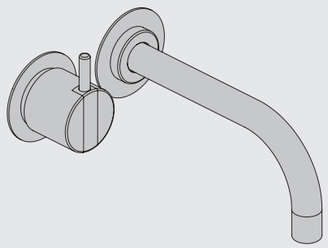
VOLA 100, 100X, 200, 200V, 300
VOLA 400DV, 400, 400V, 400N, 400NV, 400T
VOLA 400TV, 400F, 400FV, 400R, 400RV
VOLA 2100, 2100X, 2200, 2200V, 2300, 2400
VOLA 2400V, 2400N, 2400NV, 2400T, 2400TV
VOLA 2400F, 2400FV, 2400R, 2400RV

Fitting instruction — Monteringsvägledning
Montageanleitung — Montage hanleiding
Monteringsvejledning — Manuel de montage

GODKENDT TIL DRIKKEVAND

04/00029
04/00031
04/00055



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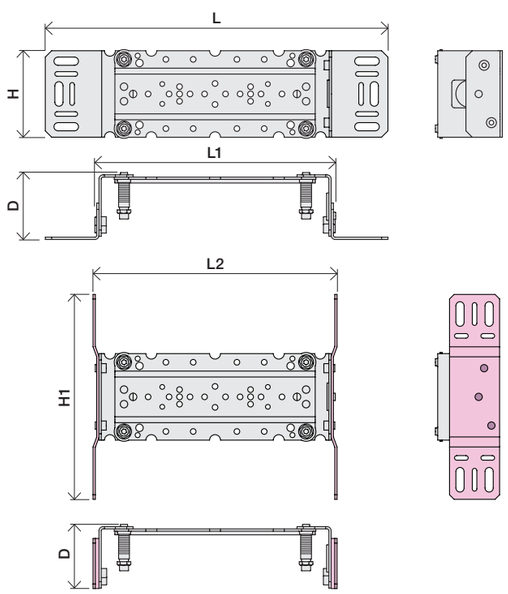
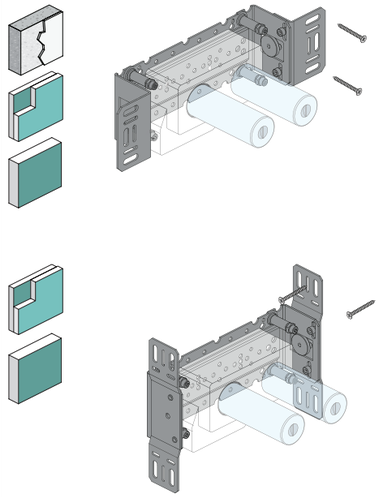
100-2100_V3_40998502
09-01-2024

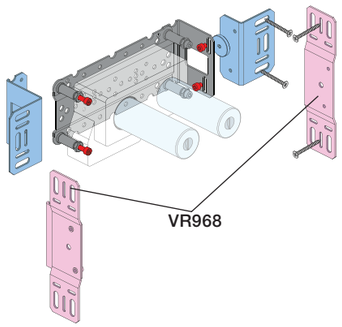
5 705230 286211

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

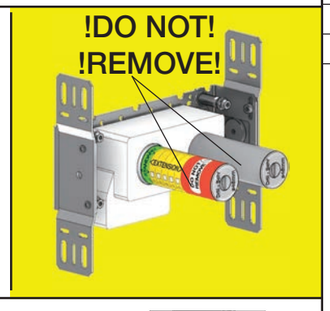
| | l/min. | Gal/min. |
|---|---|---|
| 100: | 18,3 | 4.8 |
| 400V: | 15,6 | 4.1 |
| 2100: | 25,2 | 6.7 |
| 2400V: | 22,2 | 5.9 |

Max. 65°C, 150°F

Max.: 10 Bar/145 psi

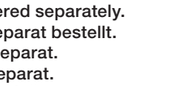
B

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

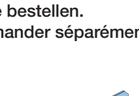



C

DE:
Bitte separat beiliegende Anleitung für die Schalldämpfer VR1249 beachten



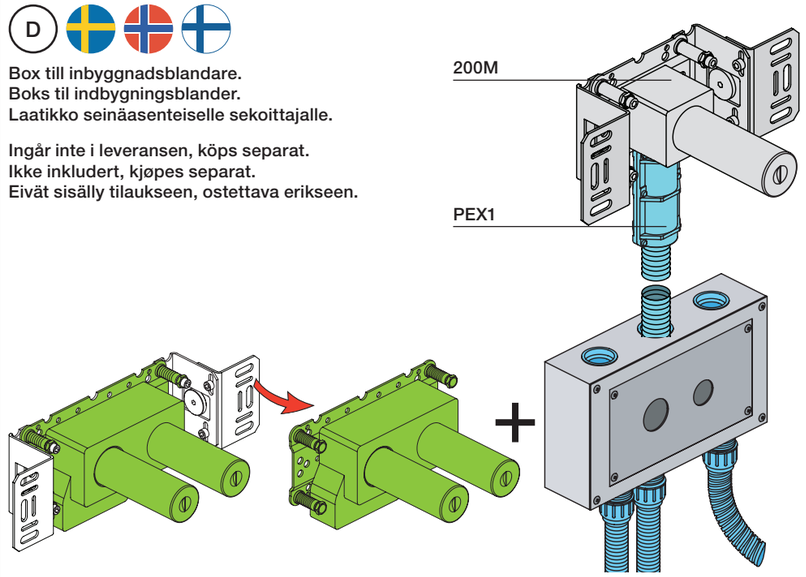
DE:
Bitte separat beiliegende Anleitung für die Schallentkopplung VR972 beachten



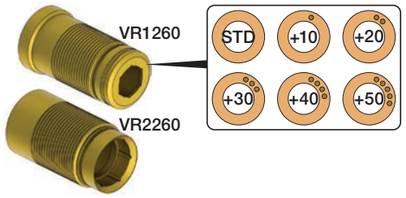
D

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

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

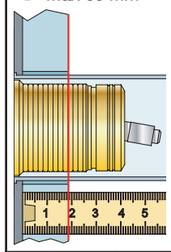



Extension
Verlängerung
Forlængerdele
Förlängning
Aanpassing
Modification

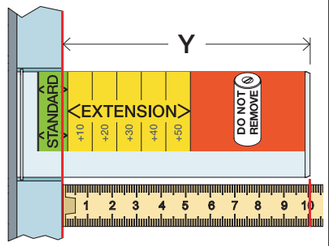



Extension, retrofit
Verlängerung, nachträglicher Einbau
Forlængerdele, eftermontering
Förlängning, eftermontering
Aanpassing na montage
Modification aprés installation

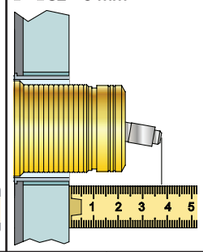
T Min. 3 mm
Max 65 mm



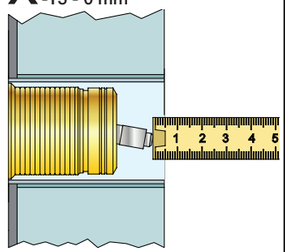
Y Min. 48 mm
Max. 110 mm




X 52 - 0 mm



X -15 - 0 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 |

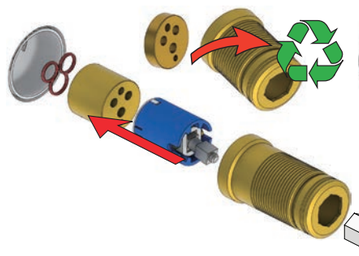
| X | VR1260 + VR1400 + VR2019 |
|---|---|
| 40 - 52 mm | Std. |
| 30 - 40 mm | +10 |
| 20 - 30 mm | +20 |
| 10 - 20 mm | +30 |
| 0 - 10 mm | +40 |
| -10 - 0 mm | +50 |

| 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 |

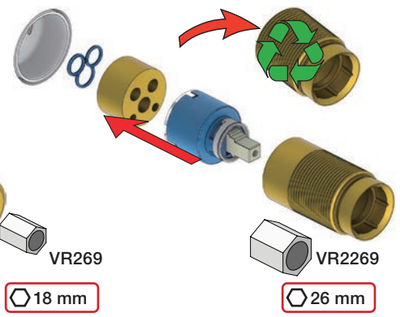
Fitting of extension
Montage von verlängerung
Montering af forlængerdele

Montering av förlängning
Montage van de verlengstukken
Montage des rallonges

VR1260+

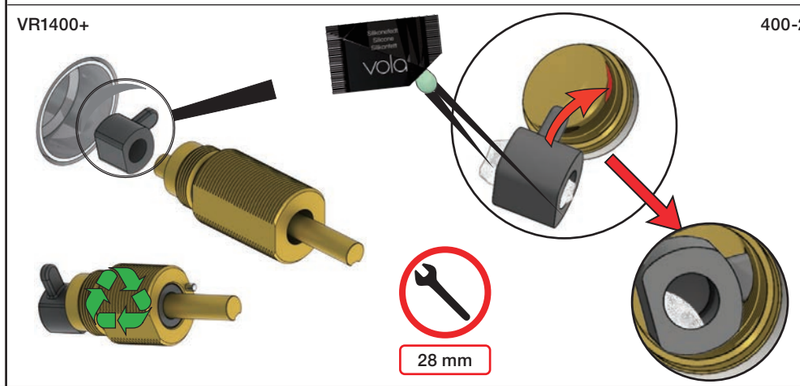



VR2260+

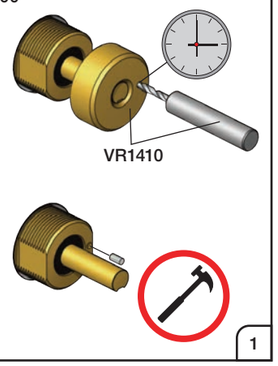



VR2019+, VR2119+

VR1400+




400-2400



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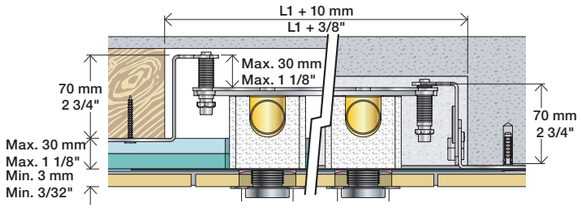
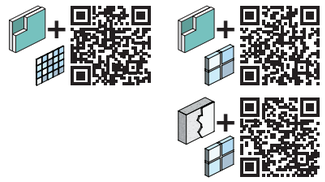
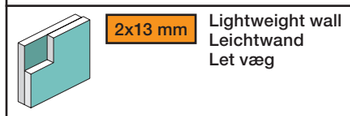


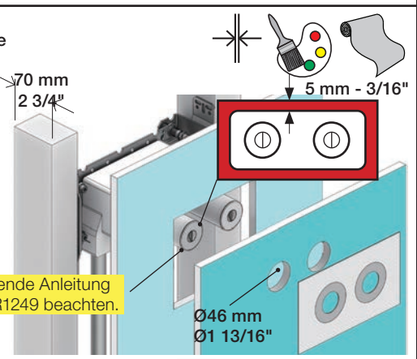



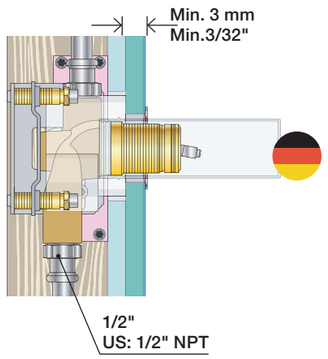


2x13 mm

Lightweight wall
Leichtwand
Let væg

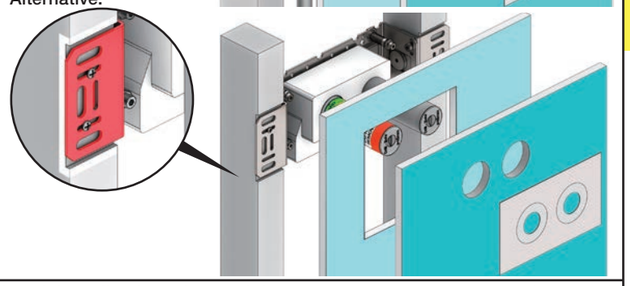
Lätta konstruktion
Holle wandconstructie
Construction légére

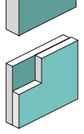



DE: Bitte separat beiliegende Anleitung für die Schalldämpfer VR1249 beachten.

