

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

Fitting instruction
 Montageanleitung
 Monteringsvejledning
 Monteringsvægledning
 Montage hanleiding
 Manuel de montage



010, 020

010C, 020C

030

040, 040B

040D

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mnt_010_V1_40998982



Standard Flow data:		Max.
010/020	(l/min)	5.0
	(Gal/min)	1.3
010C/020C	(l/min)	30
	(Gal/min)	7.9
030	(l/min)	9.0
	(Gal/min)	2.0
040/040B	(l/min)	25
	(Gal/min)	6.6
040D	(l/min)	30
	(Gal/min)	7.9
		Max. 65°C. Max. 150°F

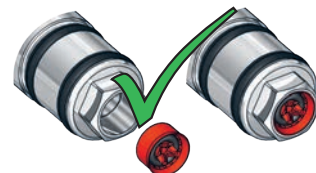


VR161:

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:

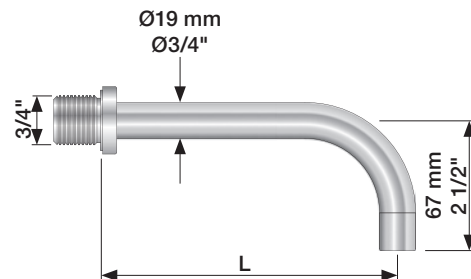
Pour plus d'informations sur les options : économie d'eau, voir le site:



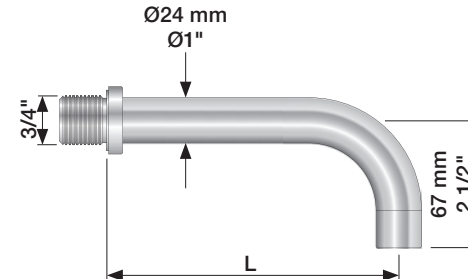
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010, 020

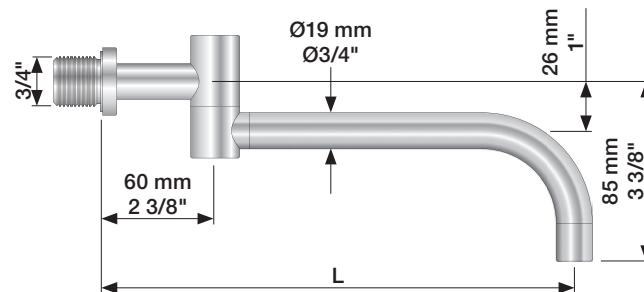


010C, 020C



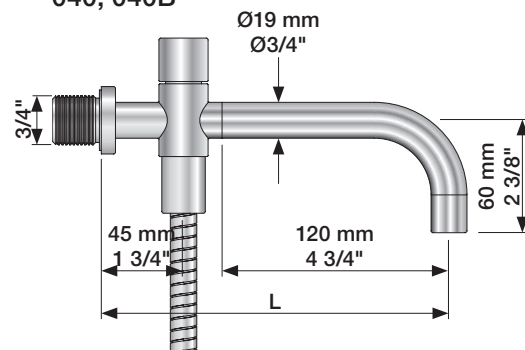
	L (mm)	L (Inch)
010(C)/100	100	4"
010(C)/130	130	5"
010(C)/160	160	6"
020(C)/200	200	7 3/4"
020(C)/225	225	8 3/4"
020(C)/260	260	10 1/4"
020(C)/300	300	11 3/4"

030

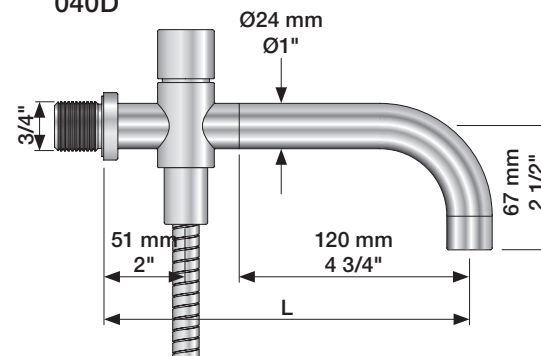


	L (mm)	L (Inch)
030/200	200	7 3/4"
030/250	250	9 3/4"
030/300	300	11 3/4"
030/350	350	13 3/4"

040, 040B



040D

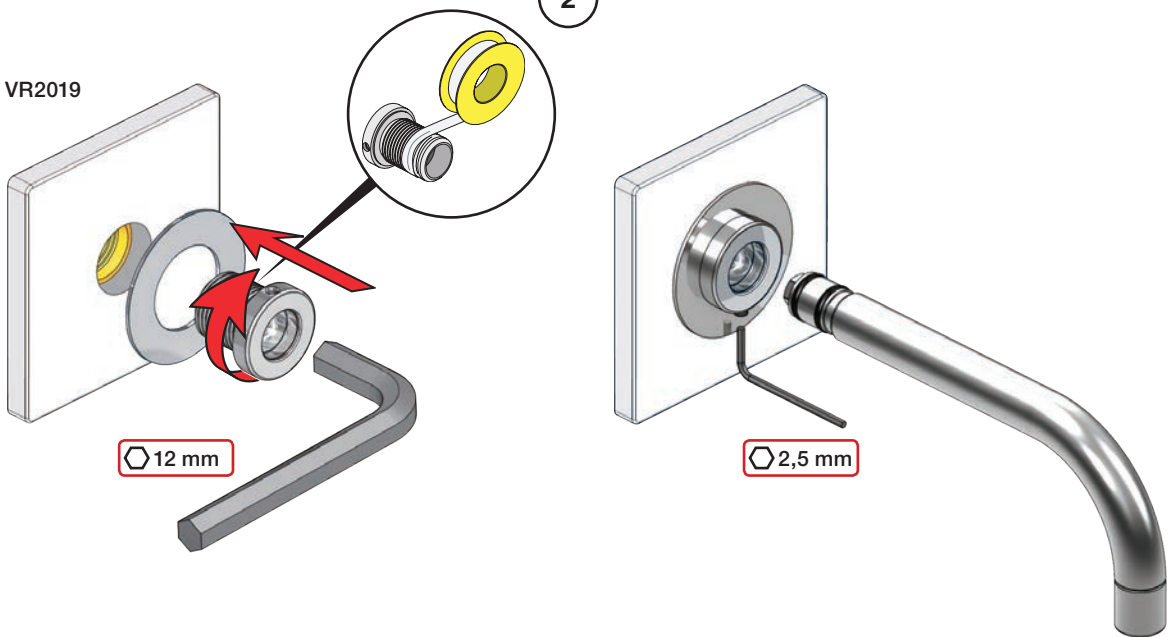


	L (mm)	L (Inch)
040	185	7 3/4"
040B	235	9 3/4"
040D	200	7 3/4"
040D/250	250	9 3/4"
040D/300	300	11 3/4"

