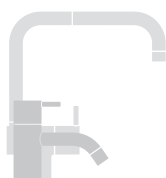


|                                                             |                      |                     |                                                                                                           |
|-------------------------------------------------------------|----------------------|---------------------|-----------------------------------------------------------------------------------------------------------|
| 5250+<br>5248+<br>5257+<br>5249+<br>5258+<br>5260+<br>5259+ | 5410+<br>2C<br>5270+ | 5268+<br>2C<br>1902 | 2A*  Color<br>VR2A-Steel: Standard<br>VR2A-F60: F17-F27-F60<br>VR2A-F63: F63-F64<br>VR2A-F65: F19-F65-F70 |
|-------------------------------------------------------------|----------------------|---------------------|-----------------------------------------------------------------------------------------------------------|



|          |                                                        |
|----------|--------------------------------------------------------|
| NR51:    | VR5251, VR2279+B+C, VR2A                               |
| NR52:    | VR2A, VR5252, VR5253, VR5255, VR5256, VR2279+B+C, 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                                 |
| VR5410+: | 2xVR2C, VR5270+                                        |

|                                |                                  |                                  |                      |
|--------------------------------|----------------------------------|----------------------------------|----------------------|
| 5400VA3<br>5600VA3<br><br>2929 | 5400NVA3<br>5400TVA3<br><br>2930 | 5400FVA3<br>5400RVA3<br><br>2929 | 5400DVA3<br><br>2934 |
| <br>5003B                      | <br>5004B                        | <br>5004L                        |                      |
| <br>3x2001                     | <br>3x2001, 001                  | <br>3x2001, 001                  | <br>2001             |



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

Date  
May 22

Rev.  
6

Sheet  
SB 10.54