Alternative:





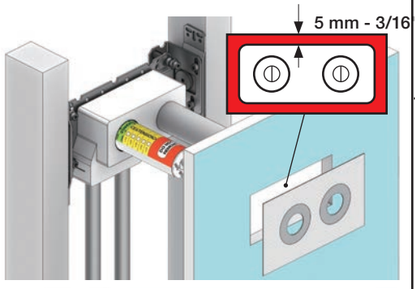
1x15 mm
1x18 mm
1x20 mm

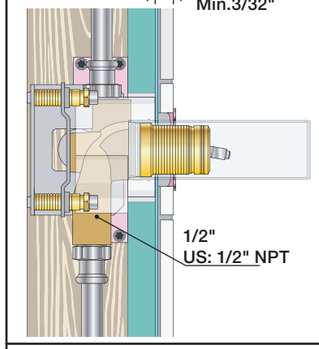
2x13 mm

Lightweight wall
Leichtwand
Let væg

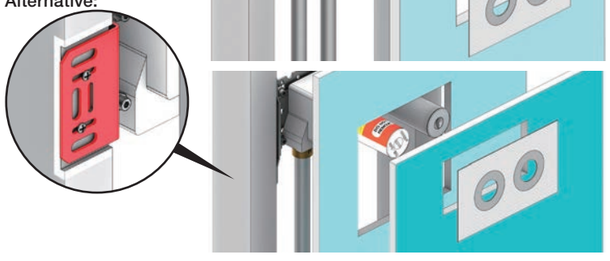
Lätta konstruktion
Holle wandconstructie
Construction légére

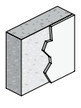




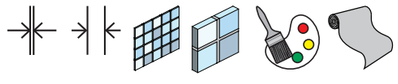

Alternative:

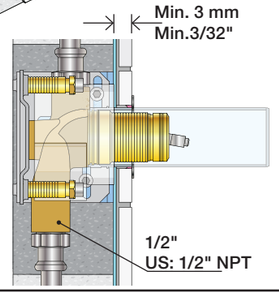




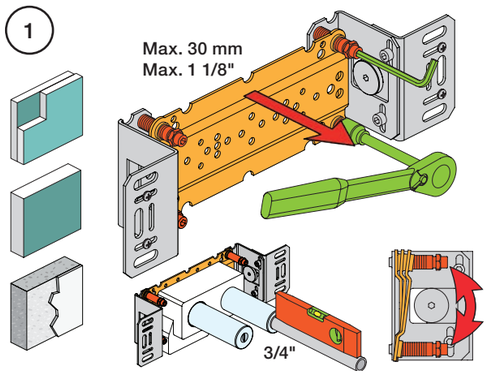
Masonry
Mauerwerk
Murværk

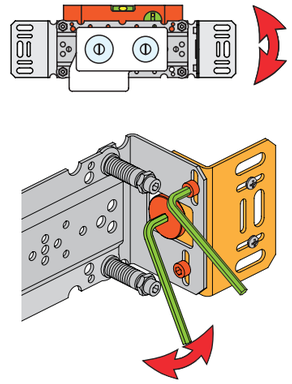
Murverk
Massieve wand
Mur Plein



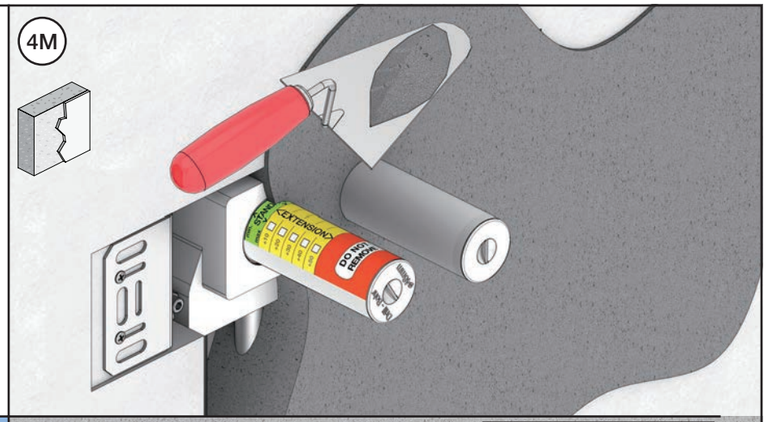


1



4M



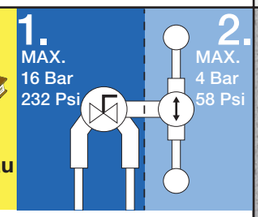
2

Test Pressure
Prüfdruck
testtryk
Test tryck
Test druk
test de pression

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

BAR
PSI

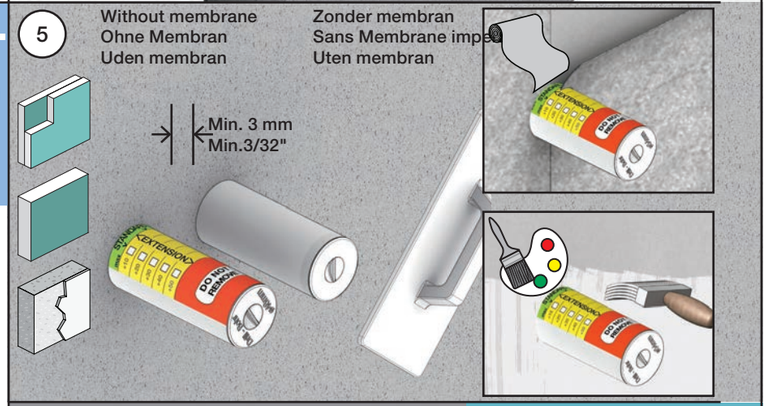
! Water - Wasser - Vand - Vatten - Water - L´eau
! MAX 1 Minute - Minut - Minuut !

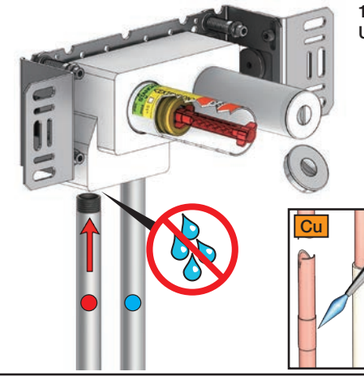



5

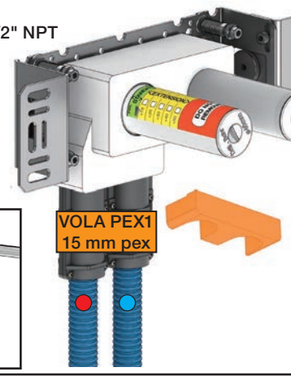
Without membrane
Ohne Membran
Uden membran

Zonder membran
Sans Membrane imper
Uten membran



1/2"
US: 1/2" NPT



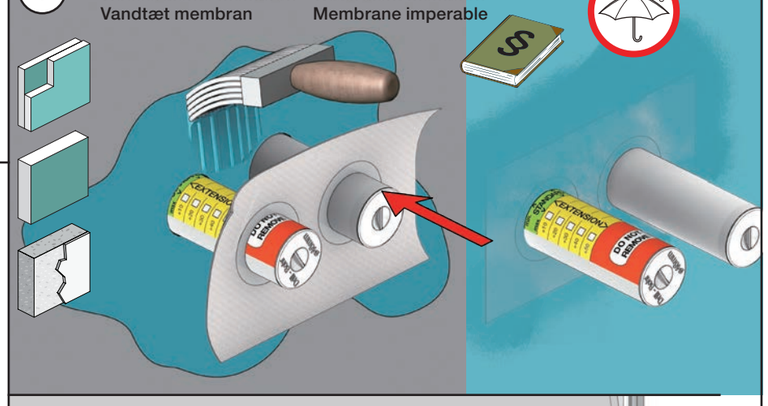




6

Waterproof membrane
Wasserdichte Membran
Vandtæt membran

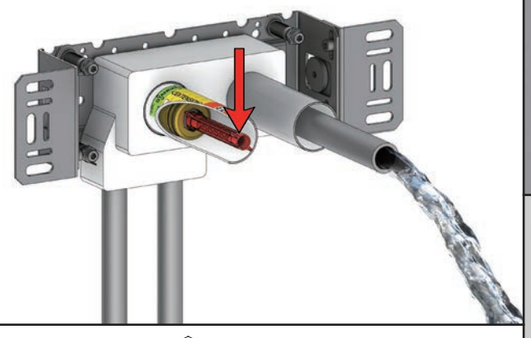
Vattentät membran
Waterdicht membrane
Membrane imperable



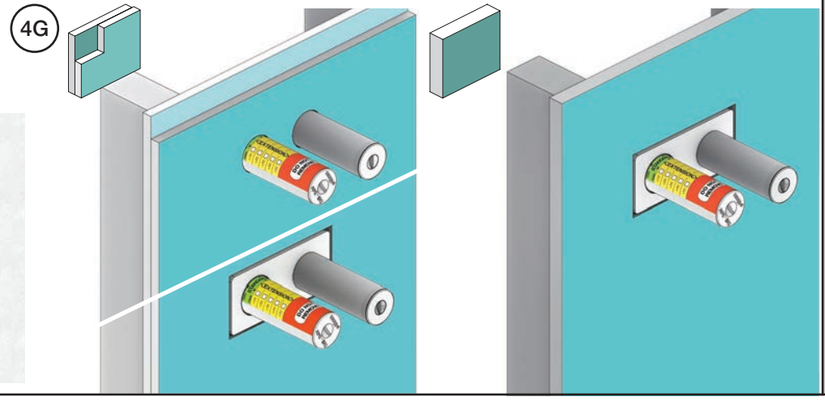
3

Flush installation
Installation Spülen
Skyl installation
Skölj installation
Kraan doorspoelen
Rincer l'installation

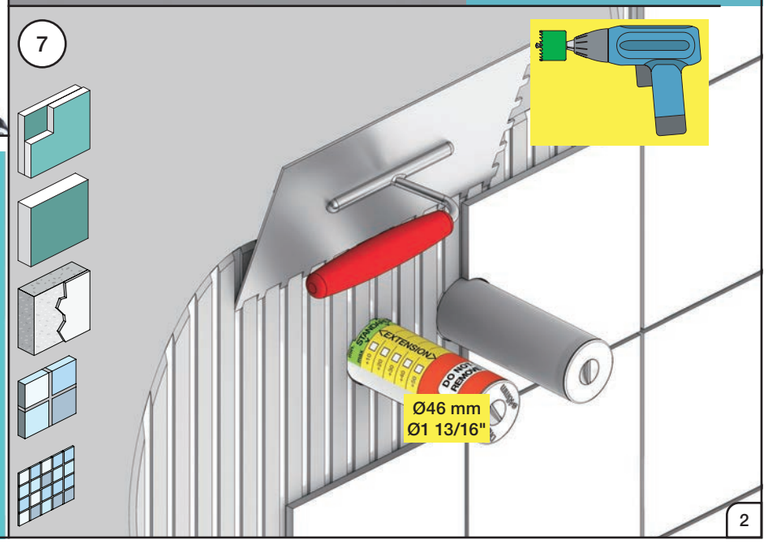
VR969



4G

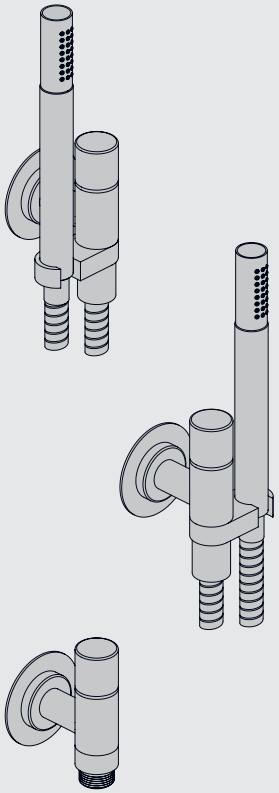


7



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

Fitting instruction
Montageanleitung
Monteringsvejledning
Monteringsvägledning
Montage hanleiding
Manuel de montage



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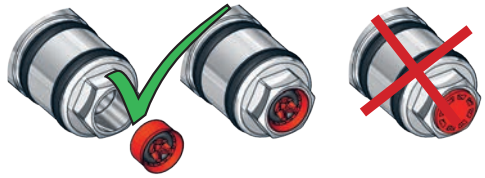
mnt_070_V1_40998357
02-08-2023

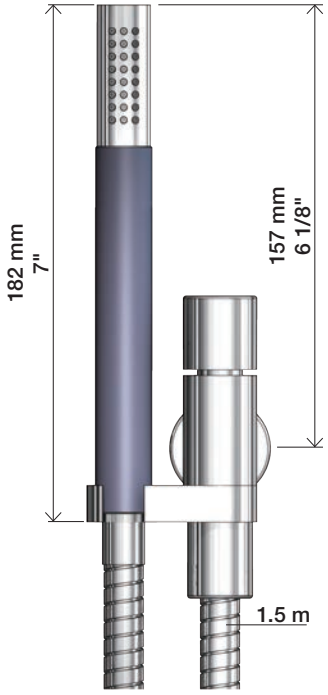
5 705230 341804

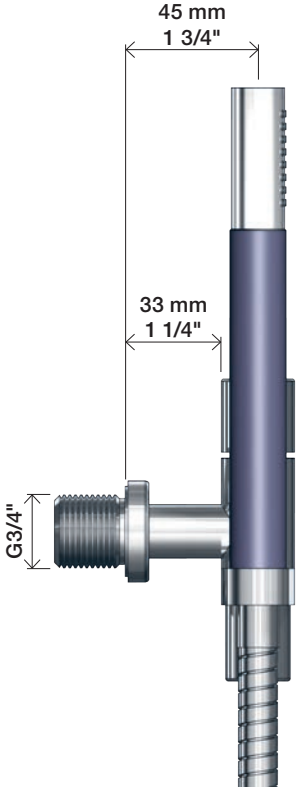
| Data | Bar: | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|---|
| 070/070R | (l/min)<br>(Gal/min) | 9<br>2.5 | 9<br>2.5 | 9<br>2.5 | 9<br>2.5 | 9<br>2.5 |
| 070-HT2 | (l/min)<br>(Gal/min) | 9<br>2.5 | 12<br>3.2 | 15<br>4.0 | 17<br>4.5 | 19<br>5 |
| | Max. 65°C. 150°F | | | | | |