1

010, 020, 030, 040, 040B

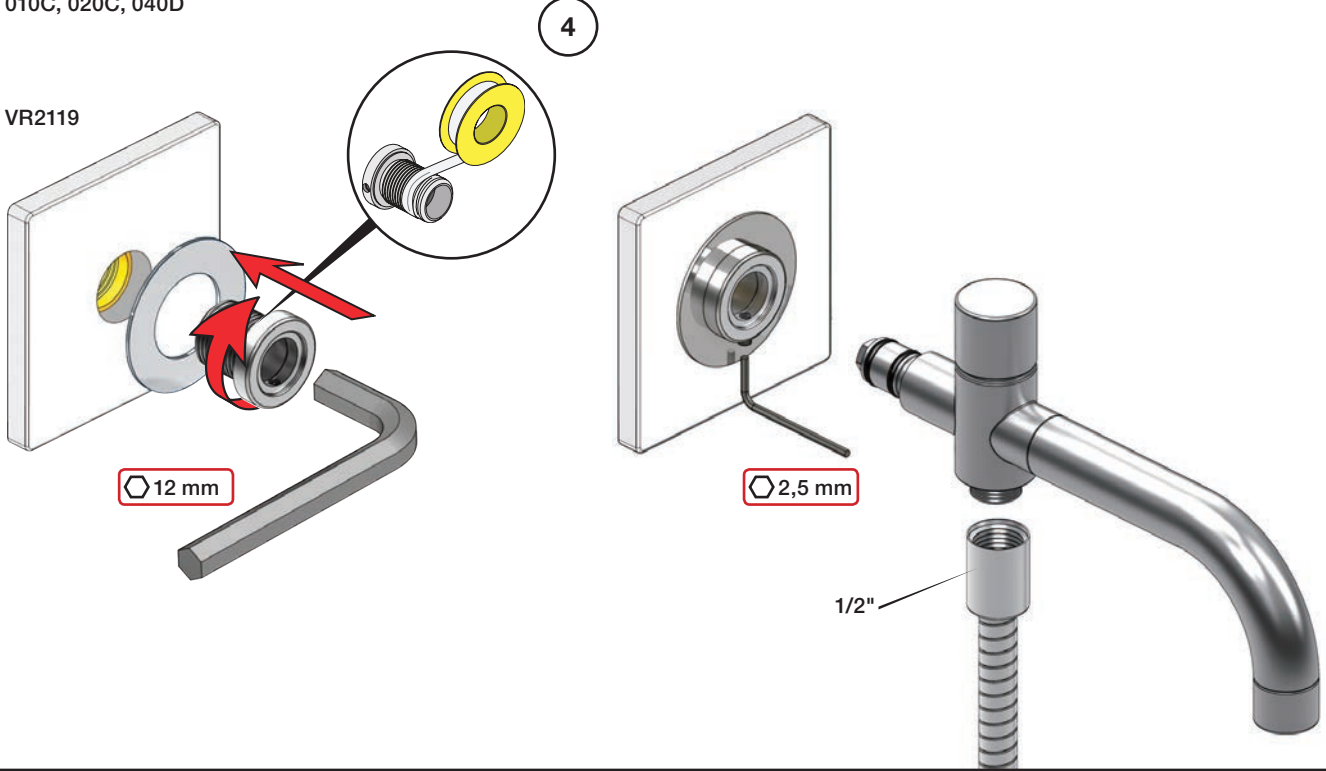
VR2019



3

010C, 020C, 040D

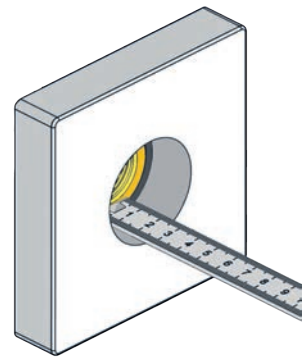
VR2119



Extension
Verlängerung

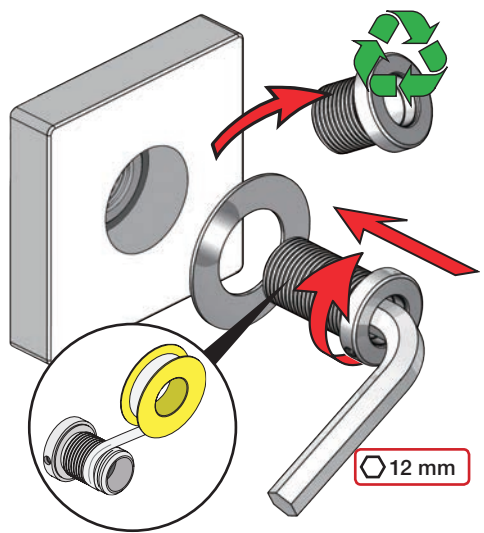
Forlængerdele
Förlängning

Verlengstukken
Modification



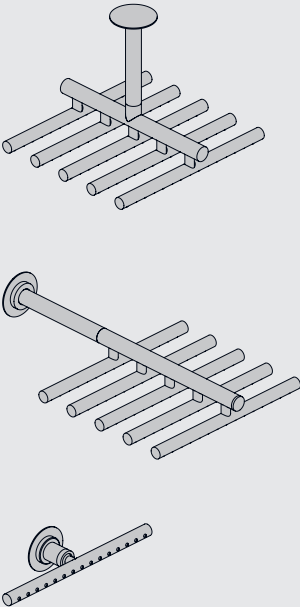
		VR2019: 	VR2119: 
Tiles: Fliesen: Fliser: Tegels: Carreaux:	3 - 15 mm	Standard	Standard
	15 - 25 mm	VR2019+10	VR2119+10
	25 - 35 mm	VR2019+20	VR2119+20
	35 - 45 mm	VR2019+30	VR2119+30
	45 - 55 mm	VR2019+40	VR2119+40
	55 - 65 mm	VR2019+50	VR2119+50

VR2019+/VR2119+



VOLA 050, 050A, 050K

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Monteringsvejledning
Monteringsvægledning
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Manuel de montage

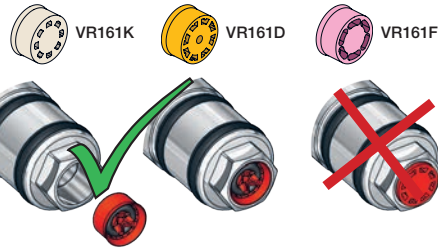


Data	-100	Std.	+100	+200
X	440 mm 17"	540 mm 21"	640 mm 25"	740 mm 29"
Y	205 mm 8"	310 mm 12"	405 mm 16"	505 mm 20"
Z	-	190 mm 7 1/2"	290 mm 11 3/8"	390 mm 15 3/8"

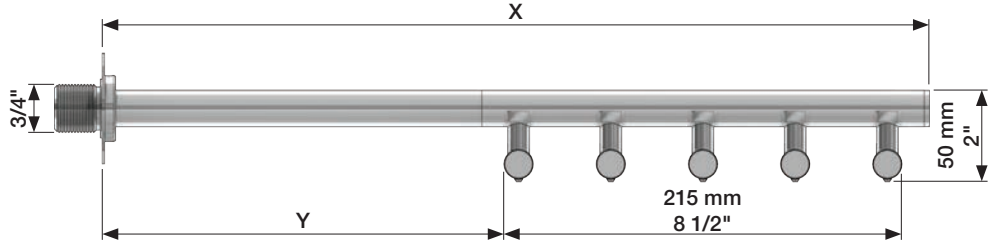
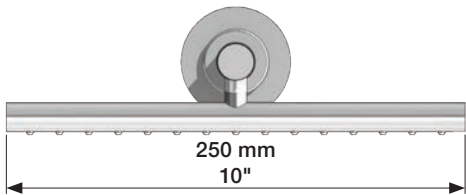
Data	Bar:	1	2	3	4	5
051/051A	(l/min) (Gal/min)	13 3.5	19 5.0	23 6.1	26 7.0	30 7.8
051K	(l/min) (Gal/min)	5 1.3	5 1.3	5 1.3	5 1.3	5 1.3
	Max. 65°C. 150°F					



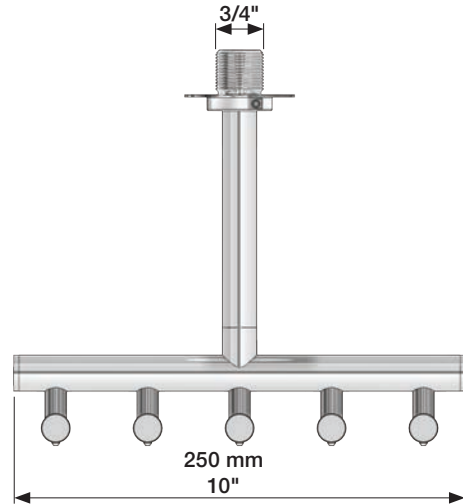
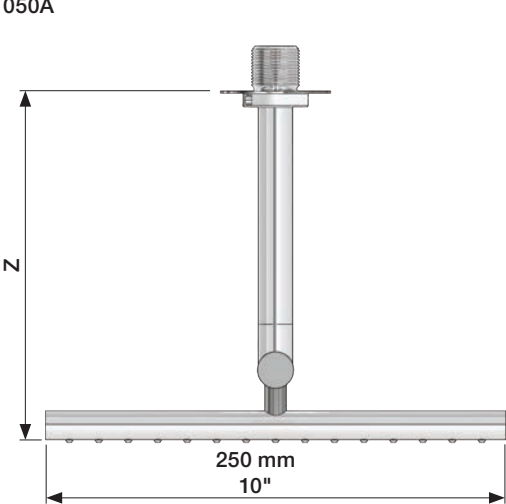
VR161 - 050, 050A:
VR161K: 7 l/min - 1.8 Gal/min
VR161D: 9 l/min - 2.5 Gal/min
VR161F: 14 l/min - 3.7 Gal/min



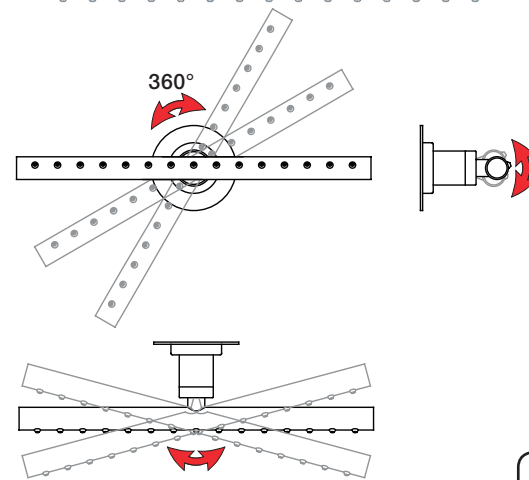
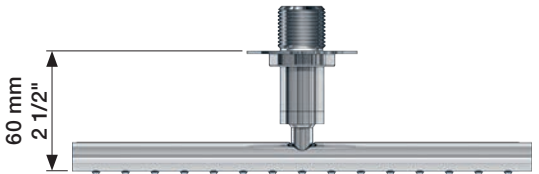
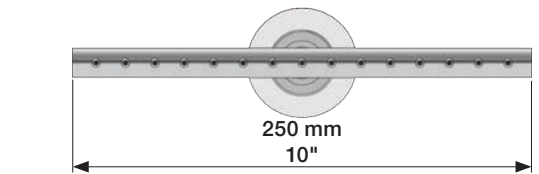
050



