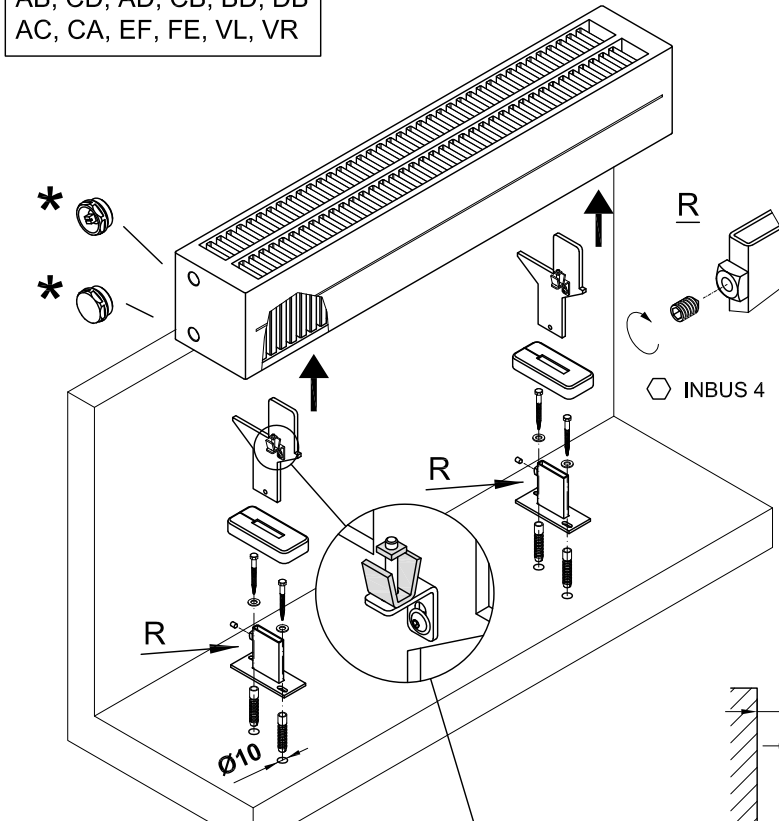


FLOOR: K21 - K55W

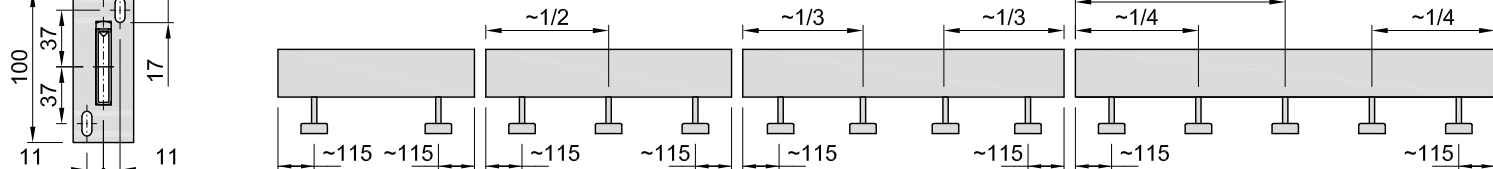
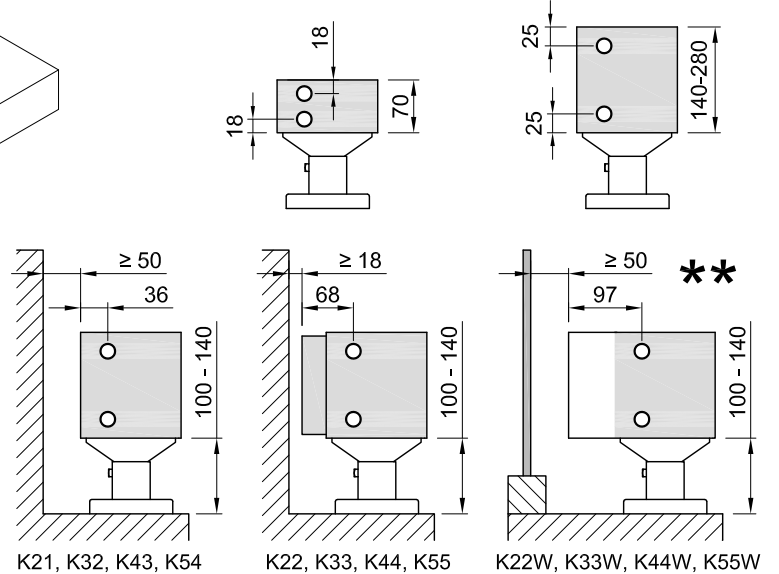
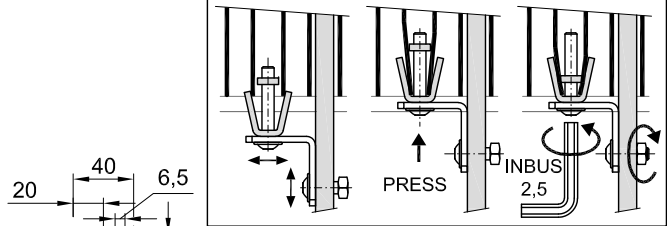
AB, CD, AD, CB, BD, DB
AC, CA, EF, FE, VL, VR

standard

F1



L [mm]	Model				
400 - 1000	K21 - K44W	2	2	2	4
	K54 - K55W	2	2	2	4
	K21 - K44W	2	2	2	4
1100 - 2000	K54 - K55W	3	3	3	6
	K21 - K44W	3	3	3	6
2200 - 4000	K54 - K55W	4	4	4	8
	K21 - K44W	4	4	4	8
4200 - 6000	K54 - K55W	5	5	5	10
	K21 - K44W	5	5	5	10



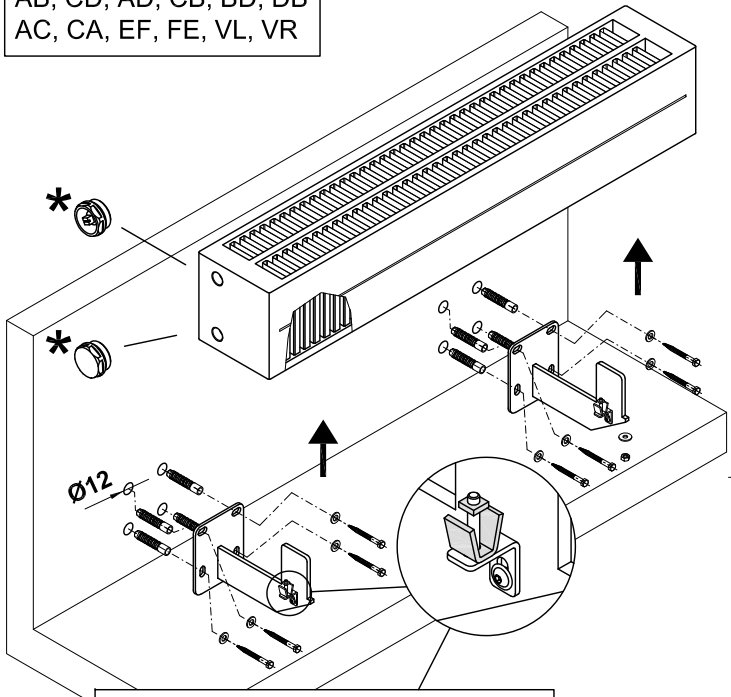
K21 - K44W	400 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm	---
K54 - K55W	400 - 1000 mm	1100 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm

WALL: K21 - K55W

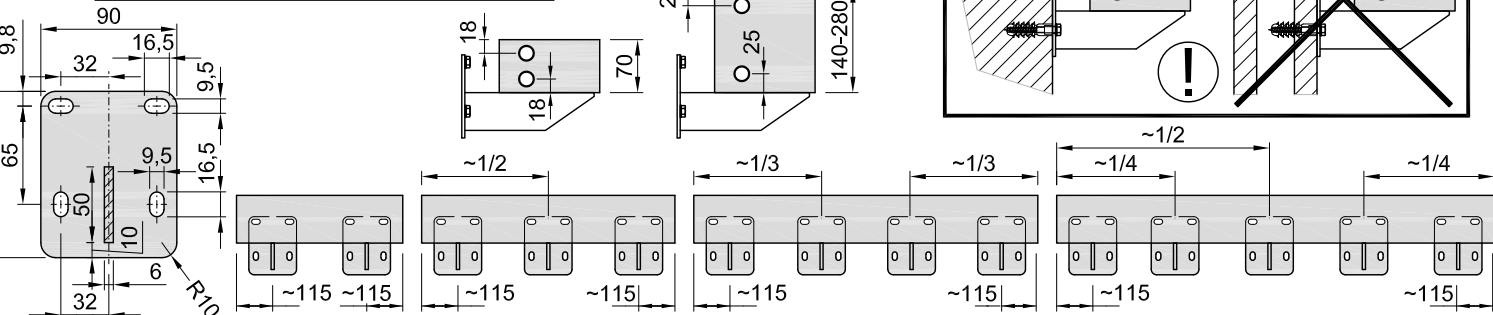
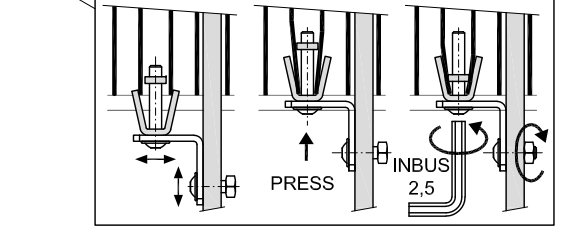
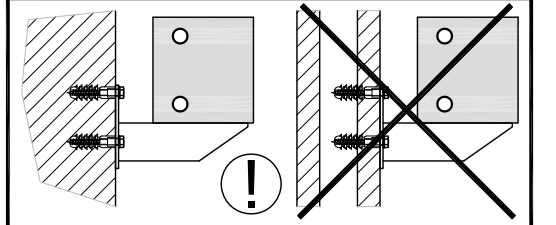
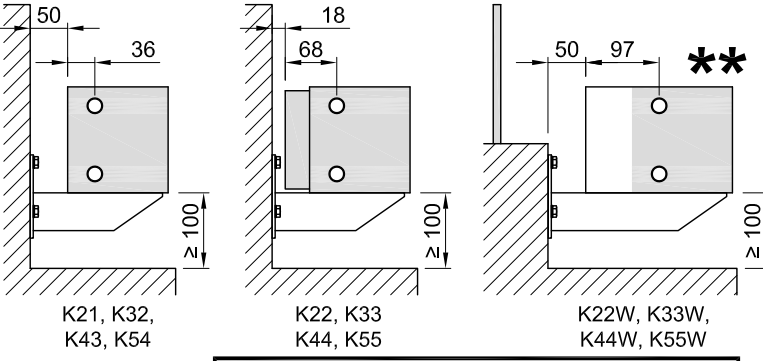
AB, CD, AD, CB, BD, DB
AC, CA, EF, FE, VL, VR

standard

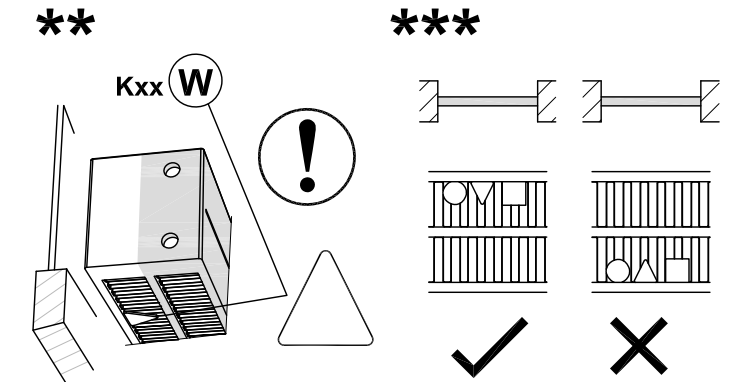
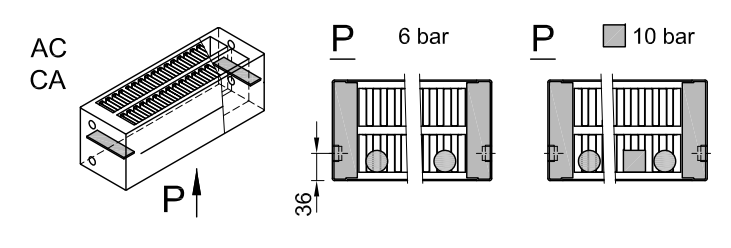
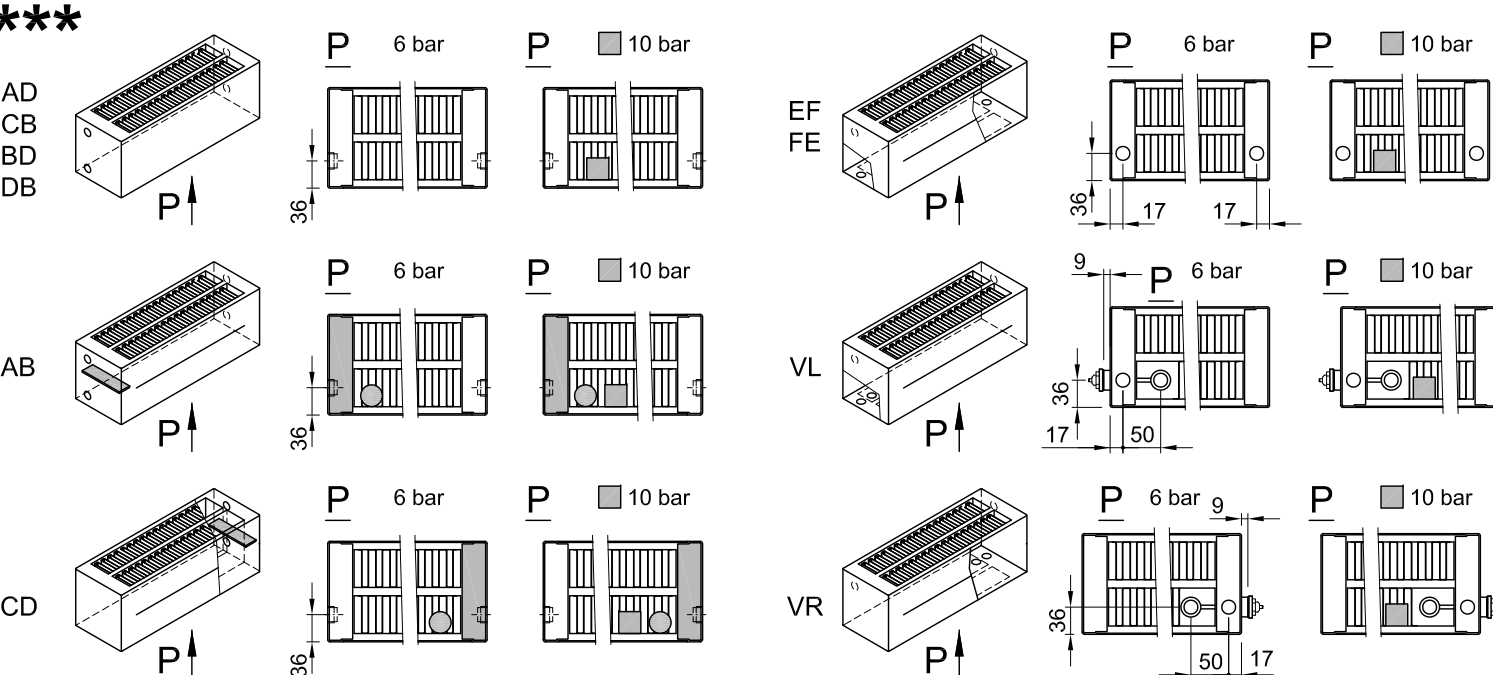
W1



L [mm]	Model			
400 - 1000	K21 - K44W	2	2	8
	K54 - K55W	2	2	8
	K21 - K44W	2	2	8
1100 - 2000	K54 - K55W	3	3	12
	K21 - K44W	3	3	12
2200 - 4000	K54 - K55W	4	4	16
	K21 - K44W	4	4	16
4200 - 6000	K54 - K55W	5	5	20
	K21 - K44W	5	5	20



K21 - K44W	400 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm	---
K54 - K55W	400 - 1000 mm	1100 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm



*	=	G1/2"
	=	G1/2"
AD		
CB		
BD		
DB		
AC		

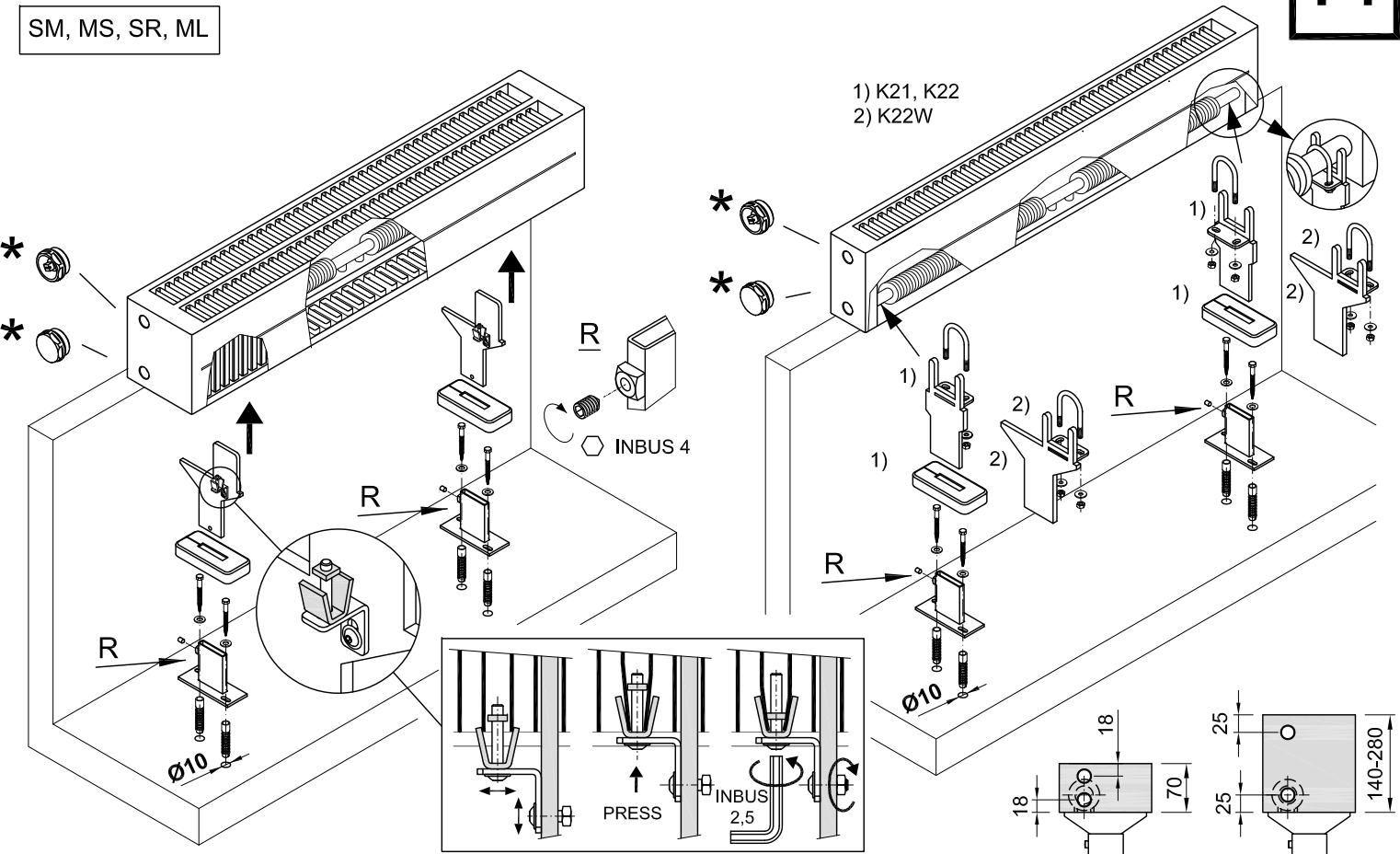
CA	
AB	
CD	
EF	
FE	
VL	
VR	

FLOOR: K21 - K55W

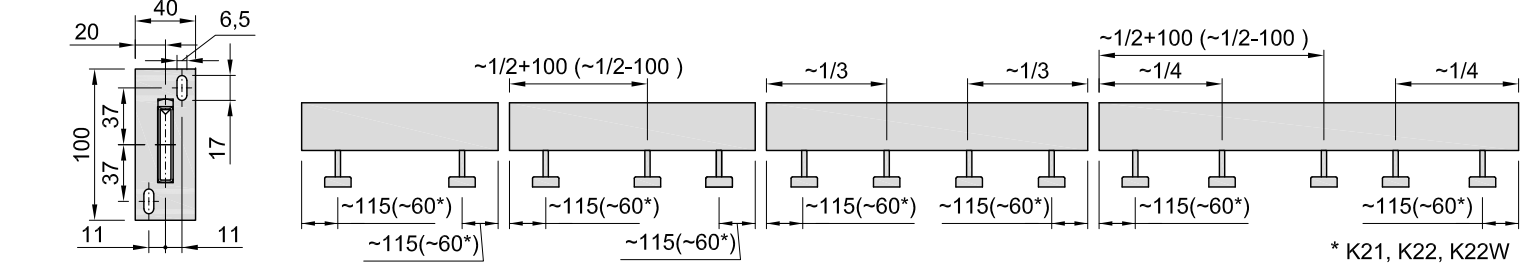
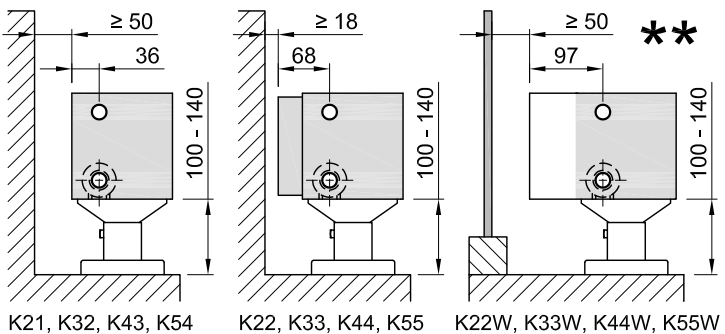
SM, MS, SR, ML

middle (central)

