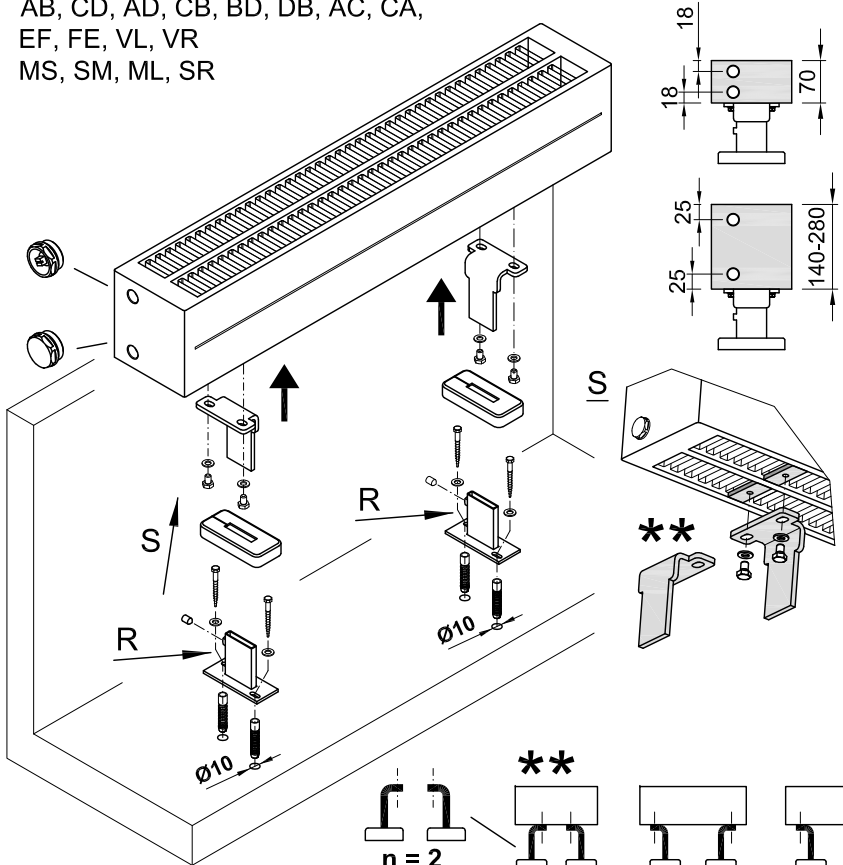


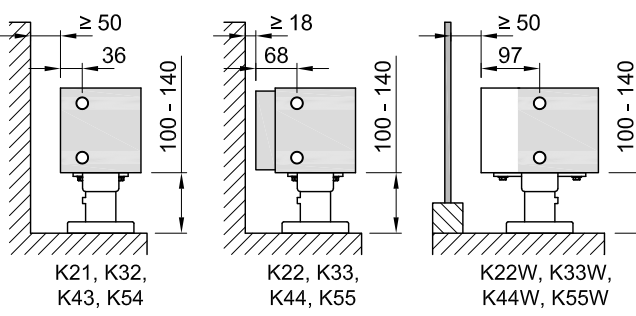
FLOOR: K21 - K55W

AB, CD, AD, CB, BD, DB, AC, CA,
EF, FE, VL, VR
MS, SM, ML, SR



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

(x) K21, K22

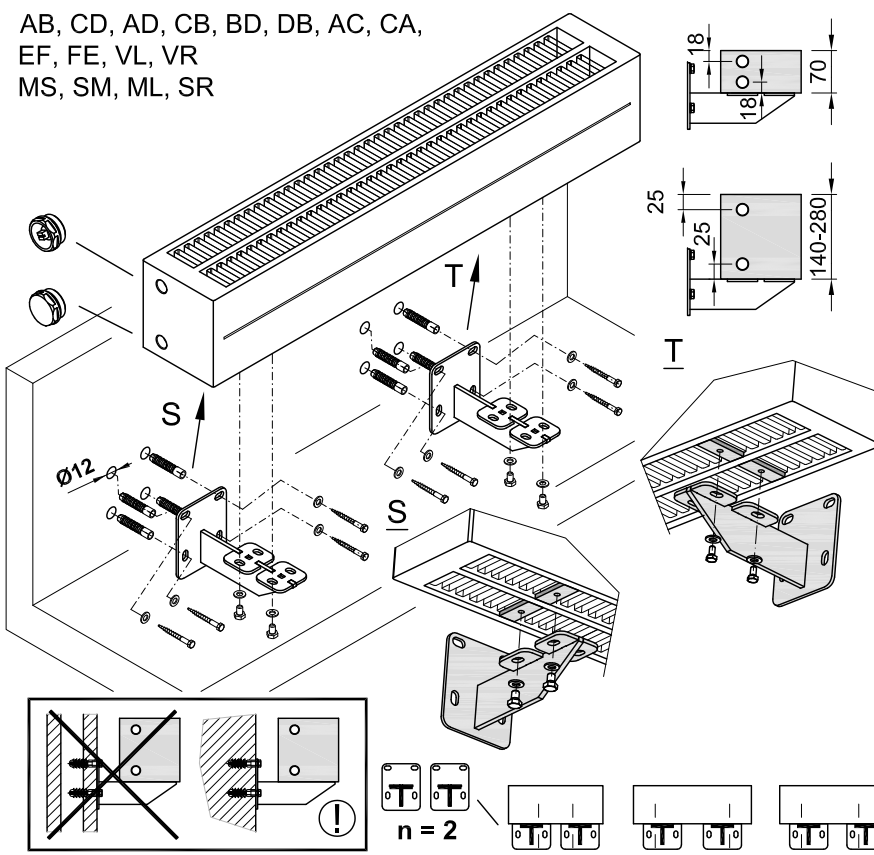


Model	n = 2	n = 2	n = 3	n = 4	n = 5
K21 - K44W	400 mm	500 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm	-----
K54 - K55W	400 mm	500 - 1000 mm	1100 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm

F2

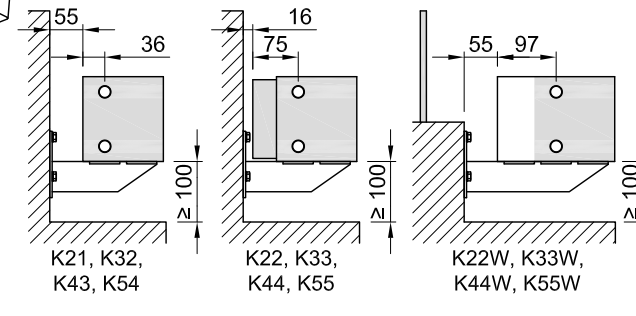
WALL: K21 - K55W

AB, CD, AD, CB, BD, DB, AC, CA,
EF, FE, VL, VR
MS, SM, ML, SR



L [mm]	Model				
400 - 1000	K21 - K44W	2	2	4 (2)	8
	K54 - K55W	2	2	4 (2)	8
1100 - 2000	K21 - K44W	2	2	4 (2)	8
	K54 - K55W	3	3	6 (3)	12
2200 - 4000	K21 - K44W	3	3	6 (3)	12
	K54 - K55W	4	4	8 (4)	16
4200 - 6000	K21 - K44W	4	4	8 (4)	16
	K54 - K55W	5	5	10 (5)	20

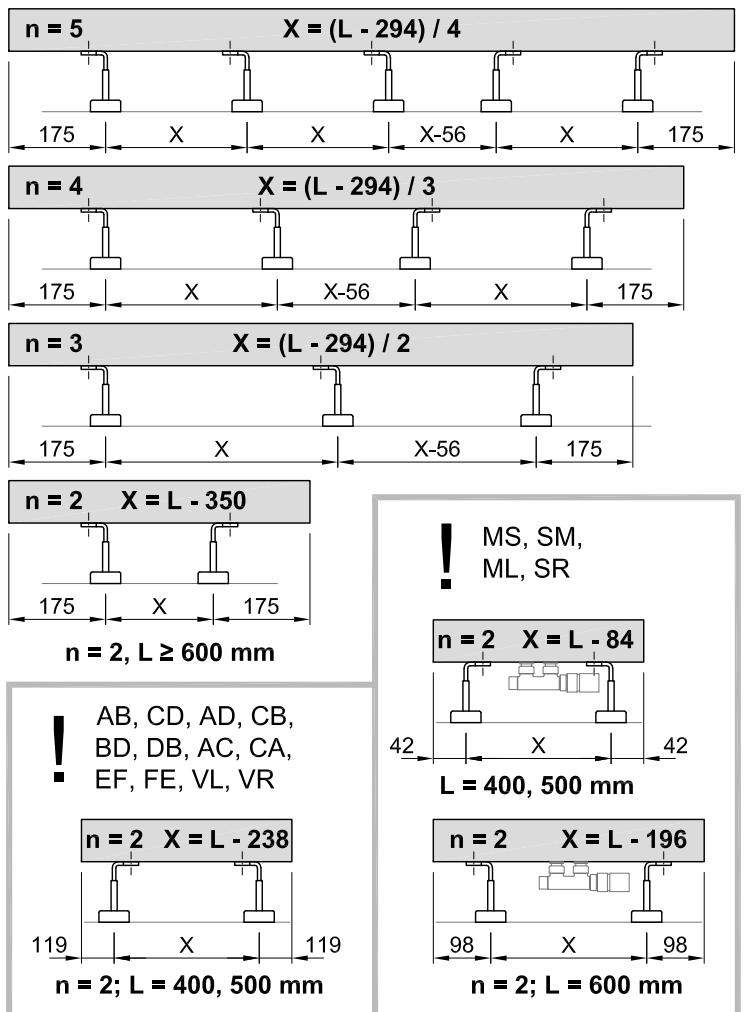
(x) K21, K22



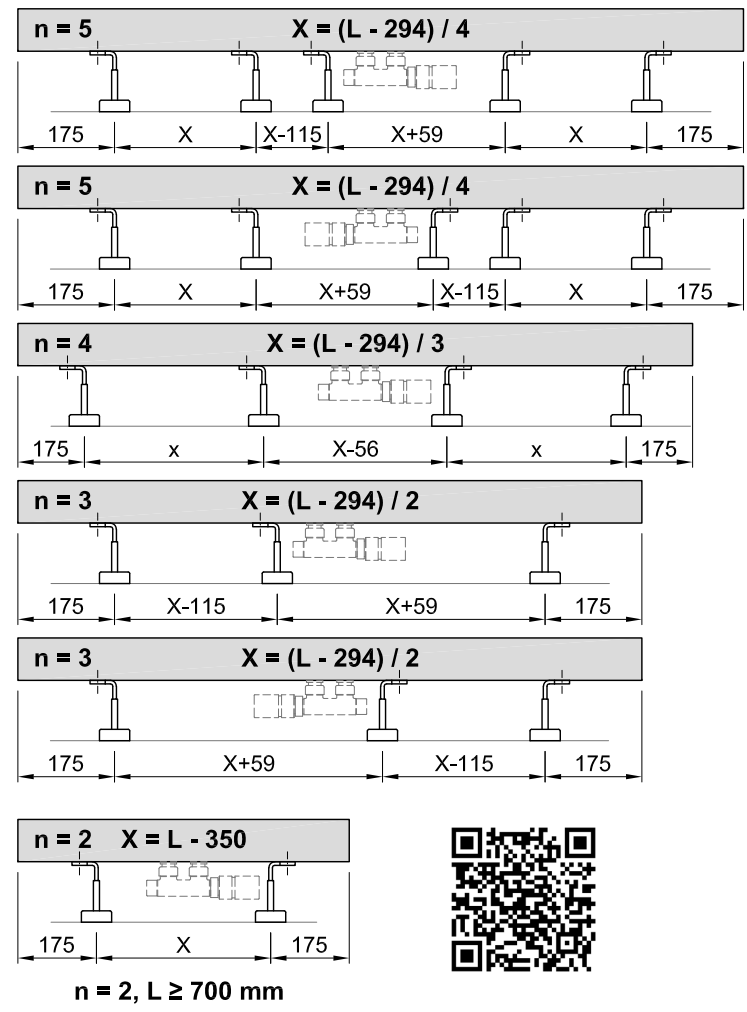
Model	n = 2	n = 2	n = 3	n = 4	n = 5
K21 - K44W	400 mm	500 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm	-----
K54 - K55W	400 mm	500 - 1000 mm	1100 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm

W2

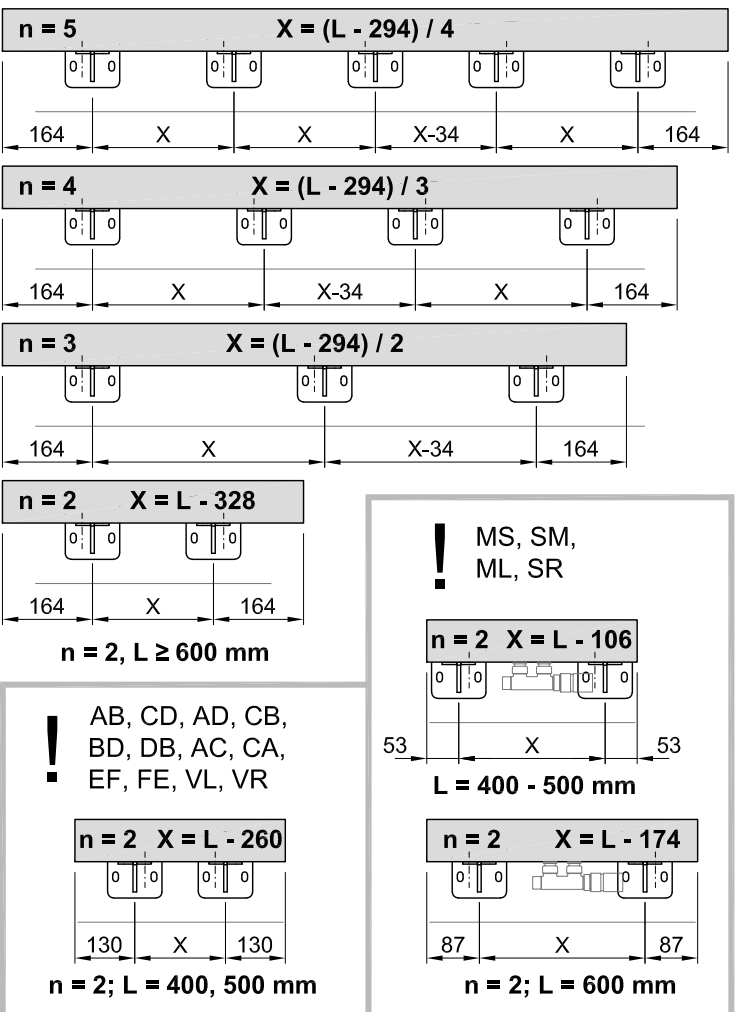
AB, CD, AD, CB, BD, DB, AC, CA, EF, FE, VL, VR