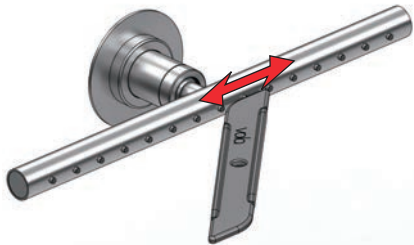
050A



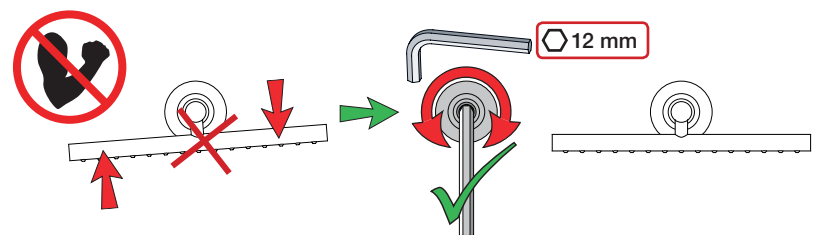
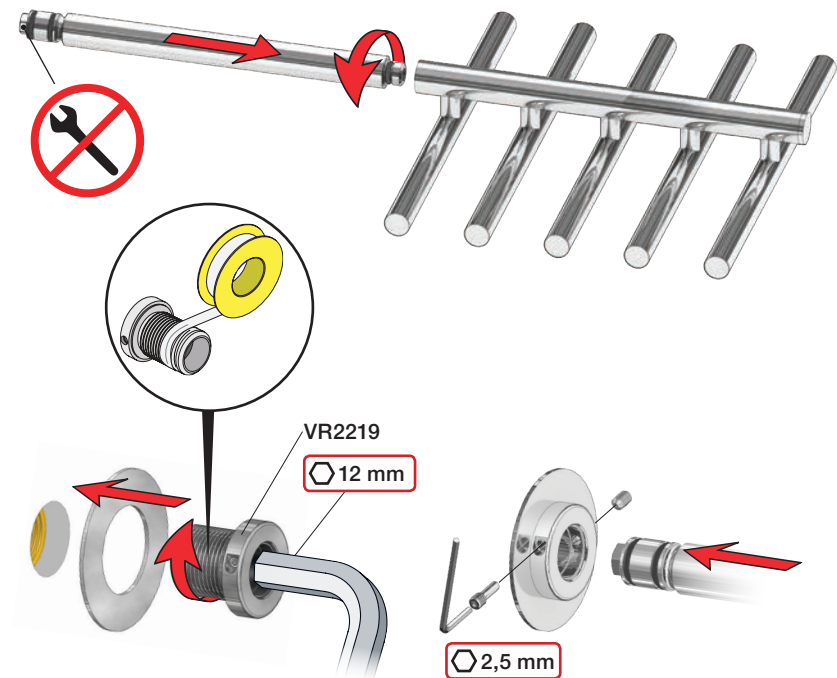
050K



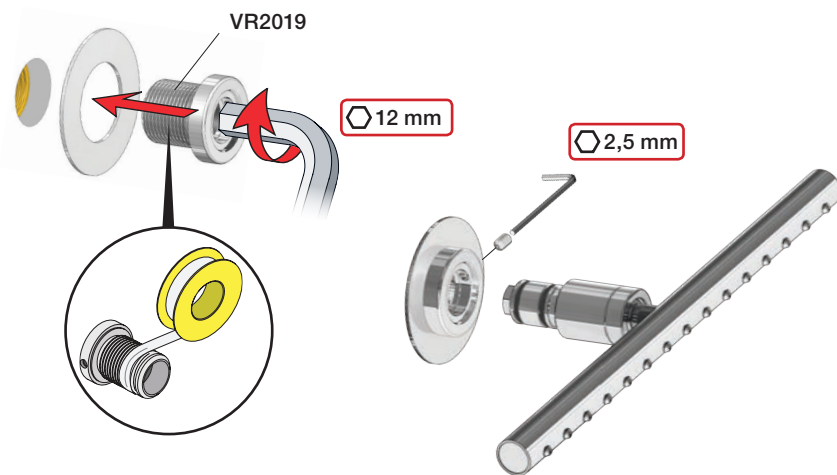
Service - VR556



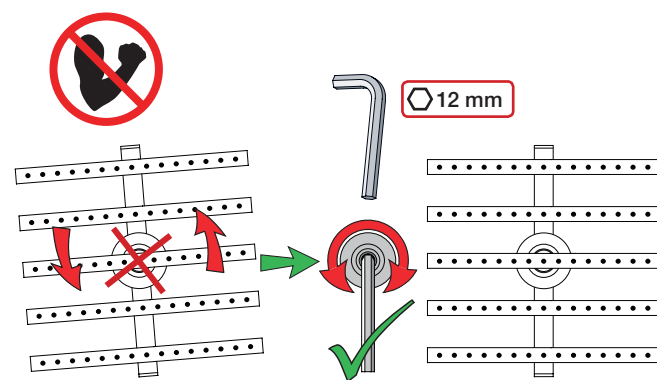
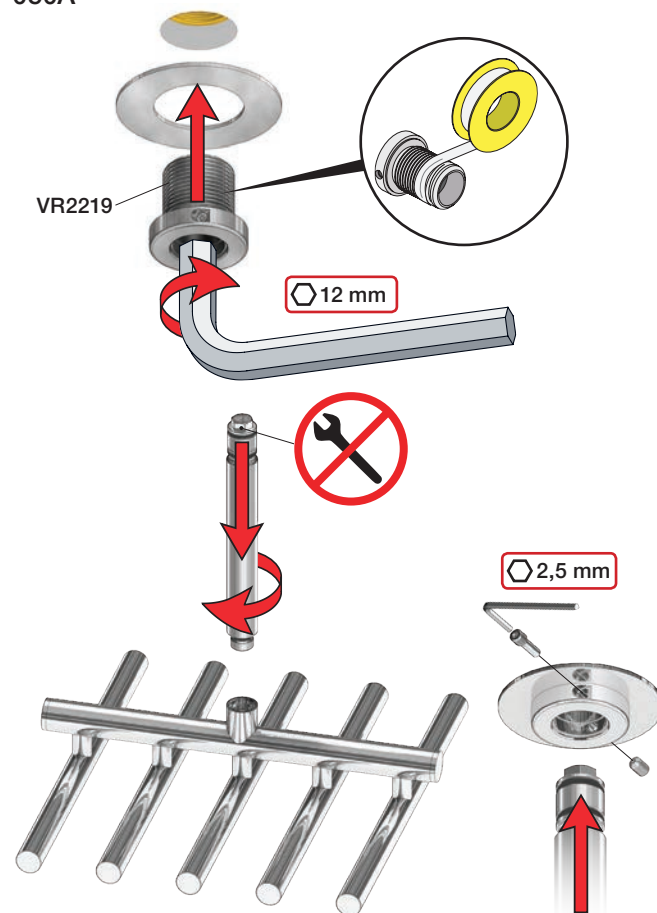
050



050K



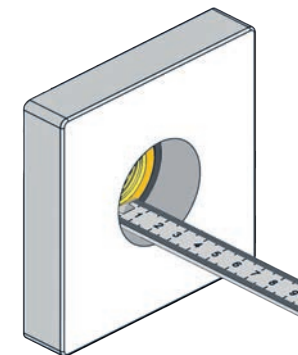
050A



Extension
Verlängerung

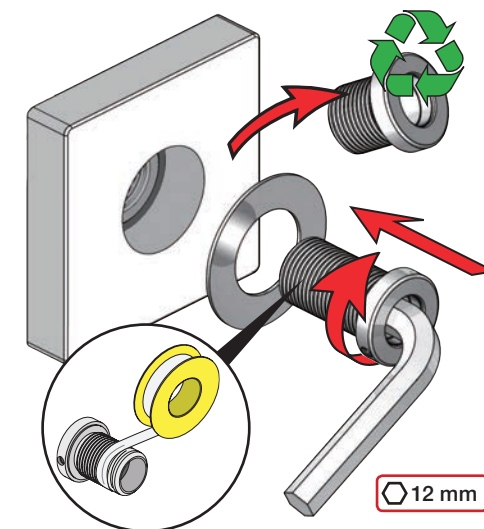
Forlængerdele
Förlängning

Verlengstukken
Modification



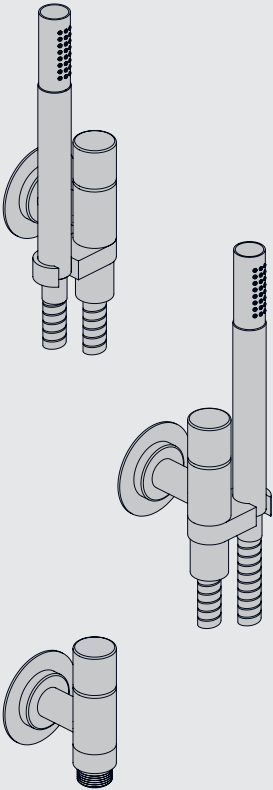
		VR2019: 	VR2219: 
Tiles:	3 - 15 mm	Standard	Standard
Fliesen:	15 - 25 mm	VR2019+10	VR2219+10
Fliser:	25 - 35 mm	VR2019+20	VR2219+20
Fliser:	35 - 45 mm	VR2019+30	VR2219+30
Tegels:	45 - 55 mm	VR2019+40	VR2219+40
Carreaux:	55 - 65 mm	VR2019+50	VR2219+50