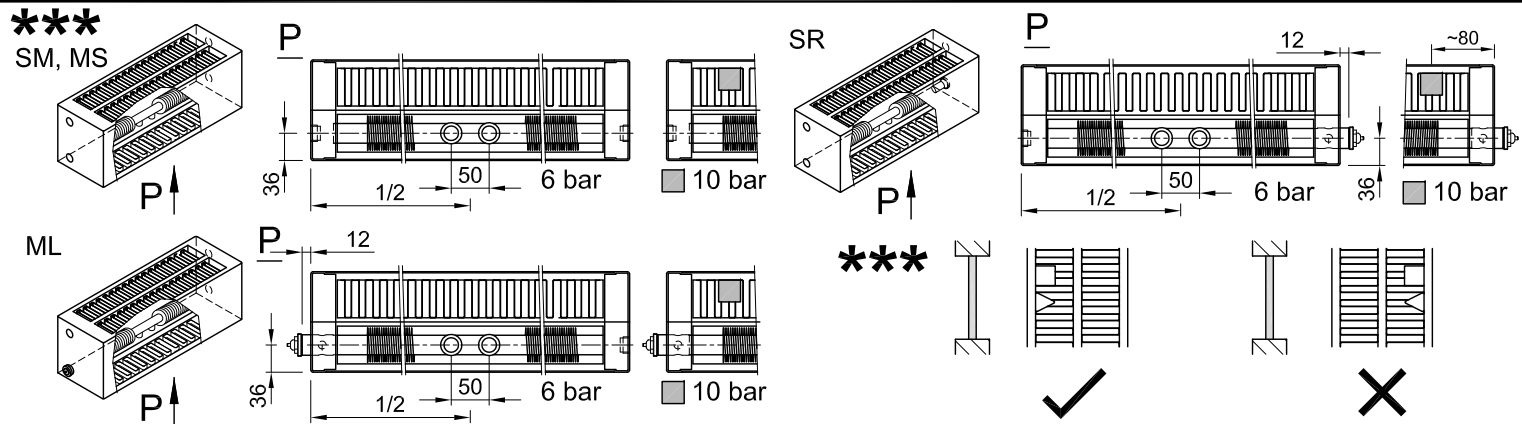
F1



L [mm]	Model				
400 - 1000	K21 - K44W	2	2	2	4
	K54 - K55W	2	2	2	4
1100 - 2000	K21 - K44W	2	2	2	4
	K54 - K55W	3	3	3	6
2200 - 4000	K21 - K44W	3	3	3	6
	K54 - K55W	4	4	4	8
4200 - 6000	K21 - K44W	4	4	4	8
	K54 - K55W	5	5	5	10



K21 - K44W	400 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm	---
K54 - K55W	400 - 1000 mm	1100 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm

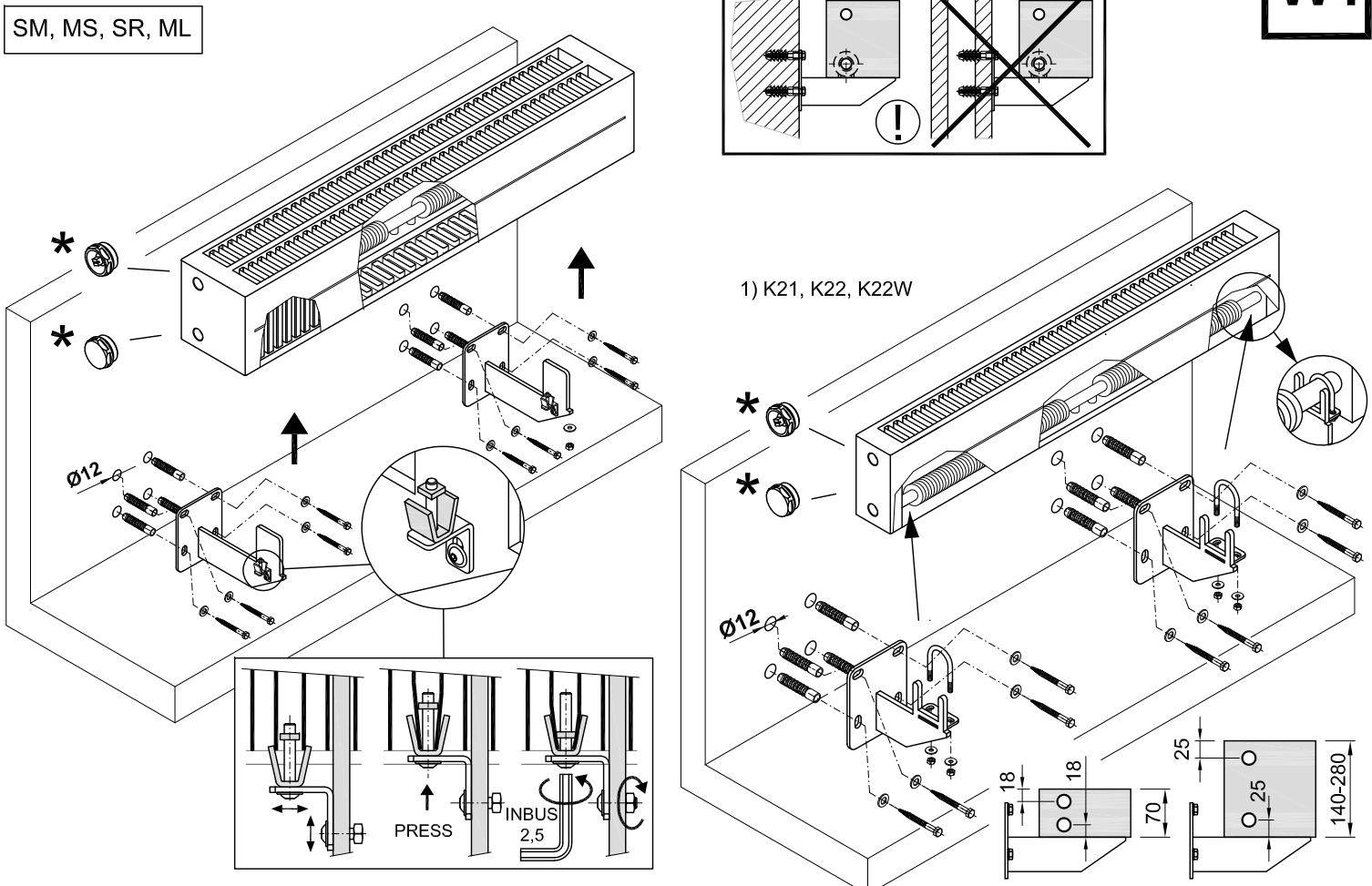


WALL: K21 - K55W

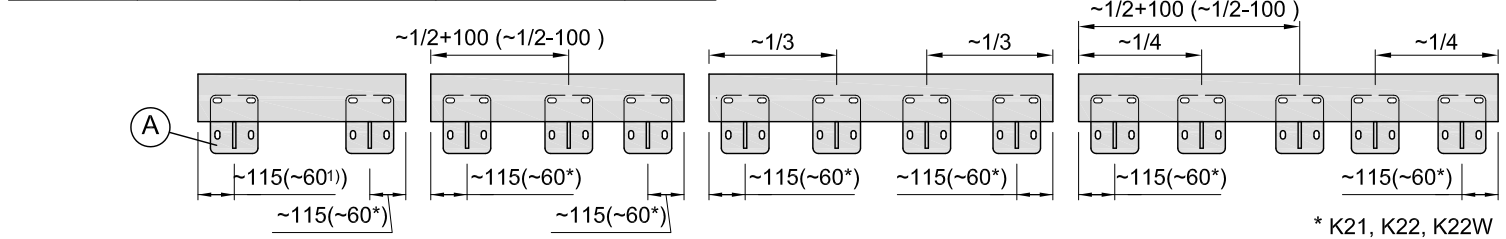
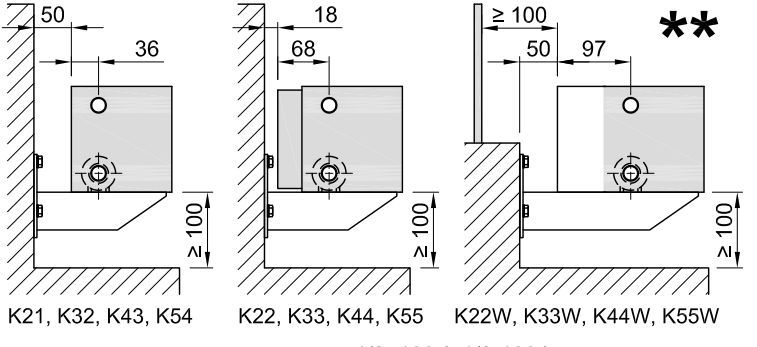
SM, MS, SR, ML

middle (central)

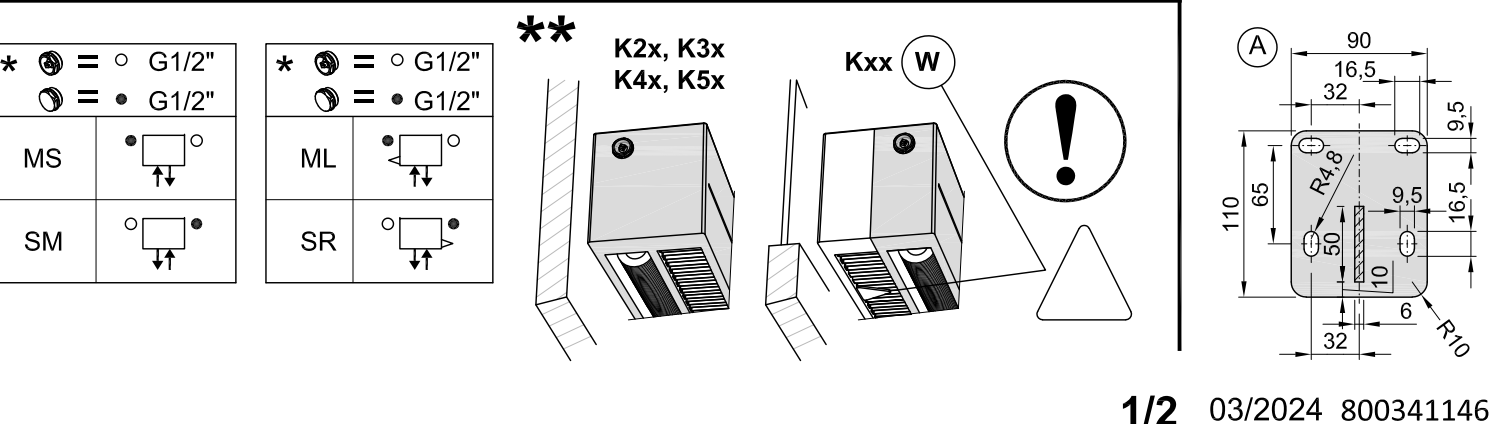
W1



L [mm]	Model				
400 - 1000	K21 - K44W	2	2	2	4
	K54 - K55W	2	2	2	4
1100 - 2000	K21 - K44W	2	2	2	4
	K54 - K55W	3	3	3	6
2200 - 4000	K21 - K44W	3	3	3	6
	K54 - K55W	4	4	4	8
4200 - 6000	K21 - K44W	4	4	4	8
	K54 - K55W	5	5	5	10

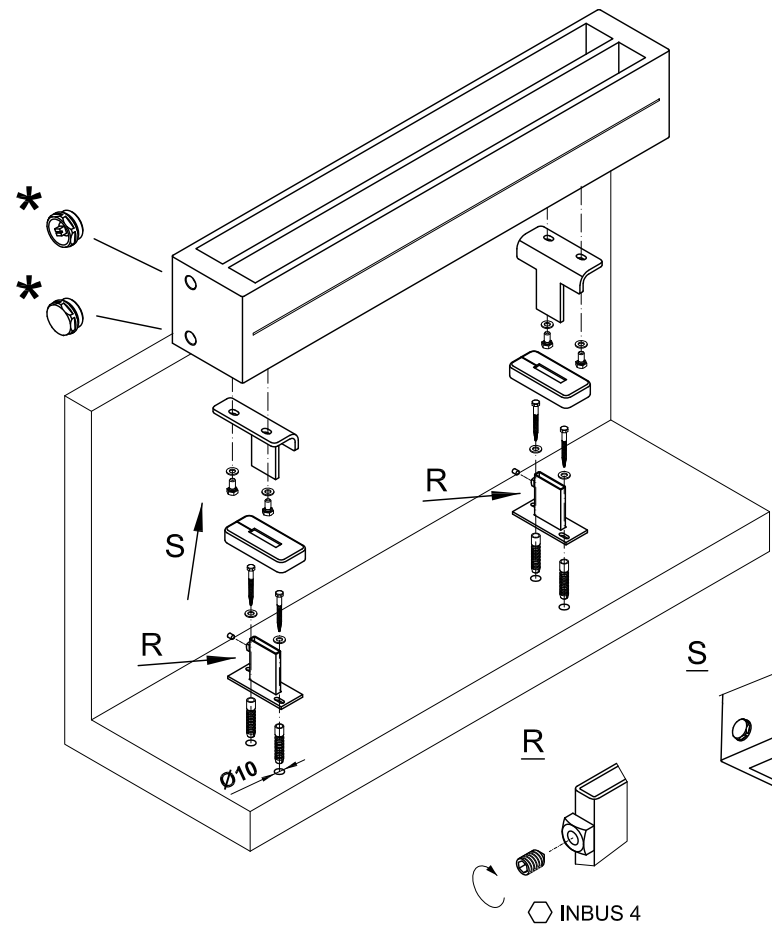


K21 - K44W	400 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm	---
K54 - K55W	400 - 1000 mm	1100 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm



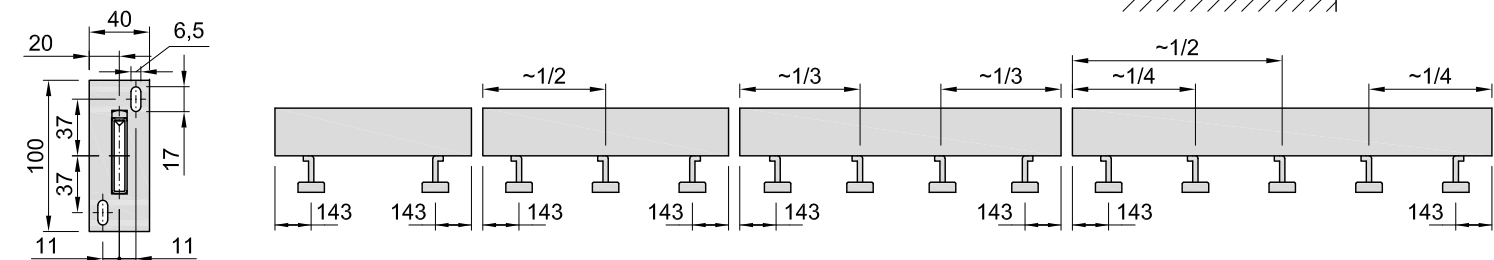
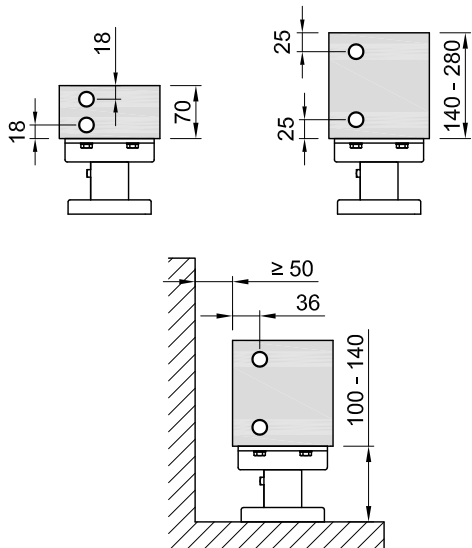
FLOOR: K20, K30, K40, K50
AB, CD, AD, CB, BD, DB, AC, CA, EF, FE, VL, VR

special **F1**



L [mm]	Model				
400 - 1000	K20, K30, K40	2	2	4 (2)	4
	K50	2	2	4 (2)	4
1100 - 2000	K20, K30, K40	2	2	4 (2)	4
	K50	3	3	6 (3)	6
2200 - 4000	K20, K30, K40	3	3	6 (3)	6
	K50	4	4	8 (4)	8
4200 - 6000	K20, K30, K40	4	4	8 (4)	8
	K50	5	5	10 (5)	10

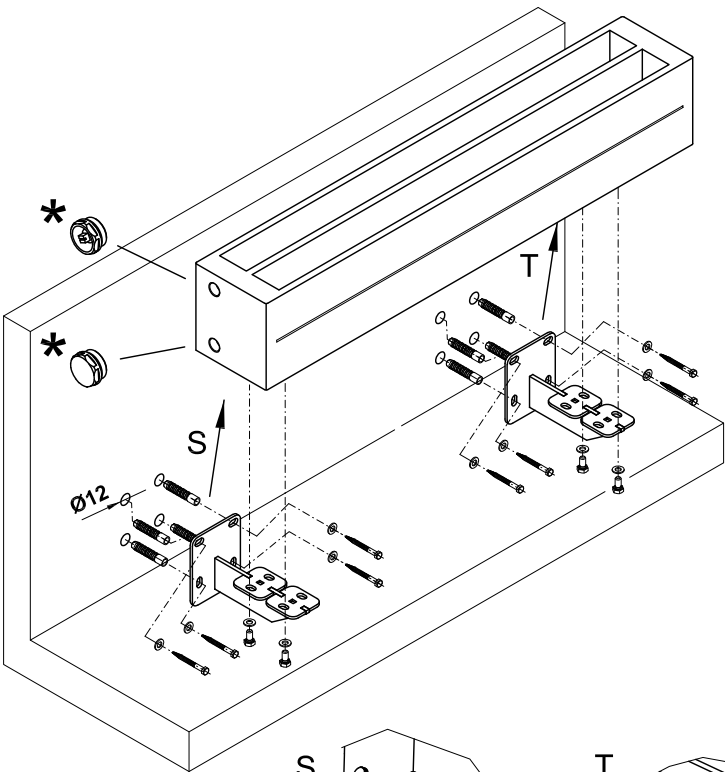
(x) K20



K20, K30, K40	400 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm	---
K50	400 - 1000 mm	1100 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm

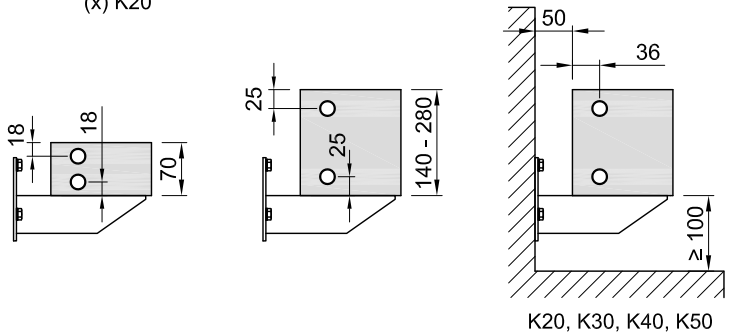
WALL: K20, K30, K40, K50
AB, CD, AD, CB, BD, DB, AC, CA, EF, FE, VL, VR

special **W1**

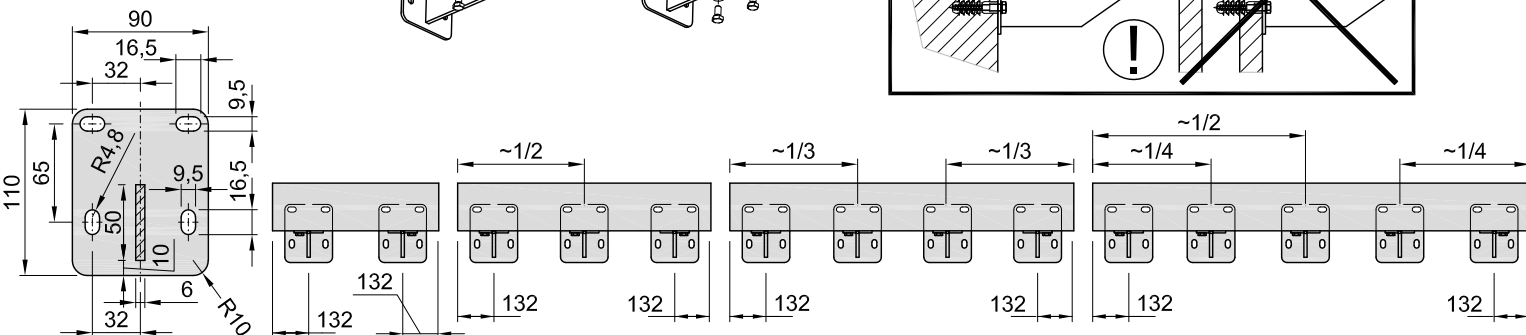
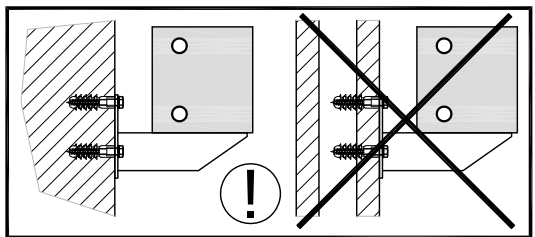


L [mm]	Model			
400 - 1000	K20, K30, K40	2	4 (2)	8
	K50	2	4 (2)	8
1100 - 2000	K20, K30, K40	2	4 (2)	8
	K50	3	6 (3)	12
2200 - 4000	K20, K30, K40	3	6 (3)	12
	K50	4	8 (4)	16
4200 - 6000	K20, K30, K40	4	8 (4)	16
	K50	5	10 (5)	20

(x) K20

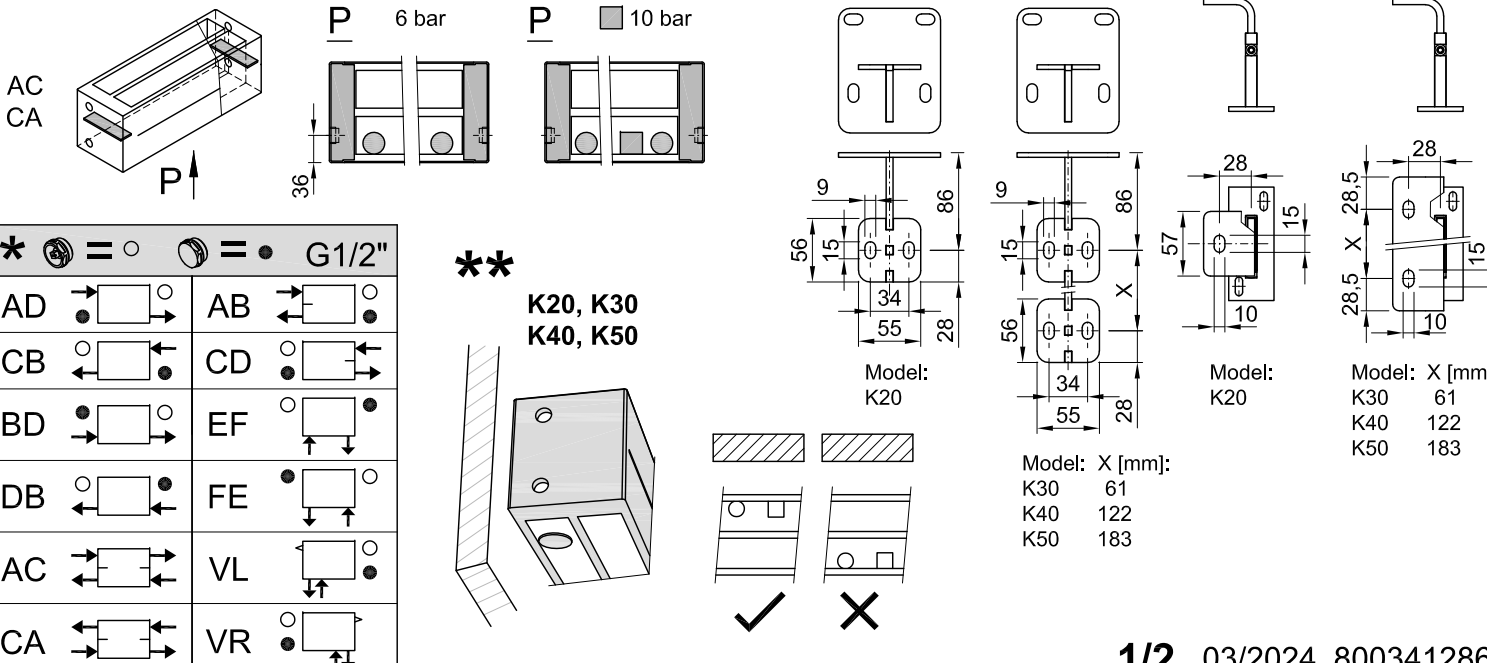
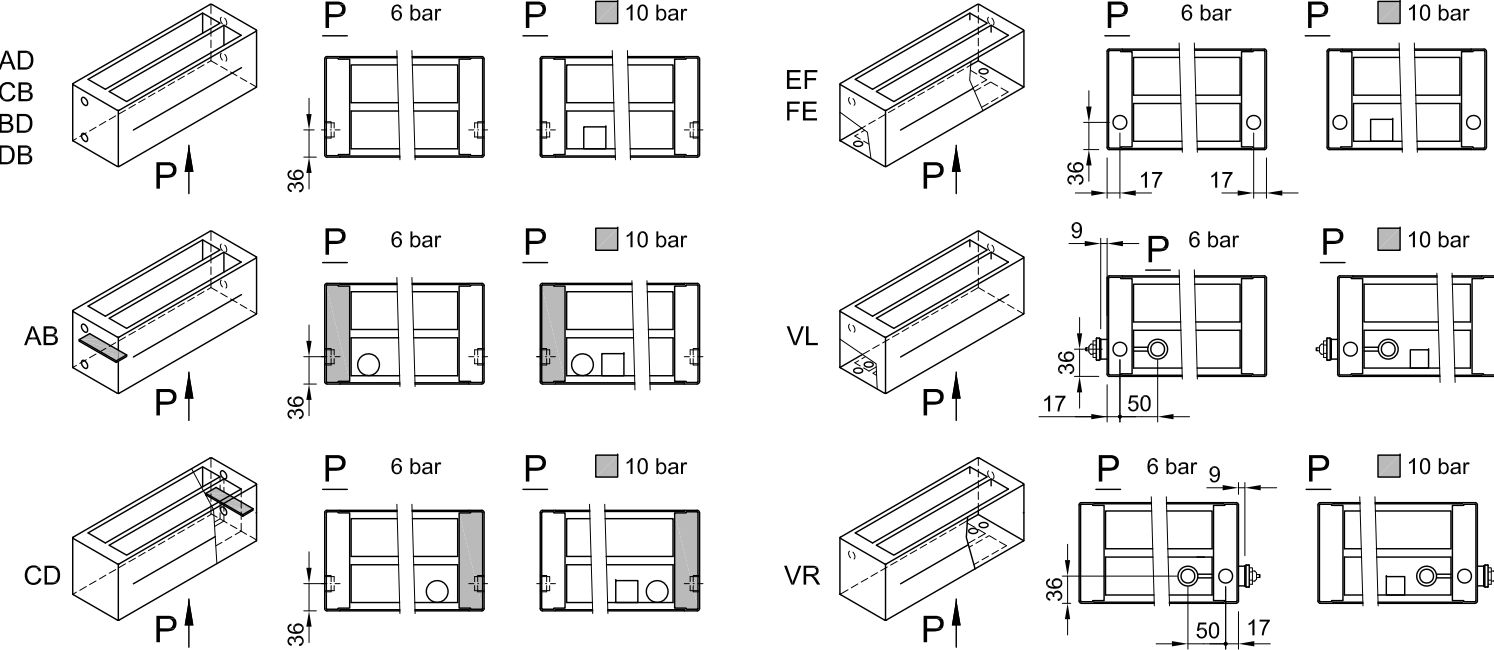


K20, K30, K40, K50



K20, K30, K40	400 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm	---
K50	400 - 1000 mm	1100 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm

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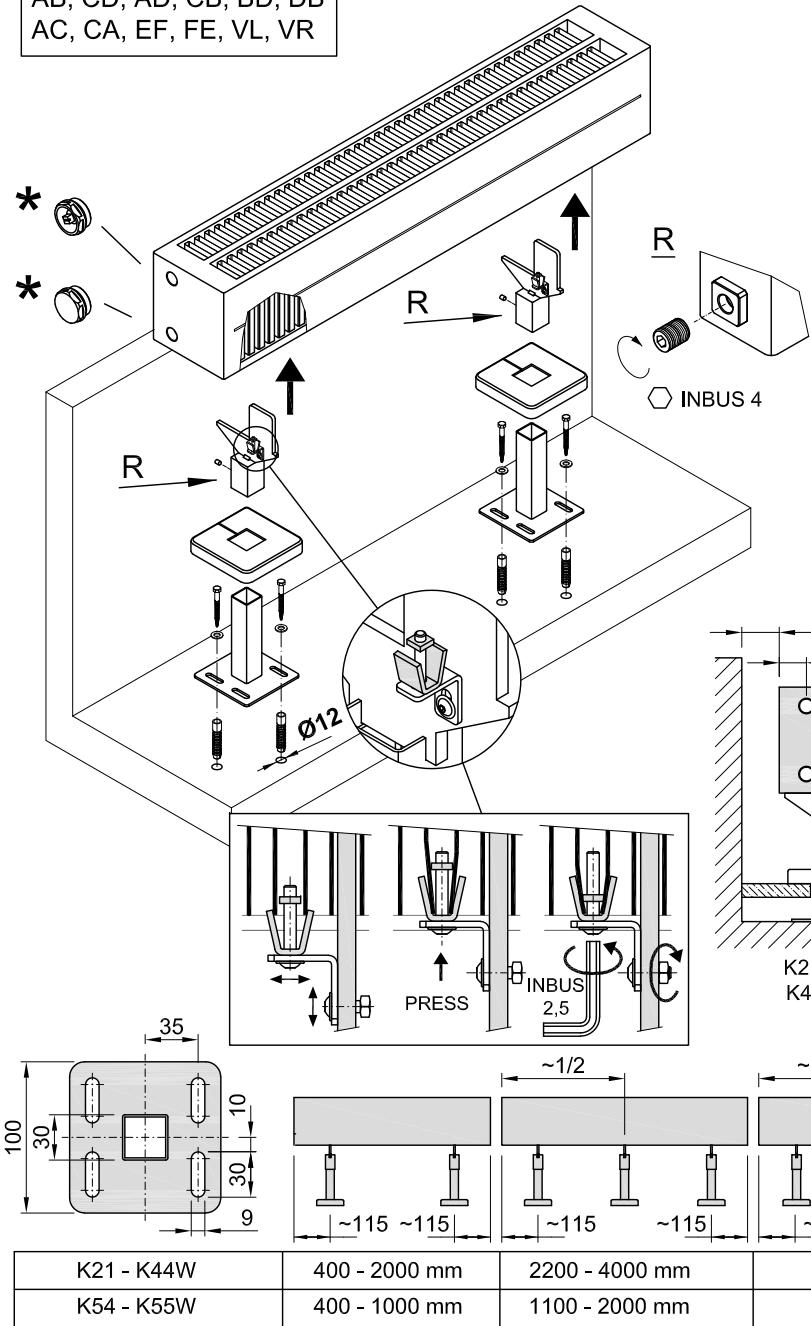
*  =  =  =  G 1/2"			
AD	  	AB	  
CB	  	CD	   
BD	  	EF	   
DB	  	FE	   
AC	  	VL	 
CA	  	VR	   

SUBFLOOR: K21 - K55W

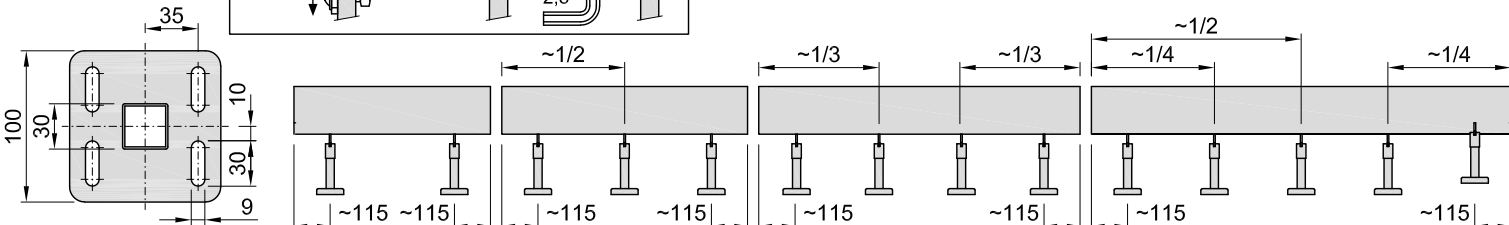
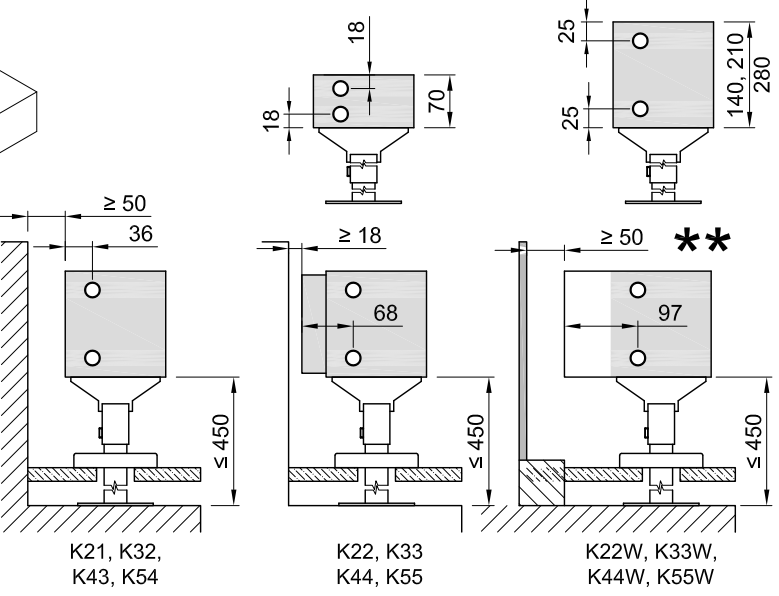
AB, CD, AD, CB, BD, DB
AC, CA, EF, FE, VL, VR

standard

F4



L [mm]	Model				
400 - 1000	K21 - K44W	2	2	2	4
	K54 - K55W	2	2	2	4
	K21 - K44W	2	2	2	4
1100 - 2000	K54 - K55W	3	3	3	6
	K21 - K44W	3	3	3	6
2200 - 4000	K54 - K55W	4	4	4	8
	K21 - K44W	4	4	4	8
4200 - 6000	K54 - K55W	5	5	5	10