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

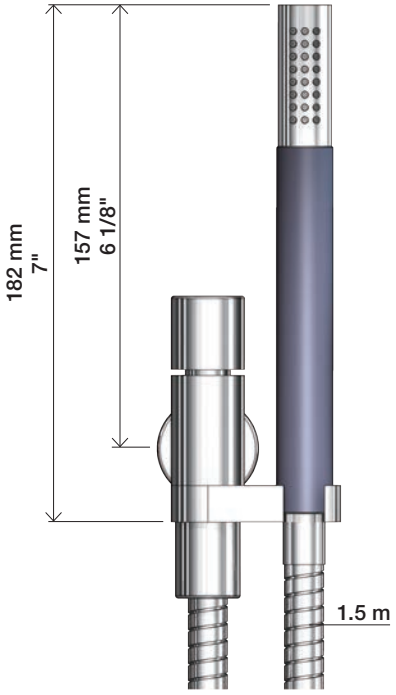


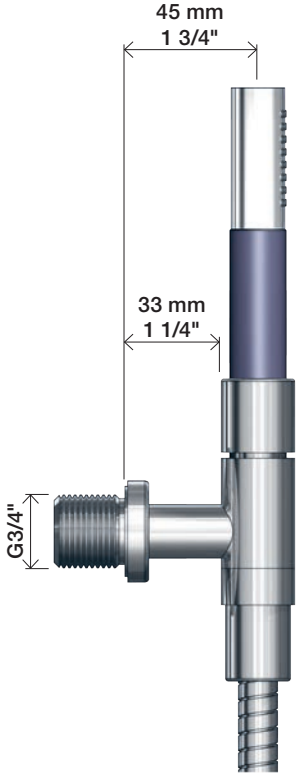
## 070



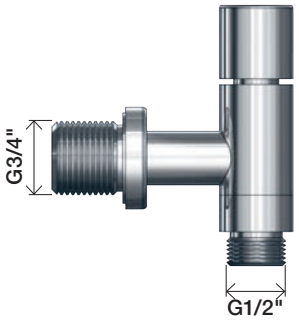




## 070R

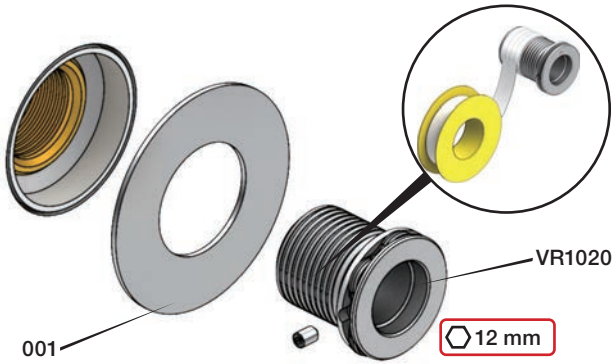


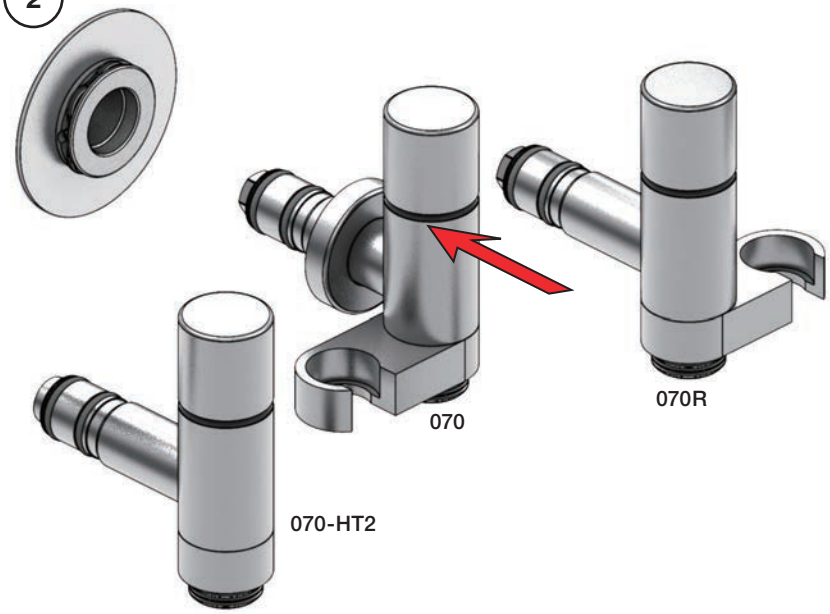

## 070-HT2



1

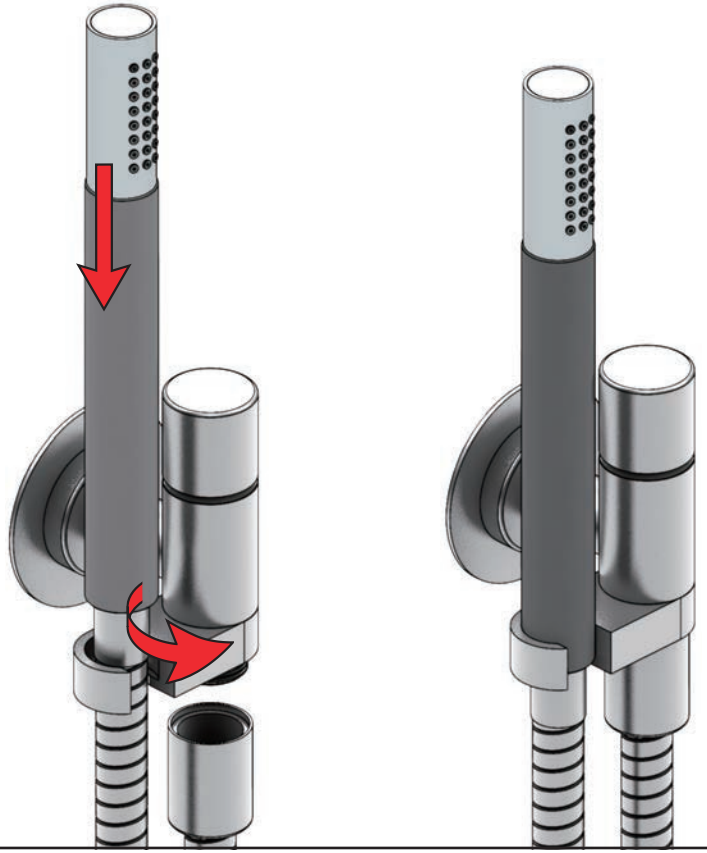



2




3

2

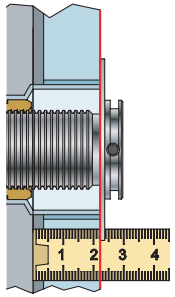


Extension
Verlängerung

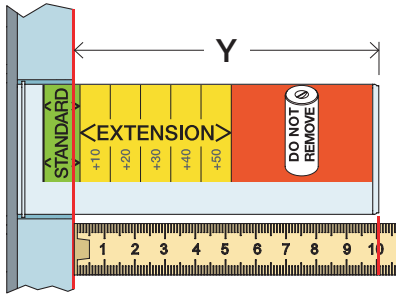
Forlængerdele
Förlängning

Verlengstukken
Modification

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

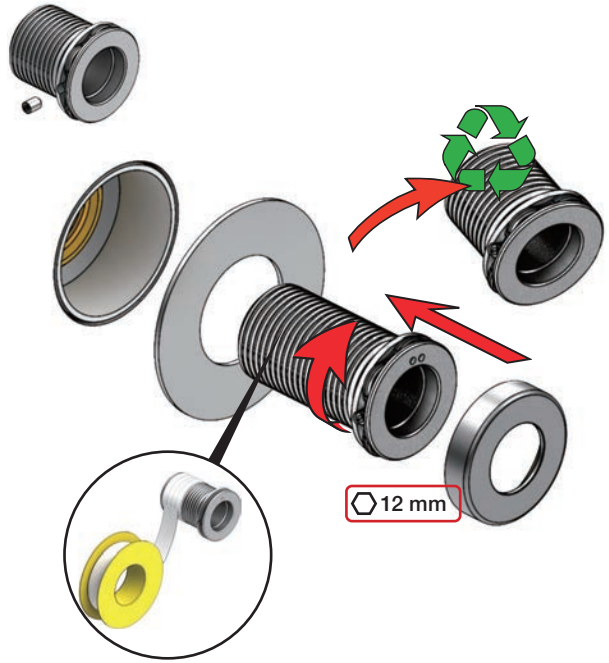



**Y** Min. 48 mm
Max. 110 mm



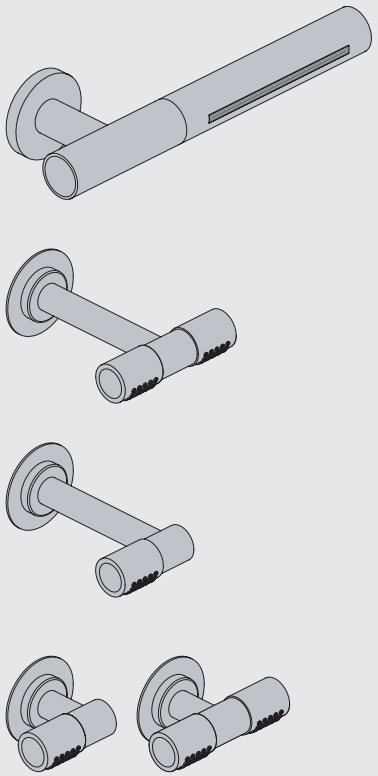

| T | Y | VR2019 |
|---|---|---|
| 3 - 15 mm | 110 - 98 mm | Std. |
| 15 - 25 mm | 98 - 88 mm | +10 |
| 25 - 35 mm | 88 - 78 mm | +20 |
| 35 - 45 mm | 78 - 68 mm | +30 |
| 45 - 55 mm | 68 - 58 mm | +40 |
| 55 - 65 mm | 58 - 48 mm | +50 |

VR2019+



**VOLA 080, 080D, 080DK, 080K, 080W**

Fitting instruction
Montageanleitung
Monteringsvejledning
Monteringsvägledning
Montage hanleiding
Manuel de montage



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mnt_080_V1_40998355

5 705230 341507

| Data | Bar: | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|---|
| 081/081K | (l/min)<br>(Gal/min) | 8<br>2.1 | 12<br>3.2 | 14<br>3.7 | 17<br>4.5 | 19<br>5.0 |
| 081D | (l/min)<br>(Gal/min) | 14<br>3.7 | 20<br>5.3 | 25<br>6.6 | 29<br>7.7 | 32<br>8.5 |
| 080W | (l/min)<br>(Gal/min) | 23<br>6.1 | 33<br>8.6 | 40<br>11 | 46<br>12 | 52<br>14 |
| | Max. 65°C. 150°F | | | | | |

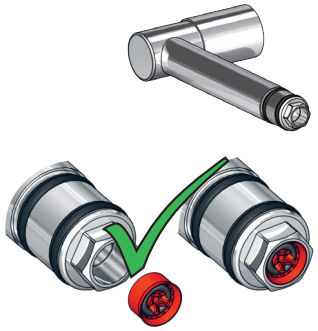
**VR161:**
VR161K: 7 l/min - 1.8 Gal/min
VR161D: 9 l/min - 2.5 Gal/min
VR161F: 14 l/min - 3.7 Gal/min