VR2019+ & VR2219+



VOLA 070, 070R, 070-HT2

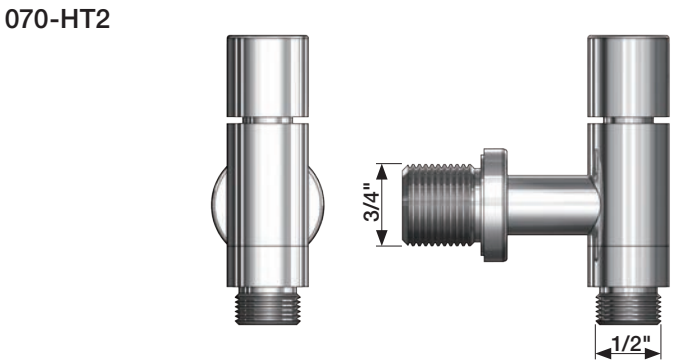
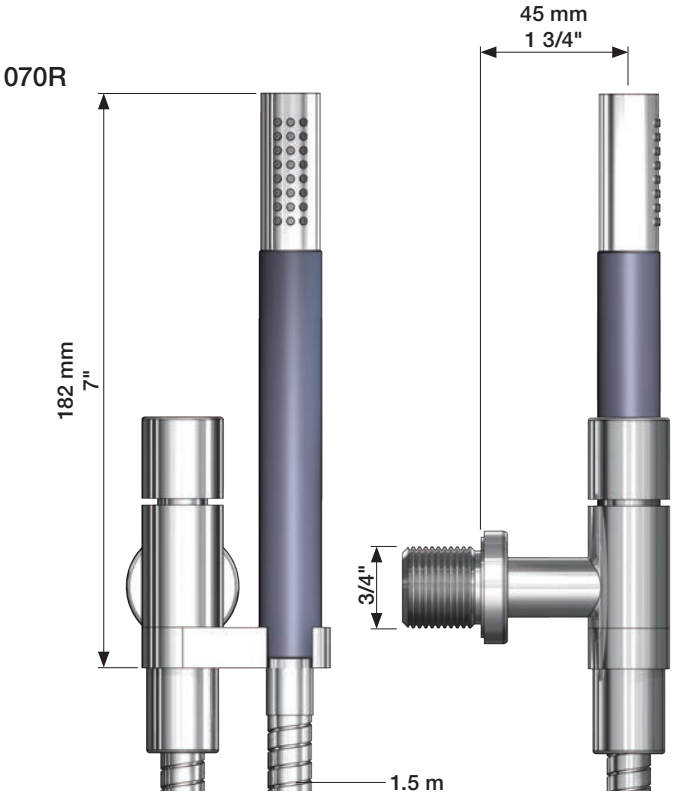
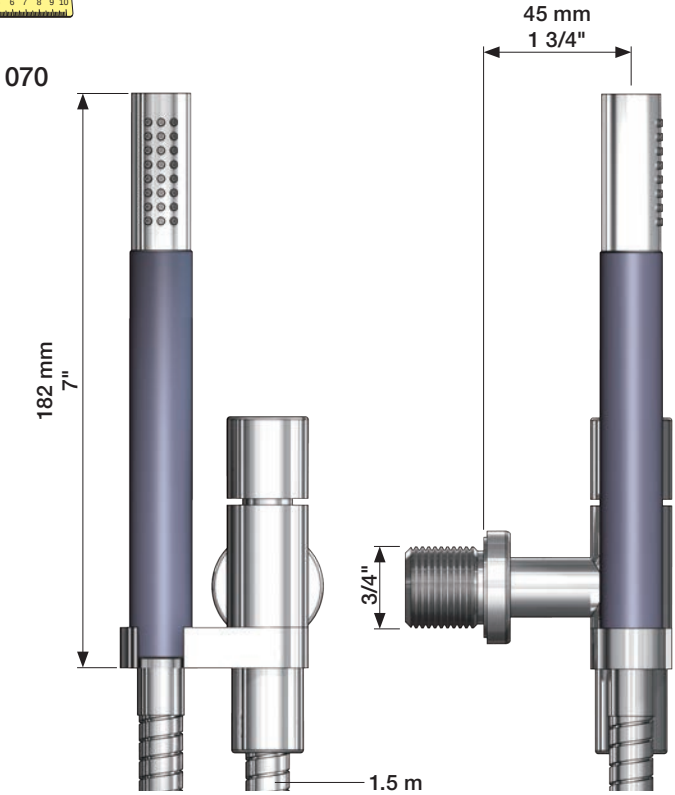
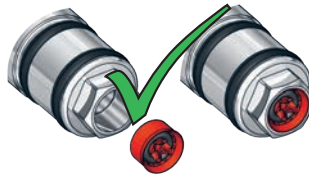
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Monteringsvægledning
Montage hanleiding
Manuel de montage



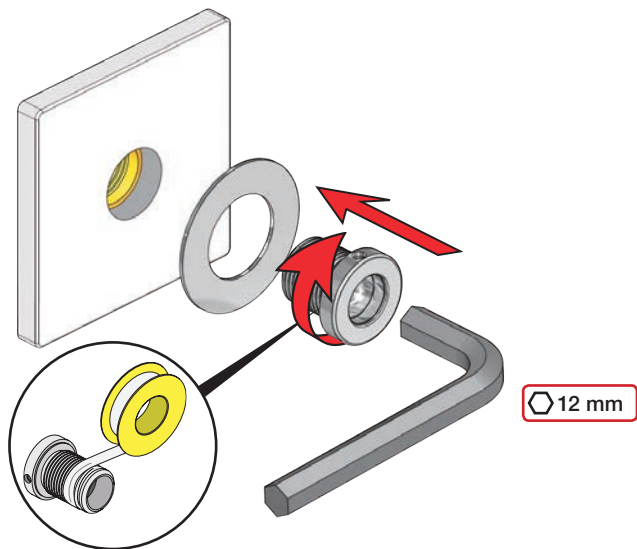
Data	Bar:	1	2	3	4	5
070/070R	(l/min) (Gal/min)	9 2.5	9 2.5	9 2.5	9 2.5	9 2.5
070-HT2	(l/min) (Gal/min)	9 2.5	12 3.2	15 4.0	17 4.5	19 5
	Max. 65°C. 150°F					



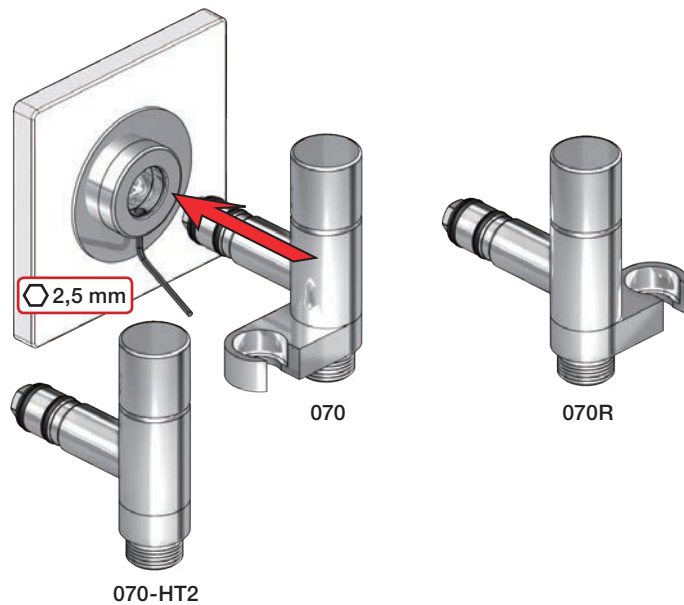
VR161:
VR161K: 7 l/min - 1.8 Gal/min (Cal Green)



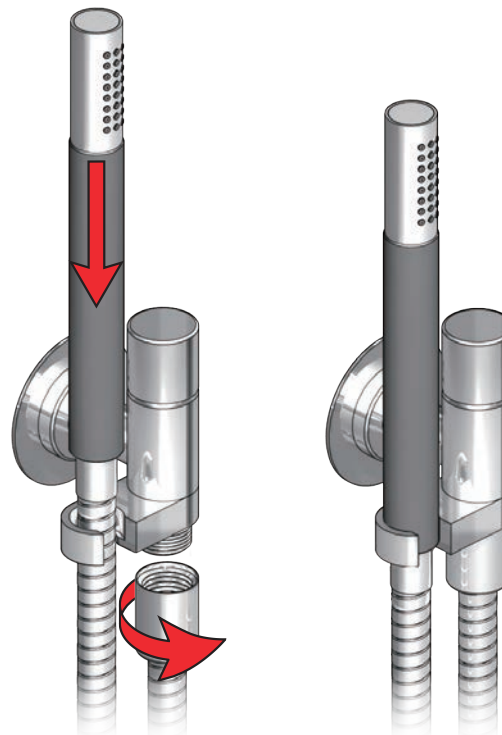
1



2



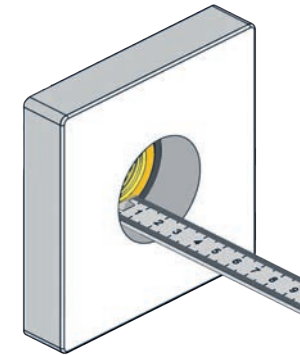
3



Extension
Verlängerung

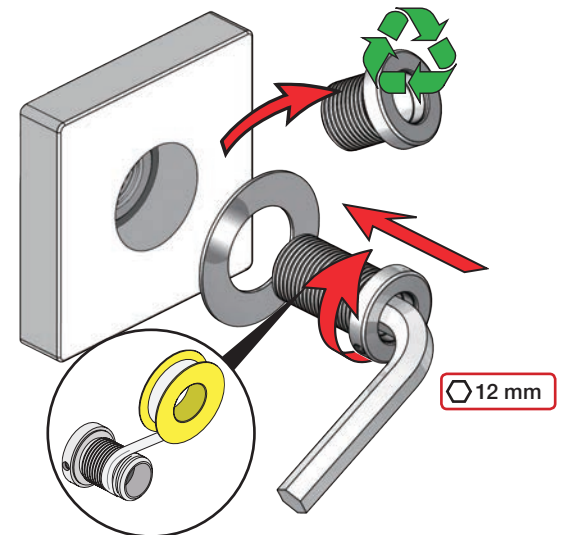
Forlængerdele
Förlängning

Verlengstukken
Modification



		VR2019: 
Tiles: Fliesen: Fliser: Fliser: Tegels: Carreaux:	3 - 15 mm	Standard
	15 - 25 mm	VR2019+10
	25 - 35 mm	VR2019+20
	35 - 45 mm	VR2019+30
	45 - 55 mm	VR2019+40
	55 - 65 mm	VR2019+50