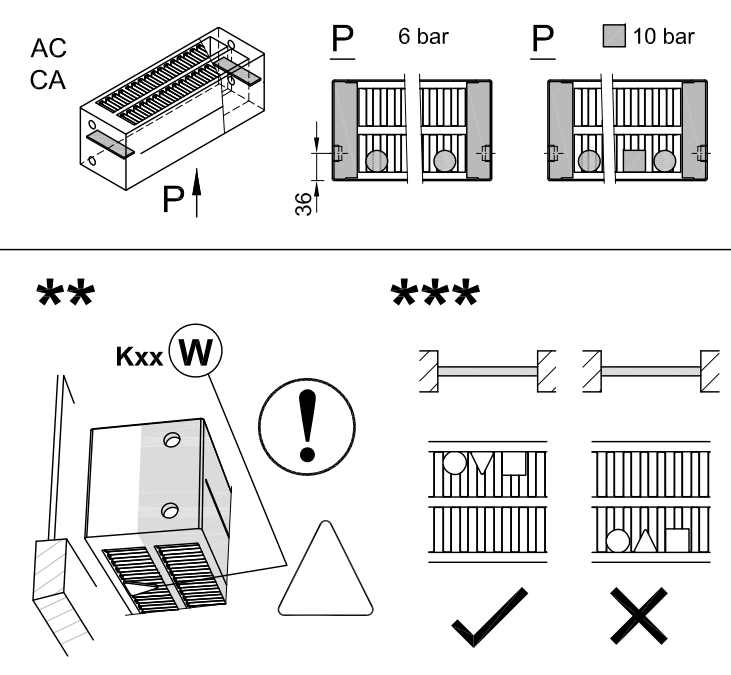
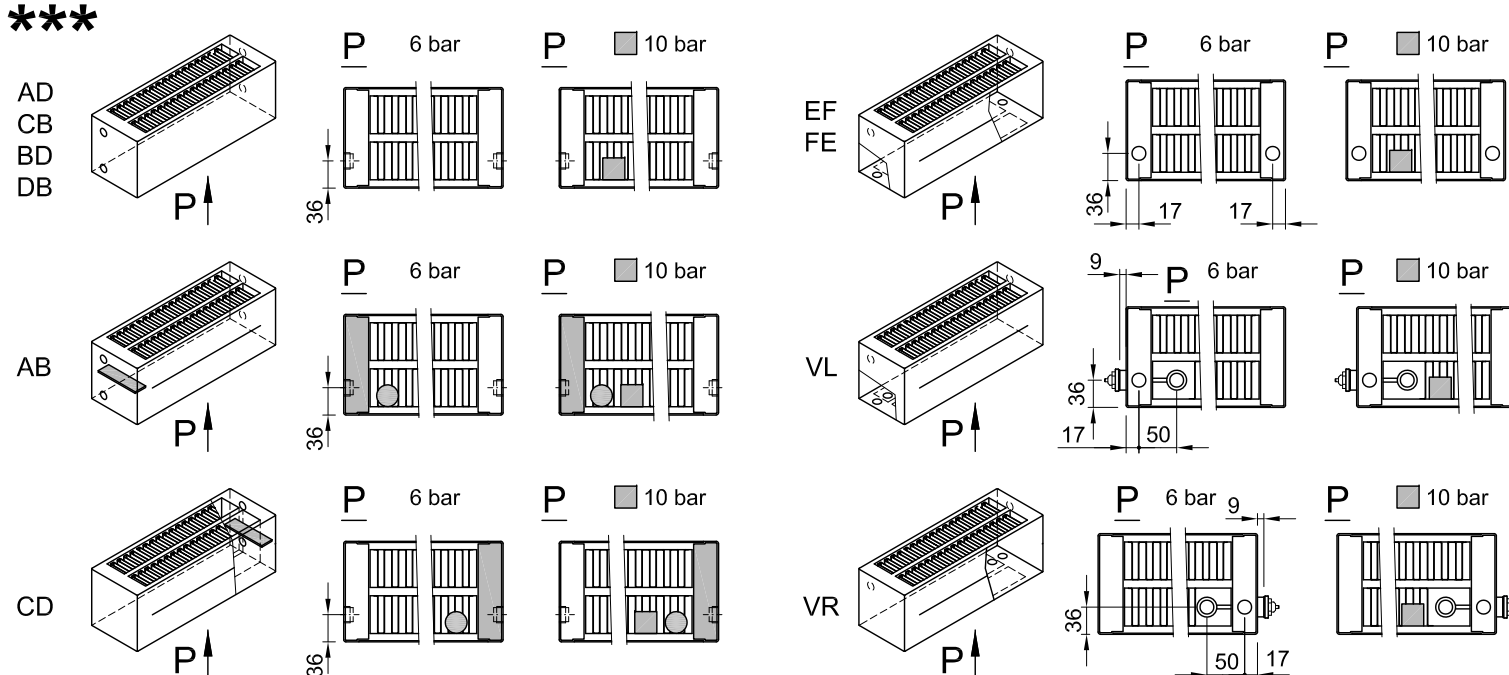
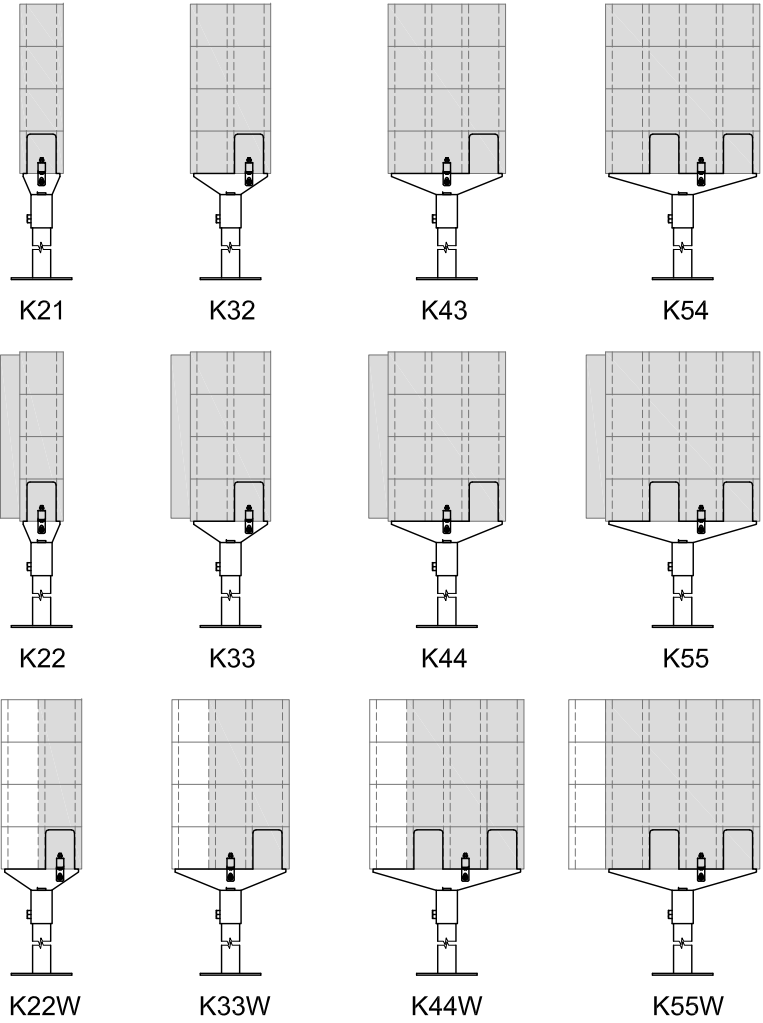
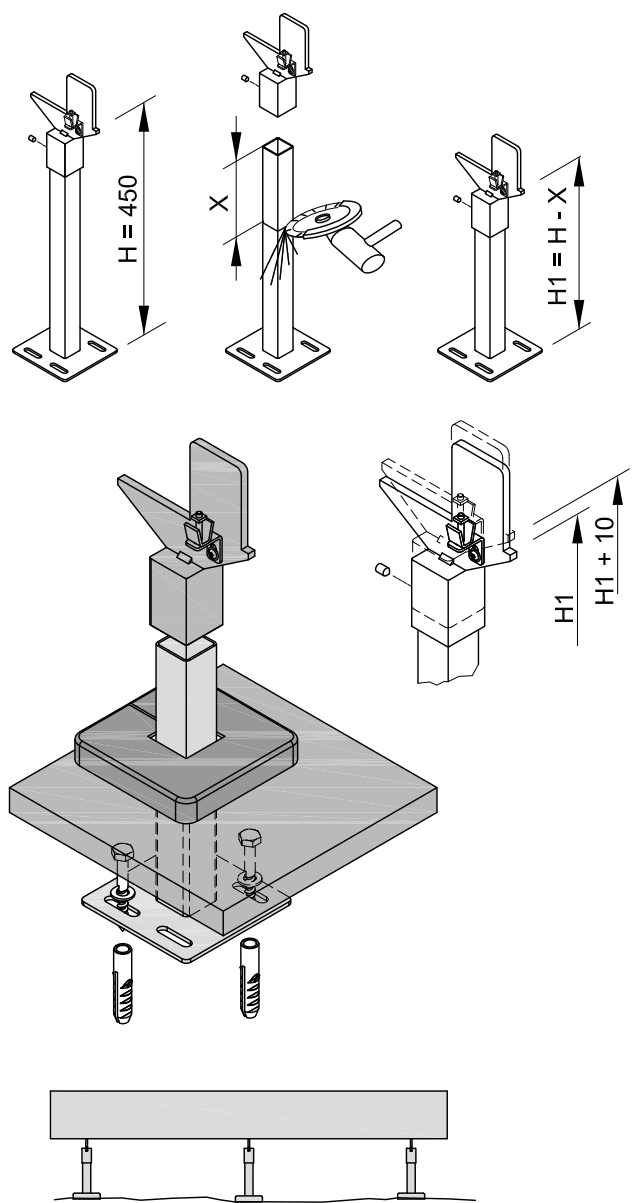
K21 - K44W	400 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm	---
K54 - K55W	400 - 1000 mm	1100 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm

SUBFLOOR: K21 - K55W

AB, CD, AD, CB, BD, DB
AC, CA, EF, FE, VL, VR

standard

F4



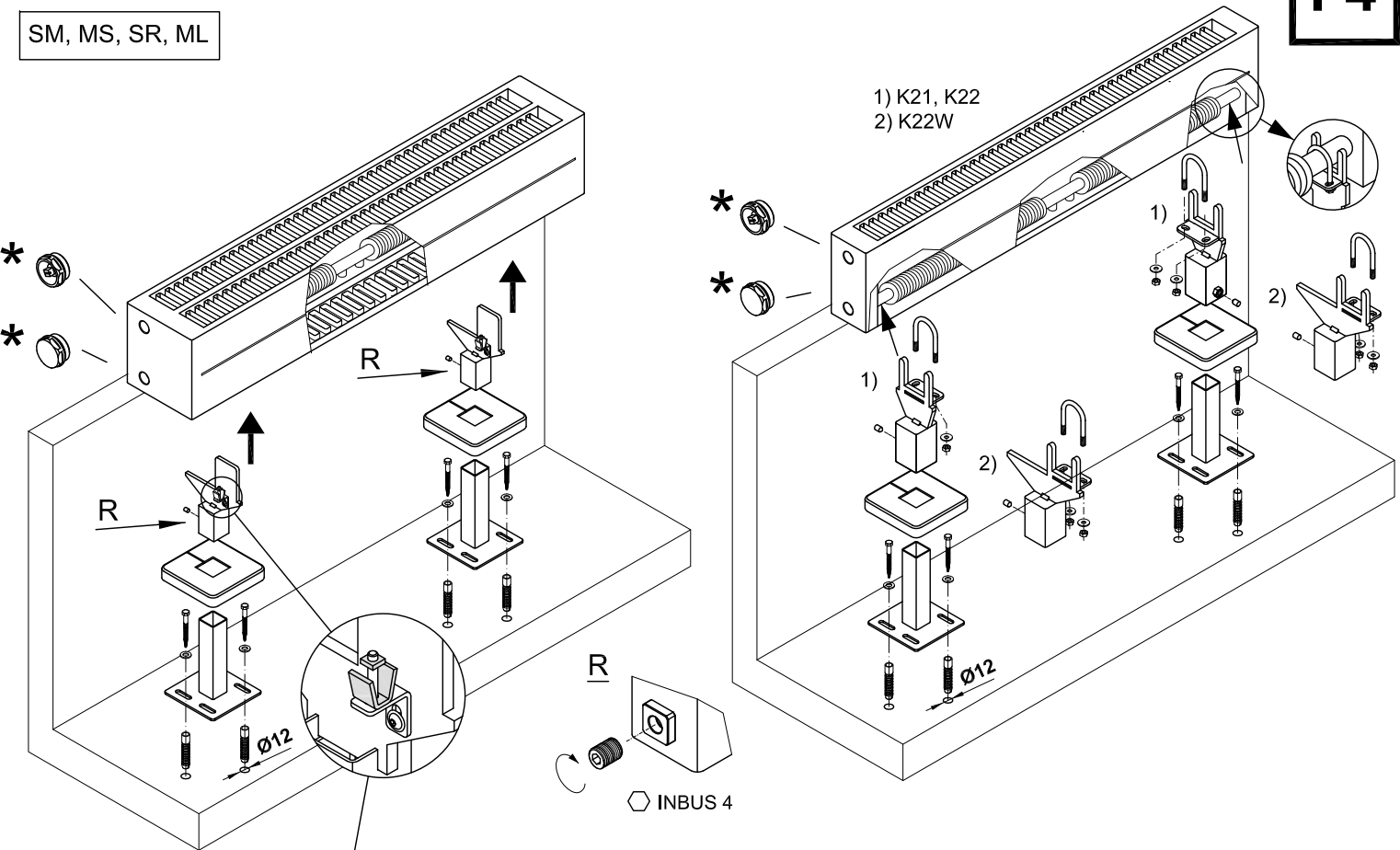
AD		CA	
CB		AB	
BD		CD	
DB		EF	
AC		FE	
		VL	
		VR	

SUBFLOOR: K21 - K55W

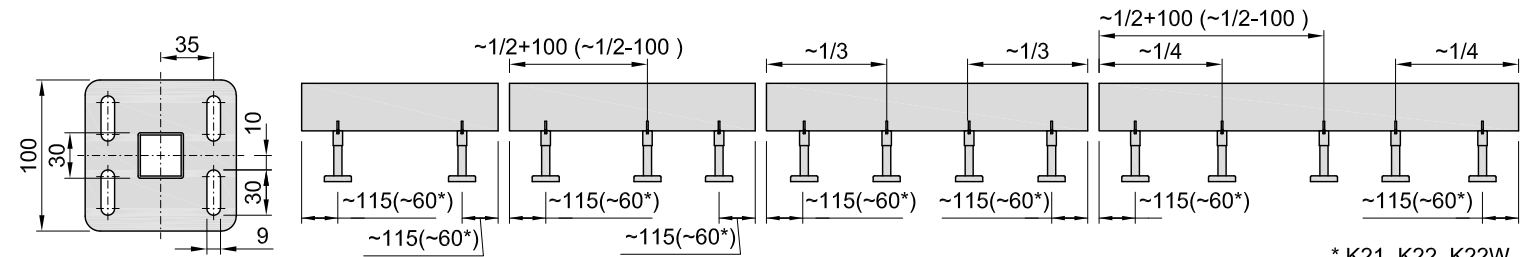
SM, MS, SR, ML

middle (central)

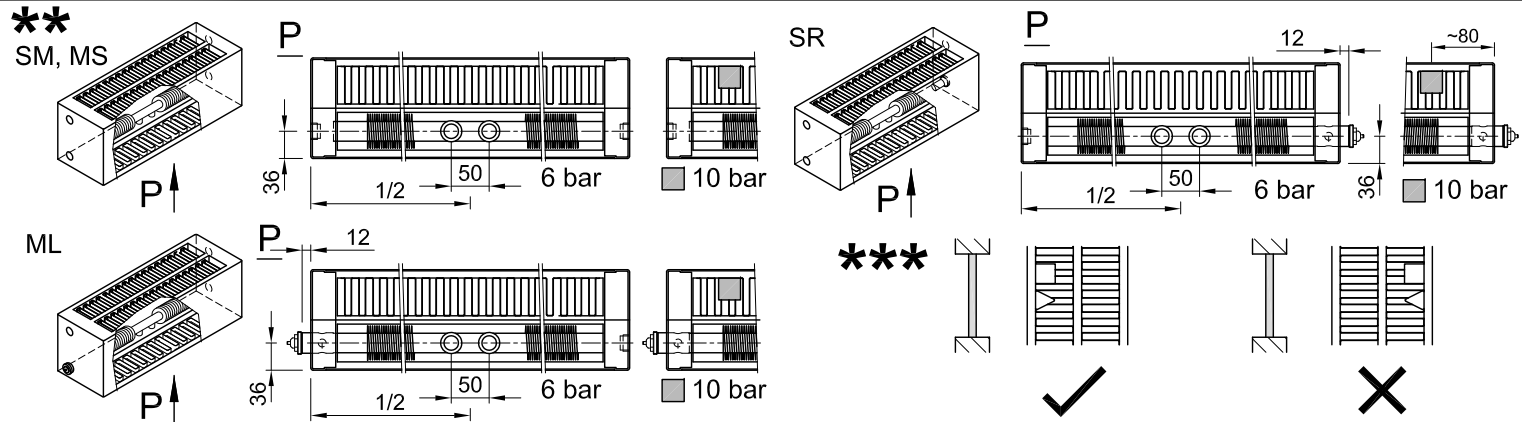
F4



L [mm]	Model				
400 - 1000	K21 - K44W	2	2	2	4
	K54 - K55W	2	2	2	4
1100 - 2000	K21 - K44W	2	2	2	4
	K54 - K55W	3	3	3	6
2200 - 4000	K21 - K44W	3	3	3	6
	K54 - K55W	4	4	4	8
4200 - 6000	K21 - K44W	4	4	4	8
	K54 - K55W	5	5	5	10



K21 - K44W	400 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm	---
K54 - K55W	400 - 1000 mm	1100 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm

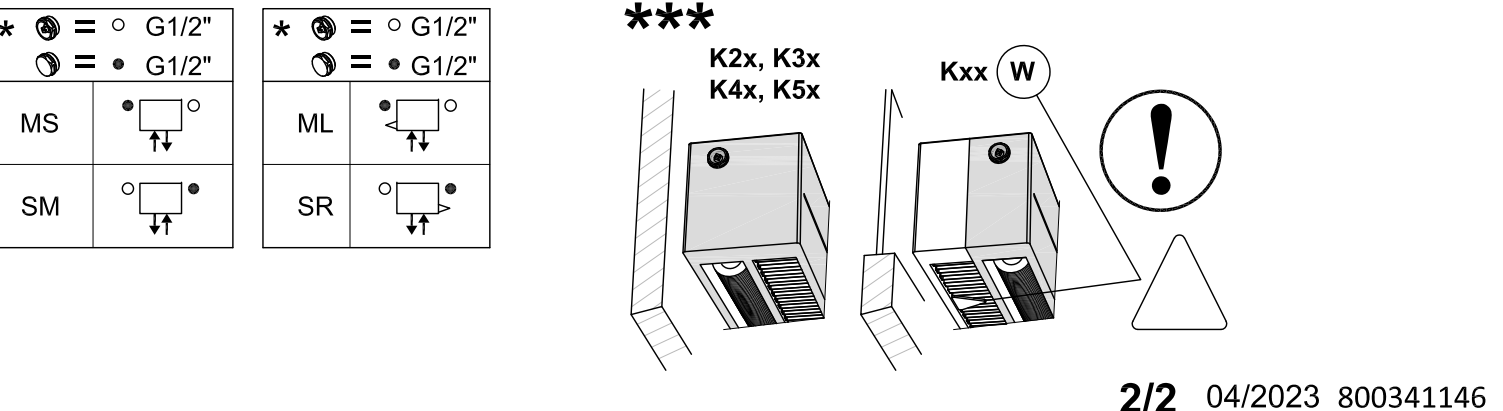
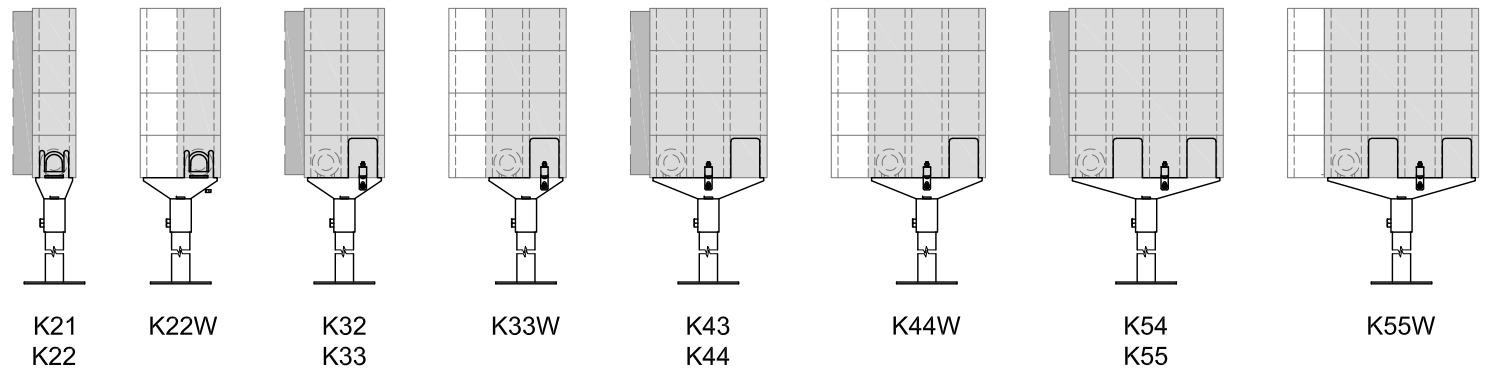
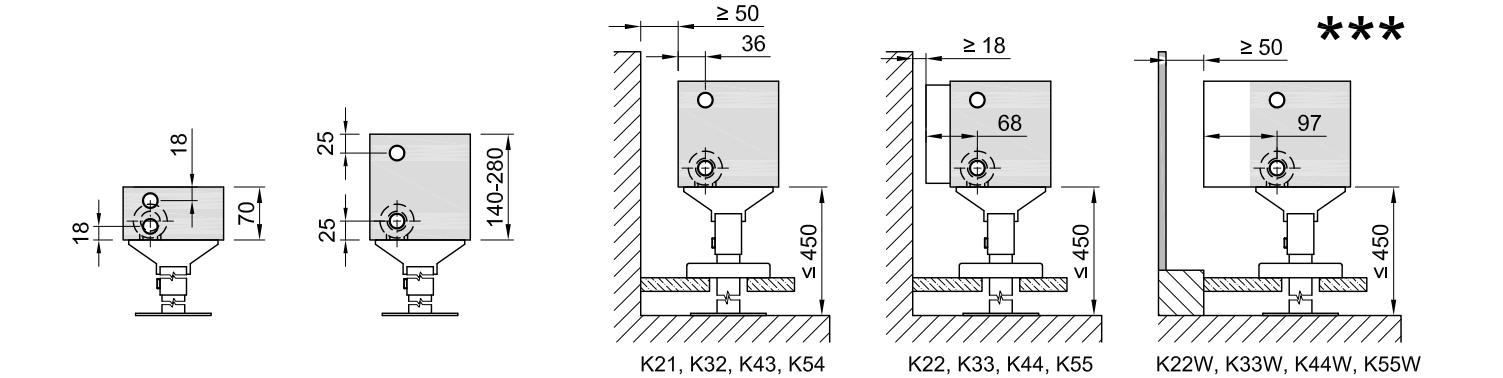
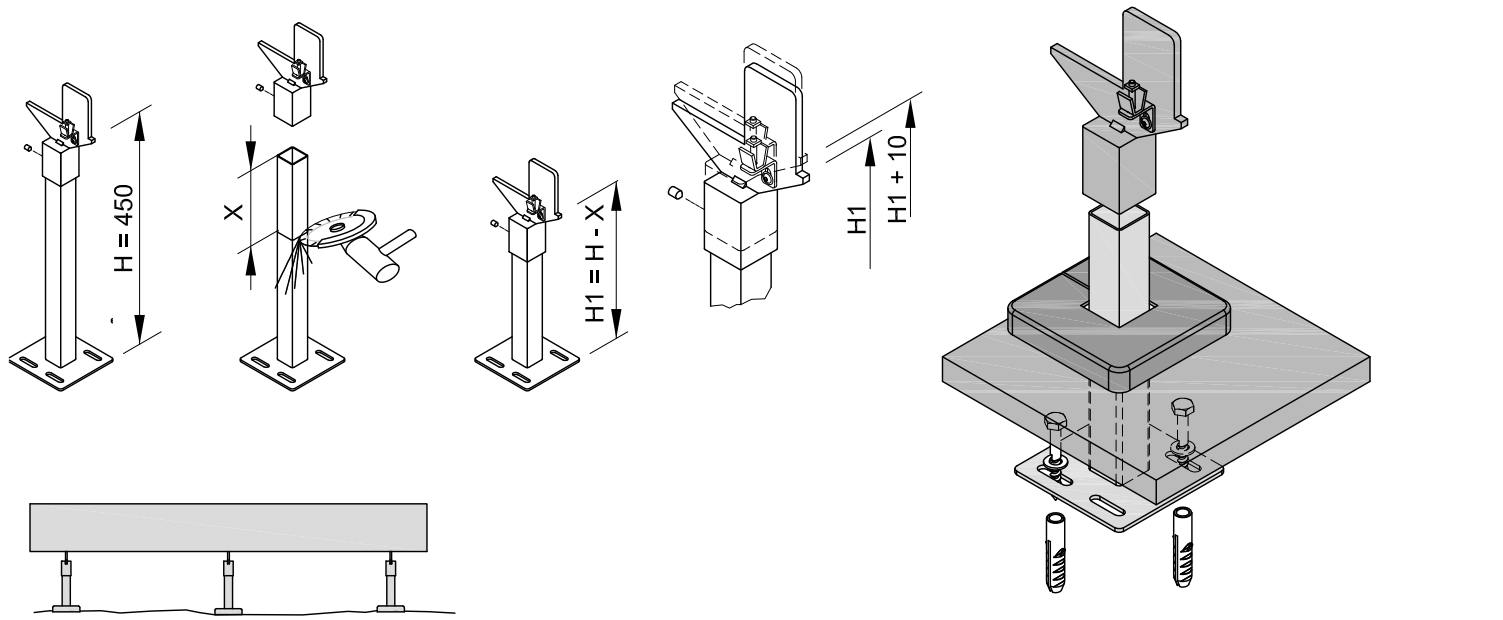