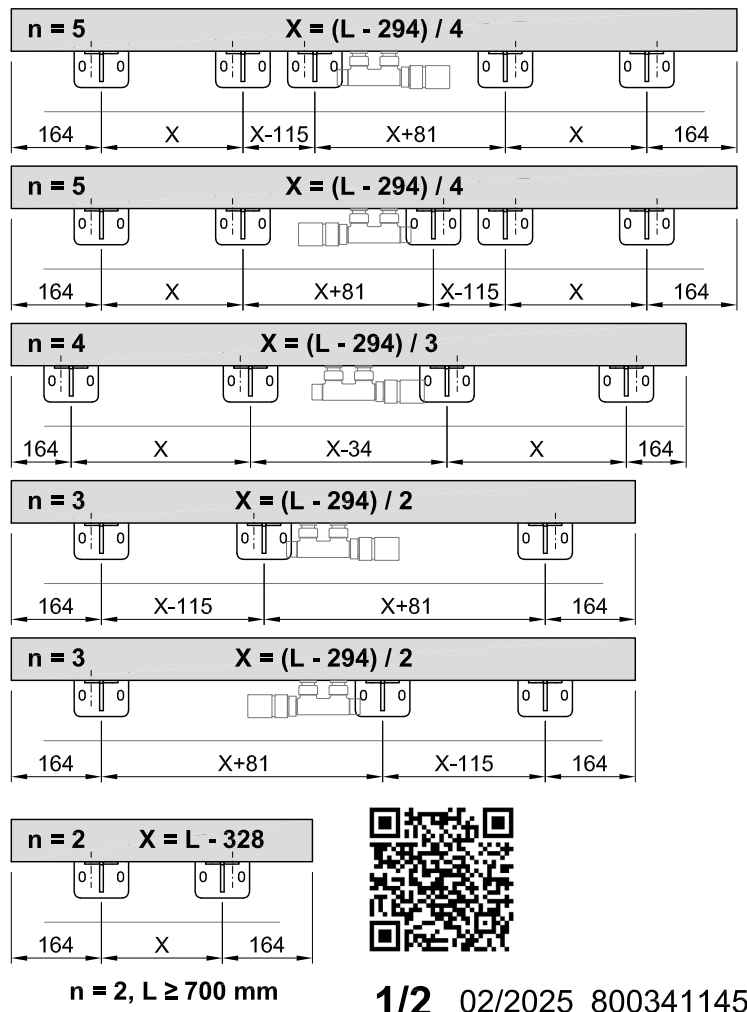
MS, SM, ML, SR



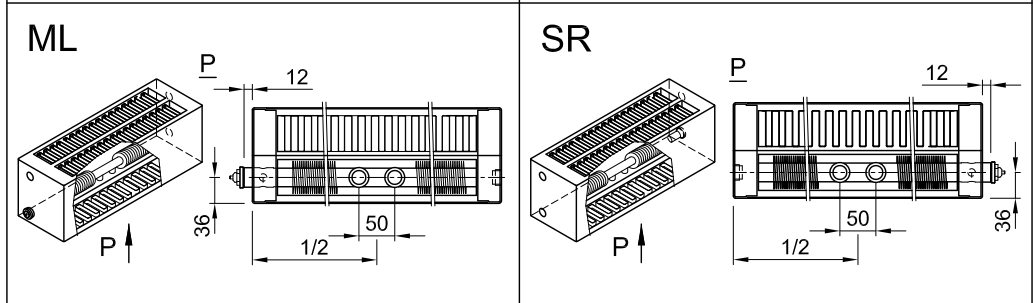
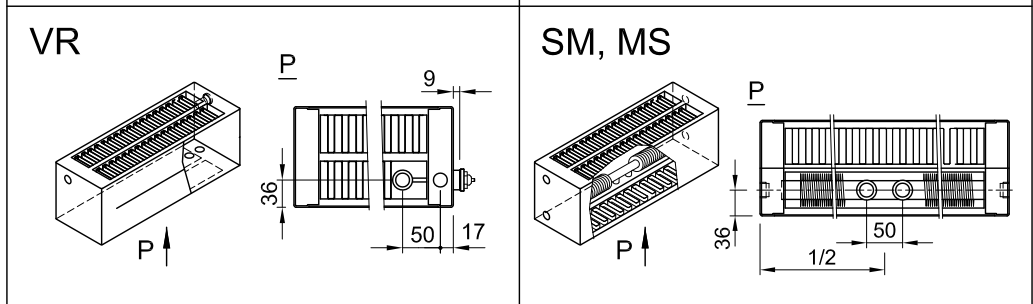
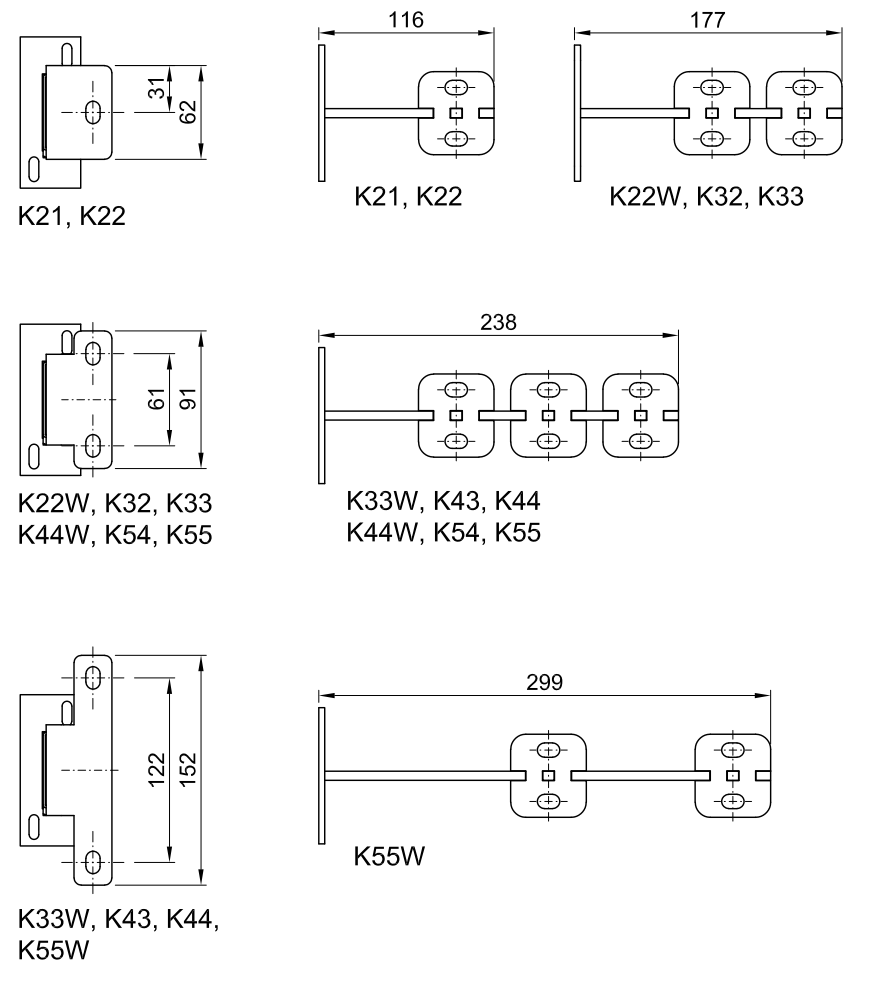
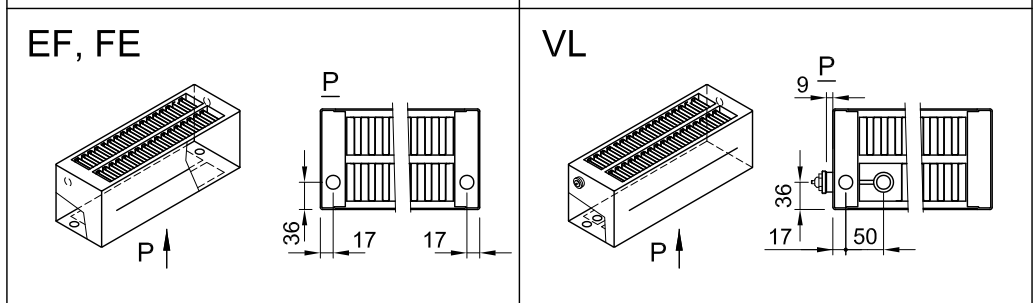
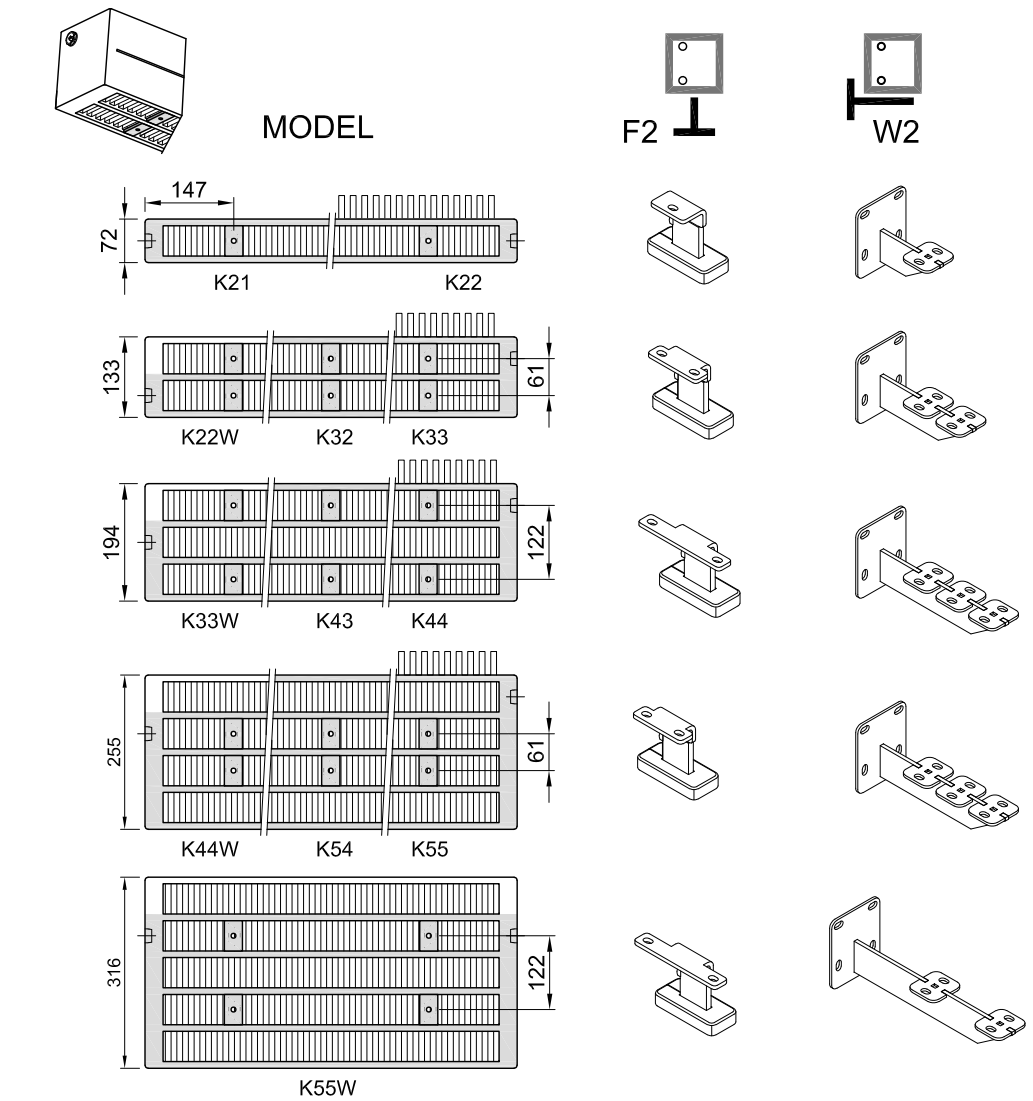
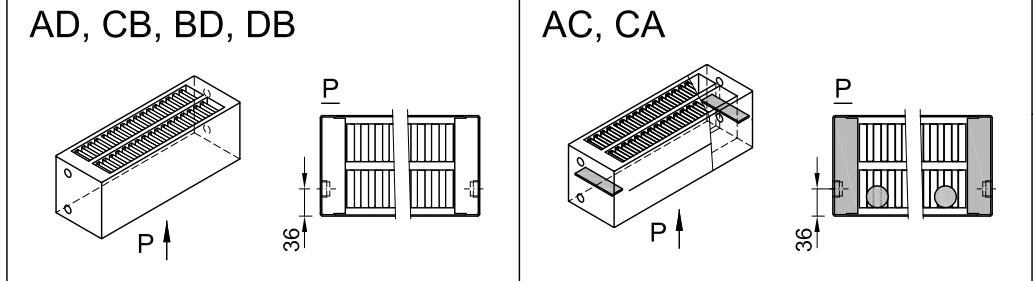
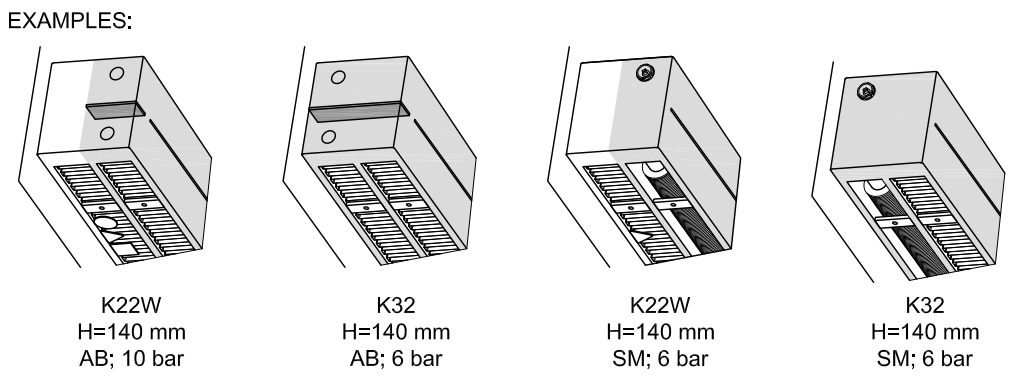
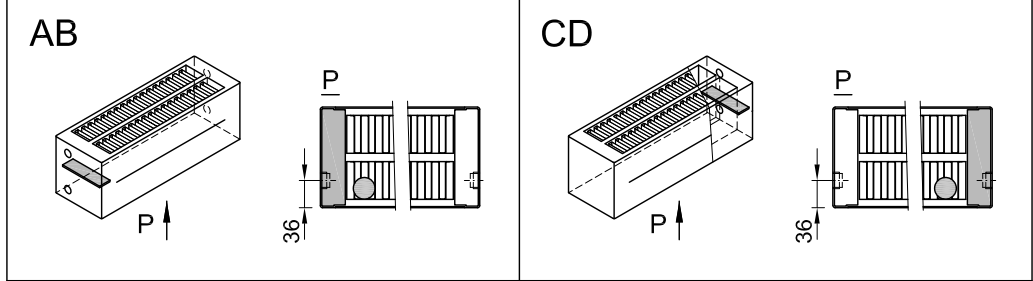
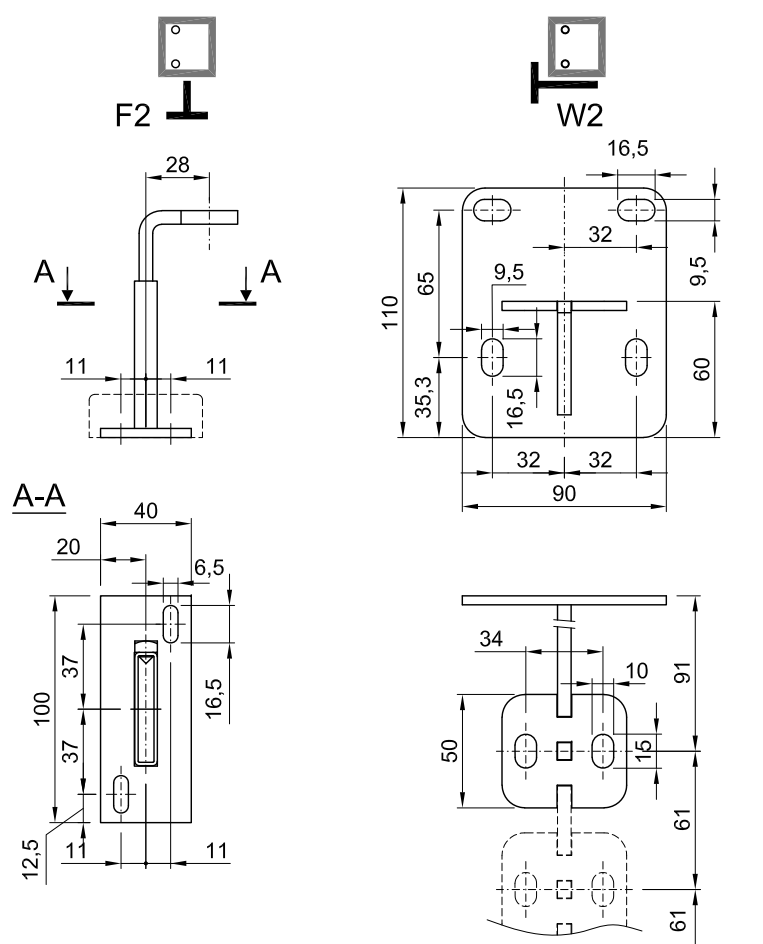
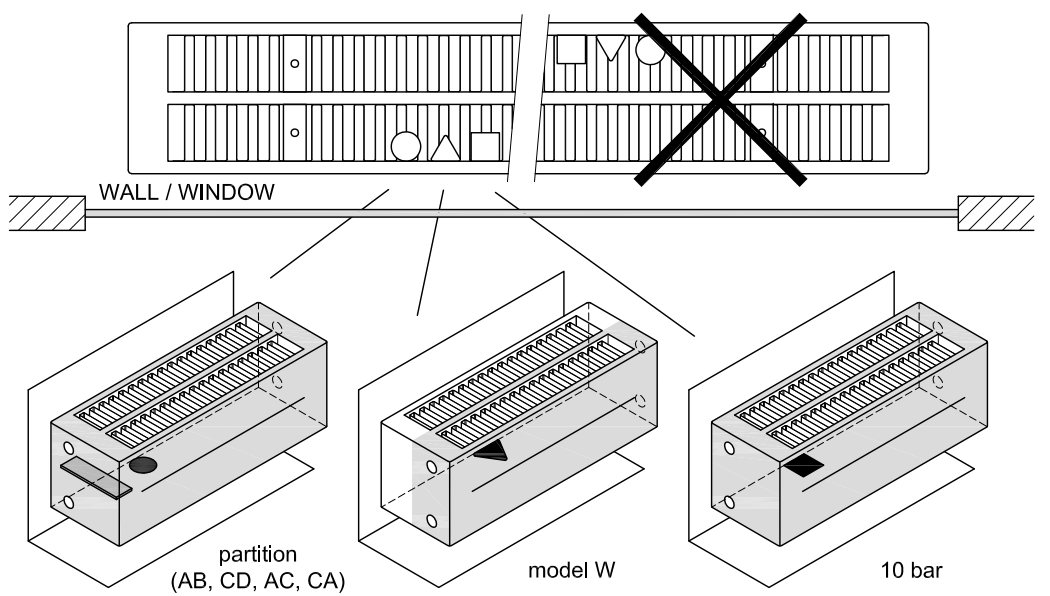
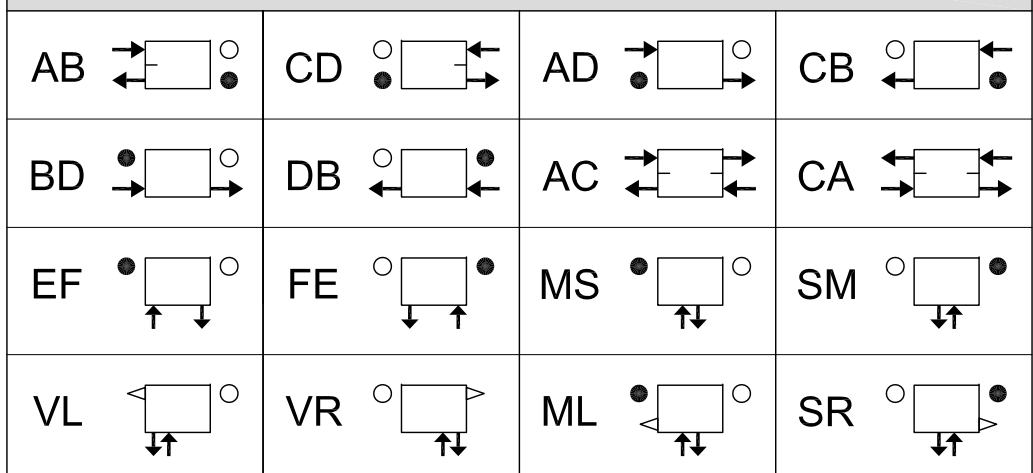
AB, CD, AD, CB, BD, DB, AC, CA, EF, FE, VL, VR



MS, SM, ML, SR

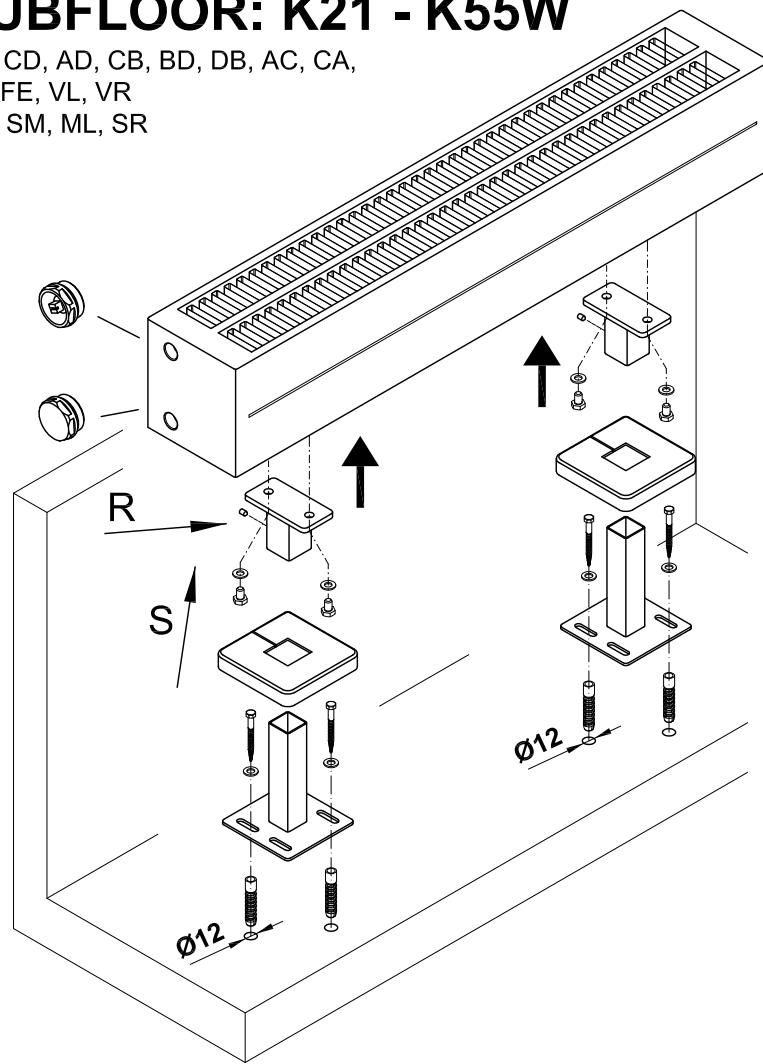


= = G1/2" (standard)