VR161K

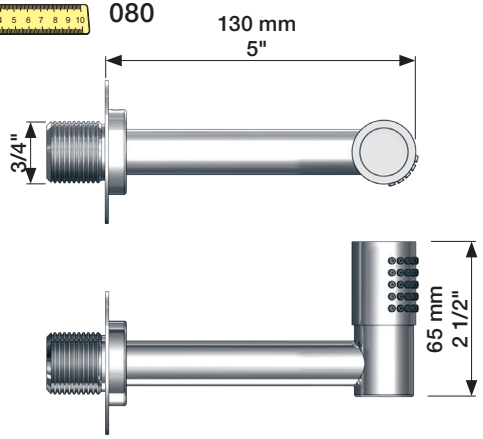
VR161D

VR161F

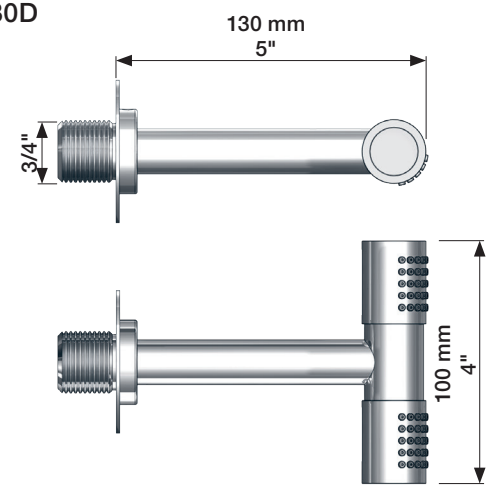
**080W: Min. flow: 14 l/min - 3.7 Gal/min.**



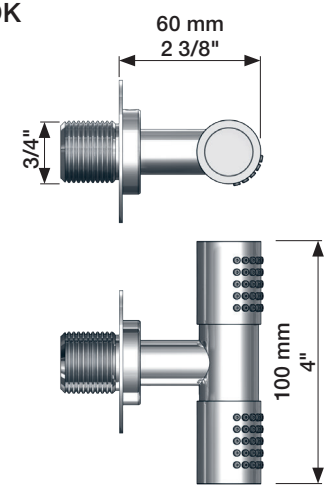
## 080



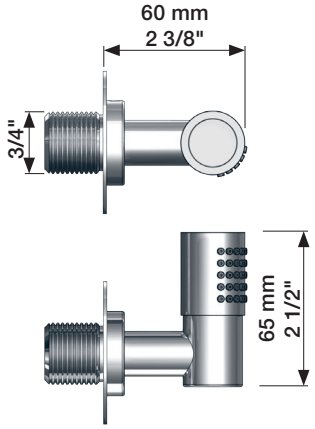

## 080D



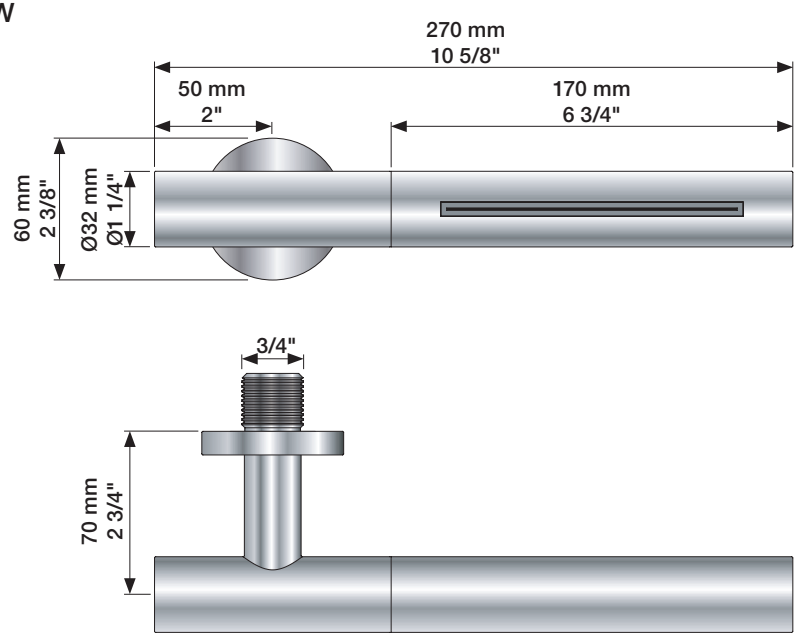

## 080DK



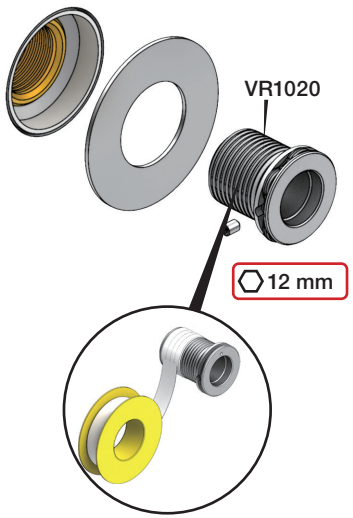

## 080K



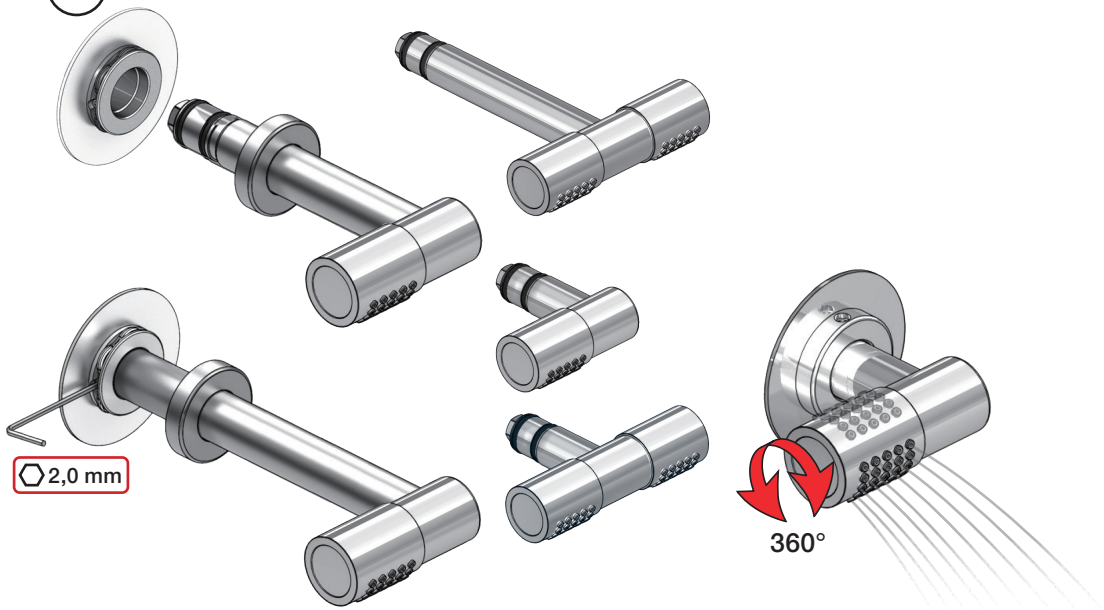

## 080W



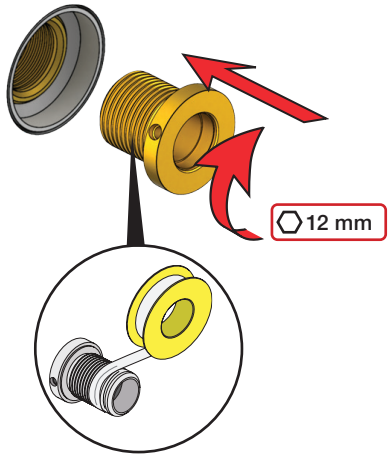
1 VR2019



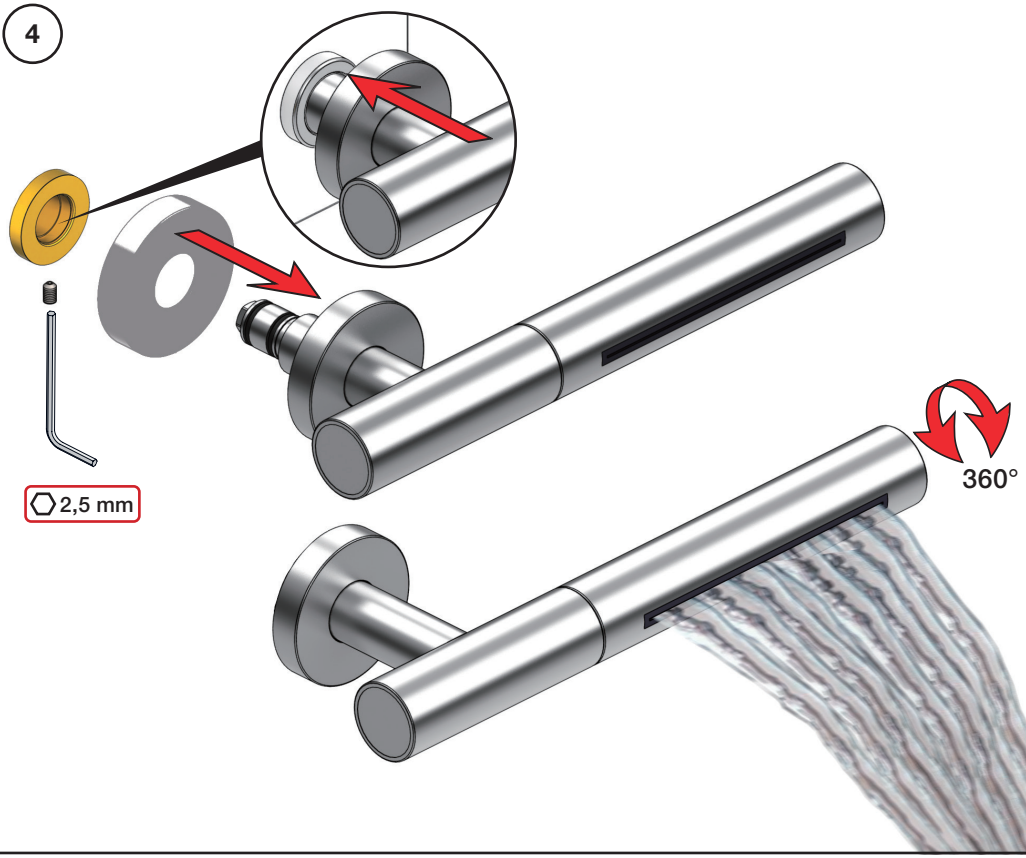

2




3 VR2020




4



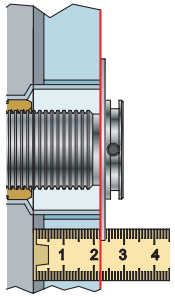

Extension
Verlängerung

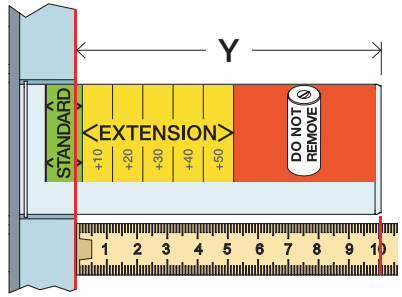
Forlængerdele
Förlängning

Verlengstukken
Modification

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

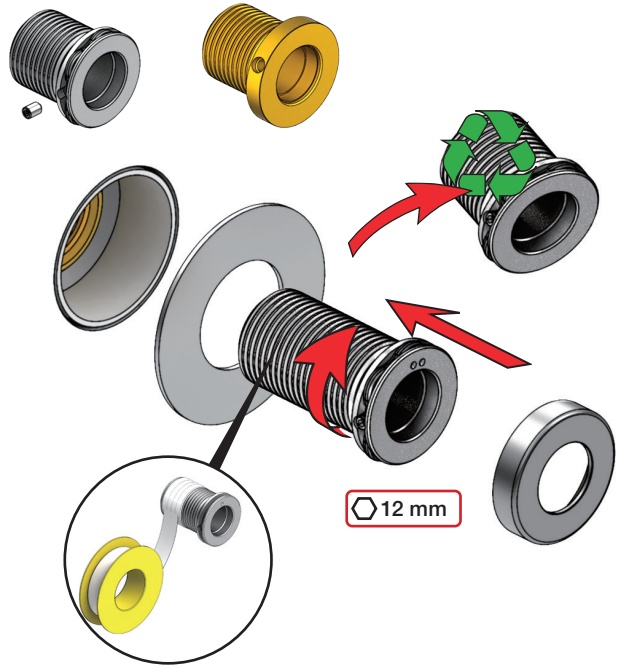
**Y** Min. 48 mm
Max. 110 mm




| T | Y | VR2019/2020 |
|---|---|---|
| 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+ VR2020+

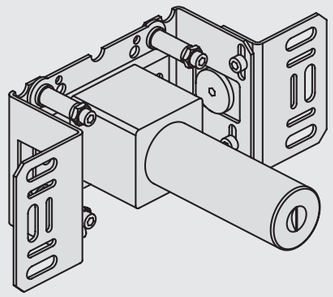


# VOLA 200M

Fitting instruction
Montageanleitung
Monteringsvejledning

Monteringsvägledning
Montage hanleiding
Manuel de montage

GODKENDT
TIL DRIKKEVAND



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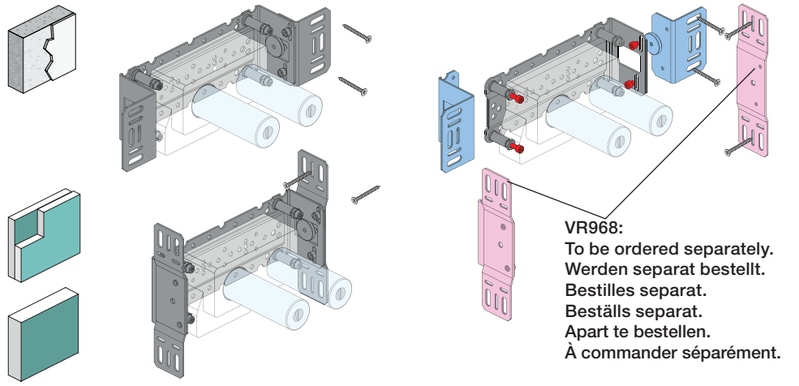
200M_V4_40998506
25-11-2022

5 705230 288055

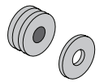
Max.: 10 Bar/145 psi
Max. 65°C, 150°F

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



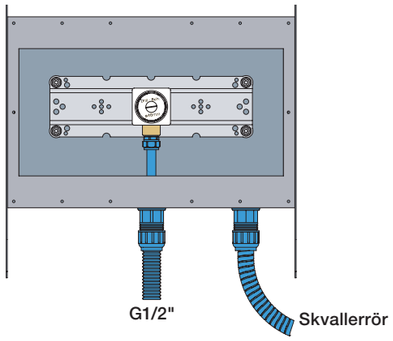
VR968:
To be ordered separately.
Werden separat bestellt.
Bestilles separat.
Beställs separat.
Apart te bestellen.
À commander séparément.