VR2019+

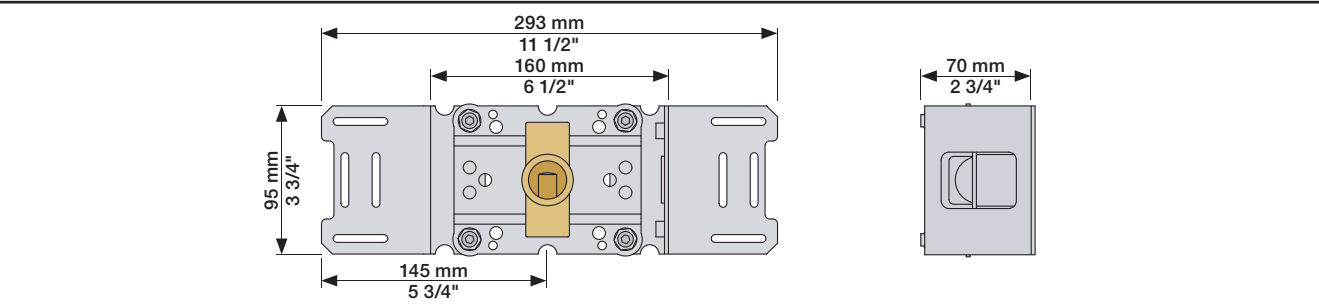
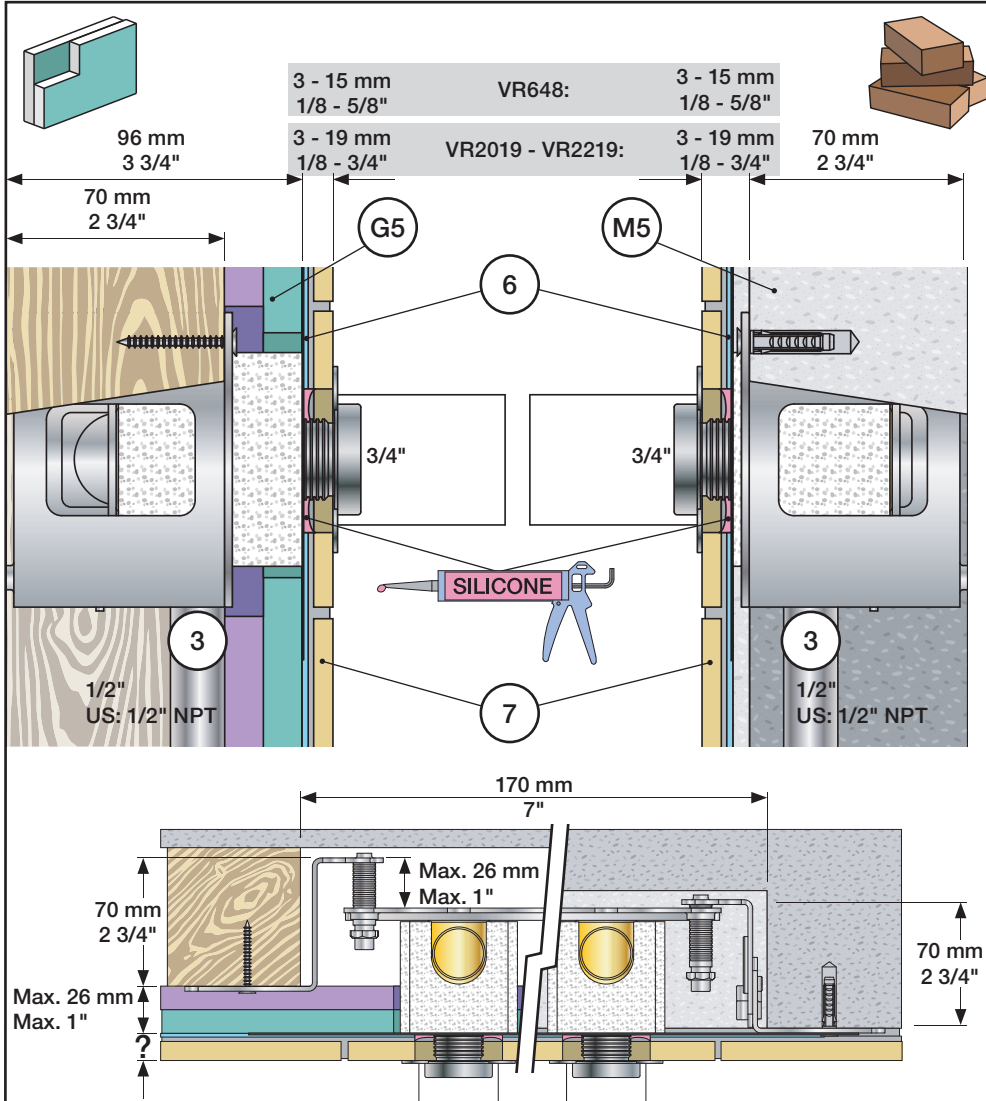


VOLA 200M

Fitting instruction
Montageanleitung
Monteringsvejledning

Monteringsvægledning
Montage hanleiding
Manuel de montage

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200M_V00 40998991



Extension
Verlängerung

Forlængerdele
Förlängning

Verlengstukken
Modification

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

VR2019, VR2119
VR2020, VR2219

VR648

VR2019, VR2020, VR2119, VR2219		
Tiles:	3 - 15 mm	Std.
Fliesen:	15 - 25 mm	+10
Fliser:	25 - 35 mm	+20
Tegels:	35 - 45 mm	+30
Carreaux:	45 - 55 mm	+40
	55 - 65 mm	+50

VR648:		
Tiles:	3 - 19 mm	Std.
Fliesen:	17 - 28 mm	+10
Fliser:	27 - 38 mm	+20
Tegels:	37 - 48 mm	+30
Carreaux:	47 - 58 mm	+40
	57 - 68 mm	+50

Std. 26 mm (1 inch)

+10 36 mm (1 3/8 inch)

+20 46 mm (1 3/4 inch)

+30 56 mm (2 1/4 inch)

+40 66 mm (2 1/2 inch)

+50 76 mm (3 inch)

VR2019 - VR2219:

VR648:

00

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+

VR648+

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1

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1
Check the local legislation.
Bitte die örtlichen Vorschriften überprüfen.
Tjek de lokale regler.
Kontrollera lokala föreskrifter
Nazitten lokale regelgeving.
Vérifiez la législation locale.

1A

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

2

3

4
Flush installation
Installation Spülen
Skyl installation

Skölj installation
Kraan doorspoelen
Rincer l'installation

M5
6

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

7

Outlet collars
Auslauf Muffen

Koblinger
Muffar

Koppelstukken
Douille de bec et des sorties

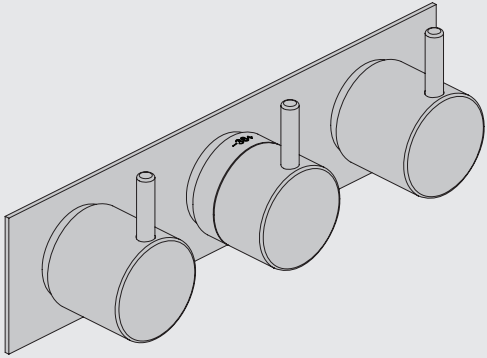
VOLA 5400A3, 5400VA3
VOLA 5400NA3, 5400NVA3, 5400FA3, 5400FVA3
VOLA 5400TA3, 5400TVA3, 5400RA3, 5400RVA3
VOLA 5600A3, 5600VA3