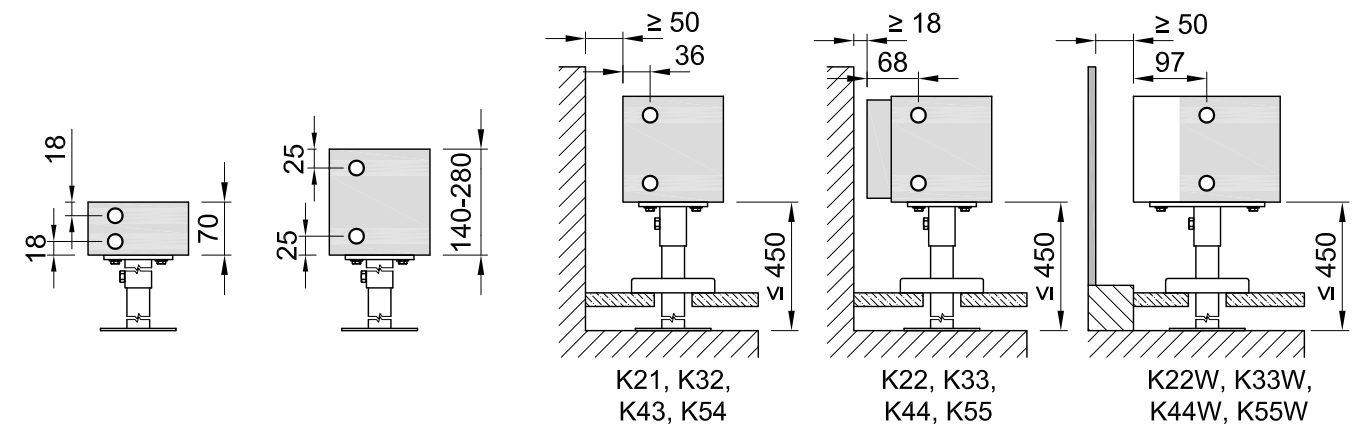
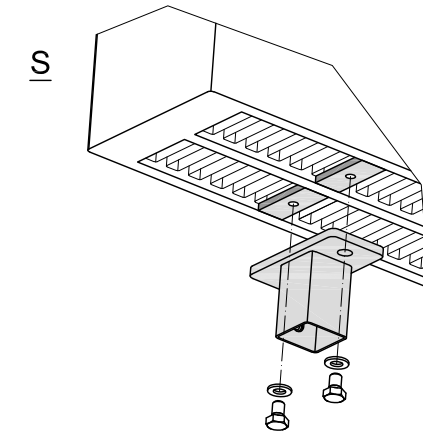
SUBFLOOR: K21 - K55W

AB, CD, AD, CB, BD, DB, AC, CA,
EF, FE, VL, VR
MS, SM, ML, SR



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

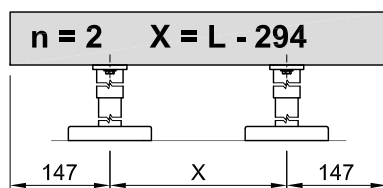
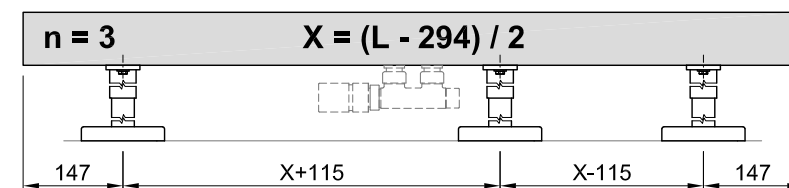
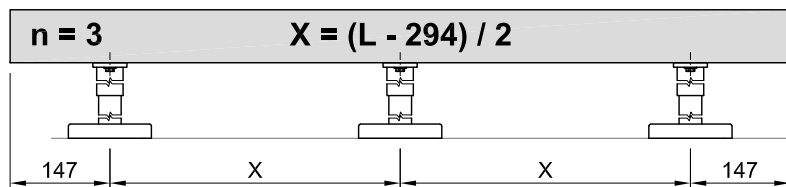
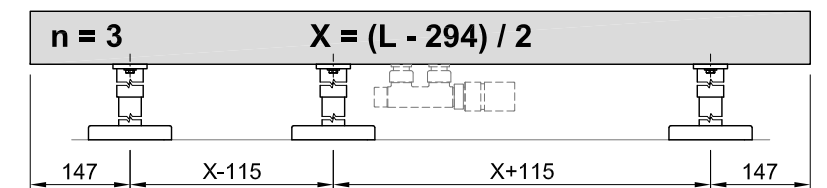
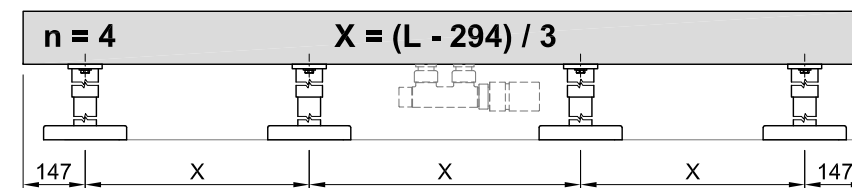
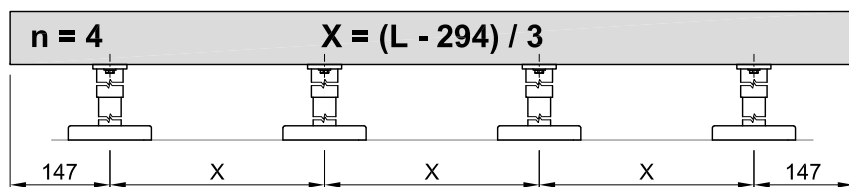
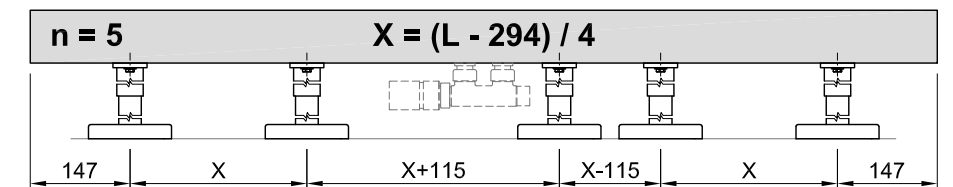
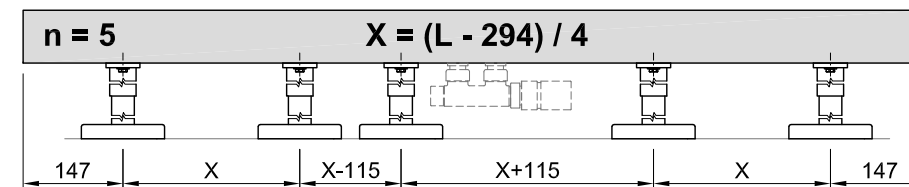
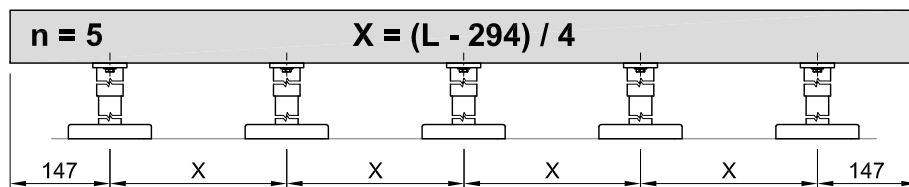
(x) K21, K22



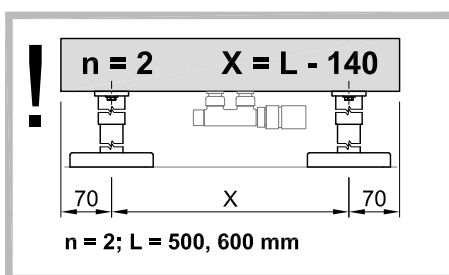
Model	n = 2	n = 2	n = 3	n = 4	n = 5
K21 - K44W	400 mm	500 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm	-----
K54 - K55W	400 mm	500 - 1000 mm	1100 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm

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

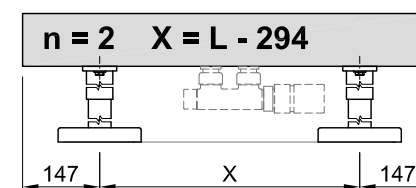
MS, SM, ML, SR



n = 2, L ≥ 500 mm



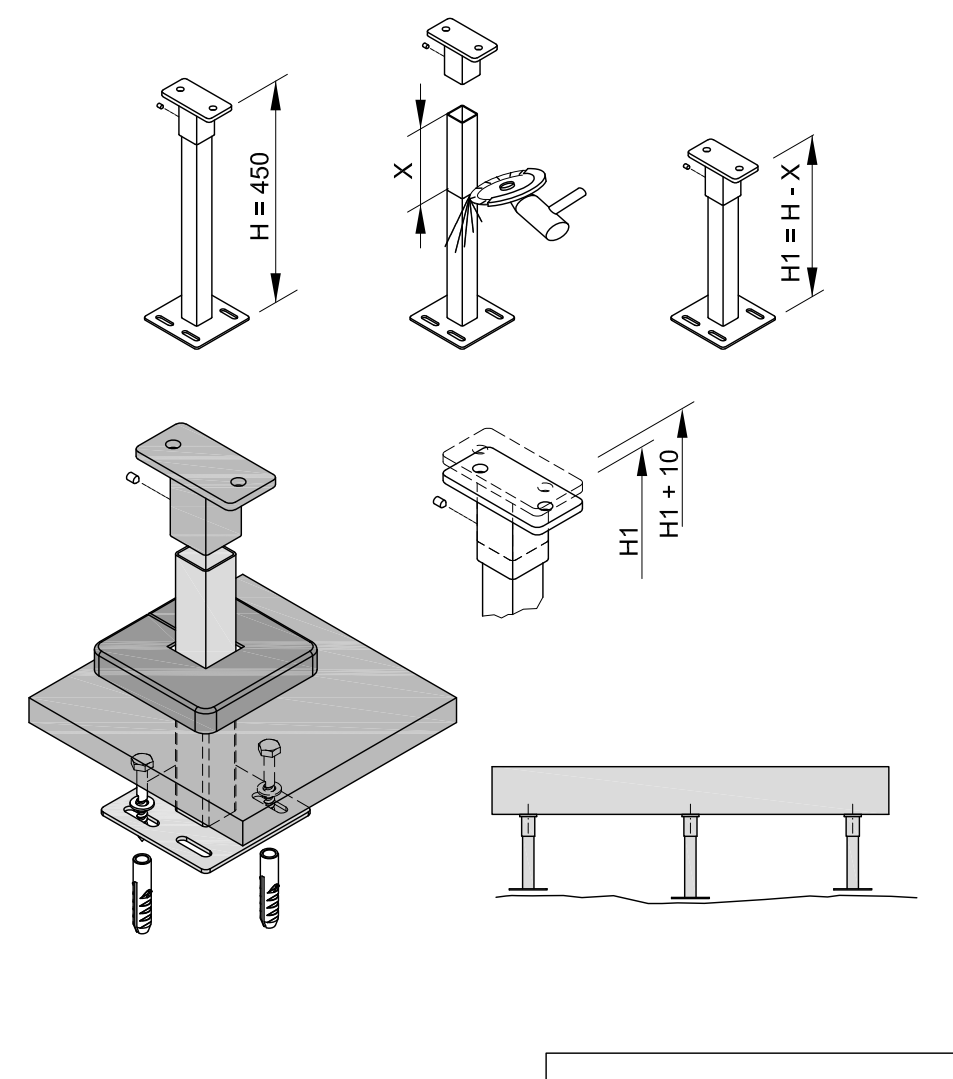
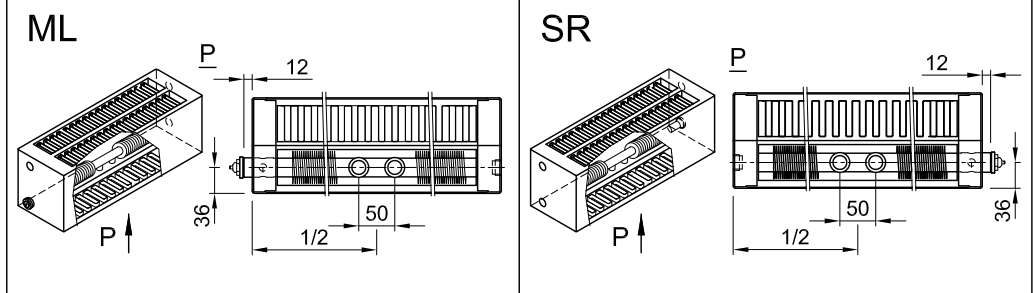
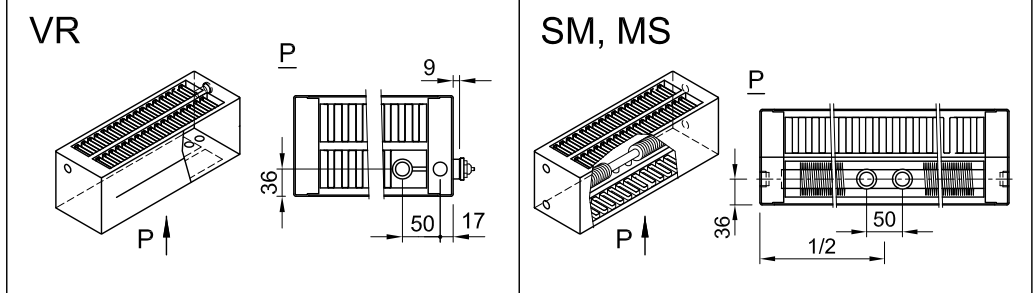
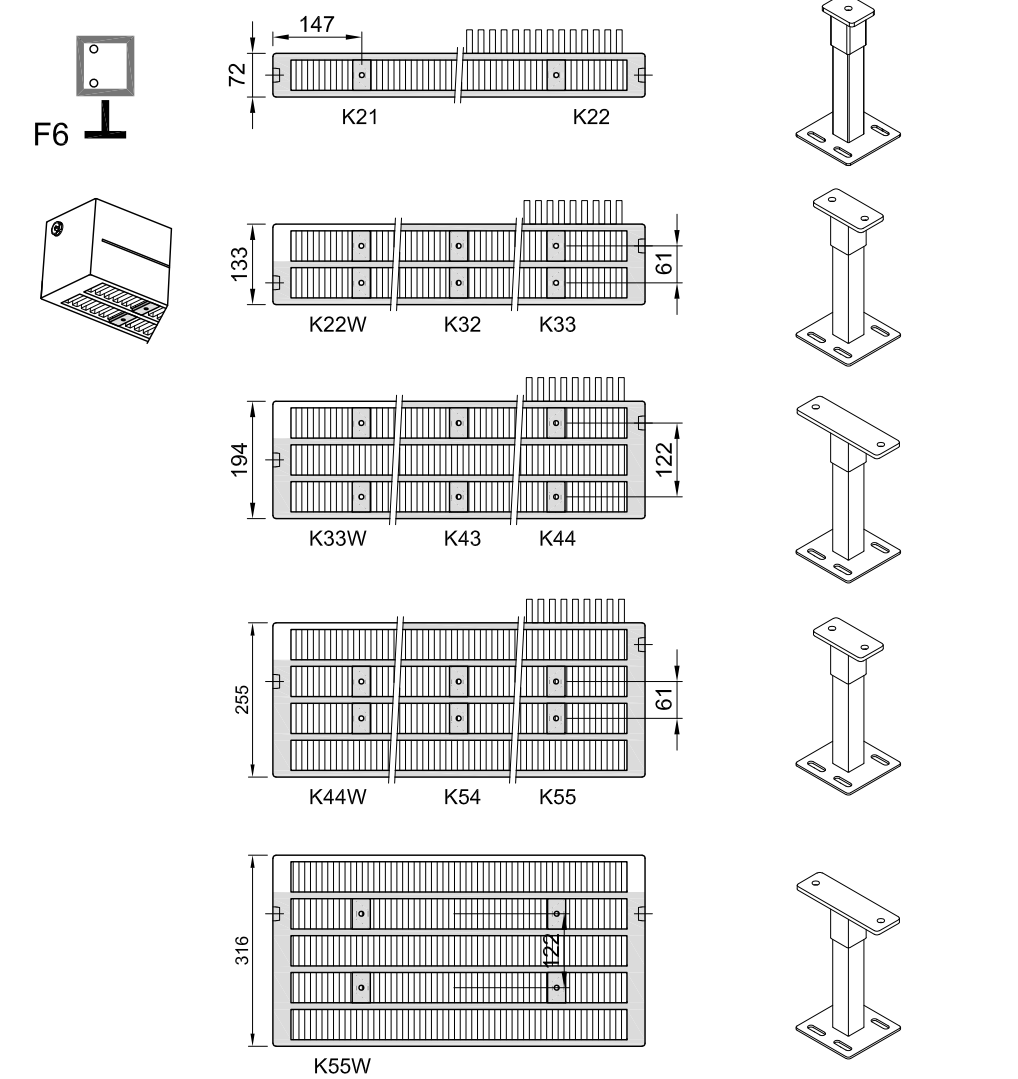
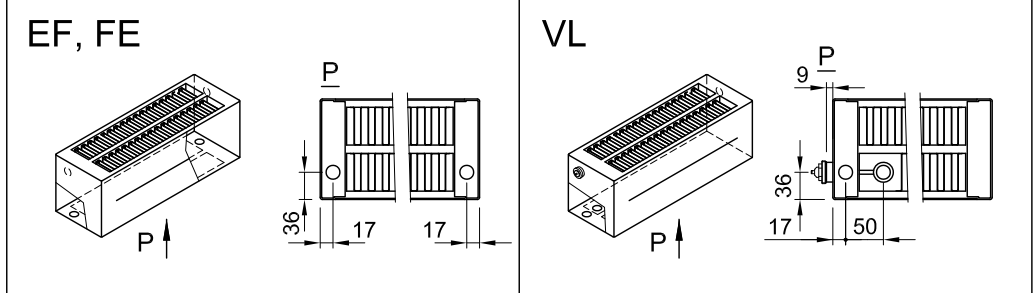
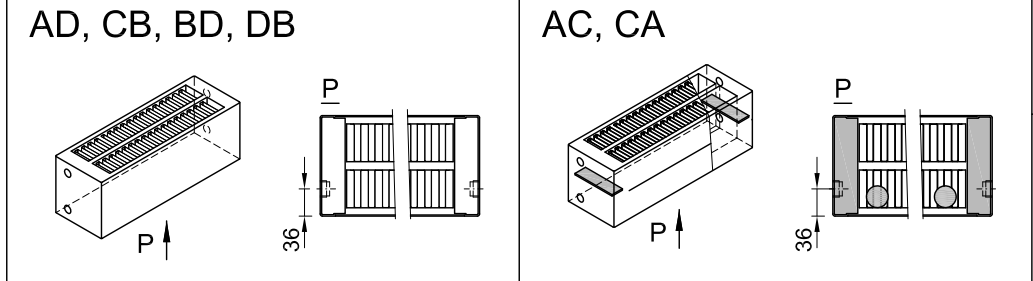
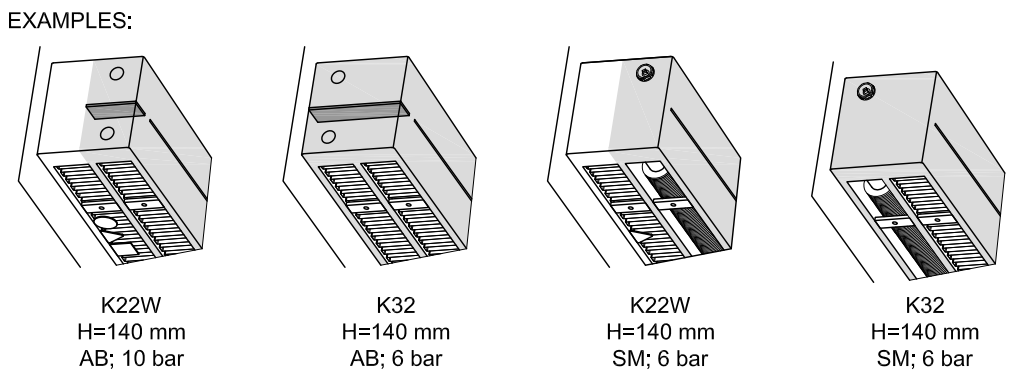
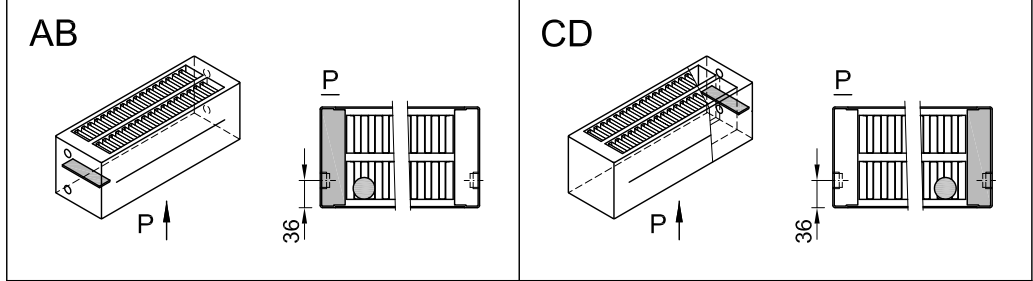
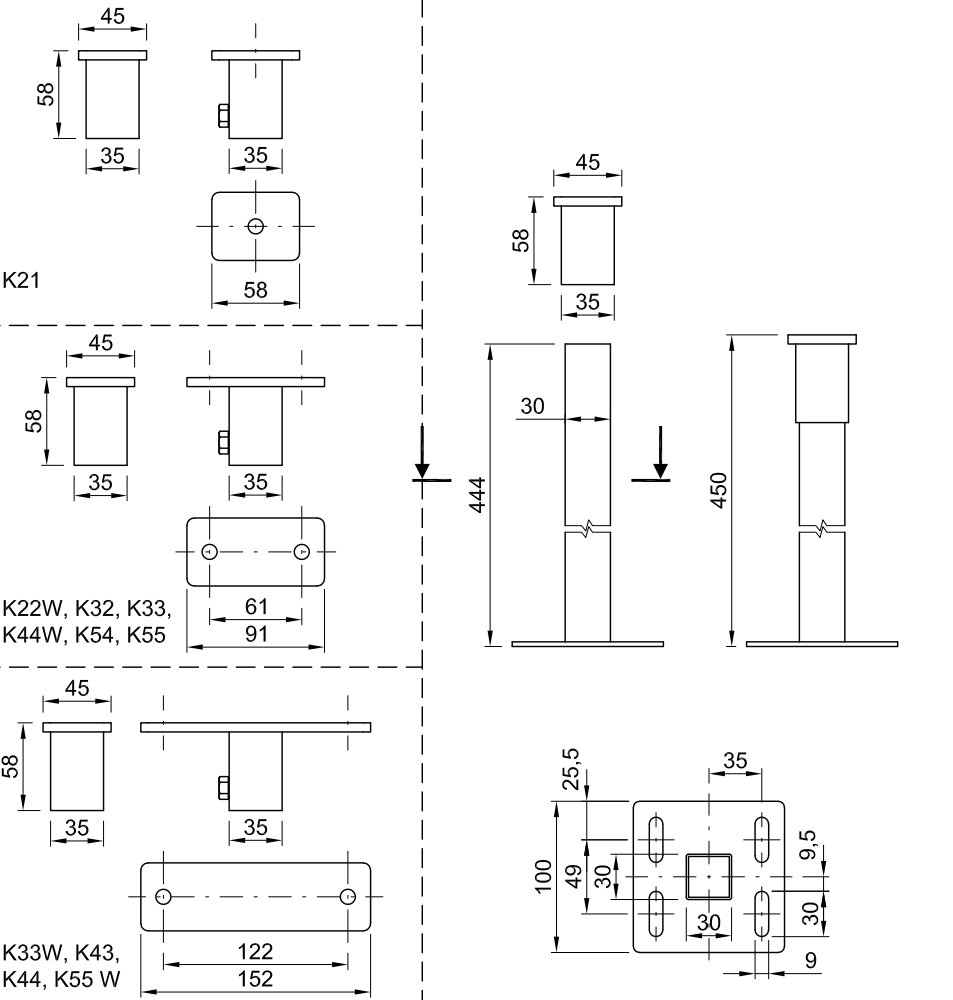
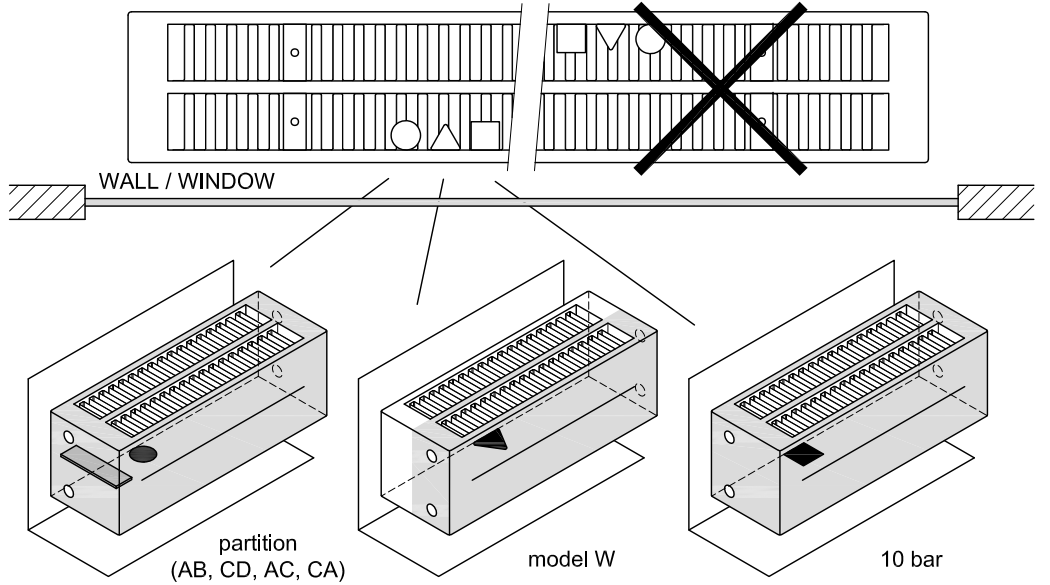
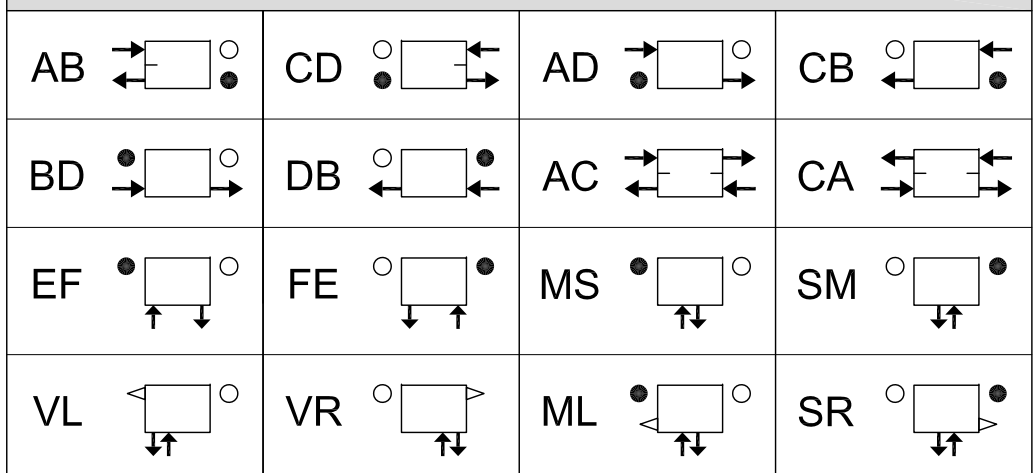
n = 2; L = 500, 600 mm



n = 2, L ≥ 700 mm



= ○ = ● G1/2" (standard)



FLOOR: K20, K30, K40, K50

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

special

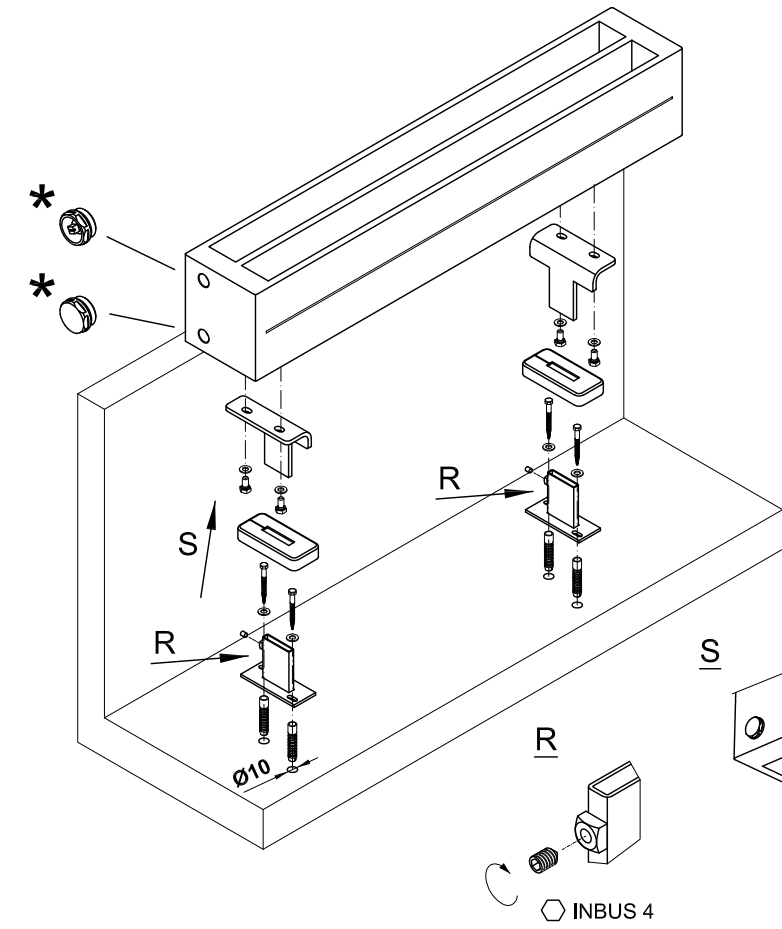
F1

WALL: K20, K30, K40, K50

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

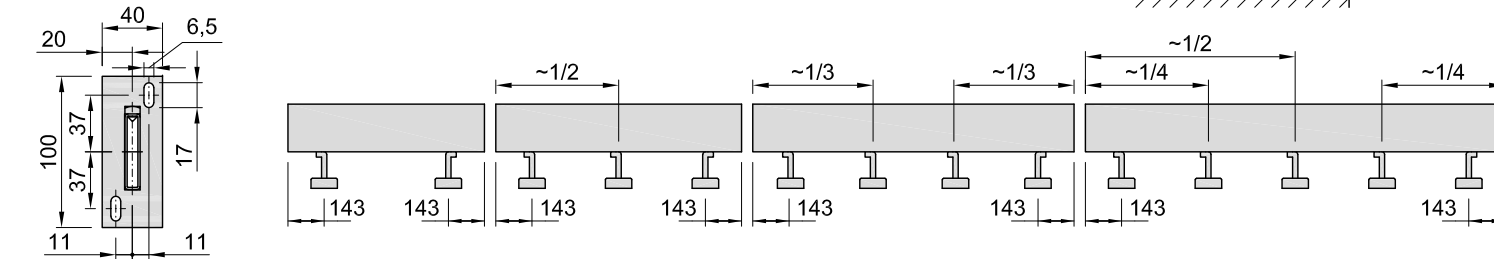
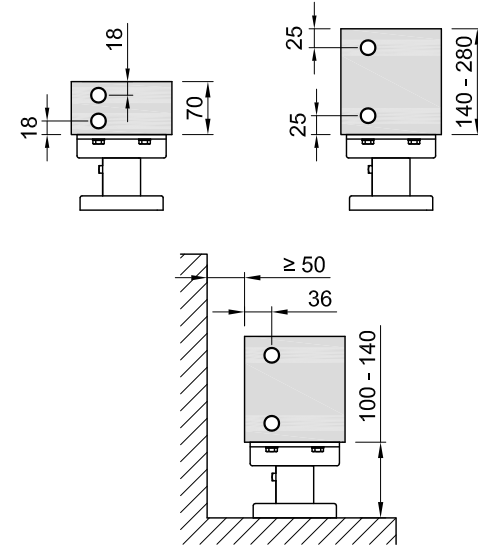
special

W1

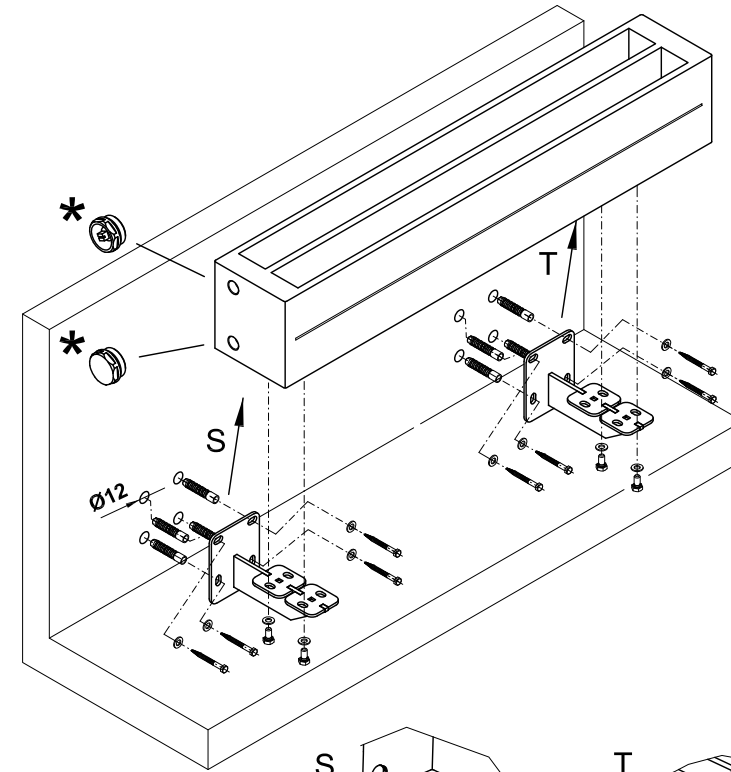


L [mm]	Model				
400 - 1000	K20, K30, K40	2	2	4 (2)	4
	K50	2	2	4 (2)	4
1100 - 2000	K20, K30, K40	2	2	4 (2)	4
	K50	3	3	6 (3)	6
2200 - 4000	K20, K30, K40	3	3	6 (3)	6
	K50	4	4	8 (4)	8
4200 - 6000	K20, K30, K40	4	4	8 (4)	8
	K50	5	5	10 (5)	10

(x) K20

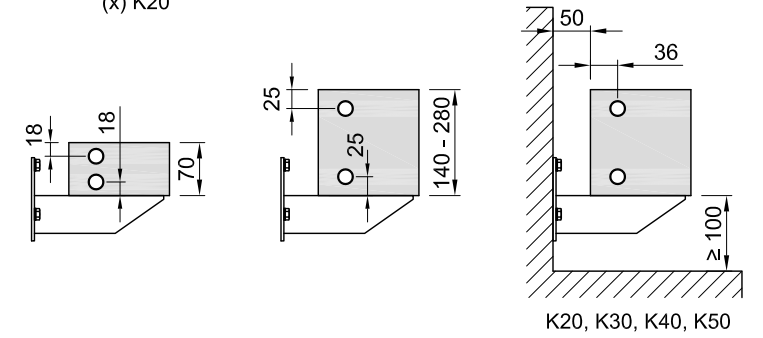


Model	400 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm	---
K20, K30, K40	400 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm	---
K50	400 - 1000 mm	1100 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm

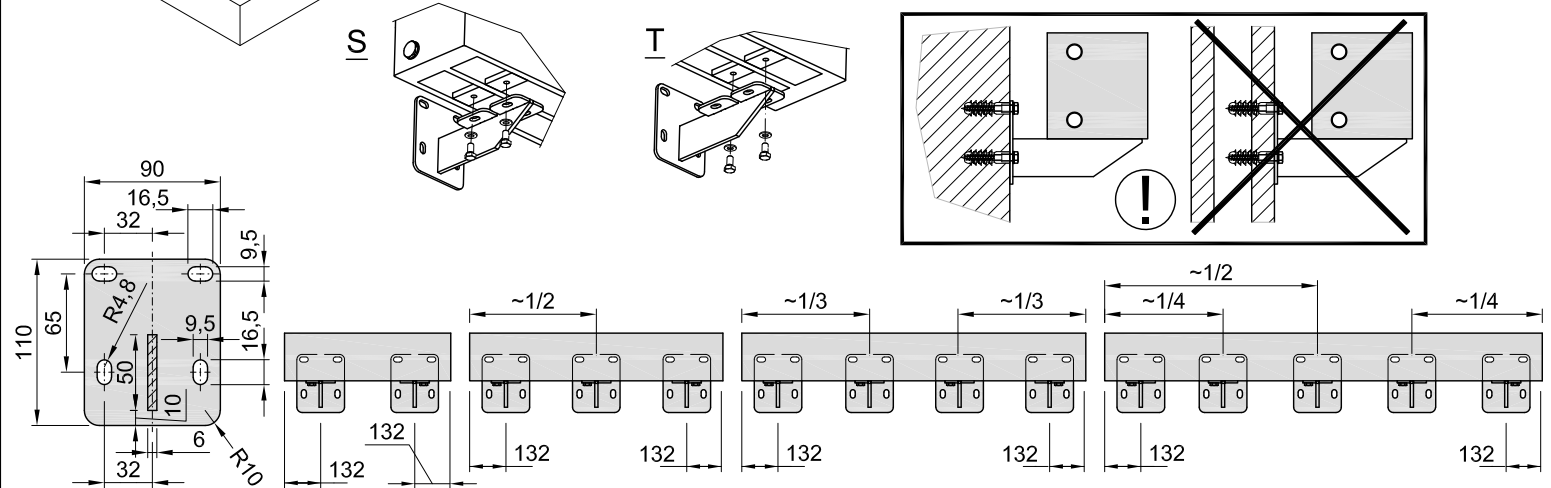


L [mm]	Model				
400 - 1000	K20, K30, K40	2	2	4 (2)	8
	K50	2	2	4 (2)	8
1100 - 2000	K20, K30, K40	2	2	4 (2)	8
	K50	3	3	6 (3)	12
2200 - 4000	K20, K30, K40	3	3	6 (3)	12
	K50	4	4	8 (4)	16
4200 - 6000	K20, K30, K40	4	4	8 (4)	16
	K50	5	5	10 (5)	20

(x) K20

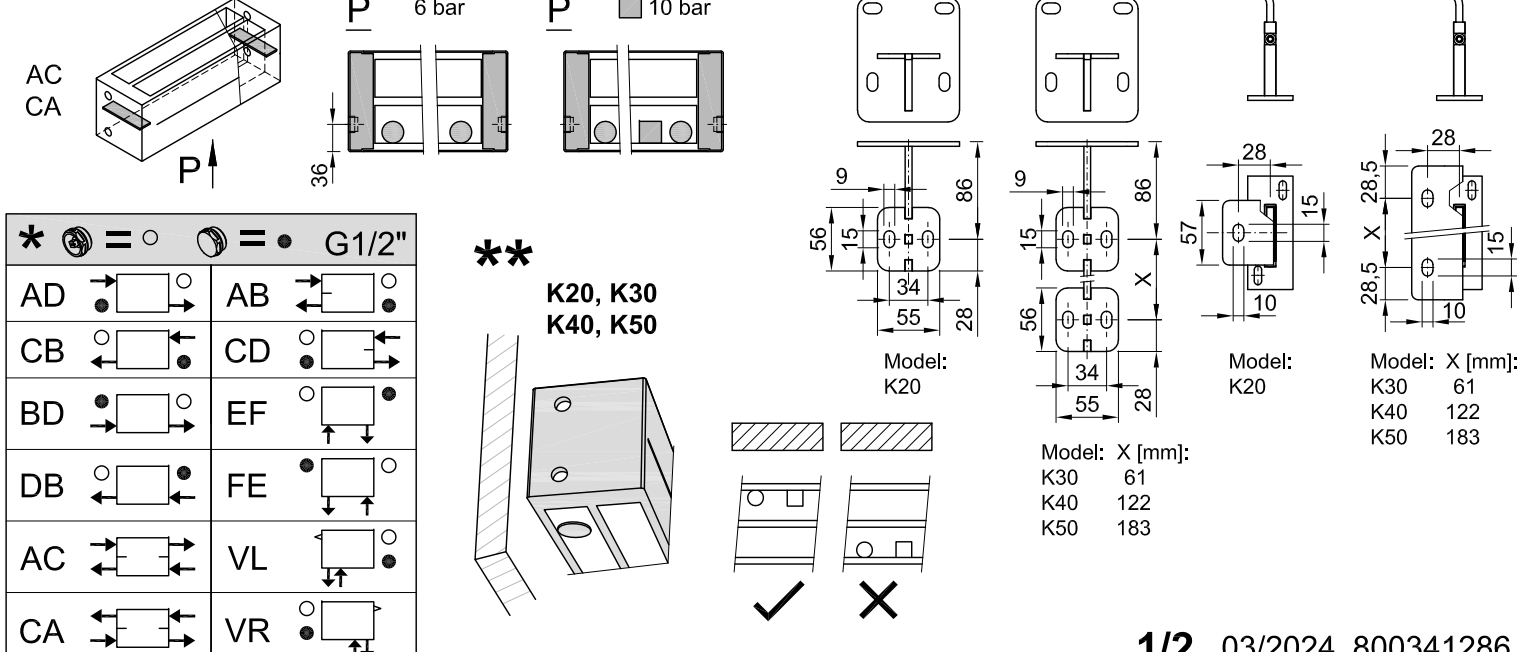
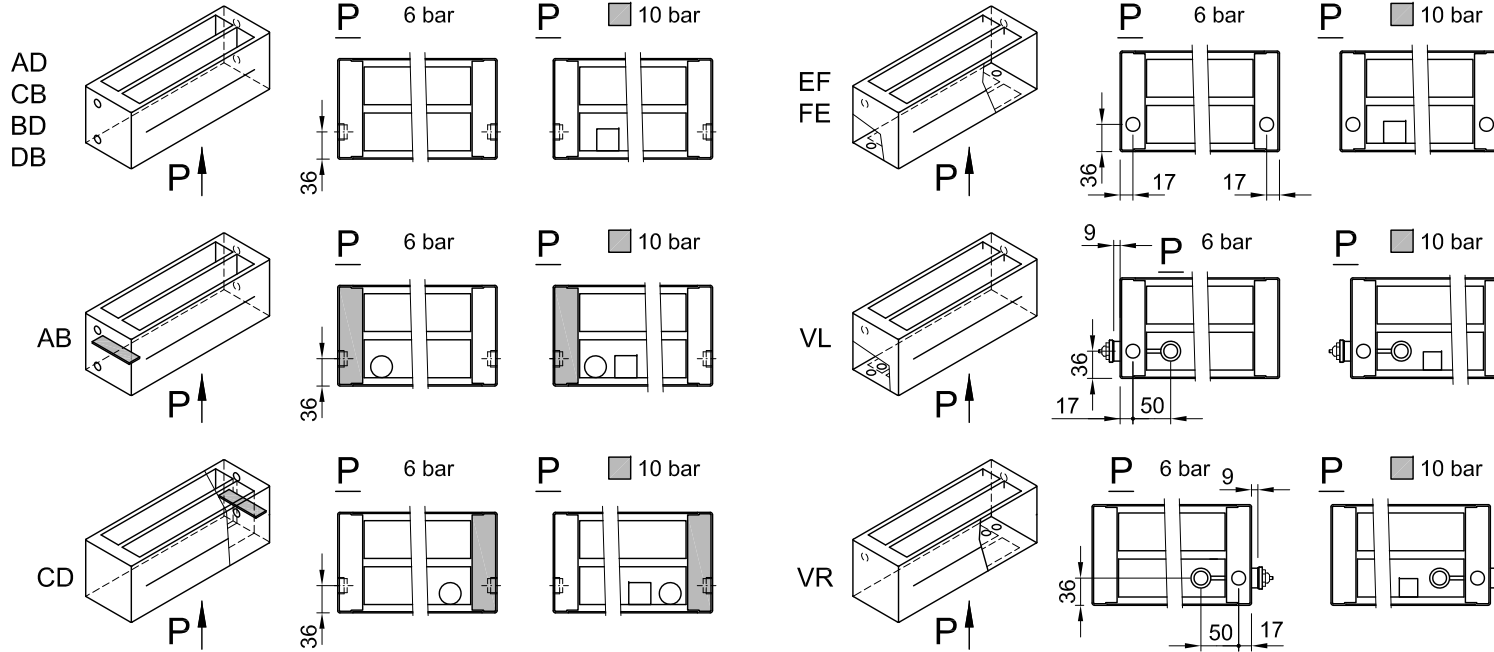


K20, K30, K40, K50



Model	400 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm	---
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

**



FLOOR: K20, K30, K40, K50

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

special

F4

FLOOR: K20, K30, K40, K50

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

special

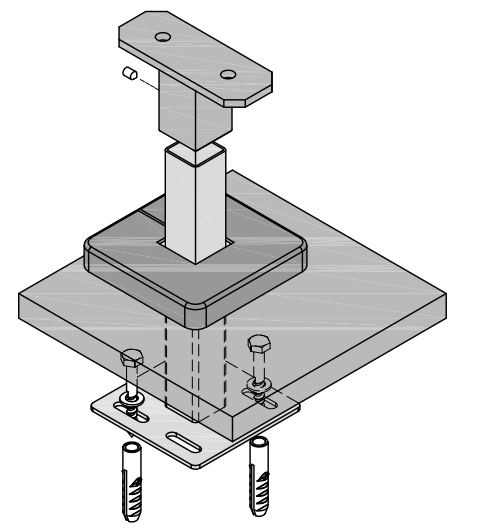
F4

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

(x) K20

Model	400 - 2000 mm	2200 - 4000 mm	4200 - 6000 mm	---
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

Model:	X [mm]:
K30	61
K40	122
K50	183



* = = = G1/2"

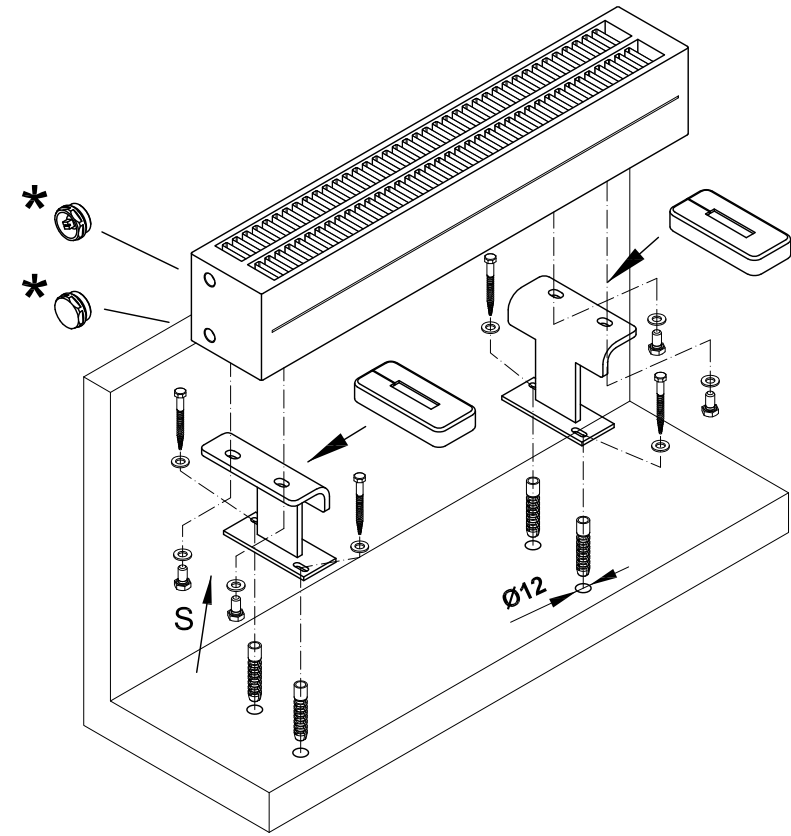
AD	AB
CB	CD
BD	EF
DB	FE
AC	VL
CA	VR

FLOOR: K21 - K55W

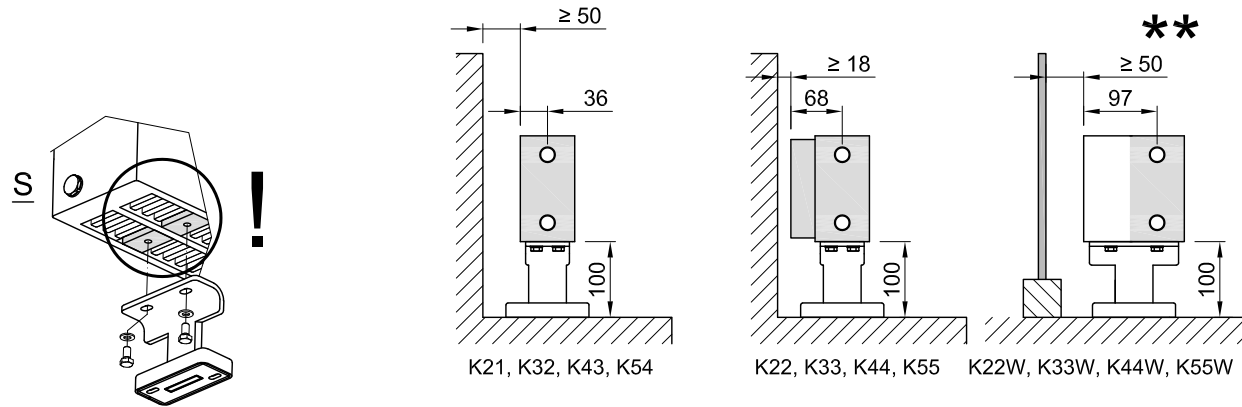
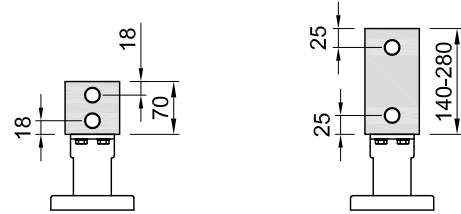
AB, CD, AD, CB, BD, DB
AC, CA, EF, FE, VL, VR

VDI6036, class 3

R1



L [mm]	Model	Bracket	Bracket	Bracket
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

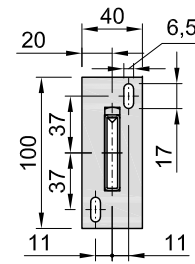


FLOOR: K21 - K55W

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

VDI6036, class 3

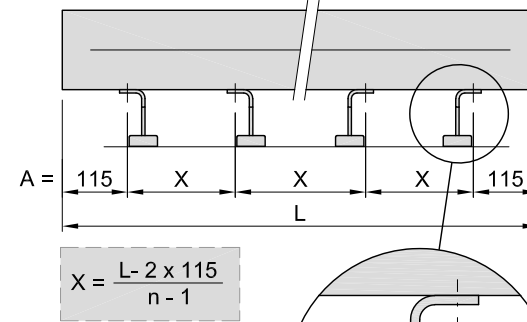
R1



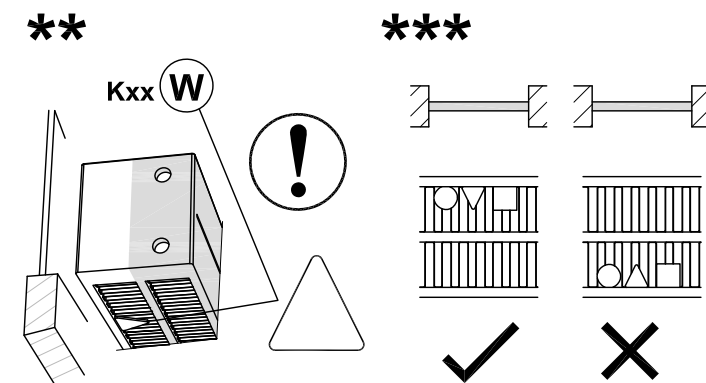
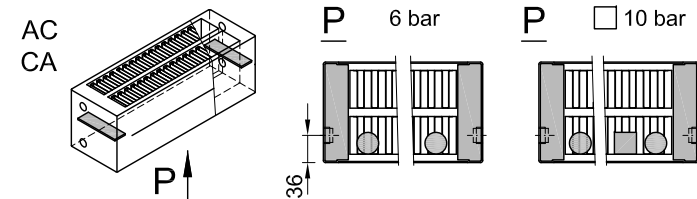
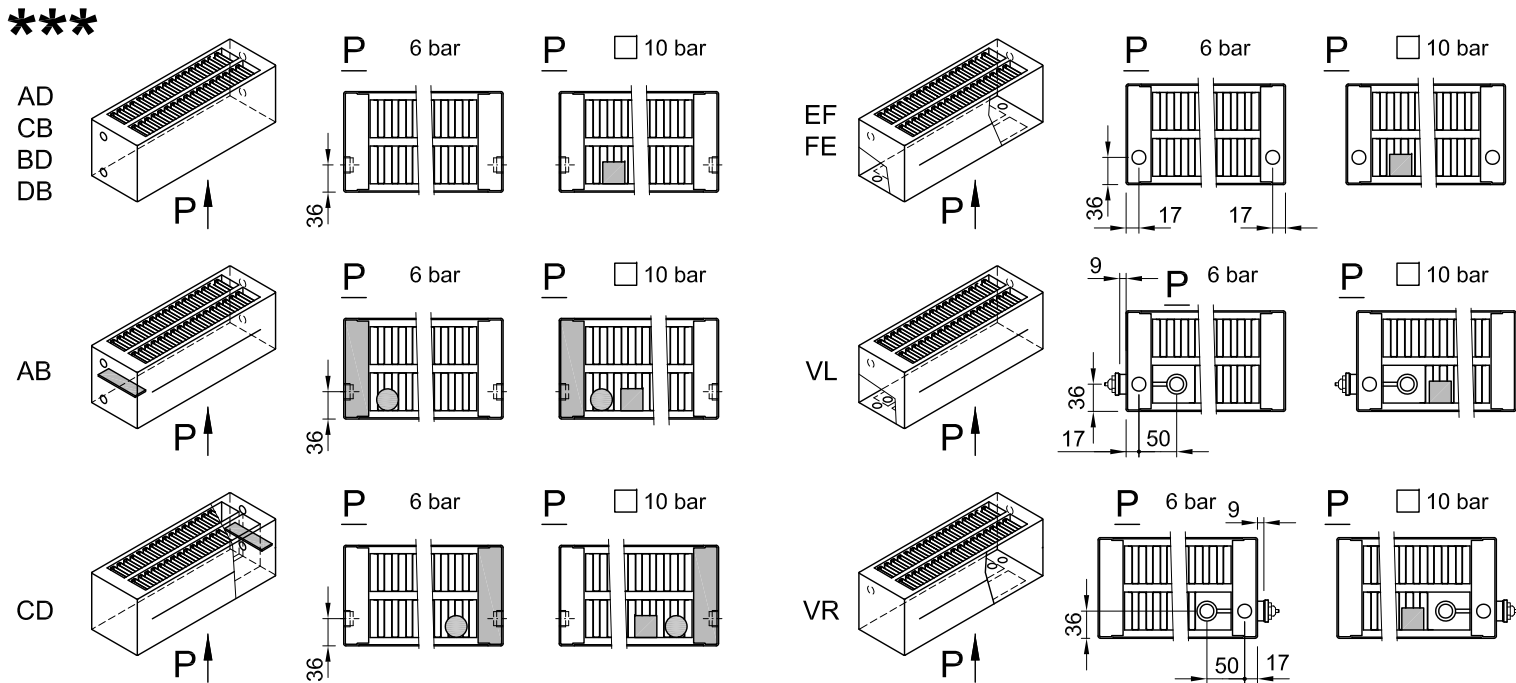
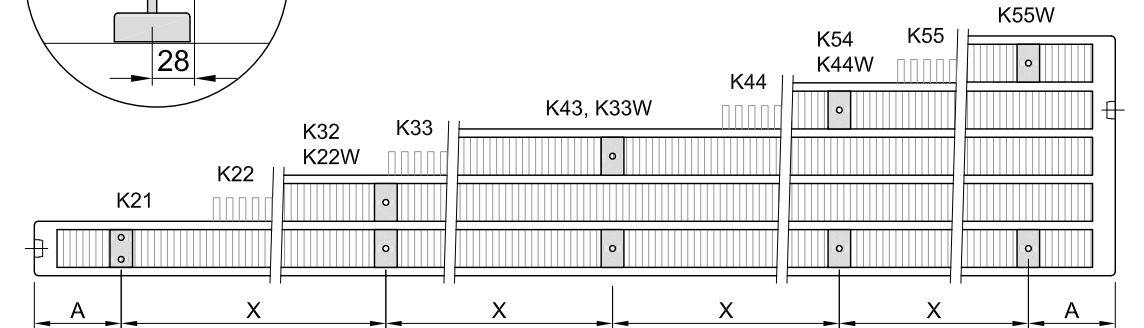
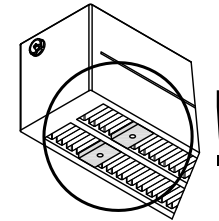
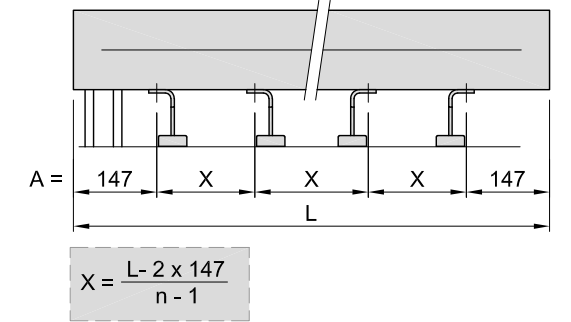
VDI6036, class 3