DE:
Bitte separat beiliegende Anleitung für die Schallentkopplung VR972 beachten

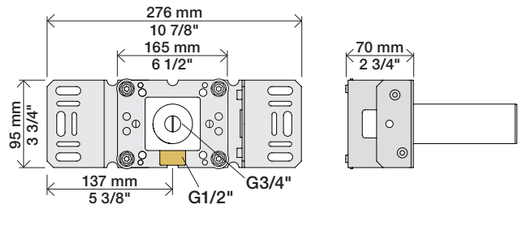


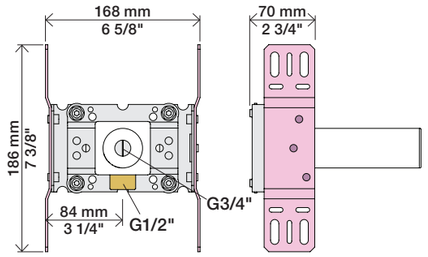
Box till inbyggnadsblandare.
Boks til indbygningsblander.
Laatikko seinäasenteiselle sekoittajalle.

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




## 200M & VR968:

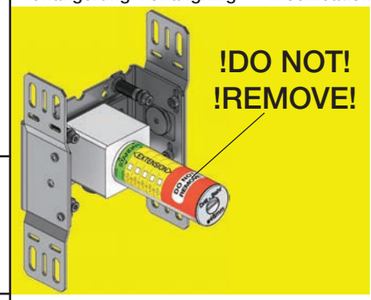



Extension
Verlängerung

Forlængerdele
Förlängning

Verlengstukken
Modification



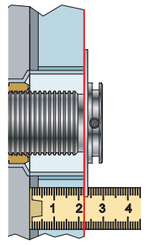
VR2019: 010, 020, 030, 040
VR2021: 050
VR2020: 080W
VR2119: 010C, 020C, 040D
050K, 070/R/S/W, 080/K/D/DK
VR2219: 050A, 060A
VR648: 060, 080ST

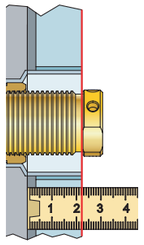
VR2019, VR2119
VR2020, VR2219
VR2021

VR648

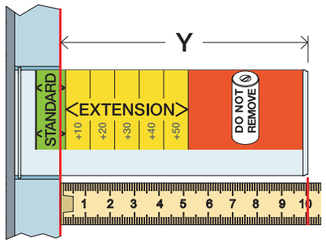
* +10 - STANDARD SVERIGE

T Min. 3 mm
Max. 65 mm




Y Min. 48 mm
Max. 110 mm




| 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 |

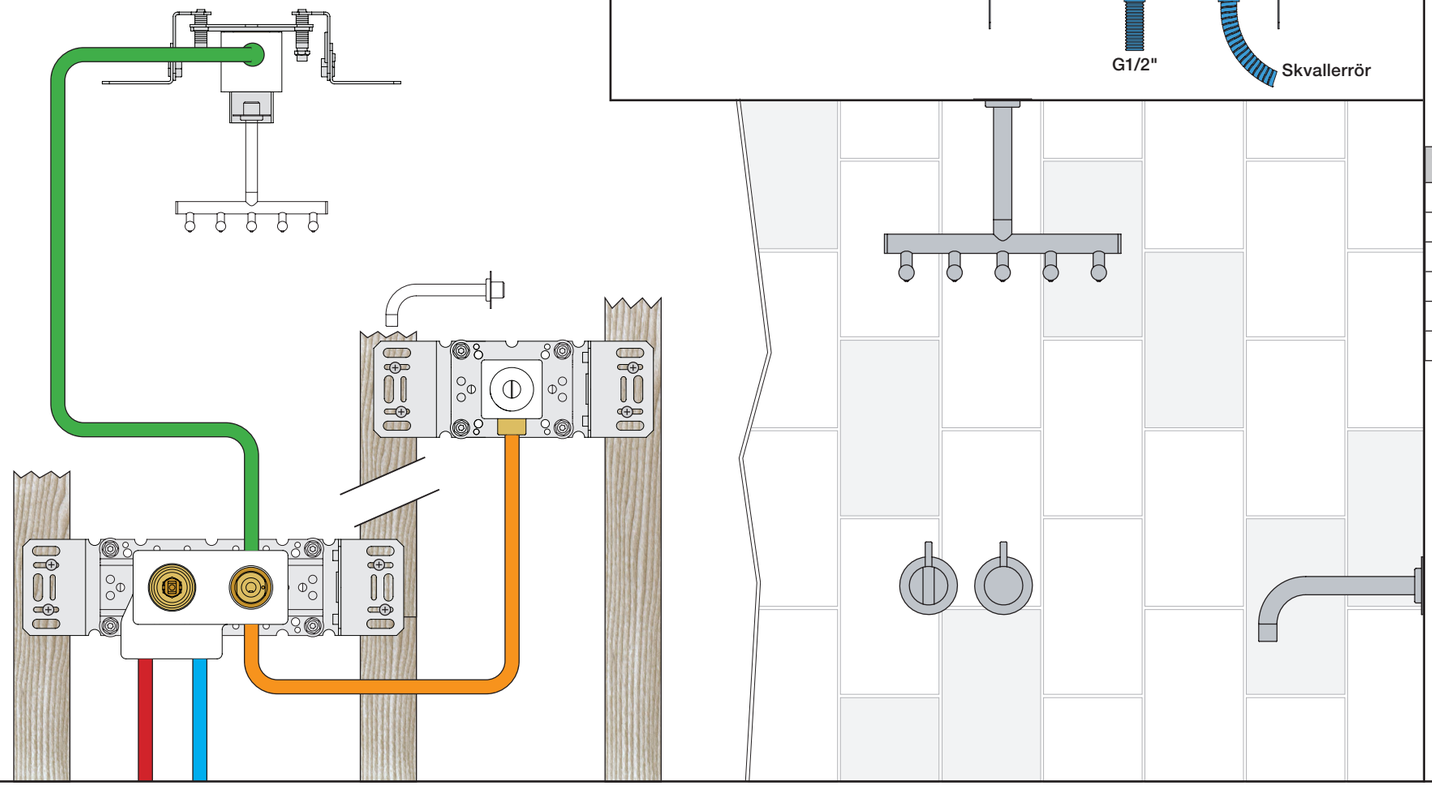
VR2019:
VR2020: VR2119:
VR2021: VR2219:

VR648:

Installation example
Installationsbeispiel

Installationseksempel
Installationsexemplar

Installatie voorbeeld
l'installation des exemple

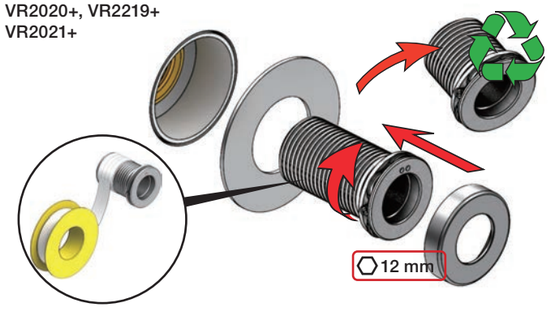


Fitting of extension
Montage von verlängerung

Montering af forlængerdele
Montering av förlängning

Montage van de verlengstukken
Montage des rallonges

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

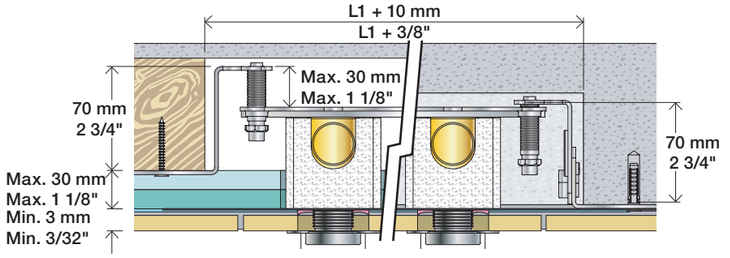


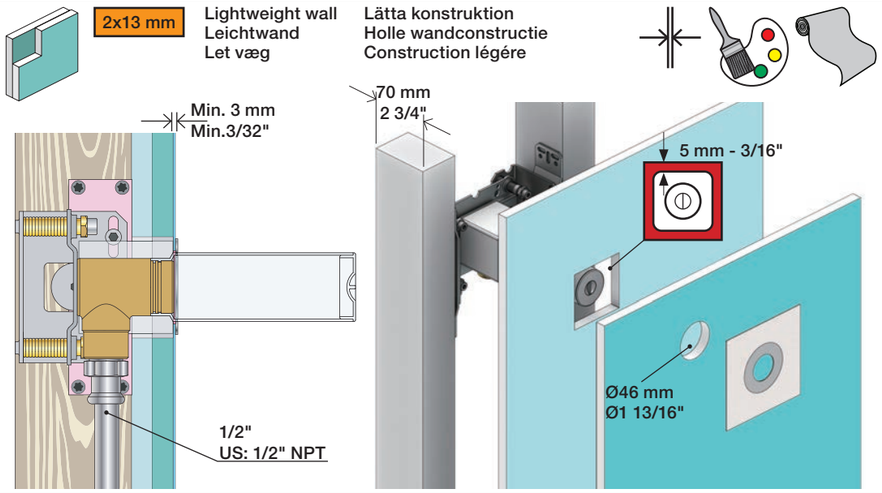

VR648+

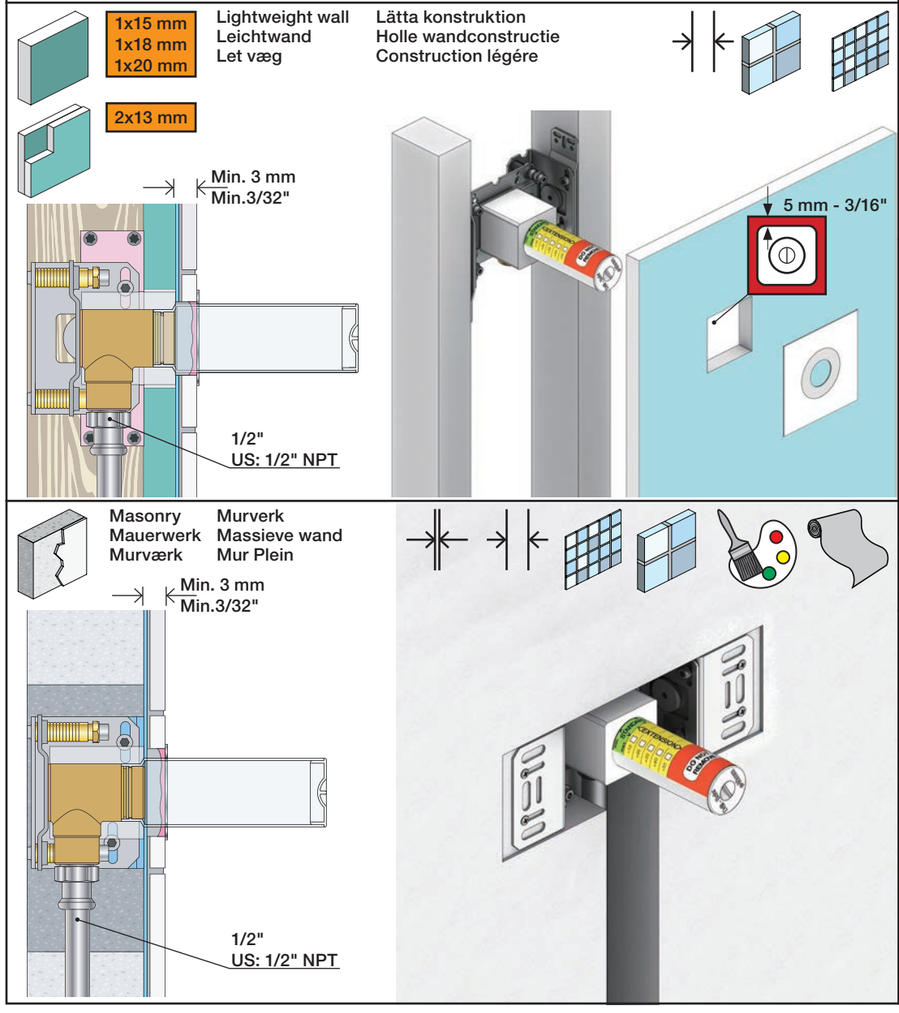


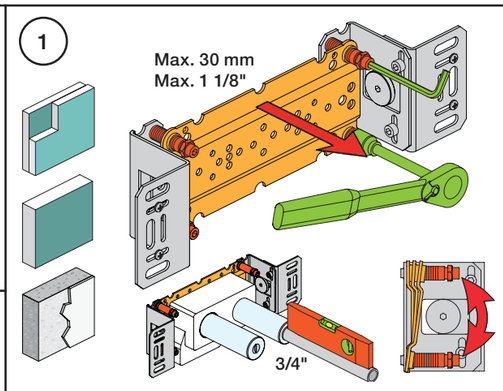


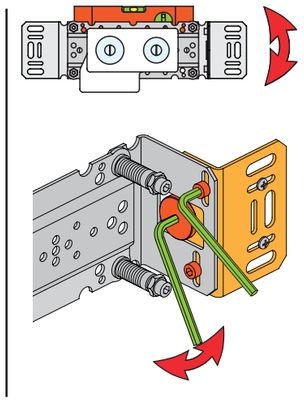

VOLA A/S • Lunavej 2 • DK-8700 Horsens • Tel. +45 7023 5500 • Fax +45 7023 5511 • sales@vola.dk • www.vola.com


L1 + 10 mm
L1 + 3/8"
Max. 30 mm
Max. 1 1/8"
70 mm
2 3/4"
Max. 30 mm
Max. 1 1/8"
Min. 3 mm
Min. 3/32"
70 mm
2 3/4"

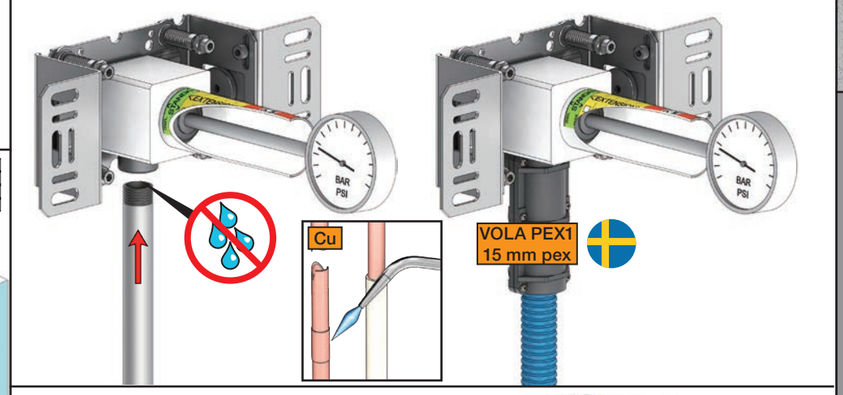

2x13 mm
Lightweight wall
Leichtwand
Let væg
Lätta konstruktion
Holle wandconstructie
Construction légére
Min. 3 mm
Min.3/32"
70 mm
2 3/4"
5 mm - 3/16"
Ø46 mm
Ø1 13/16"
1/2"
US: 1/2" NPT

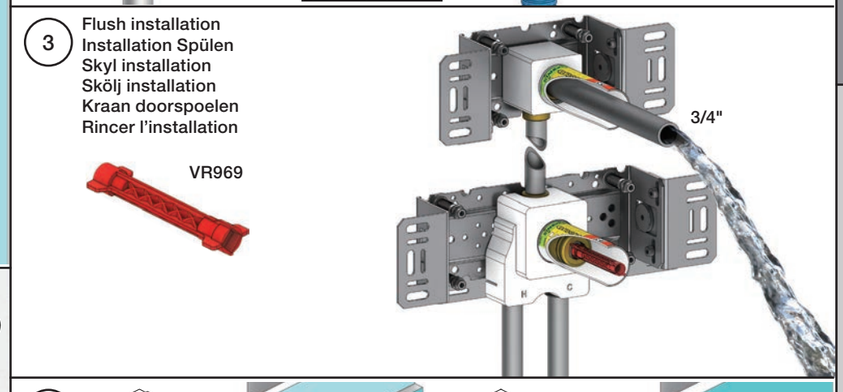

1x15 mm
1x18 mm
1x20 mm
Lightweight wall
Leichtwand
Let væg
Lätta konstruktion
Holle wandconstructie
Construction légére
2x13 mm
Min. 3 mm
Min.3/32"
5 mm - 3/16"
1/2"
US: 1/2" NPT
Masonry
Mauerwerk
Murværk
Murverk
Massieve wand
Mur Plein
Min. 3 mm
Min.3/32"
1/2"
US: 1/2" NPT

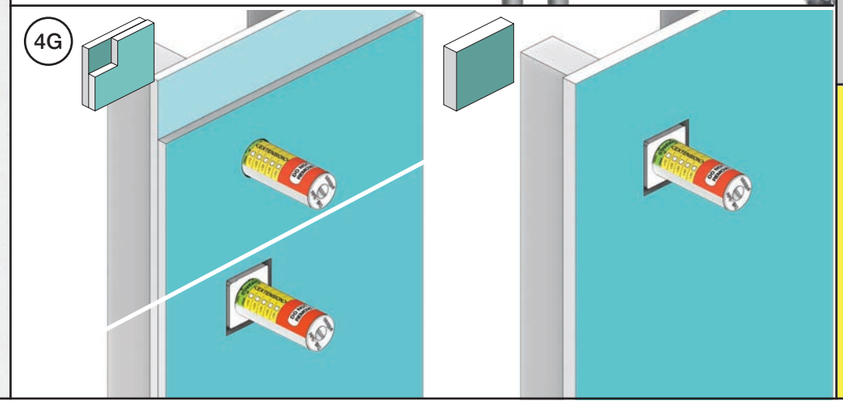

1
Max. 30 mm
Max. 1 1/8"
3/4"

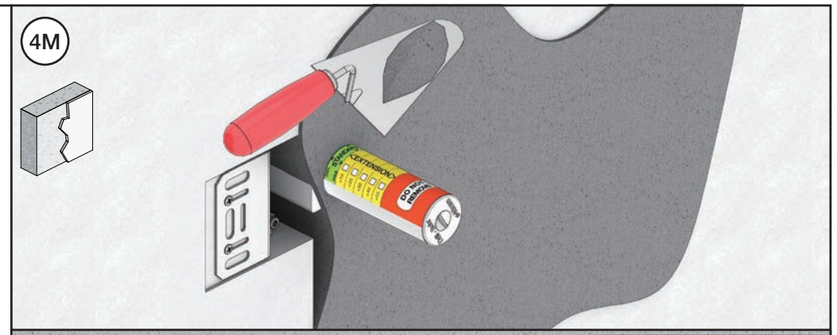


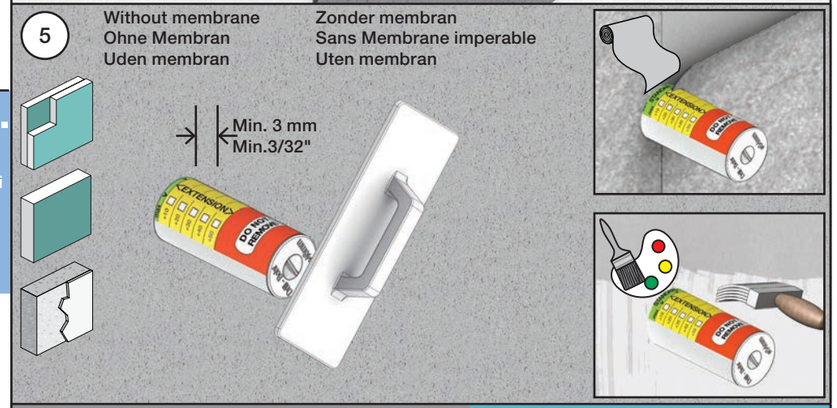
2
Test Pressure
Prüfdruck
testtryk
Test tryck
Test druk
test de pression
Check the local legislation.
Bitte die örtlichen Vorschriften überprüfen.
Tjek de lokale regler.
Kontrollera lokala föreskrifter.
Nazitten lokale regelgeving.
Vérifiez la législation locale.
! Water - Wasser - Vand - Vatten - Water - L´eau
! MAX 1 Minute - Minut - Minuut !
1.
MAX.
16 Bar
232 Psi
2.
MAX.
4 Bar
58 Psi

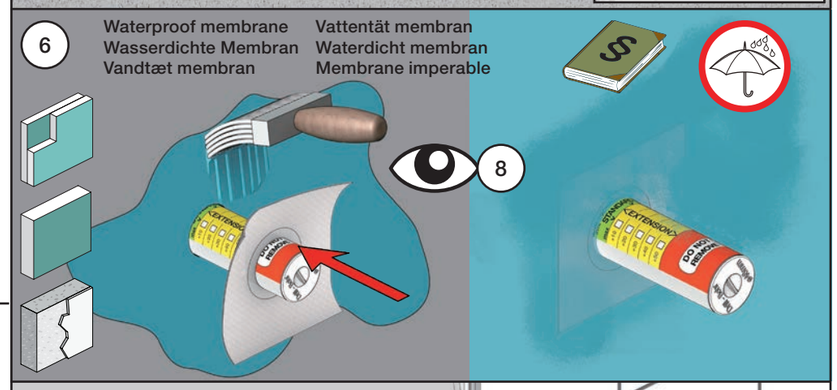

Cu
VOLA PEX1
15 mm pex

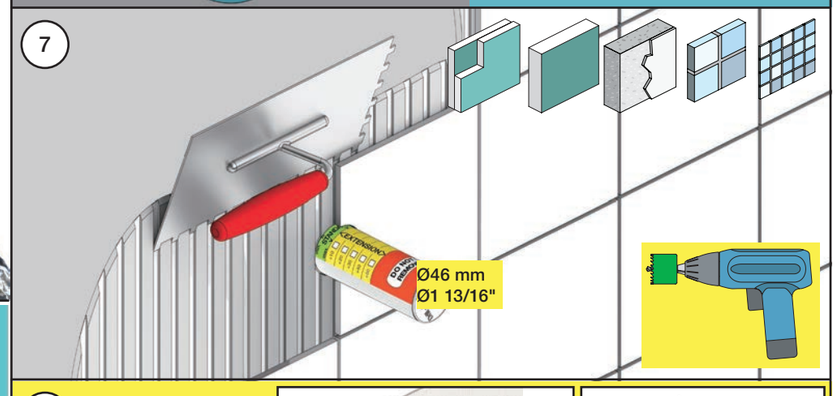

3
Flush installation
Installation Spülen
Skyl installation
Skölj installation
Kraan doorspoelen
Rincer l'installation
VR969
3/4"

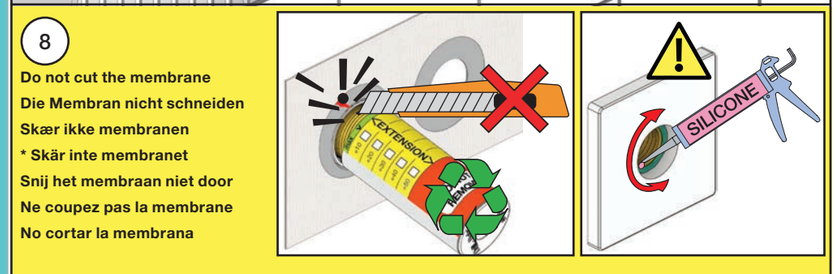

4G


4M


5
Without membrane
Ohne Membran
Uden membran
Zonder membran
Sans Membrane imperable
Uten membran
Min. 3 mm
Min.3/32"


6
Waterproof membrane
Wasserdichte Membran
Vandtæt membran
Vattentät membran
Waterdicht membran
Membrane imperable
8


7
Ø46 mm
Ø1 13/16"


8
Do not cut the membrane
Die Membran nicht schneiden
Skær ikke membranen
* Skär inte membranet
Snij het membraan niet door
Ne coupez pas la membrane
No cortar la membrana
SILICONE