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Manuel de montage

3 Way Diverter
3-Wege-Umstellung
3-vejs omskifter

3-vägs omkastare
3-wegomstel
Inverseur à 3 voies



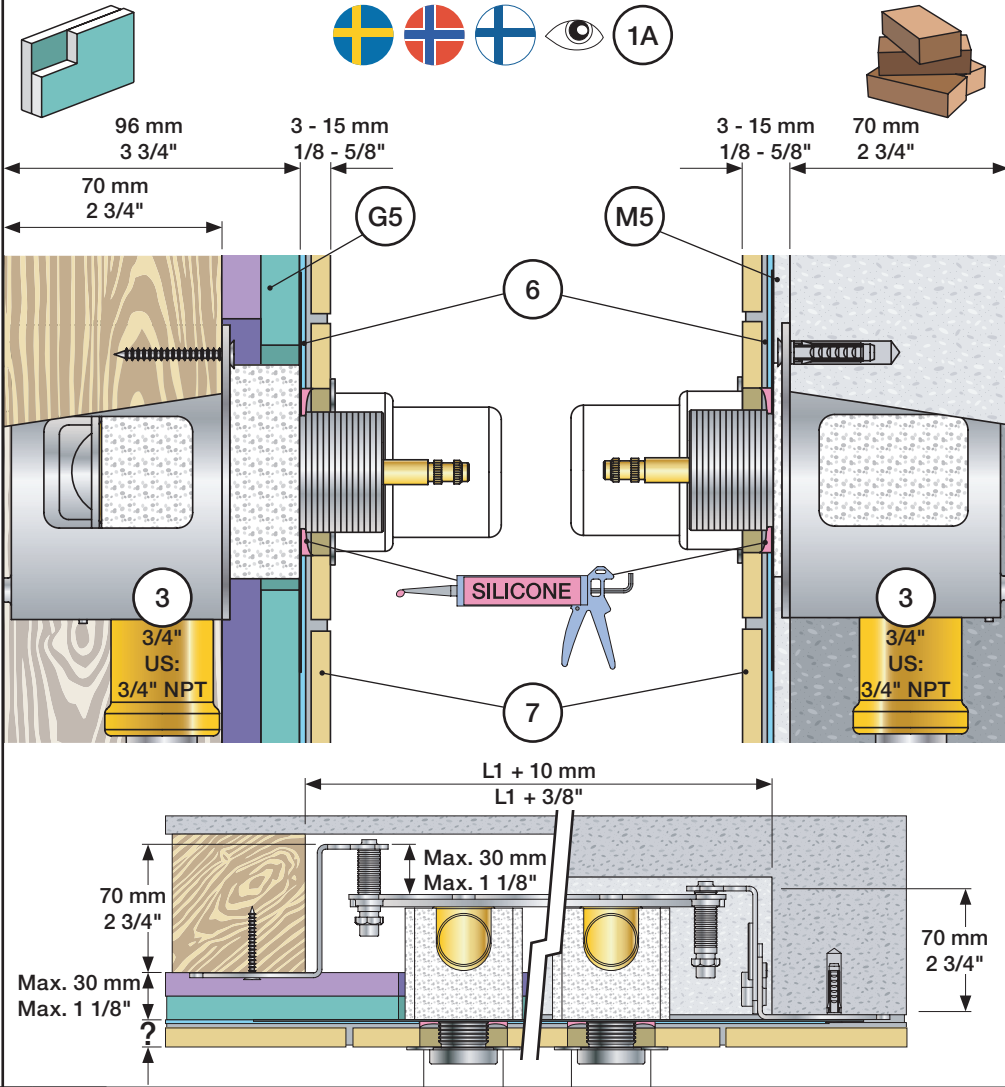
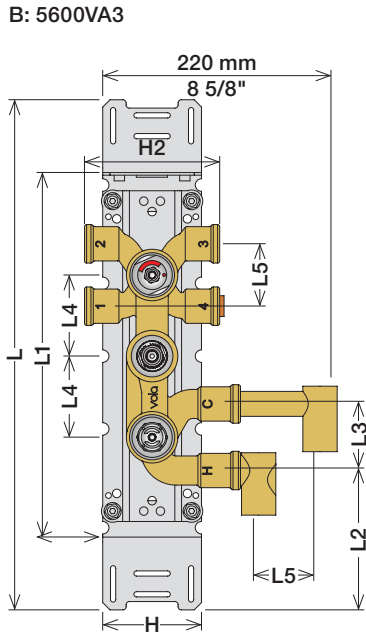
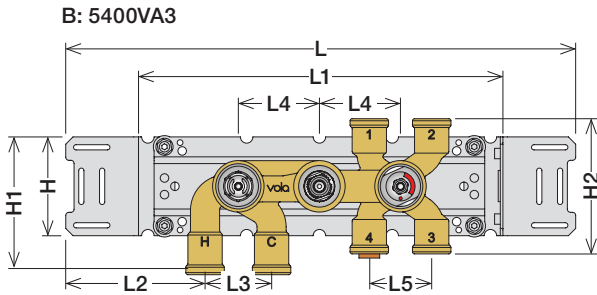
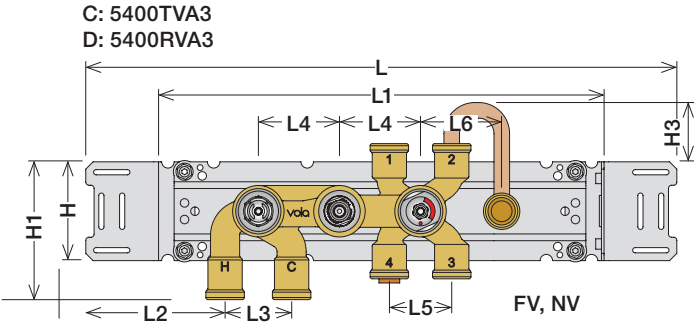
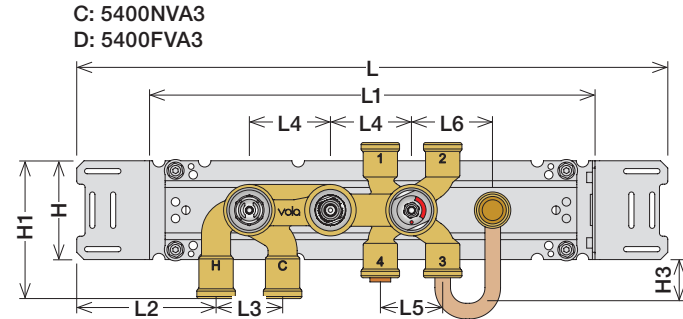
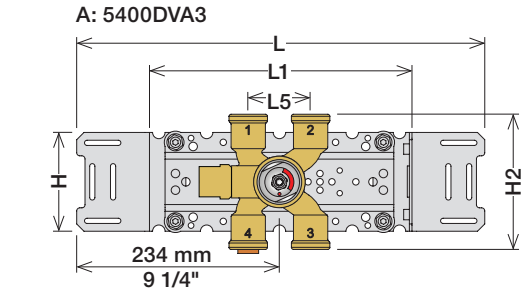
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mnt_5400A3_V_40999003



mm/Inch	L	L1	L2	L3	L4	L5	L6	H	H1	H2	H3
A	395 15 1/2"	260 10"	204 8"	-			-		-		-
B	490 19 1/2"	355 14"			78 3 1/16"	60 2 3/8"	-	95 3 3/4"		130 5 1/8"	-
C	570 23"	435 17"	133 5 1/4"	64 2 1/2"			78 3 1/16"	127 5"			54 2 1/8"
D	647 25 1/2"	512 20"					156 6 1/8"				

5400A3: 5400VA3 + 3 x 200M
5400NA3: 5400NVA3 + 2 x 200M
5400FA3: 5400FVA3 + 2 x 200M
5600A3: 5600VA3 + 3 x 200M

5400TA3: 5400TVA3 + 2 x 200M
5400RA3: 5400RVA3 + 2 x 200M



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

	1	2	3	1	M	2	M	3
Out 1	32/(8.5)			16/(4.2)				
Out 2					32/(8.5)			
Out 3						16/(4.2)		32/(8.5)

Max.: 10 Bar/145 psi

Max. 65°C, 150°F

USA: Minimum flow rate 1.8 gpm.

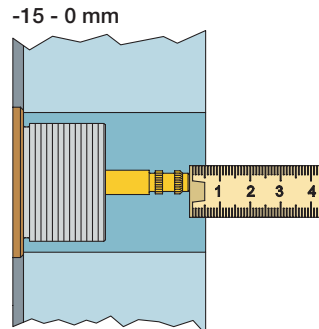
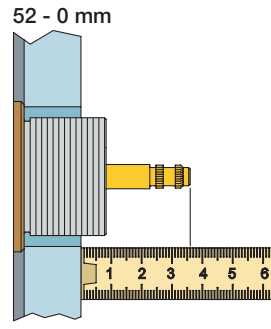
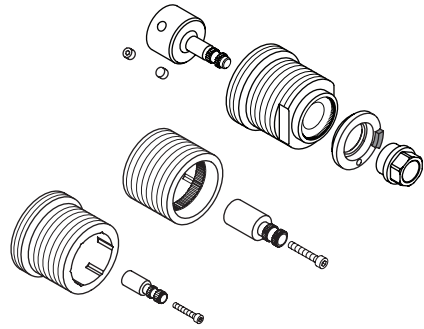
Extension
Verlängerung

Forlængerdele
Förlängning

Verlengstukken
Modification

Extension, retrofit
Verlängerung, nachträglicher Einbau
Forlængerdele, eftermontering

Förlängning, eftermontering
Aanpassing na montage
Modification après installation



	VR5250	VR5410	VR2019
Tiles:	3 - 15 mm Std.	Std.	Std.
Fliesen:	15 - 25 mm +10	+10	+10
Fliser:	25 - 35 mm +20	+20	+20
Tegels:	35 - 45 mm +30	+30	+30
Carreaux:	45 - 55 mm +40	+40	+40
	55 - 65 mm +50	+50	+50

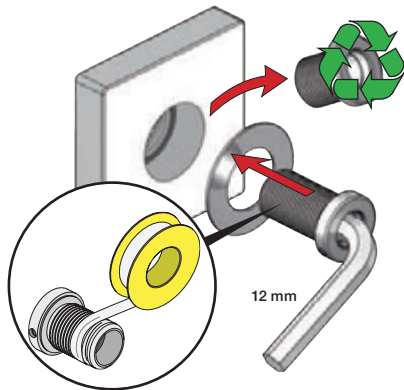
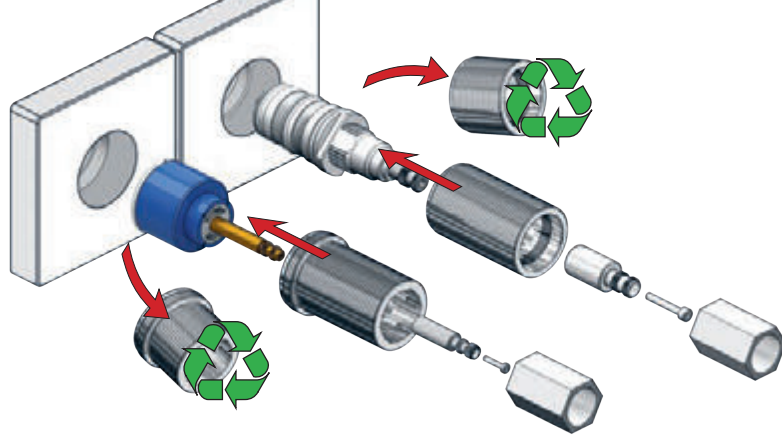
Fitting of extension
Montage von verlängerung