SUBFLOOR: K21 - K55W

SM, MS, SR, ML

middle (central)

F4

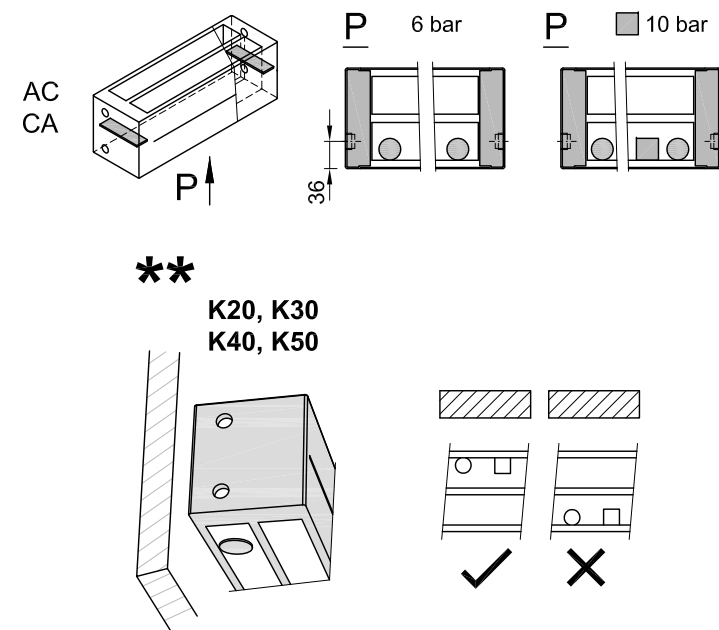
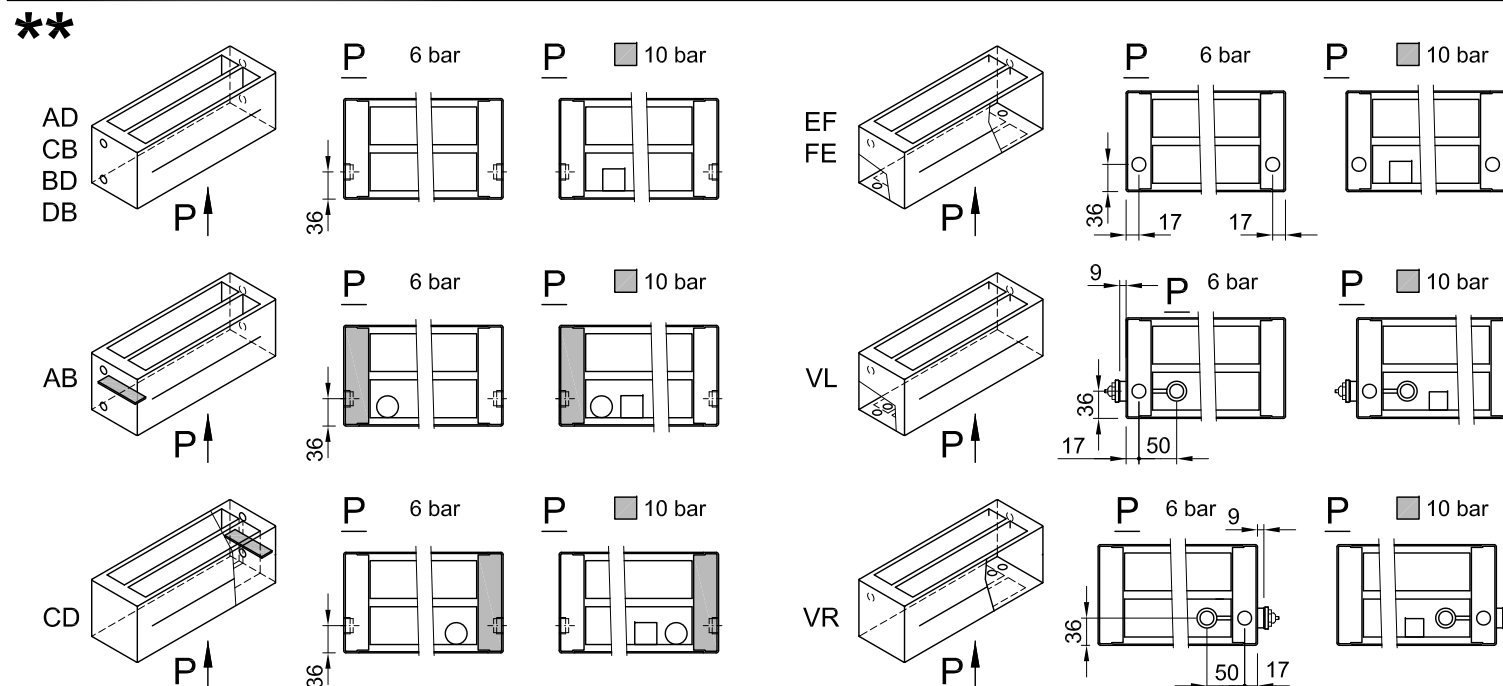


AB, CD, AD, CB, BD, DB, AC, CA, EF, FE, VL, VR

F4

AB, CD, AD, CB, BD, DB, AC, CA, EF, FE, VL, VR

4



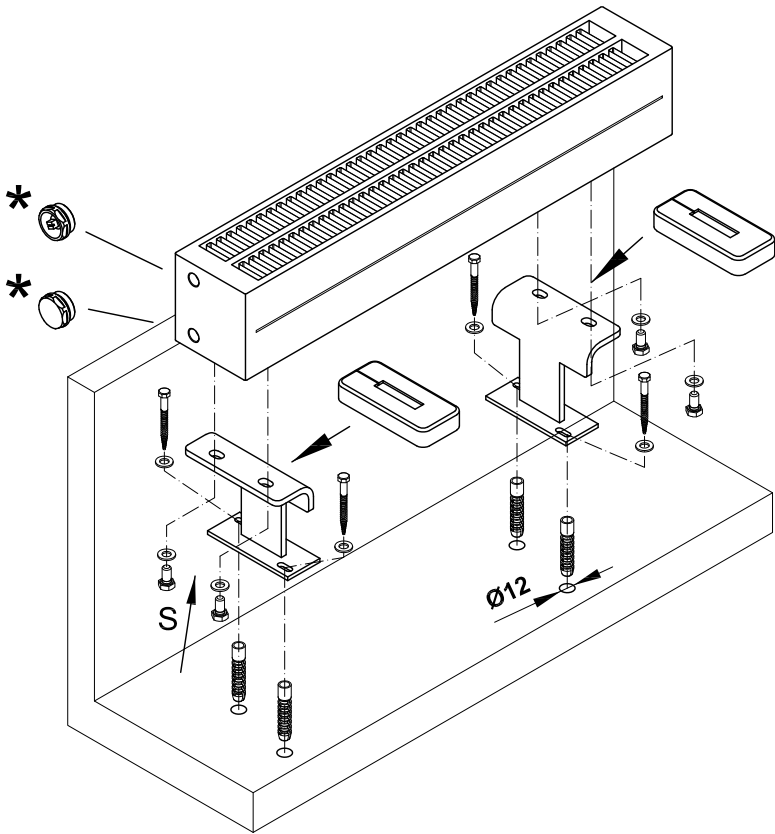
*  =   =  G1/2"	
AD 	AB 
CB 	CD 
BD 	EF 
DB 	FE 
AC 	VL 
CA 	VR 

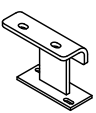
FLOOR: K21 - K55W

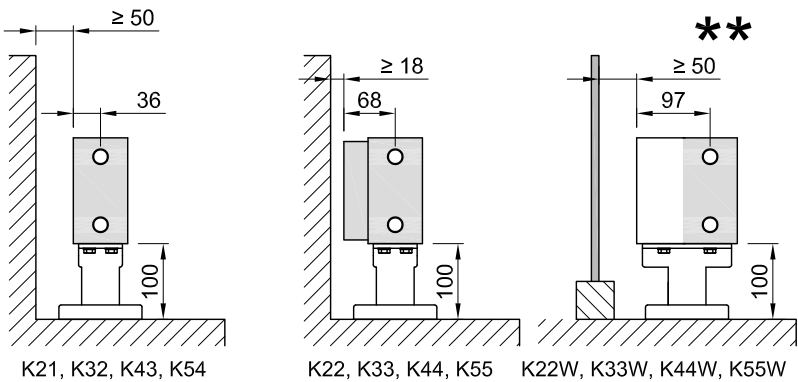
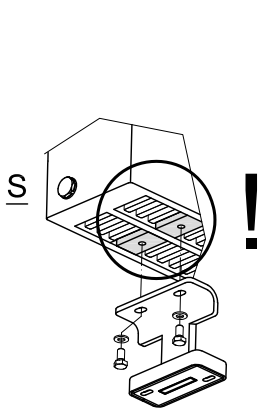
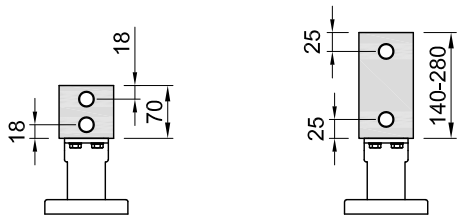
AB, CD, AD, CB, BD, DB
AC, CA, EF, FE, VL, VR

VDI6036, class 3

R1



L [mm]	Model			
500 - 2000	K21 - K44	2	4	4
2100 - 3600		3	6	6
3700 - 4800		4	8	8
4900 - 6000		5	10	10
500 - 2000	K44W-K55W	2	4	4
2100 - 3200		3	6	6
3300 - 4400		4	8	8
4500 - 5500		5	10	10
5600 - 6000		6	12	12

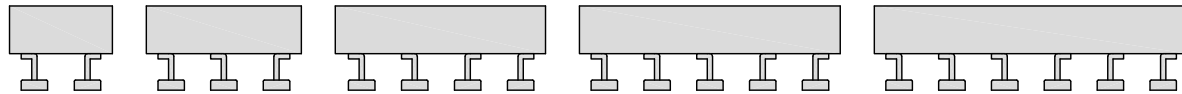
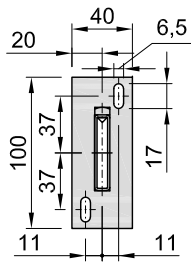


FLOOR: K21 - K55W

AB, CD, AD, CB, BD, DB
AC, CA, EF, FE, VL, VR

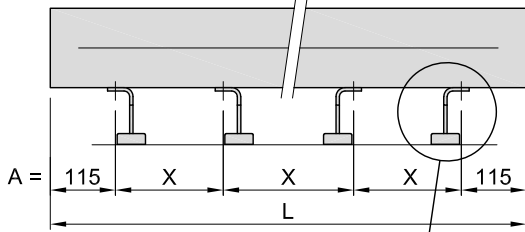
VDI6036, class 3

R1



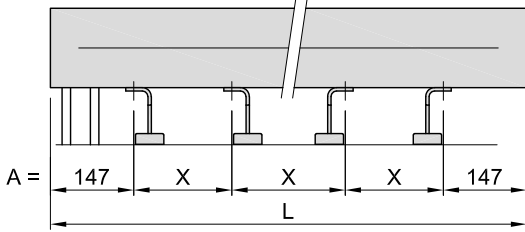
n	2	3	4	5	6
K21 - K44	500 - 2000 mm	2100 - 3600 mm	3700 - 4800 mm	4900 - 6000 mm	---
K44W - K55W	500 - 2000 mm	2100 - 3200 mm	3300 - 4400 mm	4500 - 5500 mm	5600 - 6000 mm

AB, CD, AD, CB, BD, DB, AC, CA, EF, FE

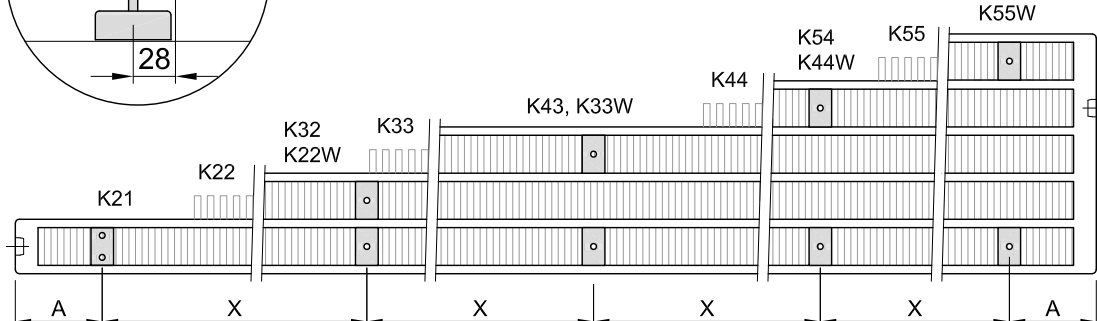
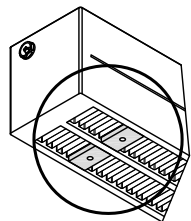


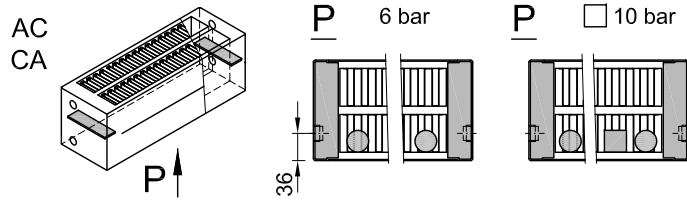
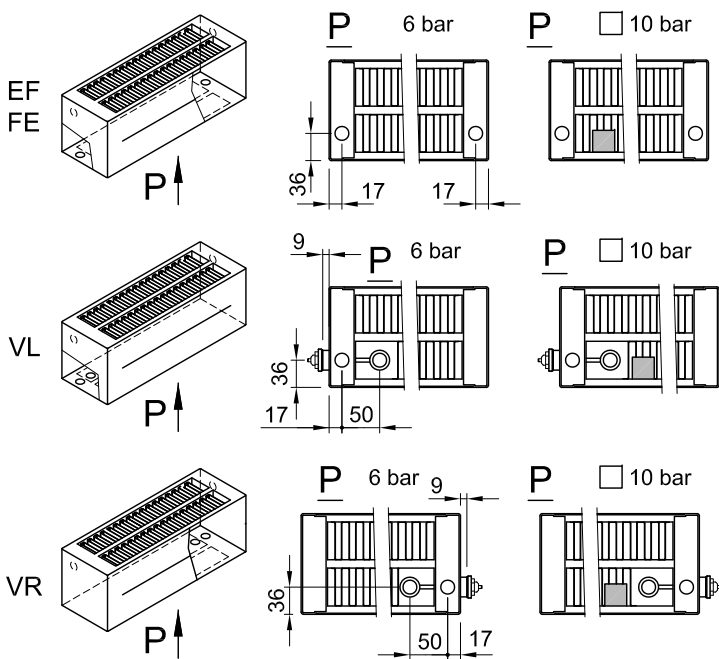
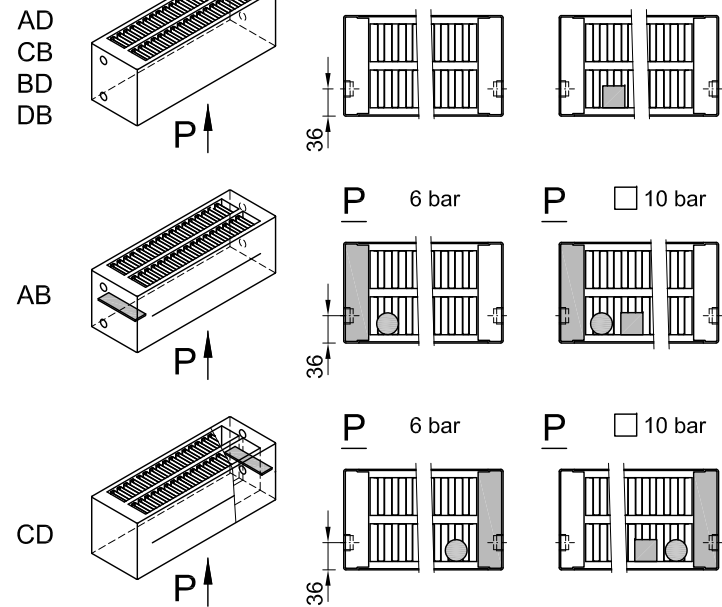
$$X = \frac{L - 2 \times 115}{n - 1}$$