VOLA NR.21/28/19/24

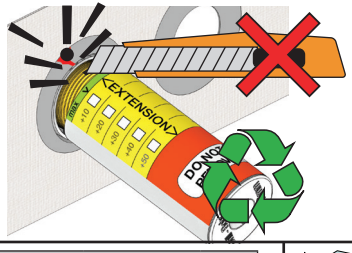
NR.21:

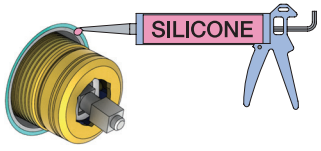
1

NR.28+19+24:

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**

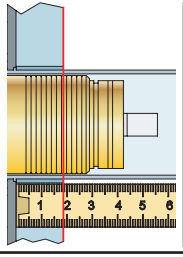


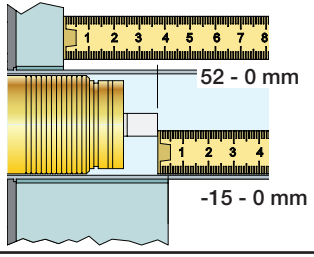

***Membran används inte i SVERIGE, ihop med inbyggnadsboxen.**

Förlängning
Aanpassing
Modification

Extension
Verlängerung
Forlængelse

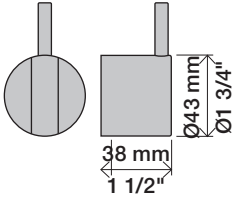


| VR2260/VR1400/VR2019 | | |
|---|---|---|
| Tiles:<br>Fliesen:<br>Fliser:<br>Tegels:<br>Carreaux: | 3 - 15 mm | Std. |
| | 15 - 25 mm | +10 |
| | 25 - 35 mm | +20 |
| | 35 - 45 mm | +30 |
| | 45 - 55 mm | +40 |
| | 55 - 65 mm | +50 |

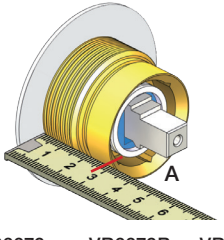



| VR2260/VR1400/VR2019 | | |
|---|---|---|
| | 35 - 47 mm | Std. |
| | 25 - 35 mm | +10 |
| | 15 - 25 mm | +20 |
| | 5 - 15 mm | +30 |
| | -5 - 5 mm | +40 |
| | -15 - -5 mm | +50 |

## NR 21



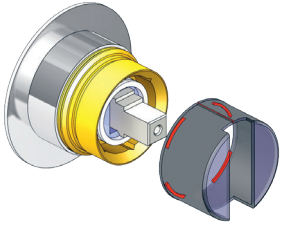

## NR 21 - 1



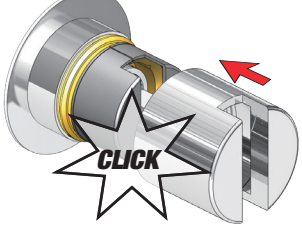

VR2279 VR2279B VR2279C

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

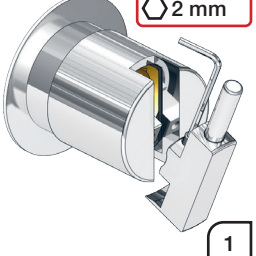
## NR 21 - 2



## NR 21 - 3




## NR 21 - 4




1

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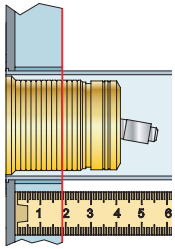
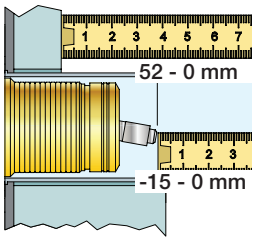
mnt_NR21/28_40998503_V2

©VOLA A/S 5 705230 286174

Förlängning
Aanpassing
Modification
Extension
Verlängerung
Forlængelse

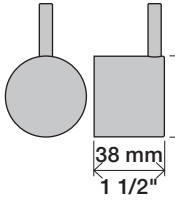


| VR1260/VR1400/VR2019 | | |
|---|---|---|
| Tegels: Carreaux: Tiles: Fliesen: Fliser: | 3 - 15 mm | Std. |
| | 15 - 25 mm | +10 |
| | 25 - 35 mm | +20 |
| | 35 - 45 mm | +30 |
| | 45 - 55 mm | +40 |
| | 55 - 65 mm | +50 |




| 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 |

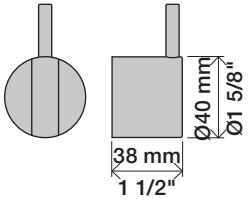
## NR 19/NR24




NR 19:
Ø40 mm
Ø1 5/8"

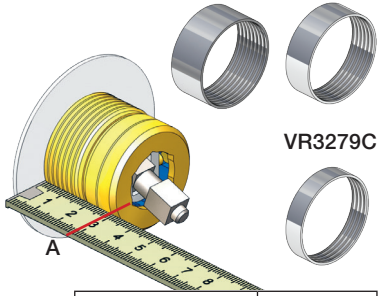
NR 24:
Ø43 mm
Ø1 3/4"

## NR 28



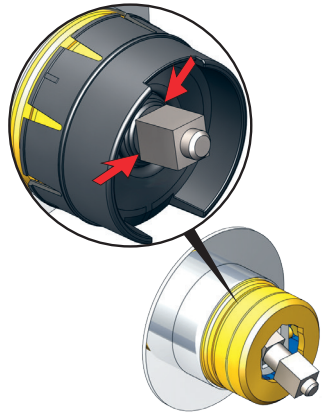

## NR 28 - 1

VR3279 VR3279B VR3279C




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

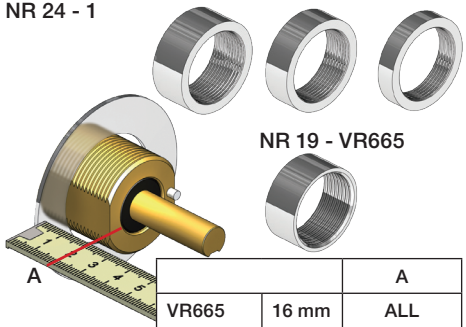
## NR 28 - 2



## NR 19 - 1
## NR 24 - 1

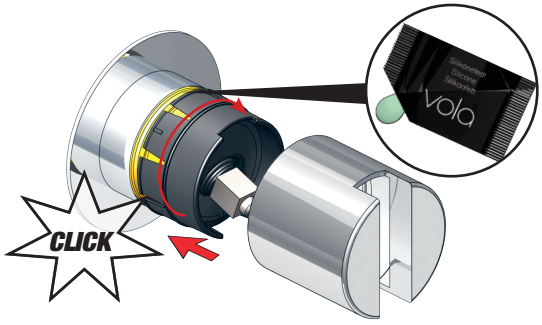
VR2204 VR2204B VR2204C

NR 19 - VR665

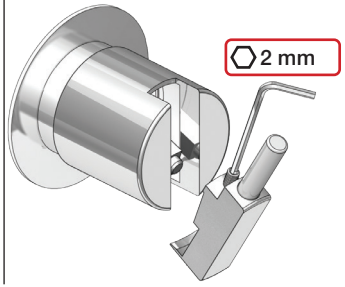



| | | A |
|---|---|---|
| VR665 | 16 mm | ALL |
| VR2204 | 16 mm | 16 - 21 mm |
| VR2204B | 12 mm | 11 - 17 mm |
| VR2204C | 8 mm | 7 - 13 mm |