Montering af forlængerdele
Montering av förlängning

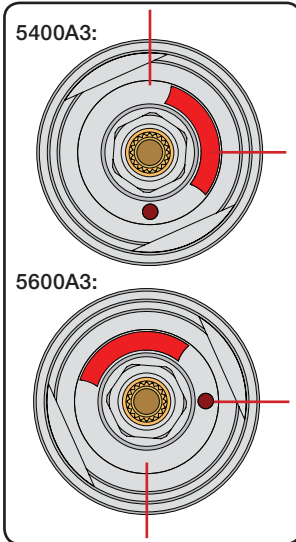
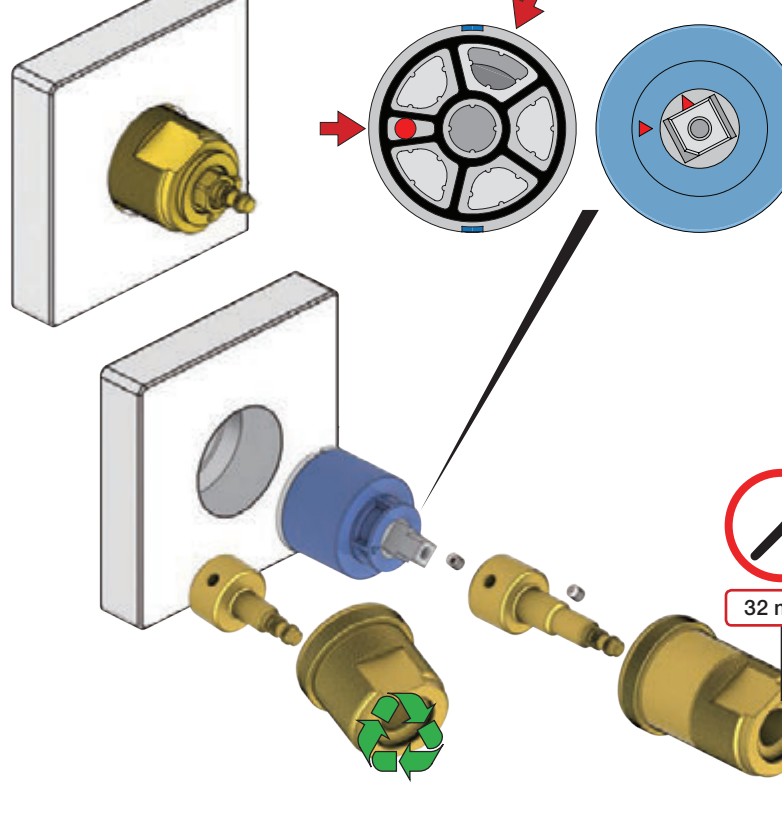
Montage van de verlengstukken
Montage des rallonges

VR5250

VR2019+, VR2119+



VR5410



14 mm

1

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

M5

G5

1A

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

2

3/4"

Max. 26 mm
Max. 1"

3/4"

Max. 26 mm
Max. 1"

3

BAR
PSI

3/4"
US: 3/4" NPT

Sverige: ENDAST PEX.
Se separat vägledning för PEX

VOLA PEX5

15 mm pex
18 mm pex

Cu

4

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

Pos.

▲

A 1

B 2

C 3

5400A3

5600A3

3 click!

5

5400A3

5600A3

3 click!

M5

6

G5

6

1x18 mm

2x13 mm

5 mm - 3/16"

PEX

2x13 mm

6

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

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

7

Ø52 mm
Ø2 1/16"

Ø42 mm
Ø1 5/8"

Ø52 mm
Ø2 1/16"

Ø42 mm
Ø1 5/8"

SILICONE

Handle assembly
Montage vom Griffe

Montage af greb
Montering av grepp

Installatie van de grip
l'installation de poignées

NR 51 - 1

VR2279C

VR2279B

VR2279

A

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

NR 51 - 2

VR2279C

VR2279B

VR2279

A

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

2.5 mm

NR 52 - 1

VR5277LK

VR5278

VR5269

38°C
100°F

NR 52 - 2

VR2279C

VR2279B

VR2279

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
Verbrûschutz
Skoldningssikring
Skållnings skydd
Broeien verzekeringen
Prévention des brûlures

38°C
100°F

38°C
100°F

38°C
100°F

38°C
100°F

NR 52 - 4

VR2279C

VR2279B

VR2279

A

2.5 mm

NR 64 - 1

VR2279C

VR2279B

VR2279

A

5400A3

5600A3

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

NR 64 - 2

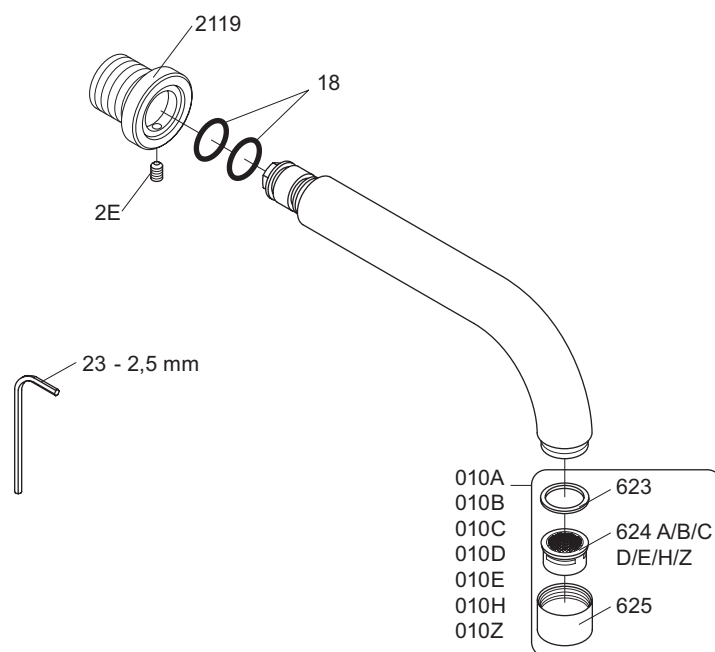
VR2279C

VR2279B

VR2279

A

2.5 mm



VR010A: VR623, VR624A
 VR010B: VR623, VR624B
 VR010C: VR623, VR624C
 VR010D: VR623, VR624D
 VR010E: VR623, VR624E
 VR010H: VR623, VR624H
 VR010Z: VR623, VR624Z



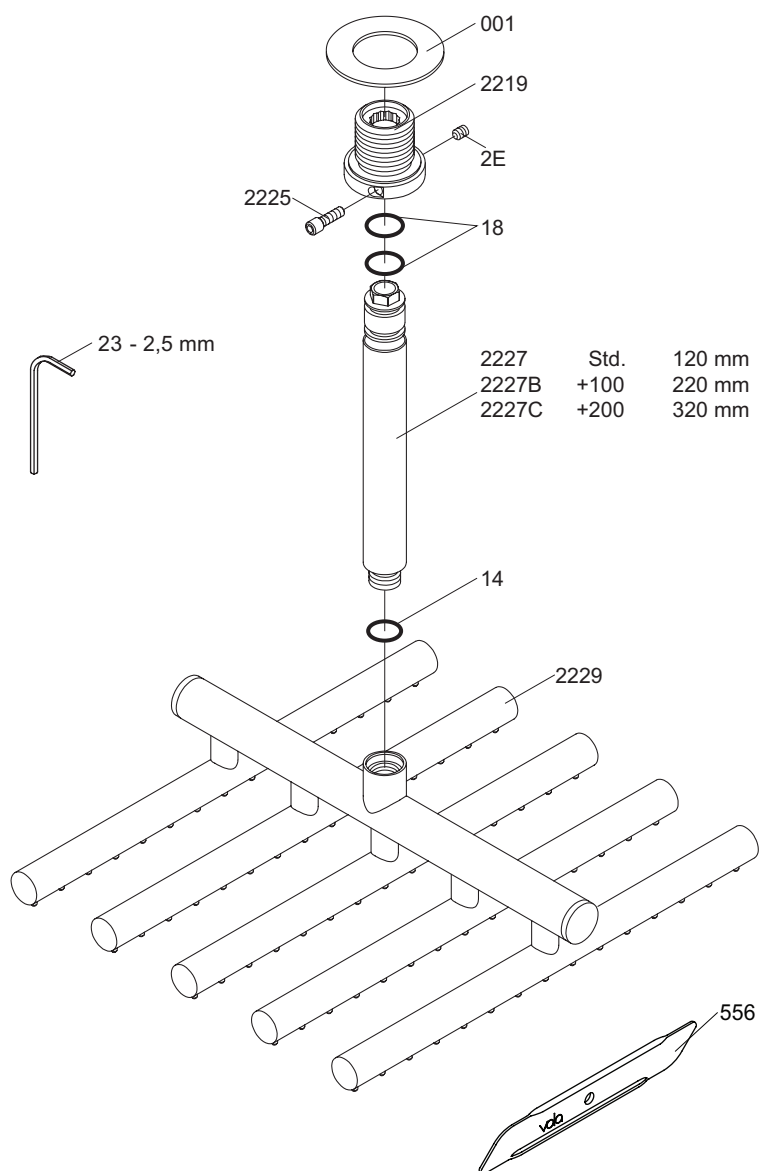
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VOLA 010C/020C