VL, VR

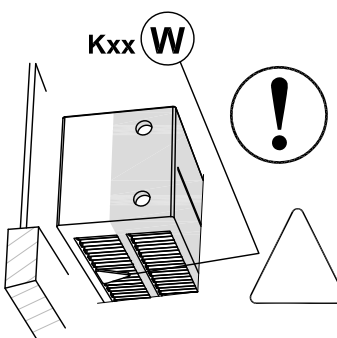


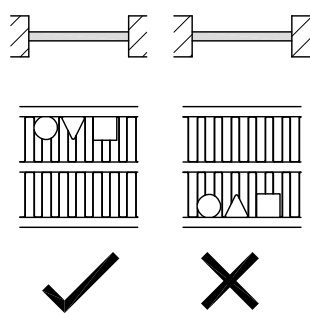
$$X = \frac{L - 2 \times 147}{n - 1}$$





**





* 	=	○ G1/2"
	=	● G1/2"
AD		
CB		
BD		
DB		
AC		

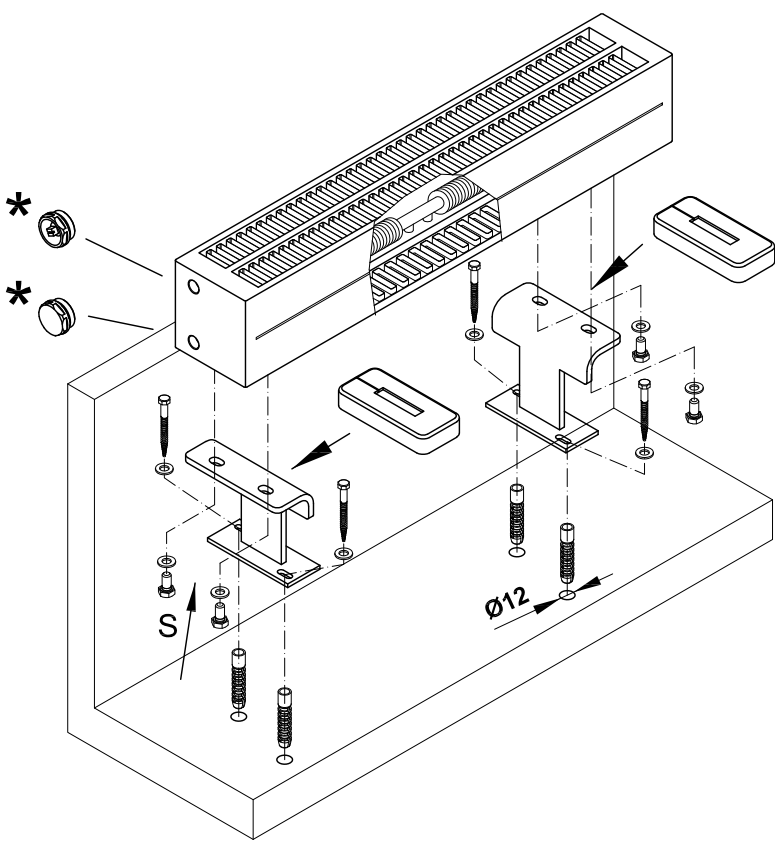
CA	
AB	
CD	
EF	
FE	
VL	
VR	

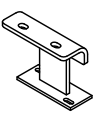
FLOOR: K21 - K55W

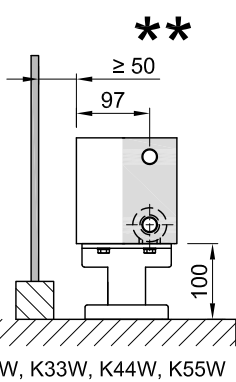
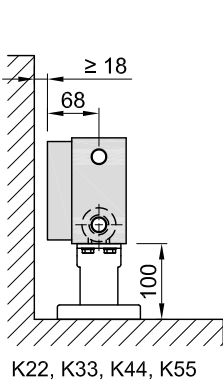
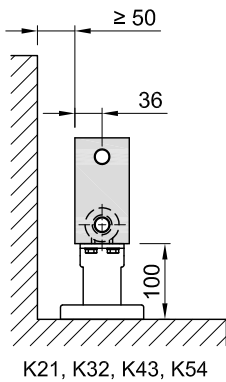
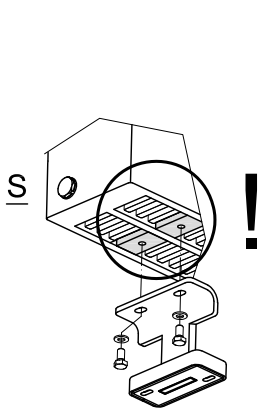
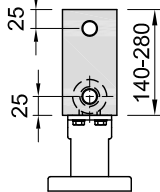
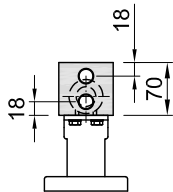
SM, MS, SR, ML

VDI6036, class 3

R1



L [mm]	Model			
500 - 2000	K21 - K44	2	4	4
2100 - 3600		3	6	6
3700 - 4800		4	8	8
4900 - 6000		5	10	10
500 - 2000	K44W-K55W	2	4	4
2100 - 3200		3	6	6
3300 - 4400		4	8	8
4500 - 5500		5	10	10
5600 - 6000		6	12	12

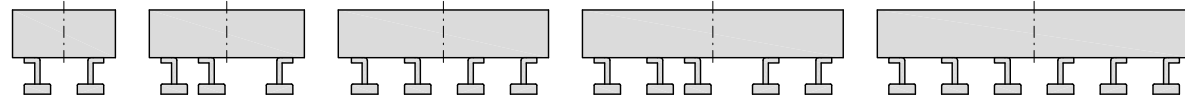
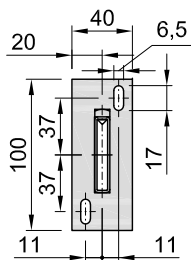


FLOOR: K21 - K55W

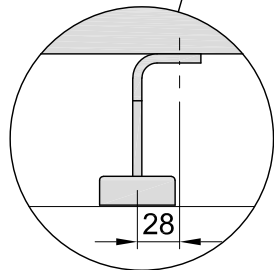
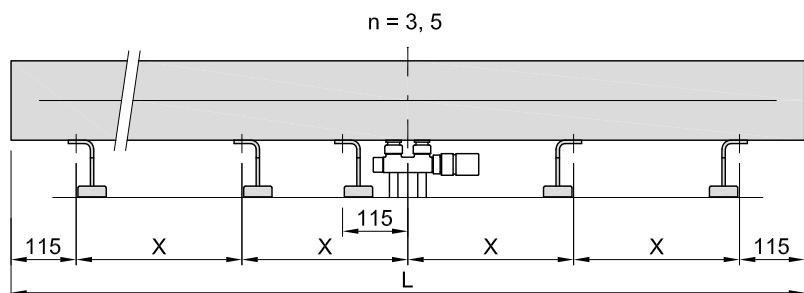
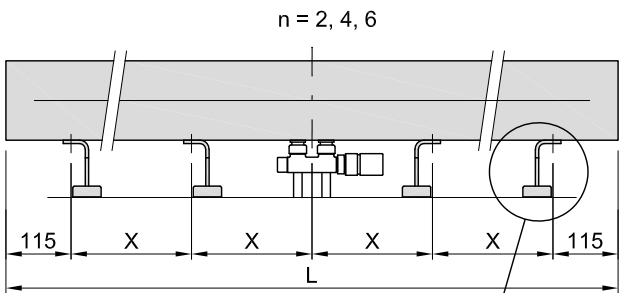
SM, MS, SR, ML

VDI6036, class 3

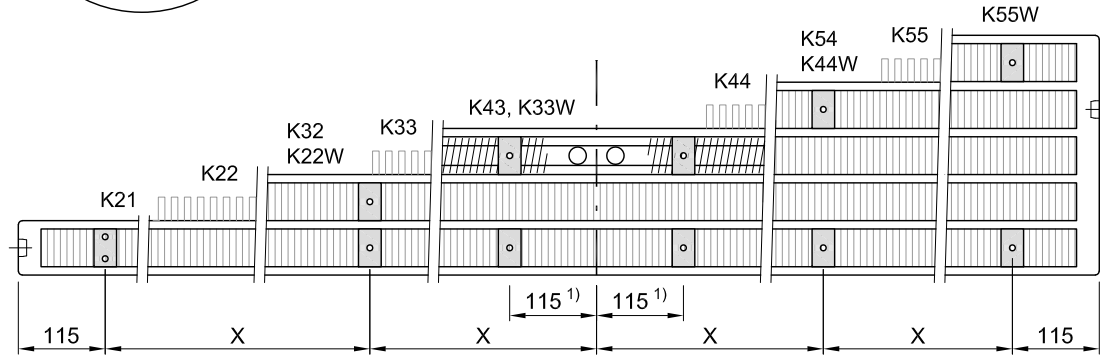
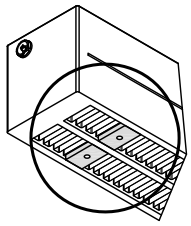
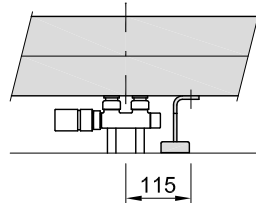
R1



n	2	3	4	5	6
K21 - K44	500 - 2000 mm	2100 - 3600 mm	3700 - 4800 mm	4900 - 6000 mm	---
K44W - K55W	500 - 2000 mm	2100 - 3200 mm	3300 - 4400 mm	4500 - 5500 mm	5600 - 6000 mm

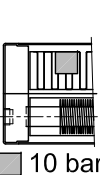
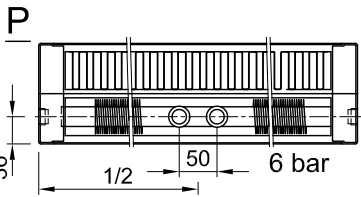
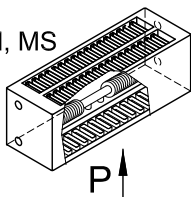


$$X = \frac{L - 2 \times 115}{n - 1}$$

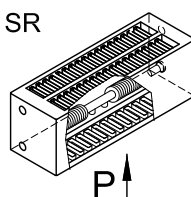


1) n = 3, 5

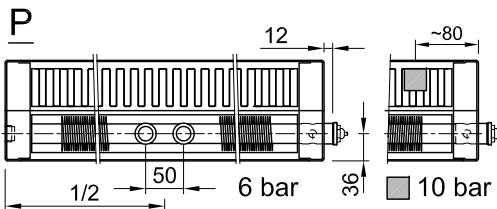
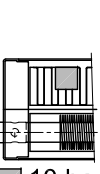
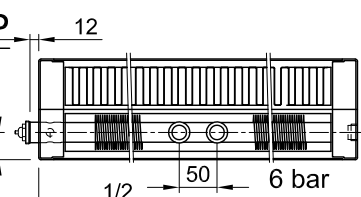
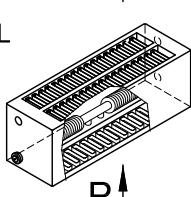
SM, MS



SR



ML

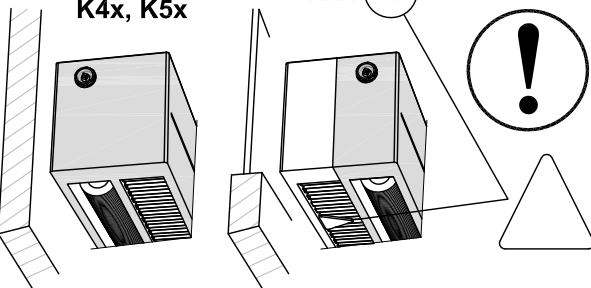


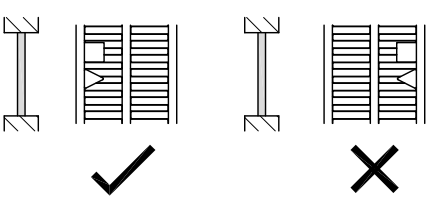
				
MS				
SM				
ML				
SR				

**

K2x, K3x
K4x, K5x

Kxx W



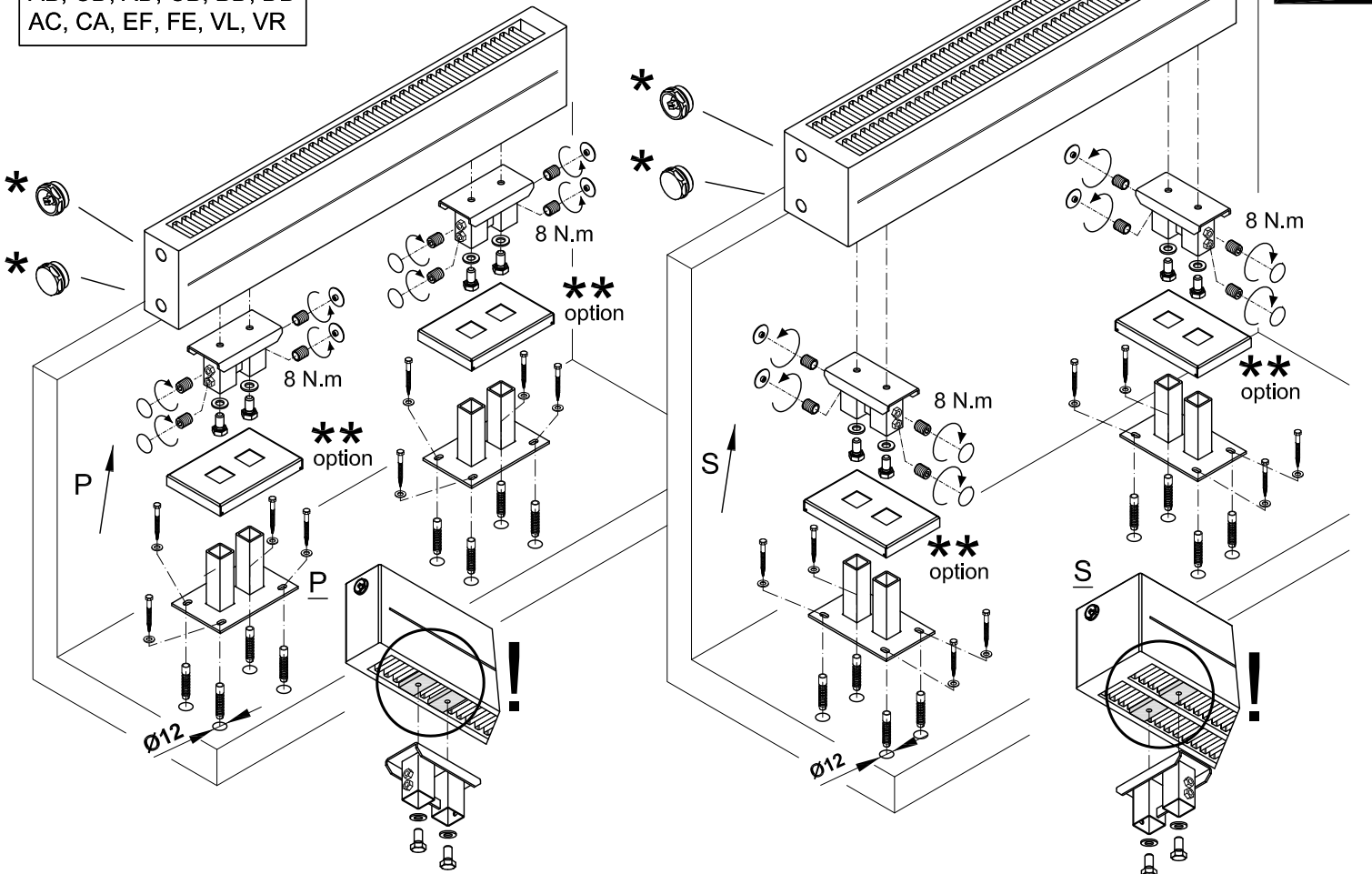


FLOOR: K21 - K55W

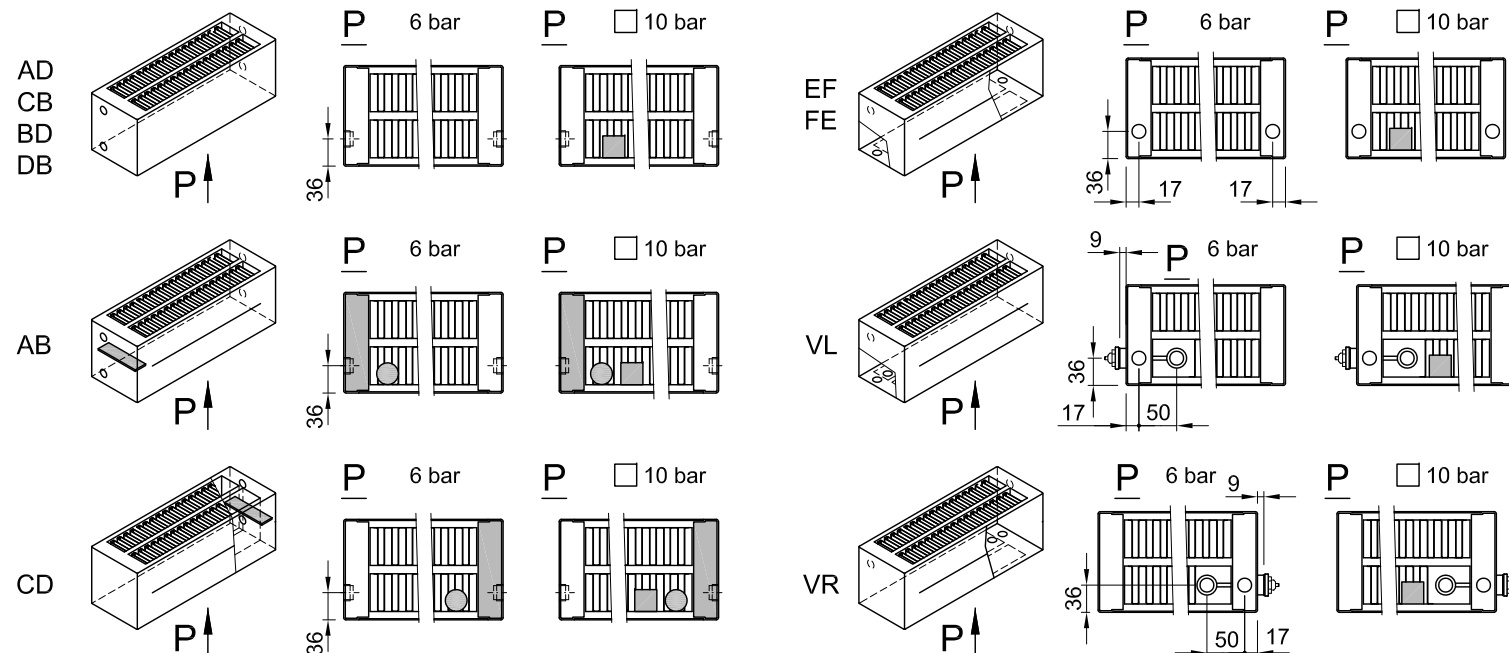
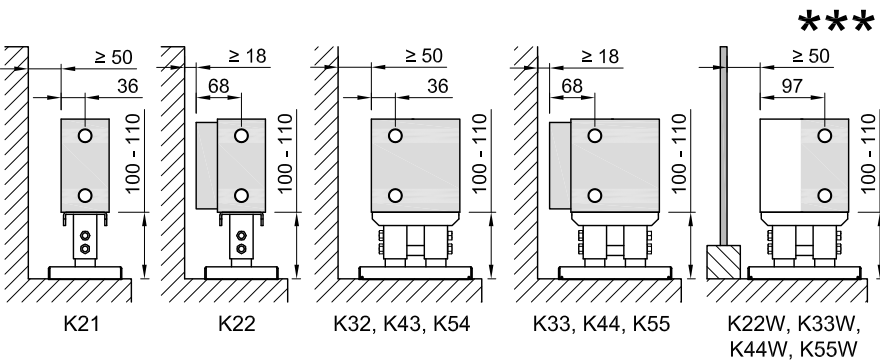
AB, CD, AD, CB, BD, DB
AC, CA, EF, FE, VL, VR

VDI6036, class 3

R2



L [mm]	Model					
500 - 2000	K21 - K44	2	2	8	4	8
2100 - 3600		3	3	12	6	12
3700 - 4800		4	4	16	8	16
4900 - 6000	K44W - K55W	5	5	20	10	20
500 - 2000		2	2	8	4	8
2100 - 3200		3	3	12	6	12
3300 - 4400	K54W	4	4	16	8	16
4500 - 5500		5	5	20	10	20
5600 - 6000		6	6	24	12	24