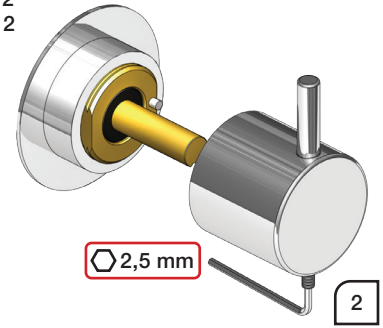
## NR 28 - 3

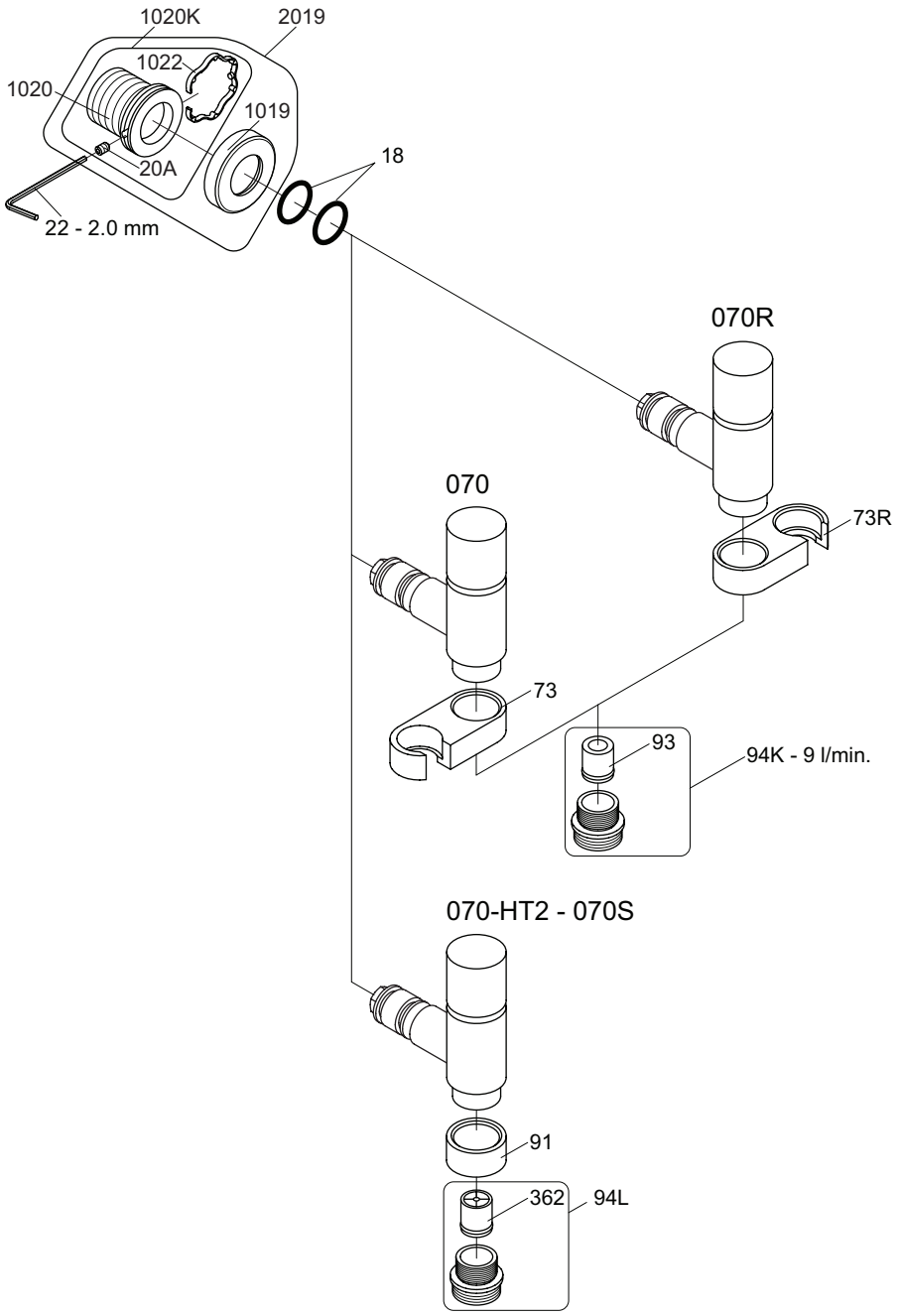


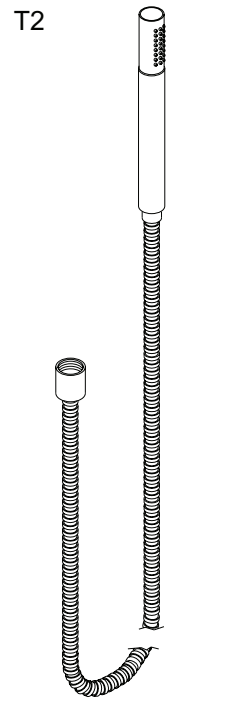

## NR 28 - 4

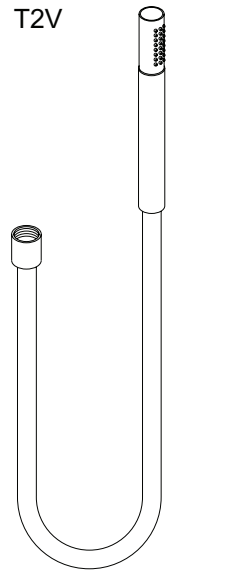



## NR 19 - 2
## NR 24 - 2






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

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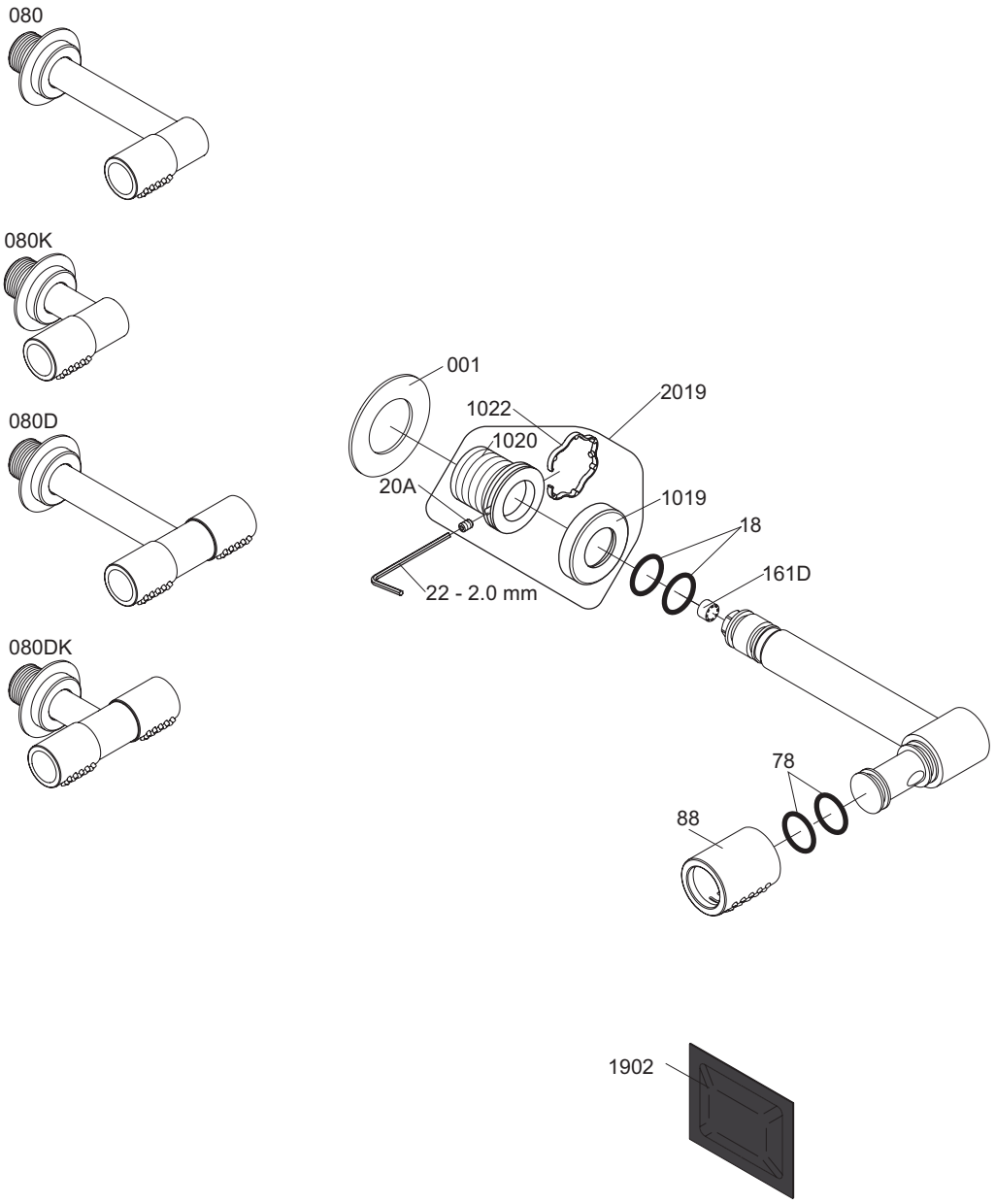
# VOLA 070, 070R
# 070-HT2

Date
Apr. 21

Rev.
5

Sheet
SB 16




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

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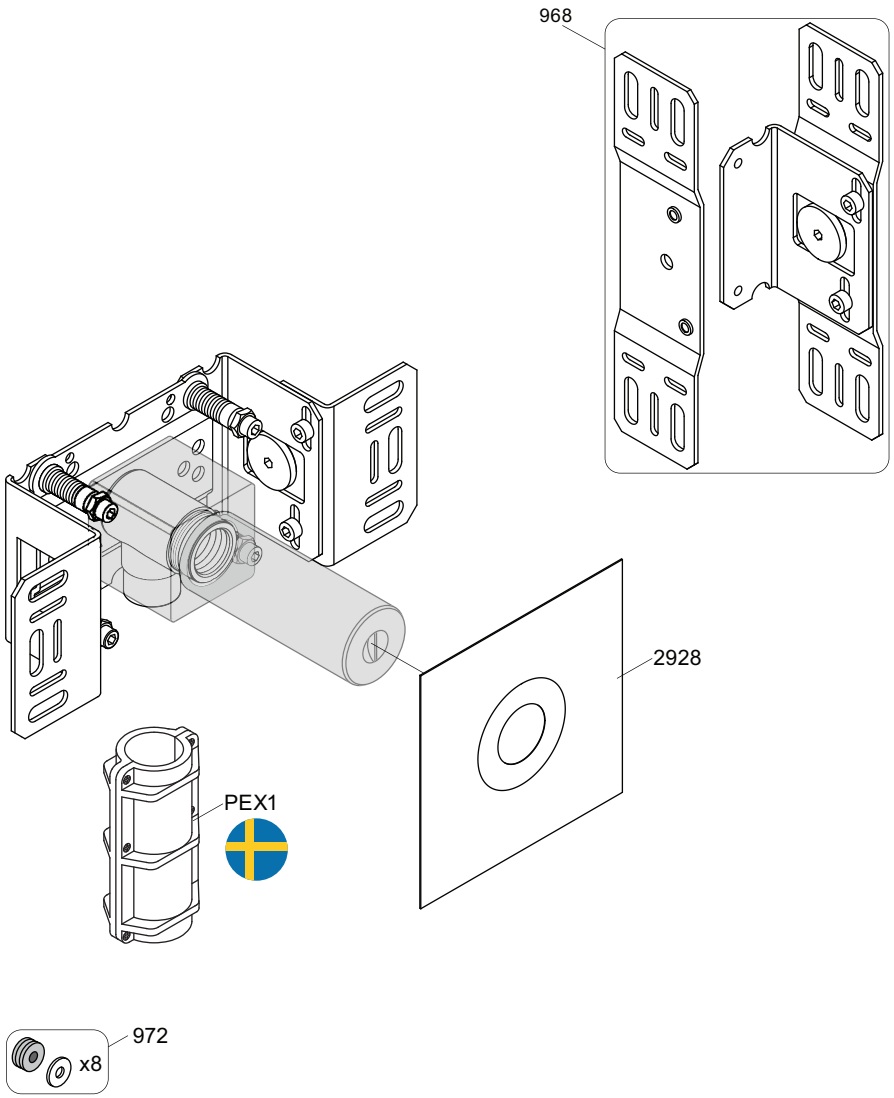
# VOLA 080, 080K
# VOLA 080D, 080DK

Date
Apr. 21

Rev.
3

Sheet
SB 17.3

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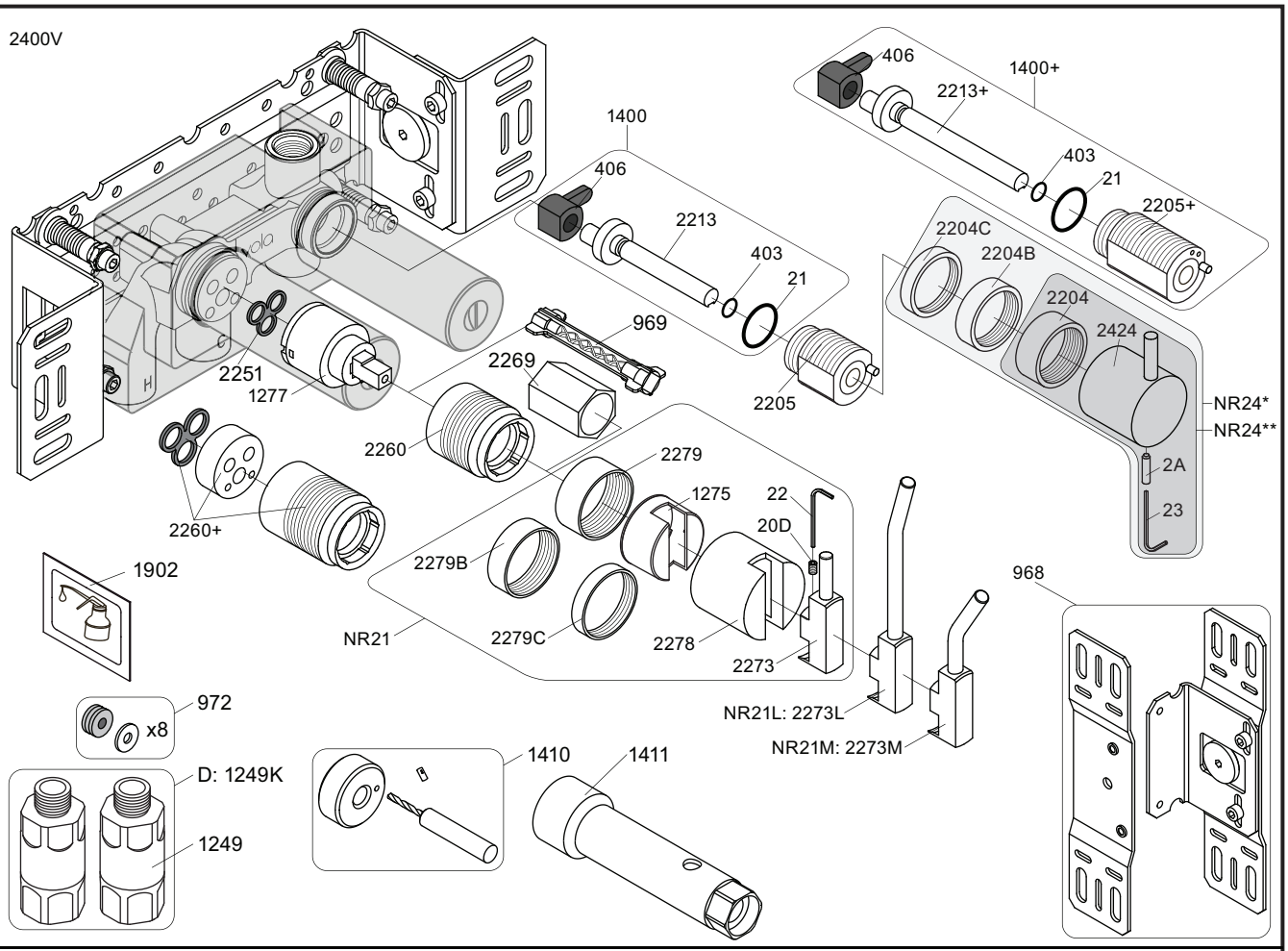
# VOLA 200M

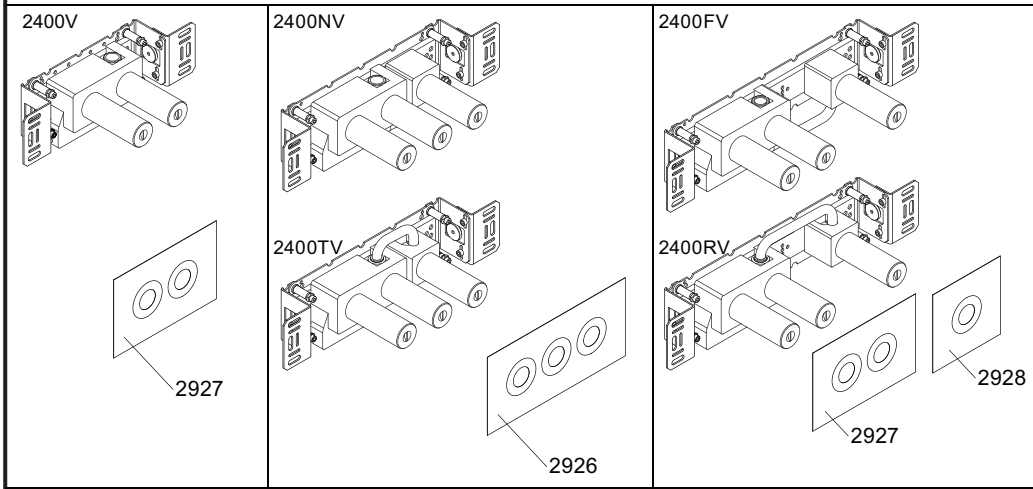
Date
May. 22

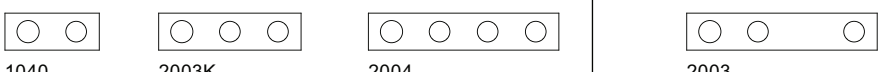
Rev.
3

Sheet
SB 2.3




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



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

Date
May. 22

Rev.
5

Sheet
SB 10.10