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



VL, VR



* = \circ G1/2"

= \bullet G1/2"

AD	
CB	
BD	
DB	
AC	

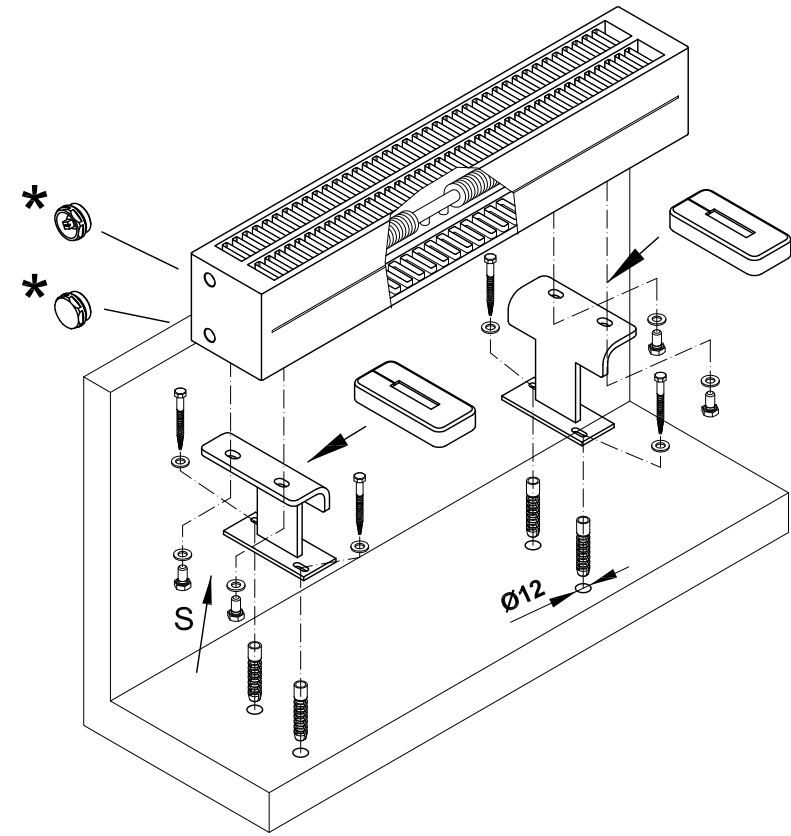
CA	
AB	
CD	
EF	
FE	
VL	
VR	

FLOOR: K21 - K55W

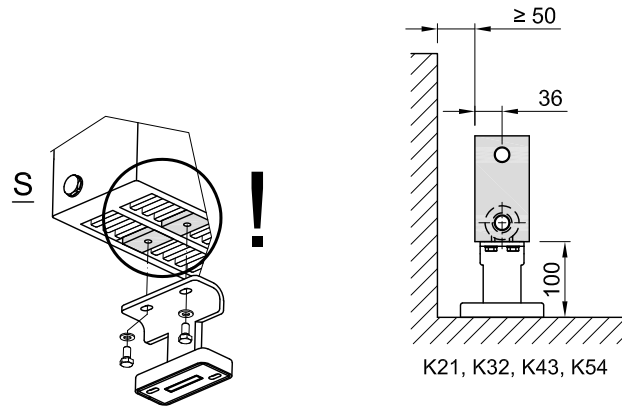
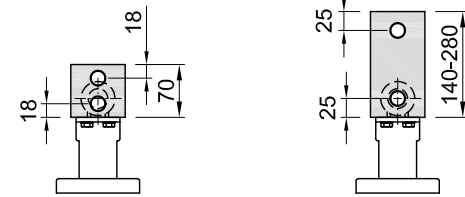
SM, MS, SR, ML

VDI6036, class 3

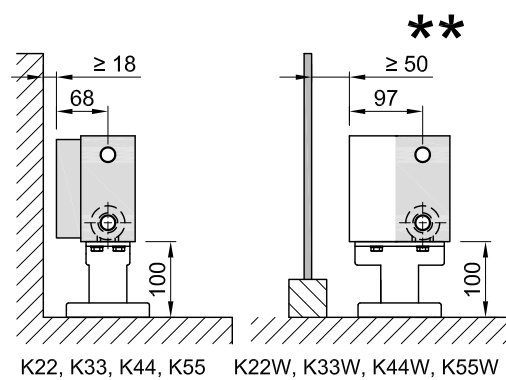
R1



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



K21, K32, K43, K54



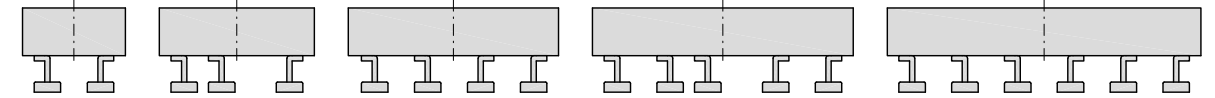
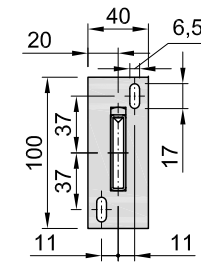
K22, K33, K44, K55 K22W, K33W, K44W, K55W

FLOOR: K21 - K55W

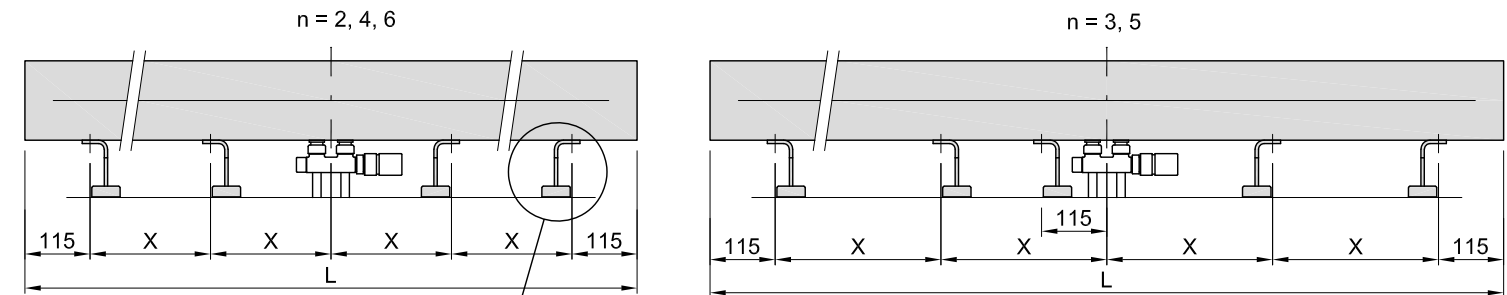
SM, MS, SR, ML

VDI6036, class 3

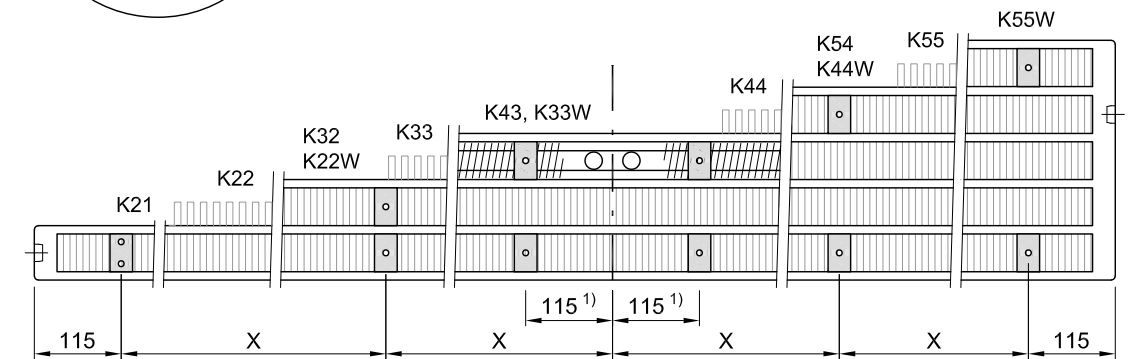
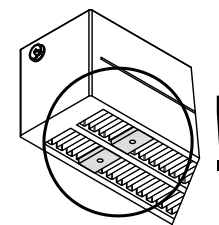
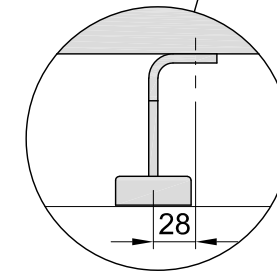
R1



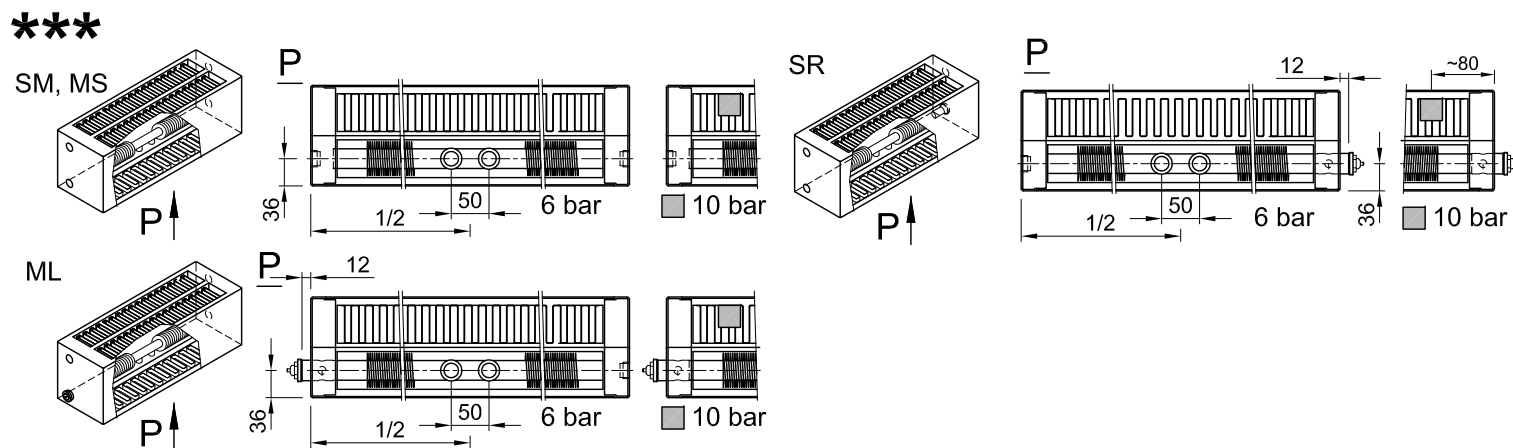
n	2	3	4	5	6
K21 - K44	500 - 2000 mm	2100 - 3600 mm	3700 - 4800 mm	4900 - 6000 mm	---
K44W - K55W	500 - 2000 mm	2100 - 3200 mm	3300 - 4400 mm	4500 - 5500 mm	5600 - 6000 mm



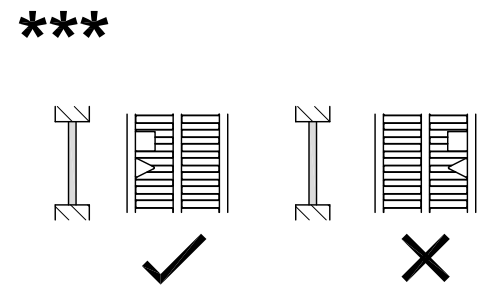
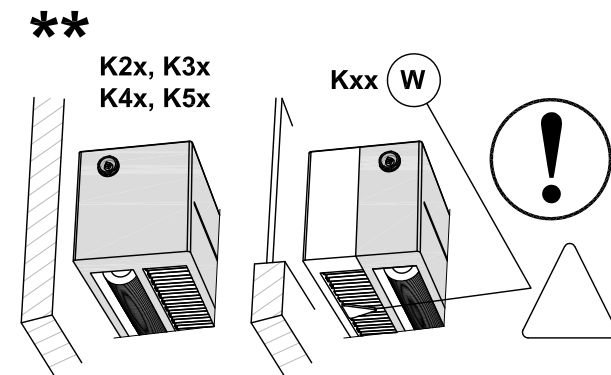
$$X = \frac{L - 2 \times 115}{n - 1}$$