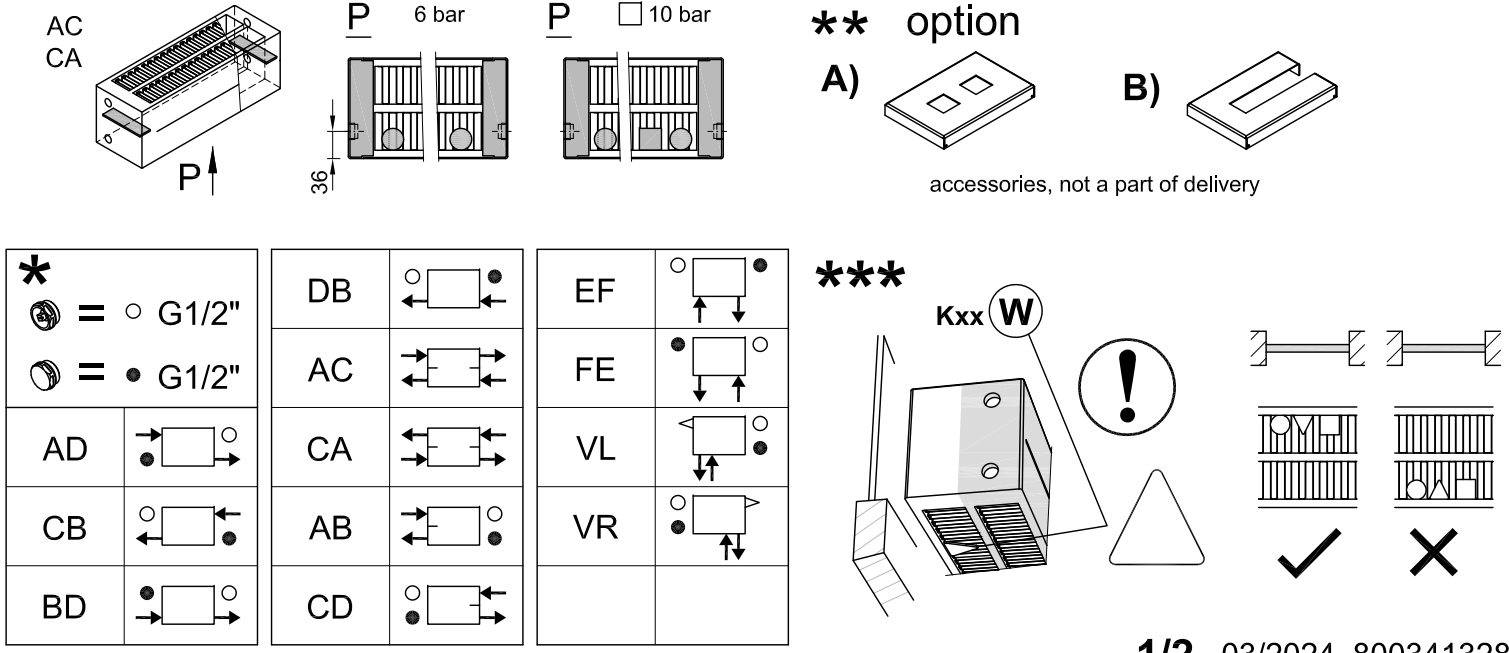
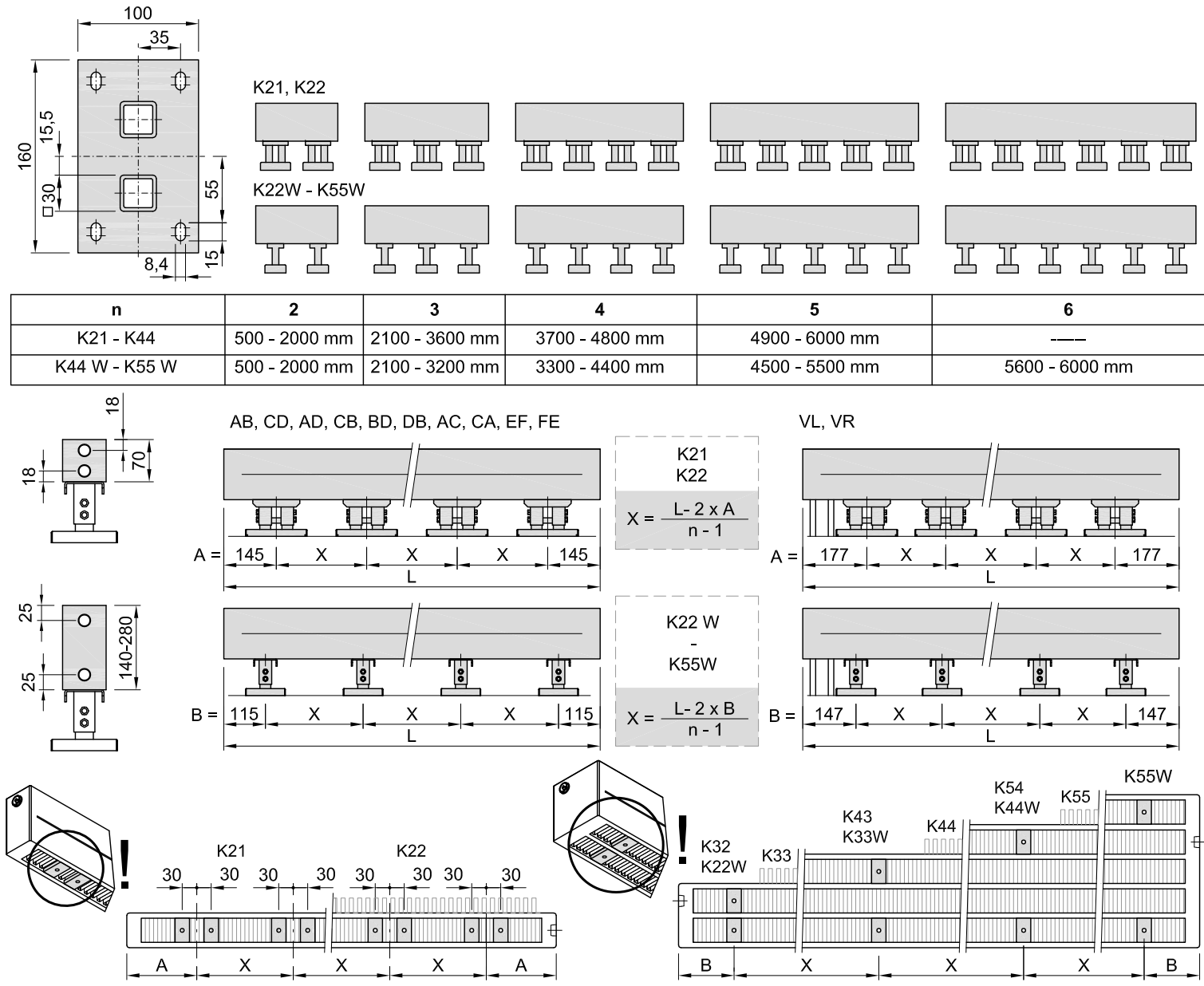


FLOOR: K21 - K55W

AB, CD, AD, CB, BD, DB
AC, CA, EF, FE, VL, VR

VDI6036, class 3

R2

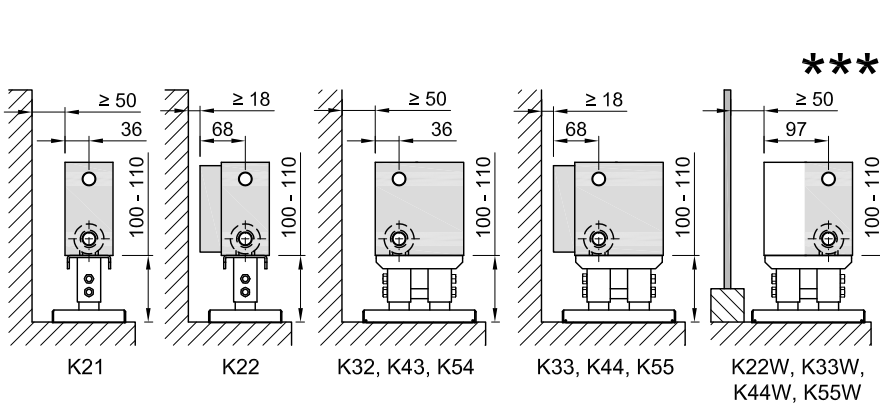
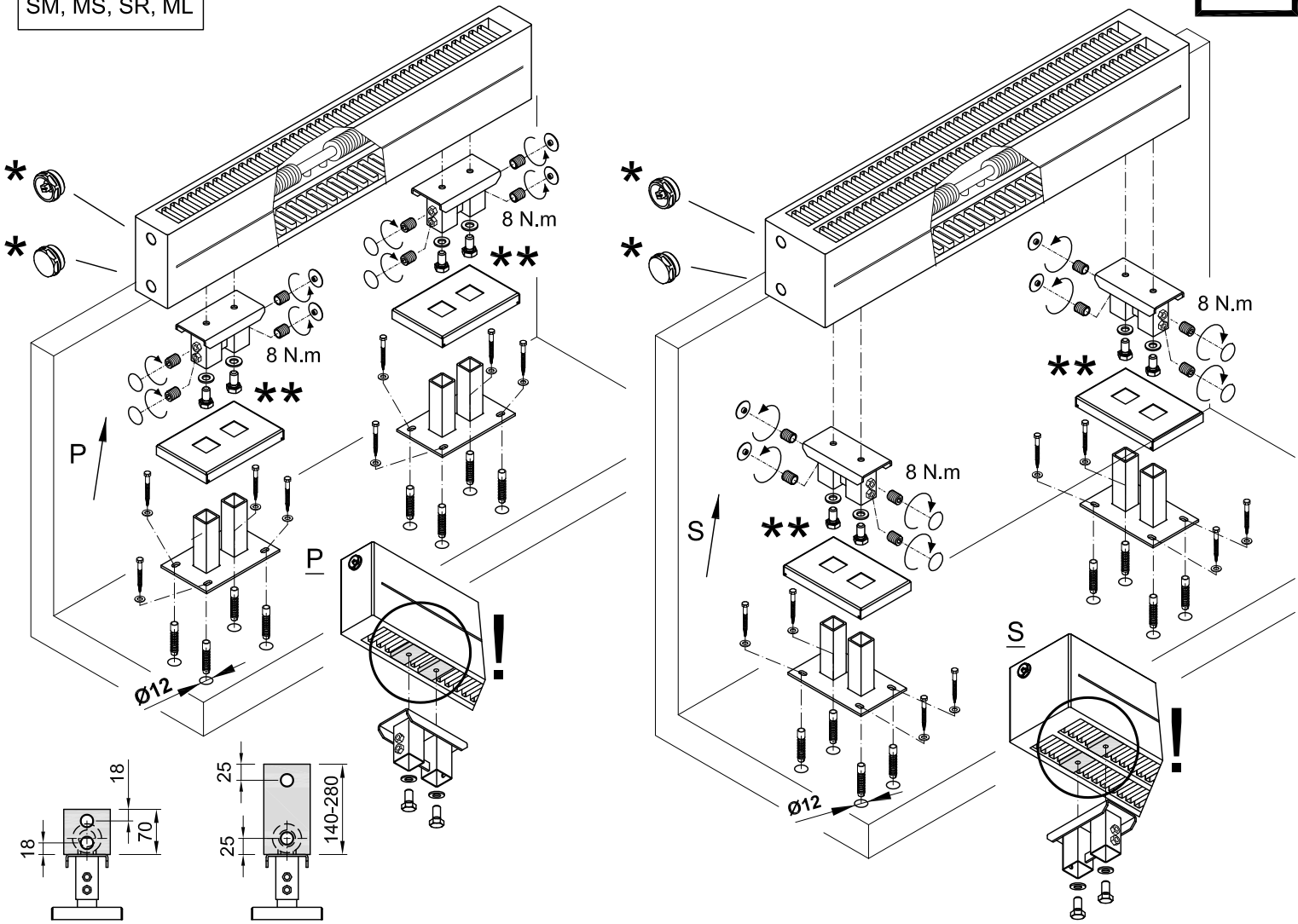


FLOOR: K21 - K55W

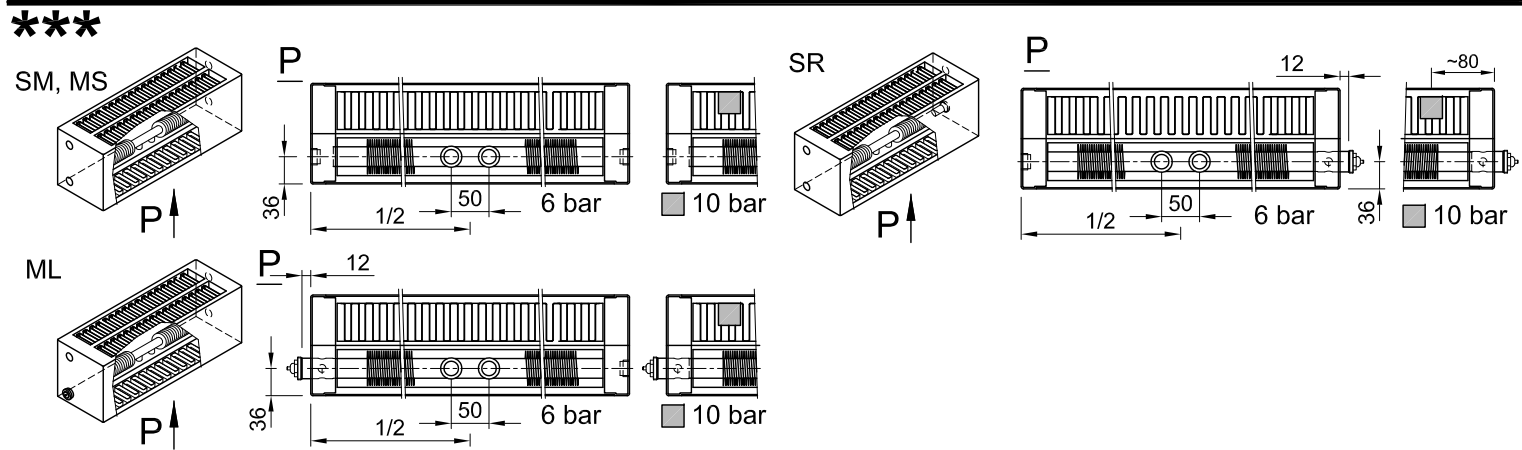
SM, MS, SR, ML

VDI6036, class 3

R2



L [mm]	Model					
500 - 2000	K21 - K44	2	2	8	4	8
2100 - 3600		3	3	12	6	12
3700 - 4800		4	4	16	8	16
4900 - 6000		5	5	20	10	20
500 - 2000	K44W - K54W	2	2	8	4	8
2100 - 3200		3	3	12	6	12
3300 - 4400		4	4	16	8	16
4500 - 5500		5	5	20	10	20
5600 - 6000		6	6	24	12	24

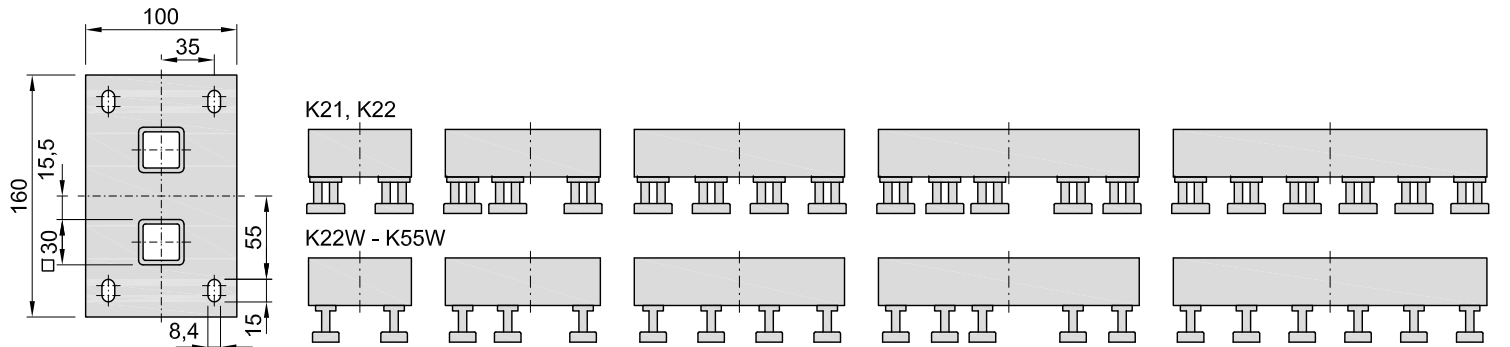


FLOOR: K21 - K55W

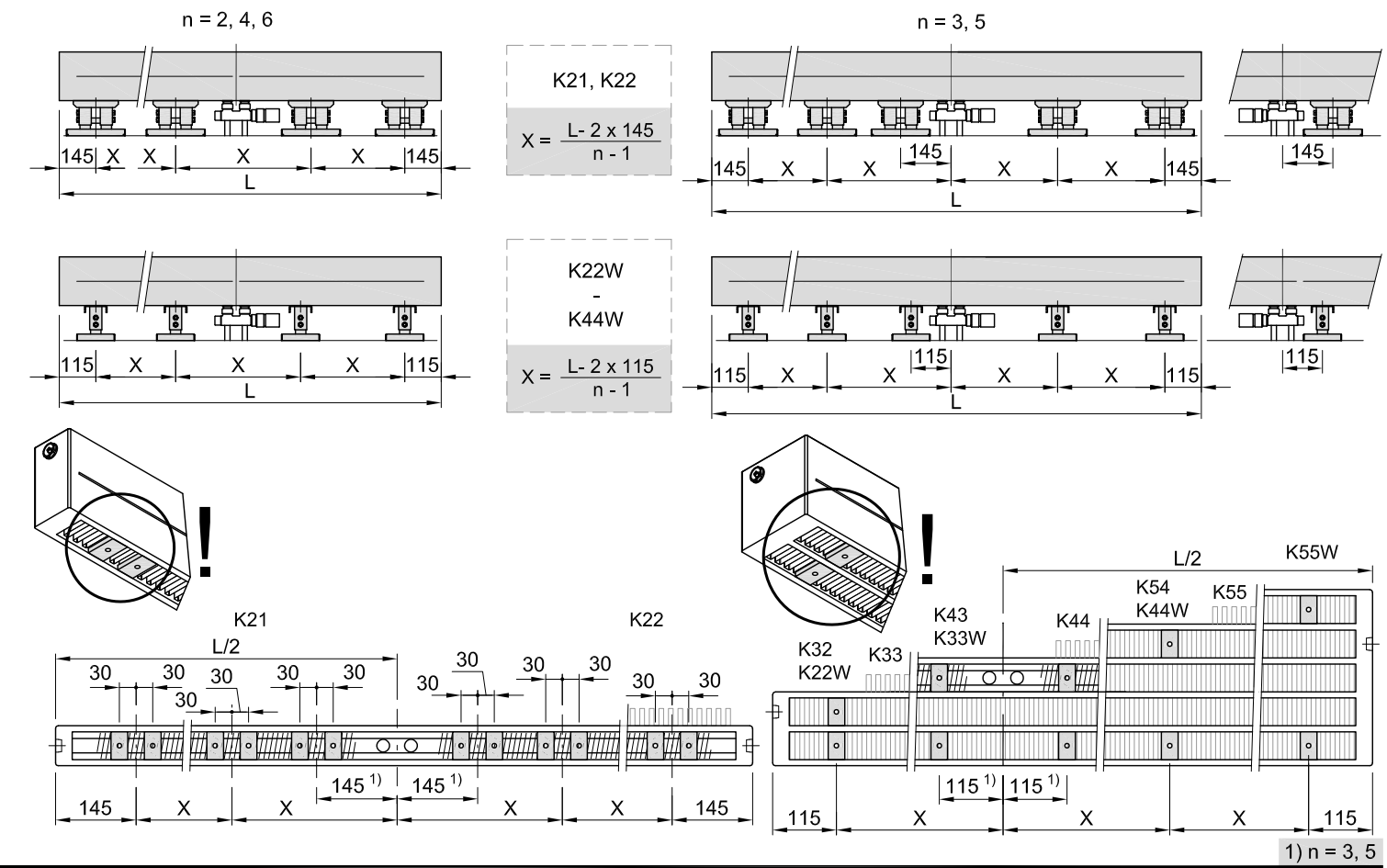
SM, MS, SR, ML

VDI6036, class 3

R2



n	2	3	4	5	6
K21, K22	500 - 2000 mm	2100 - 3600 mm	3700 - 4800 mm	4900 - 6000 mm	---
K 22W - K55W	500 - 2000 mm	2100 - 3200 mm	3300 - 4400 mm	4500 - 5500 mm	5600 - 6000 mm



SM, MS

ML

SR

12

1/2

50

6 bar

36

10 bar

~80

* = G1/2"

MS

SM

ML

SR

** option

accessories, not a part of delivery

A)

B)

Kxx W

!