Date
 Oct. 16

Rev.
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Sheet
SB 11.1



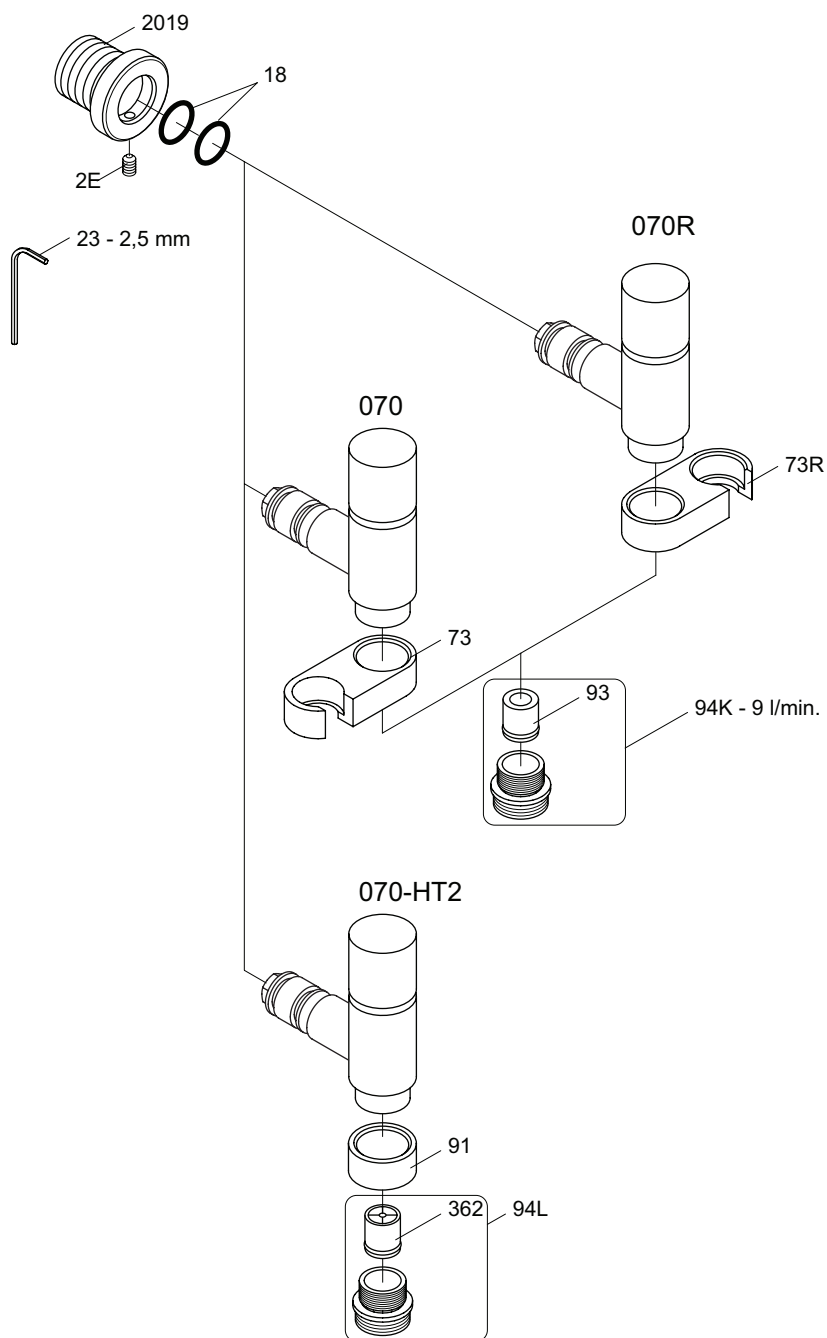
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VOLA 050A

Date
 Jun. 17

Rev.
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 SB 14.2



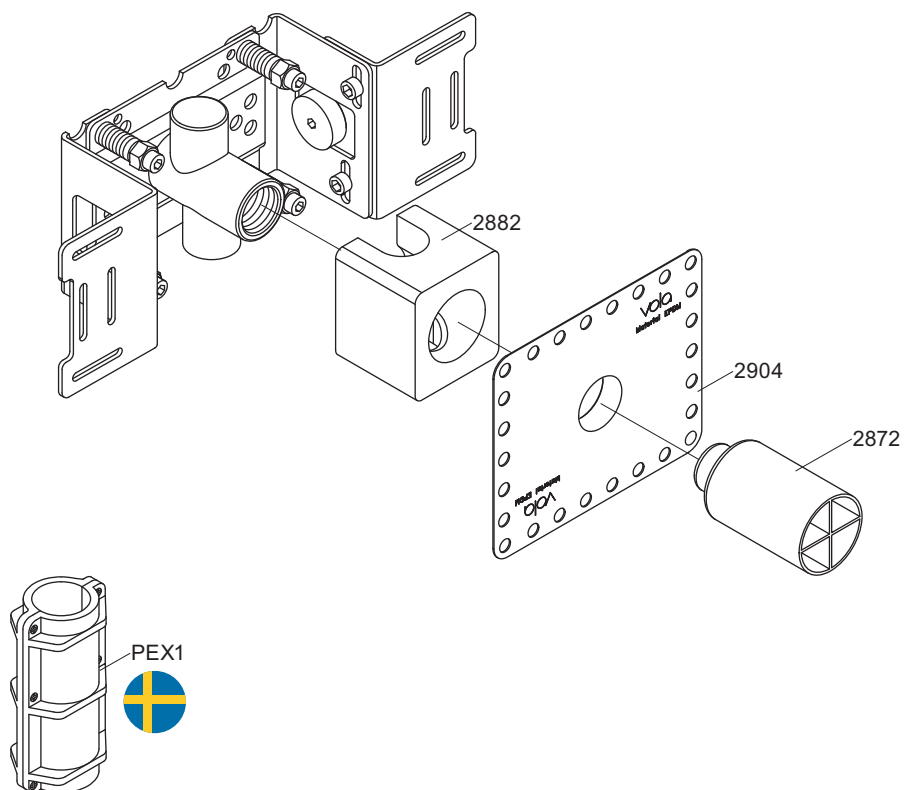
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VOLA 070, 070R 070-HT2

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4

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VOLA 200M

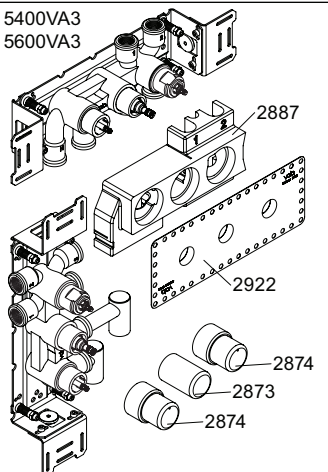
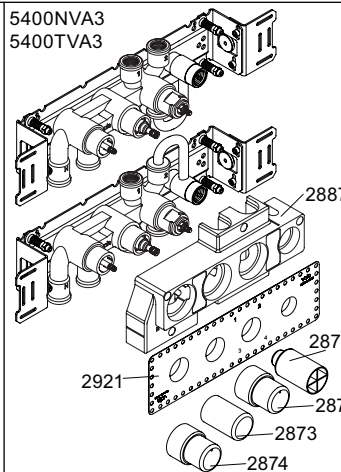
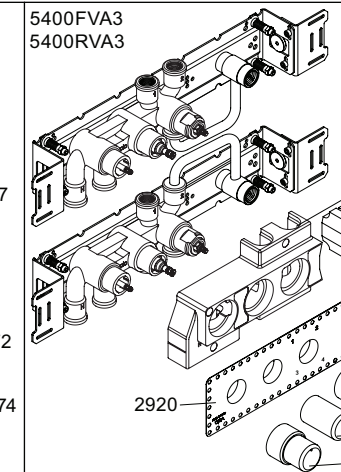
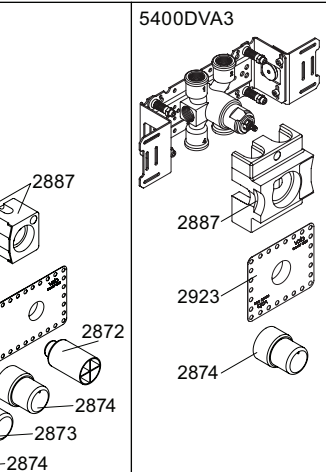
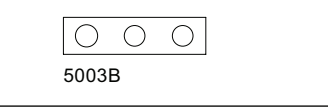
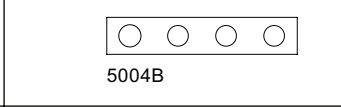
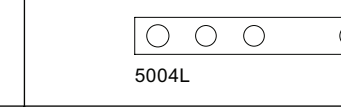
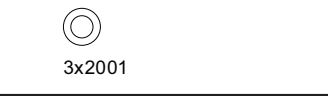
Date
Jan. 10

Rev.
2

Sheet
SB 2.3

5400VA3

Nr51:	VR5251, VR2279+B+C, VR2A
Nr52:	VR5252, VR5253, VR5255, VR5256, VR2279+B+C, VR3113, VR2A
Nr64:	VR5251, VR2279+B+C, VR2A
VR5250+:	VR5248+, VR5249+, VR5257, VR5258, VR5259, VR5260
VR5257+:	VR5257+, VR5259+
VR5258+:	VR5258+, VR5260+
VR5410+:	2xVR2C, VR5261+, VR5270+

 5400VA3 5600VA3	 5400NVA3 5400TVA3	 5400FVA3 5400RVA3	 5400DVA3
 5003B	 5004B	 5004L	
 3x2001	 3x2001, 001	 3x2001, 001	 2001

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		Rev. 4
		Sheet SB 10.54