1) n = 3, 5



	*	o G1/2"
MS		
SM		
ML		
SR		

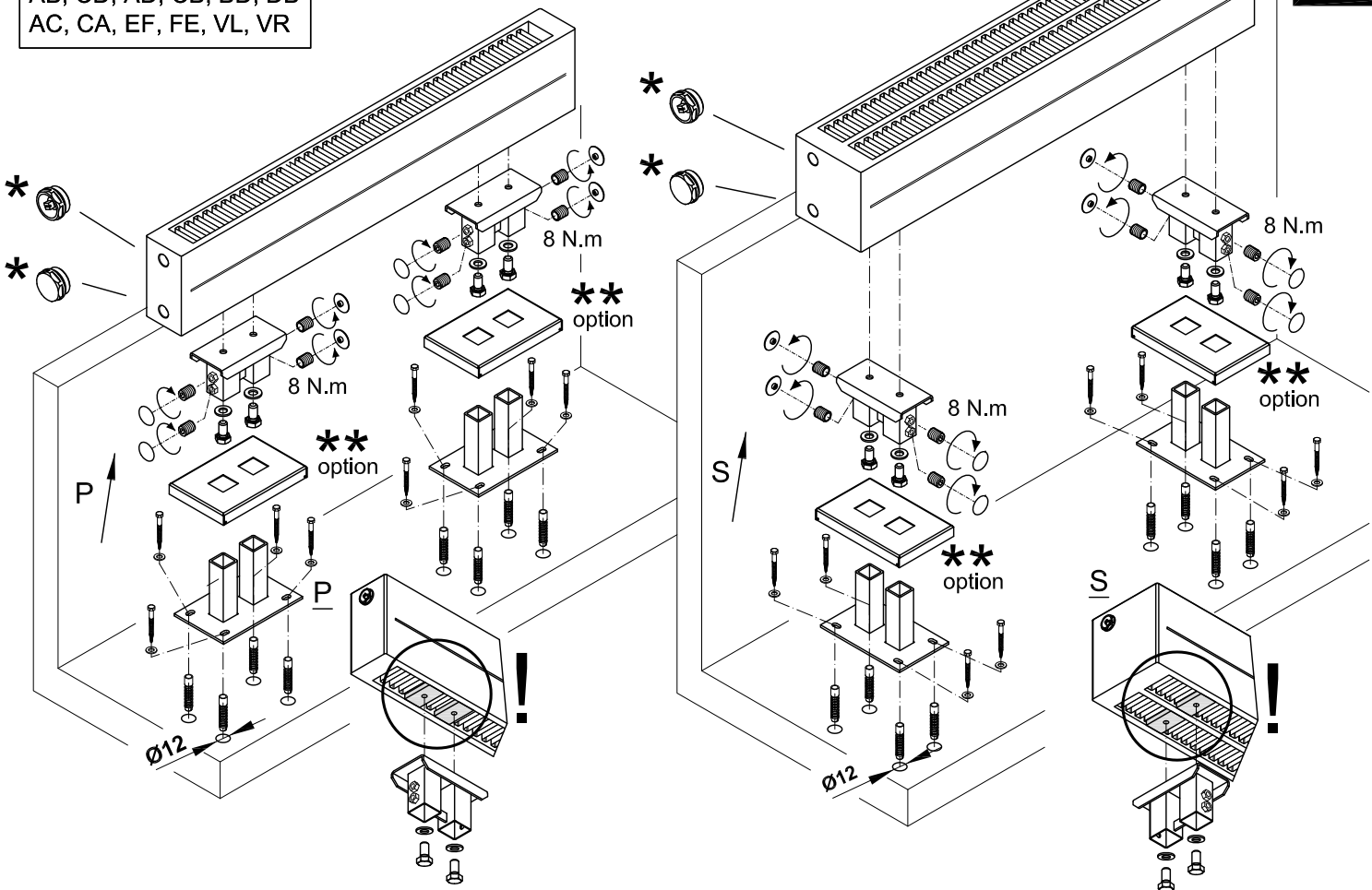


FLOOR: K21 - K55W

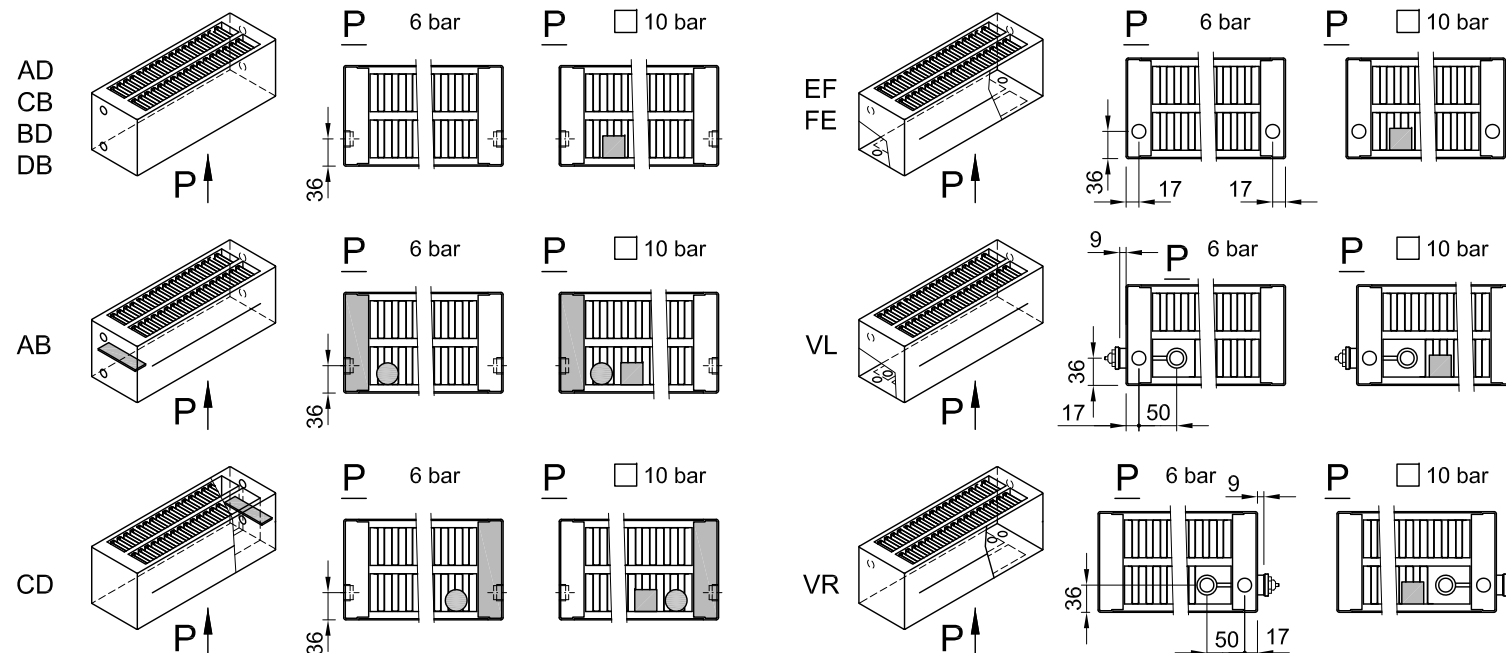
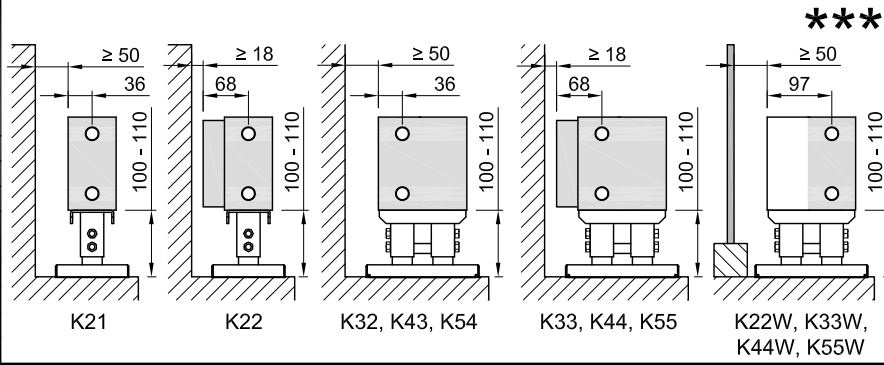
VDI6036, class 3

R2

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



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	2	2	8	4	8
2100 - 3200		3	3	12	6	12
3300 - 4400		4	4	16	8	16
4500 - 5500	K54W	5	5	20	10	20
5600 - 6000		6	6	24	12	24

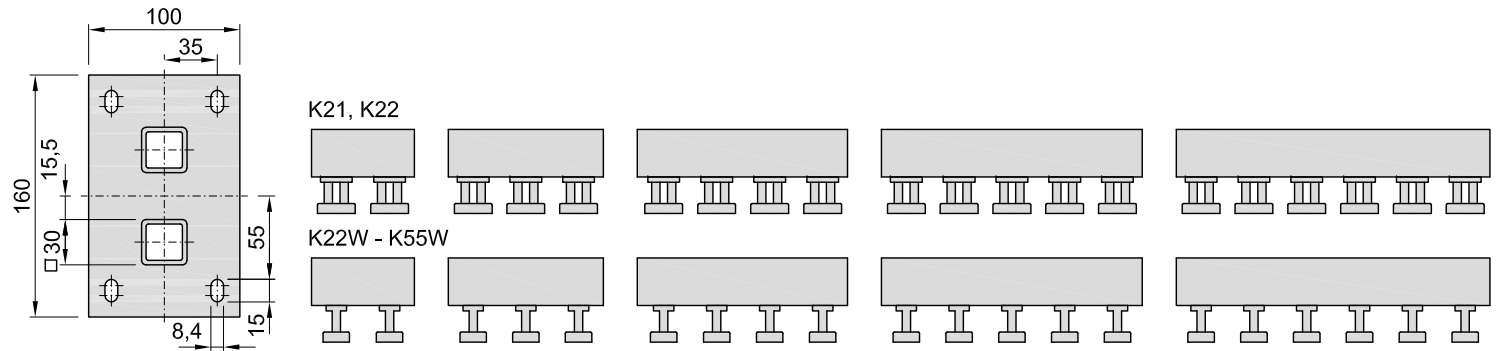


FLOOR: K21 - K55W

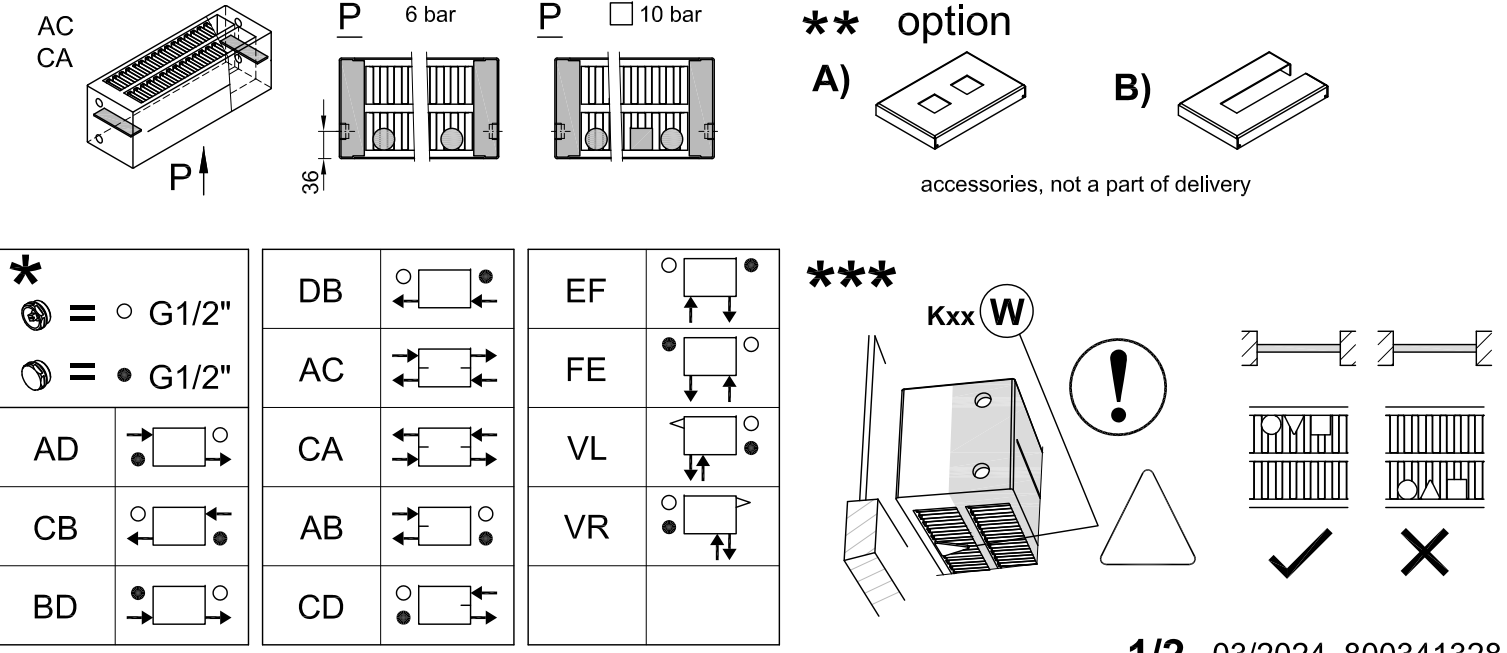
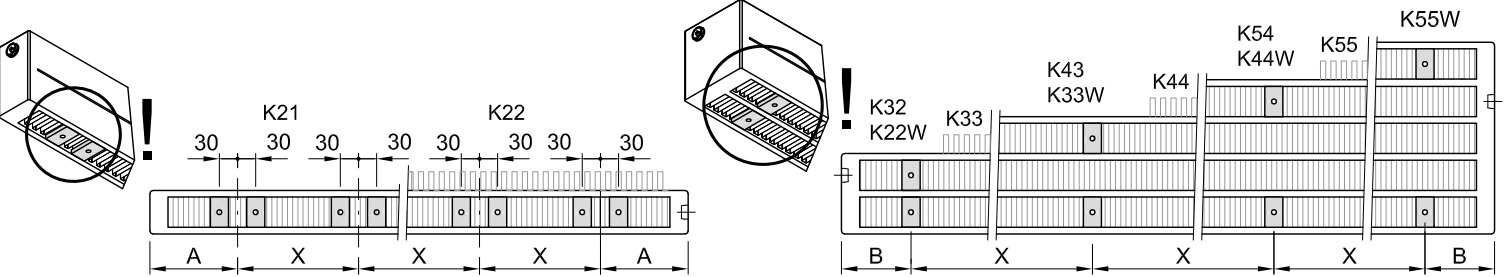
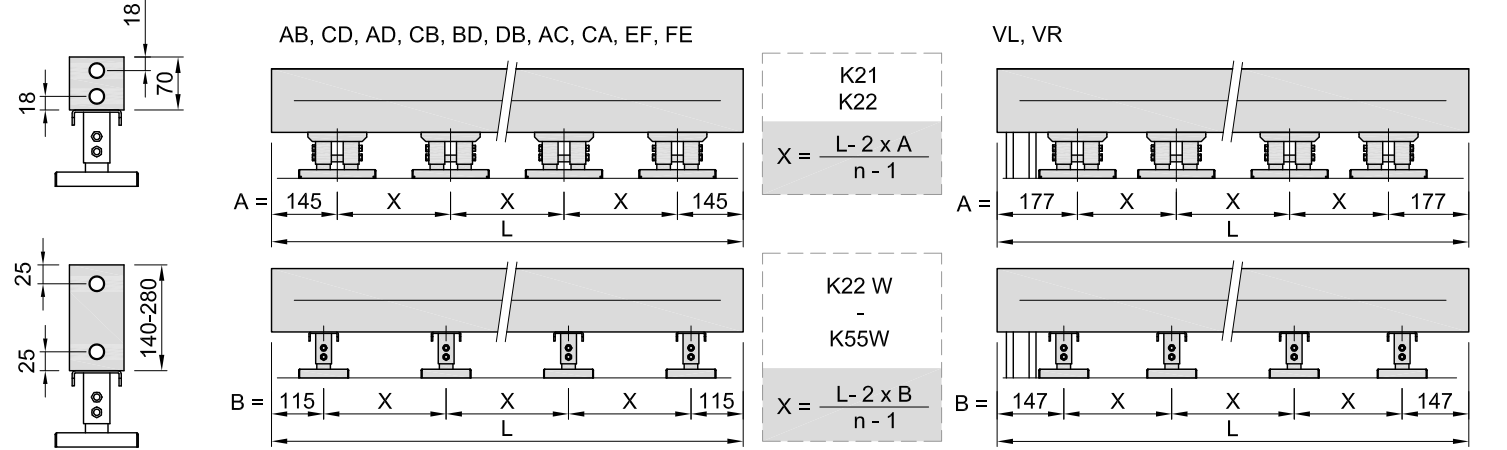
VDI6036, class 3

R2

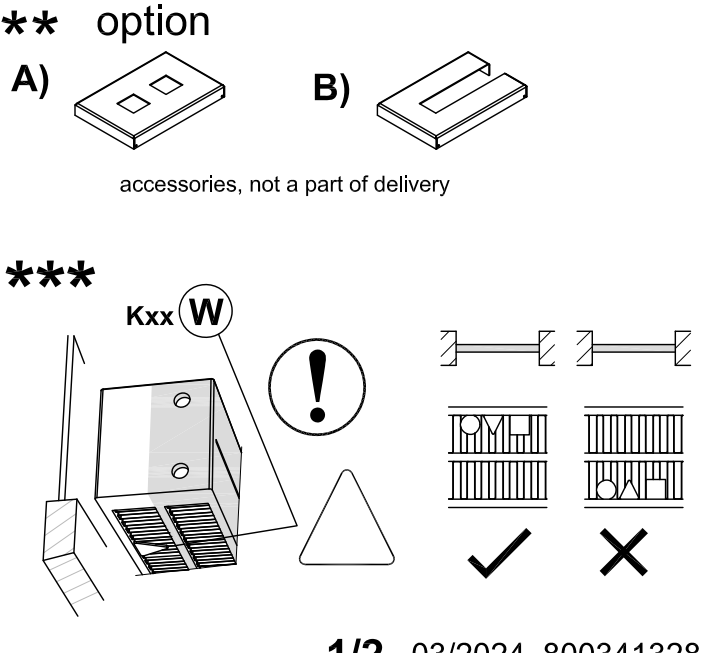
AB, CD, AD, CB, BD, DB
AC, CA, EF, FE, VL, VR



n	2	3	4	5	6
K21 - K44	500 - 2000 mm	2100 - 3600 mm	3700 - 4800 mm	4900 - 6000 mm	---
K44 W - K55 W	500 - 2000 mm	2100 - 3200 mm	3300 - 4400 mm	4500 - 5500 mm	5600 - 6000 mm



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

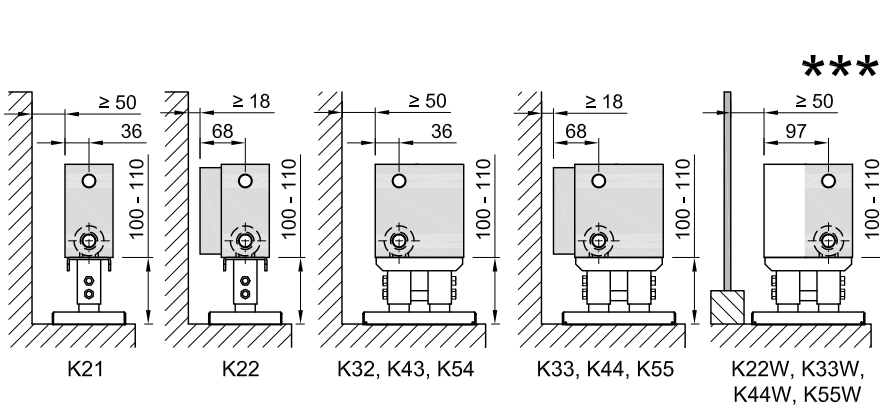
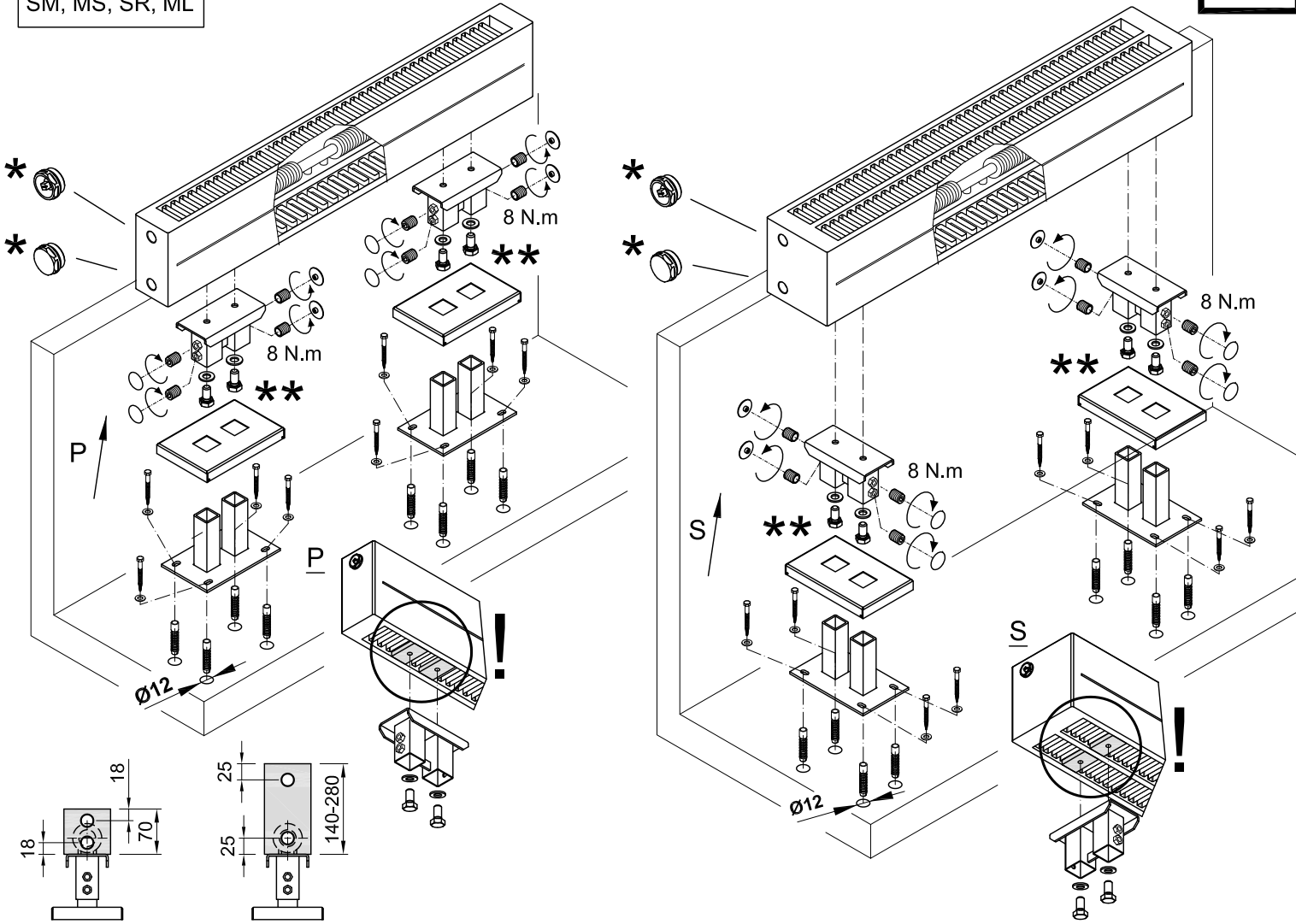