✓

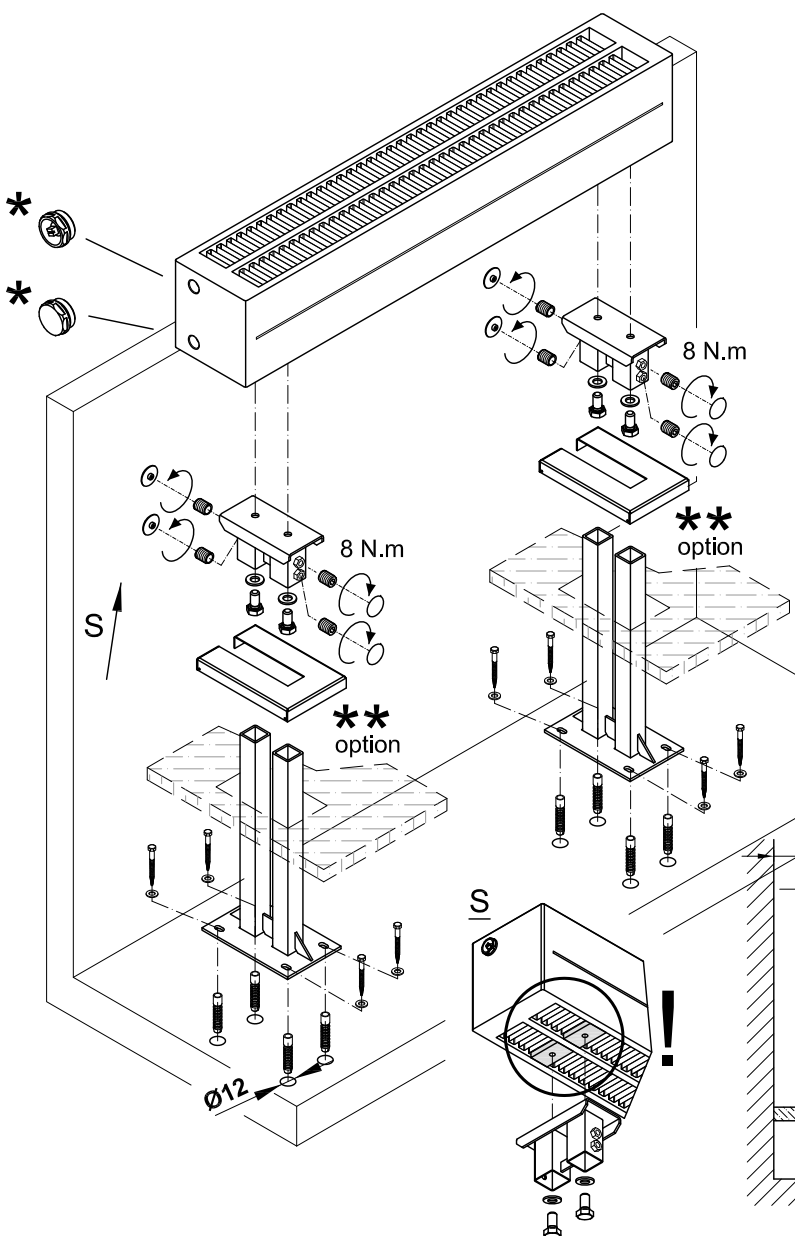
✗

FLOOR: K21 - K55W

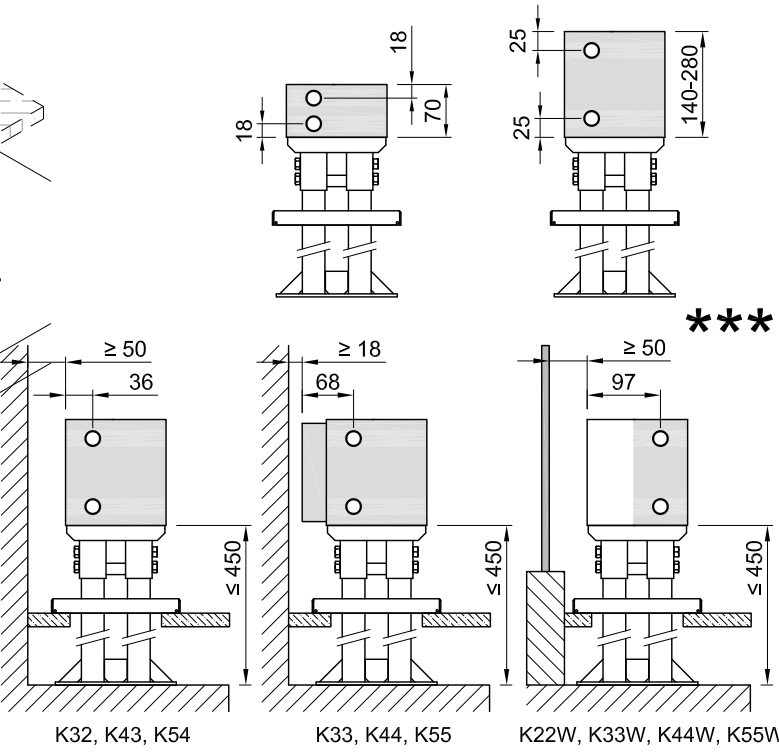
AB, CD, AD, CB, BD, DB
AC, CA, EF, FE, VL, VR

VDI6036, class 3

R3



L [mm]	Model					
500 - 6000	K21 K22	-	-	-	-	-
500 - 2000	K22W - K44	2	2	8	4	8
2100 - 3600		3	3	12	6	12
3700 - 4800		4	4	16	8	16
4900 - 6000	K44W - K54W	5	5	20	10	20
500 - 2000		2	2	8	4	8
2100 - 3200		3	3	12	6	12
3300 - 4400	K54W	4	4	16	8	16
4500 - 5500		5	5	20	10	20
5600 - 6000		6	6	24	12	24

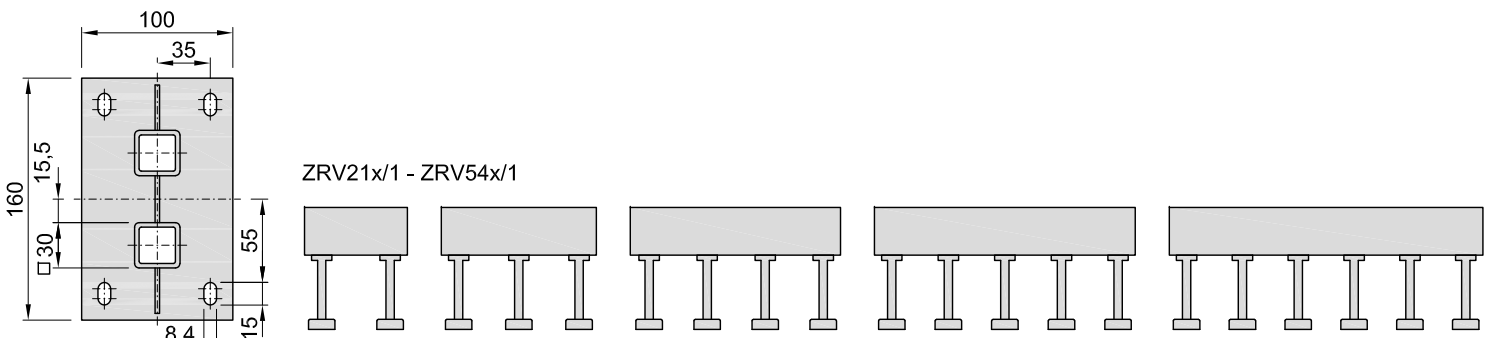


FLOOR: K21 - K55W

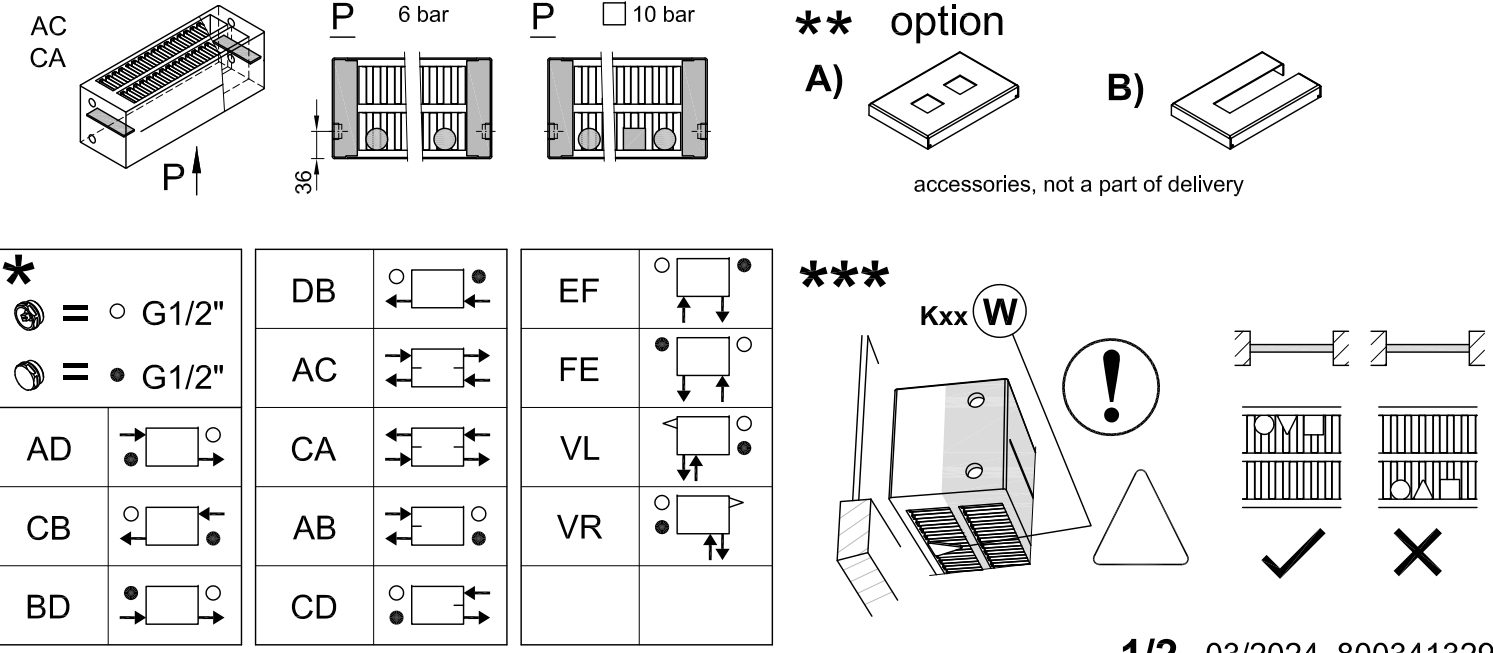
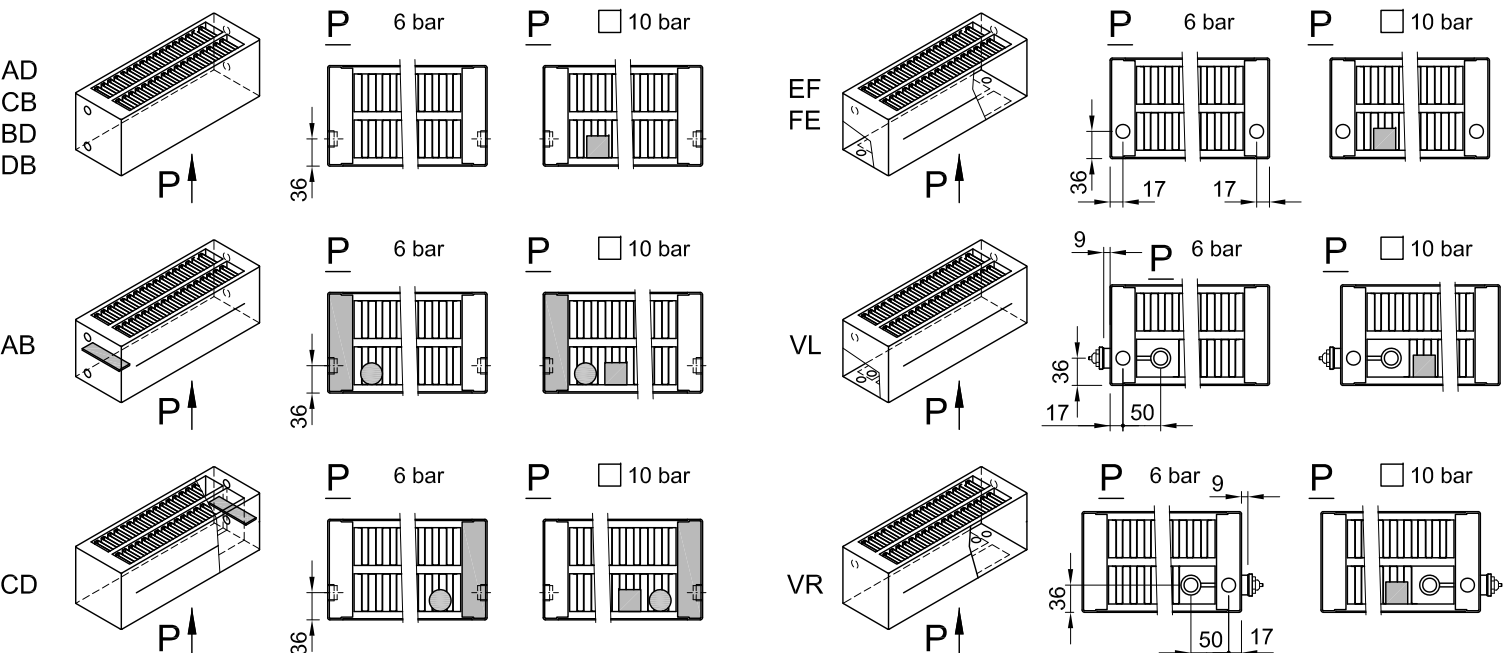
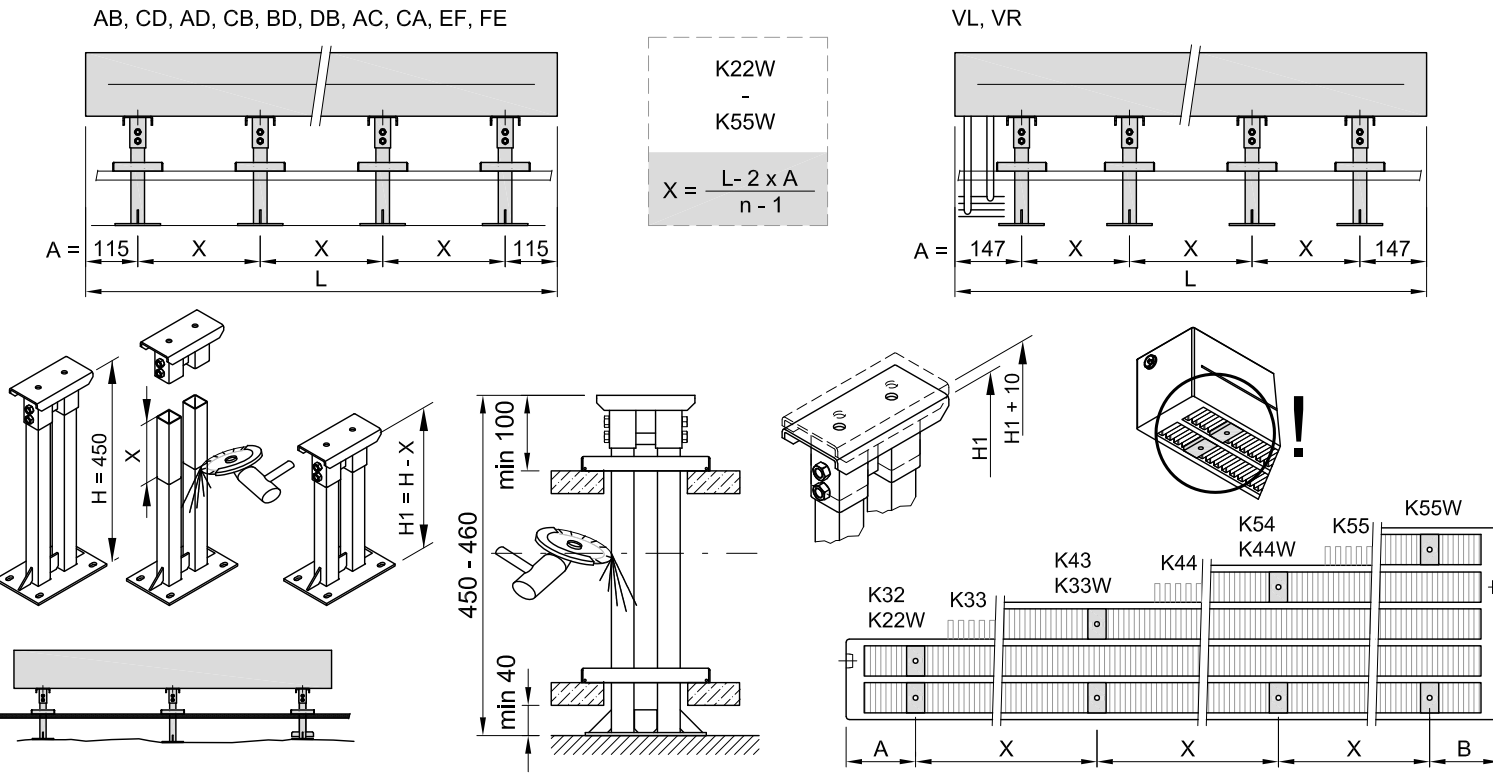
AB, CD, AD, CB, BD, DB
AC, CA, EF, FE, VL, VR

VDI6036, class 3

R3



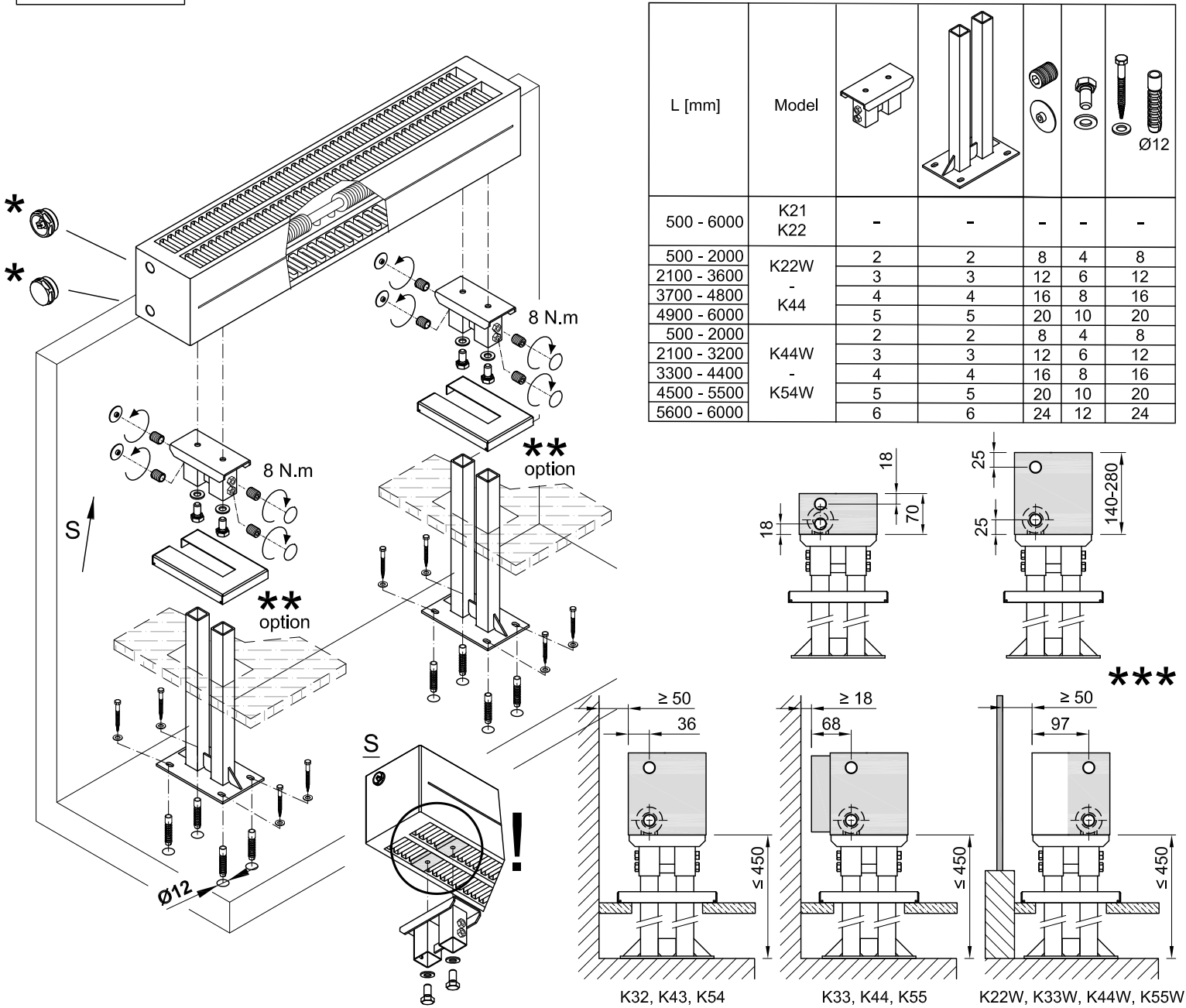
n	2	3	4	5	6
K21W - K44	500 - 2000 mm	2100 - 3600 mm	3700 - 4800 mm	4900 - 6000 mm	---
K44W - K55W	500 - 2000 mm	2100 - 3200 mm	3300 - 4400 mm	4500 - 5500 mm	5600 - 6000 mm



FLOOR: K21 - K55W

SM, MS, SR, ML

R3



FLOOR: K21 - K55W

SM, MS, SR, ML

VDI6036, class 3

R3