FLOOR: K21 - K55W

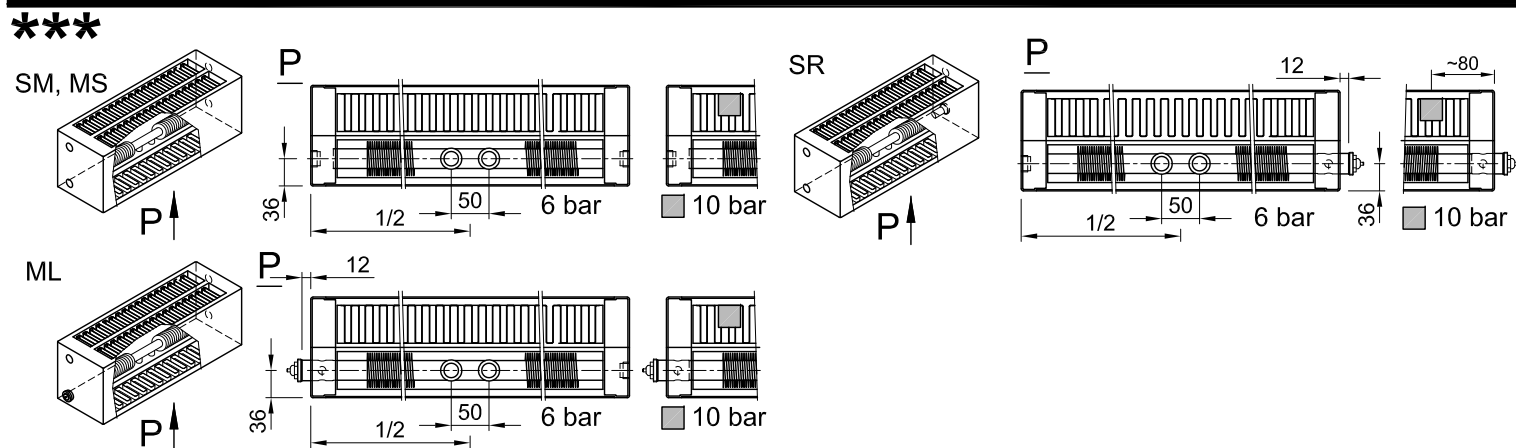
SM, MS, SR, ML

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	K44W - K55W	5	5	20	10	20
500 - 2000		2	2	8	4	8
2100 - 3200		3	3	12	6	12
3300 - 4400	K54W - K55W	4	4	16	8	16
4500 - 5500		5	5	20	10	20
5600 - 6000		6	6	24	12	24

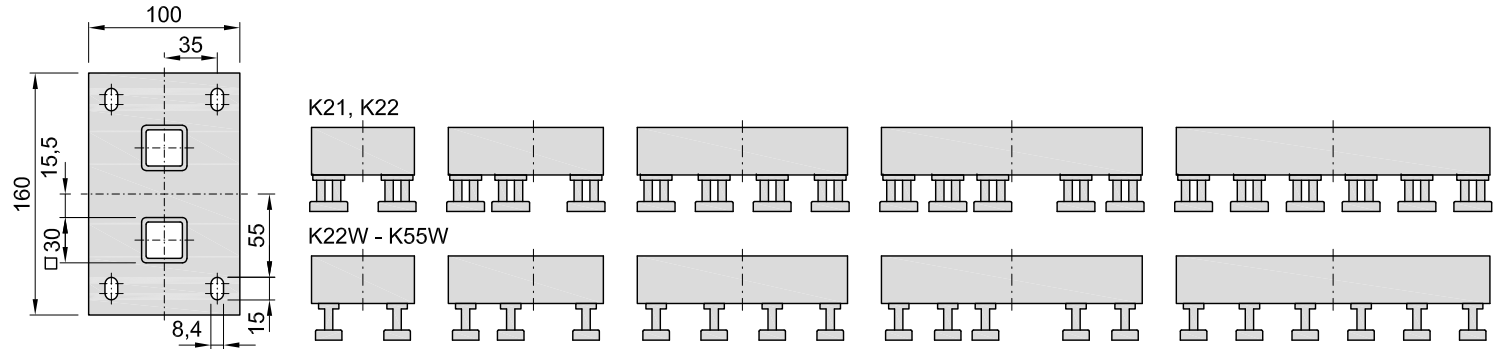


FLOOR: K21 - K55W

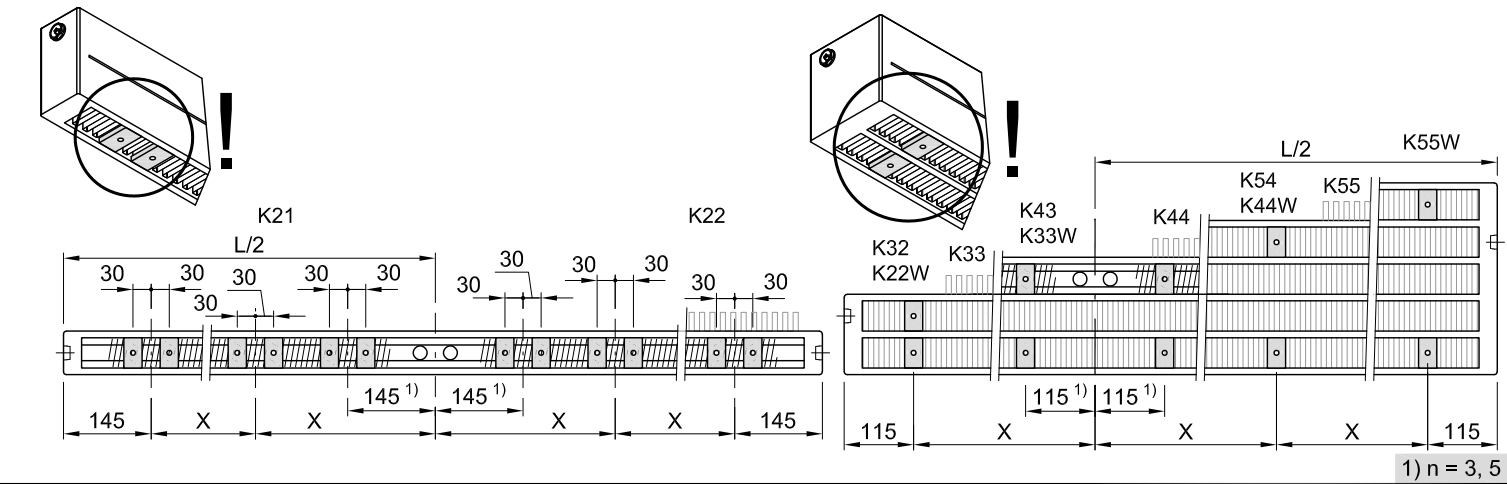
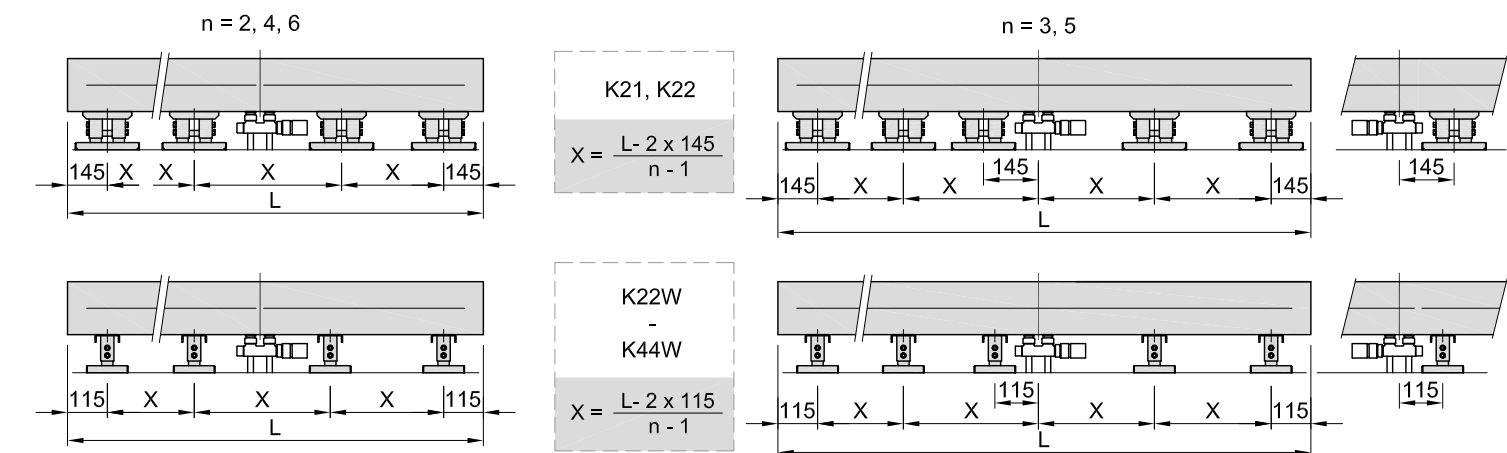
SM, MS, SR, ML

VDI6036, class 3

R2



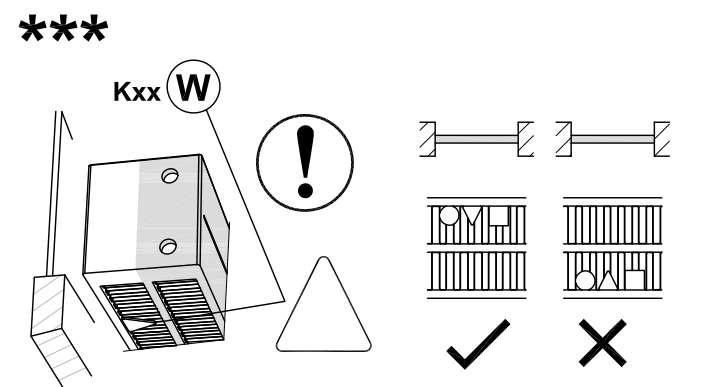
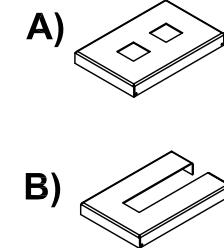
n	2	3	4	5	6
K21, K22	500 - 2000 mm	2100 - 3600 mm	3700 - 4800 mm	4900 - 6000 mm	---
K22W - K55W	500 - 2000 mm	2100 - 3200 mm	3300 - 4400 mm	4500 - 5500 mm	5600 - 6000 mm



1) n = 3, 5

	*		○ G1/2"
MS			
SM			
ML			
SR			

** option
accessories, not a part of delivery



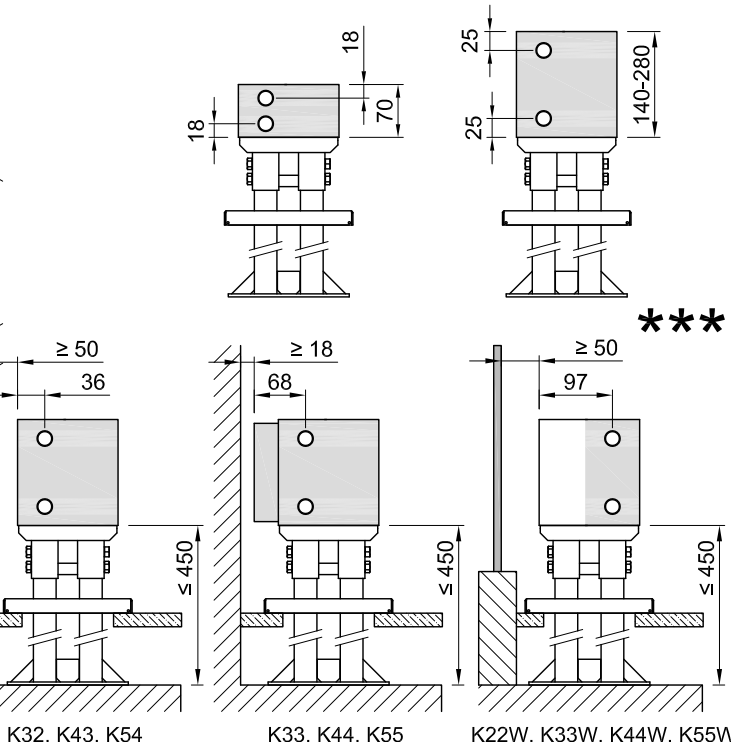
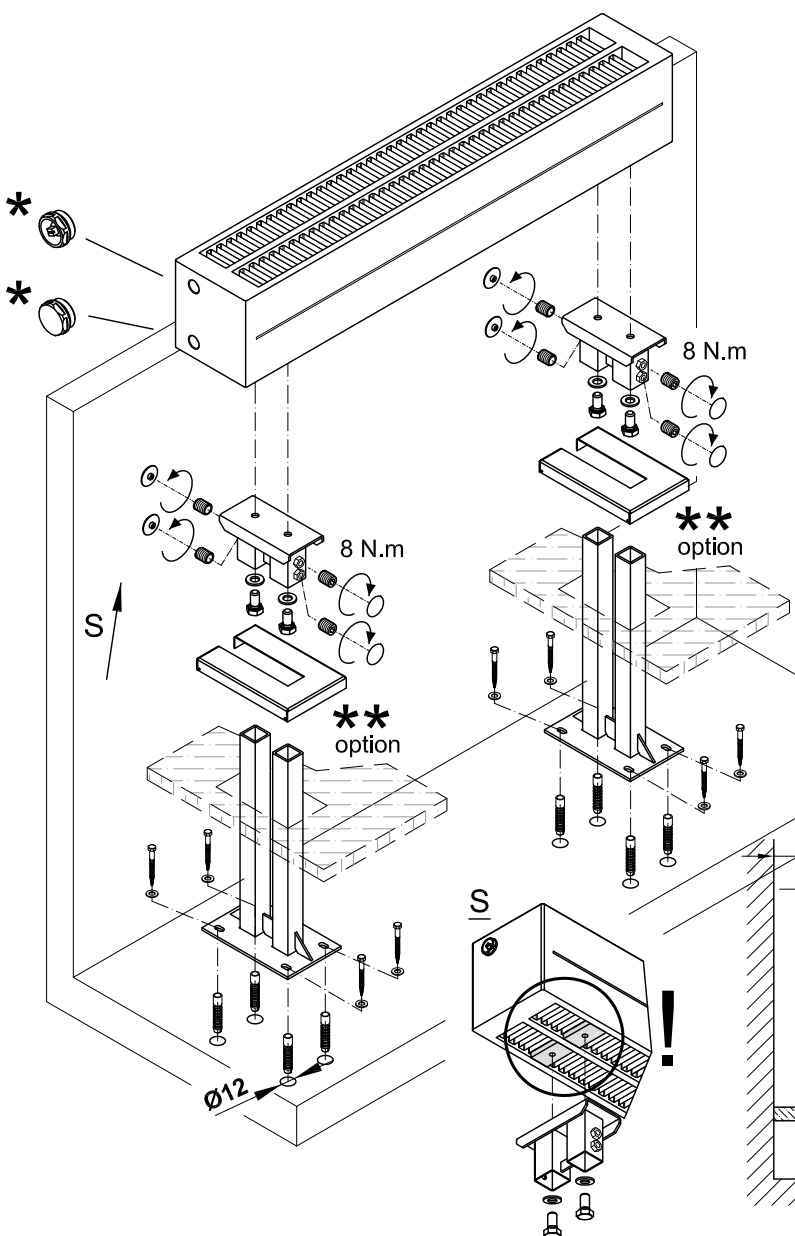
FLOOR: K21 - K55W

VDI6036, class 3

R3

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

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

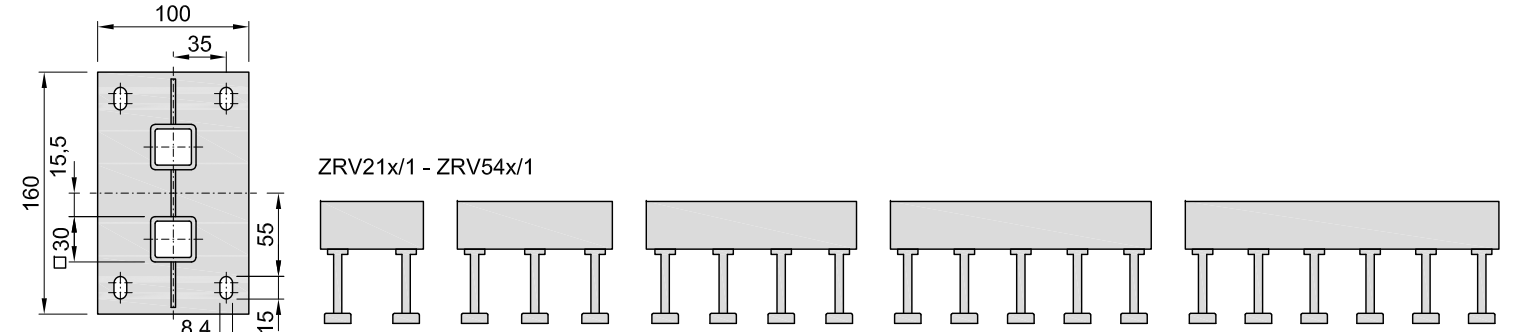


FLOOR: K21 - K55W

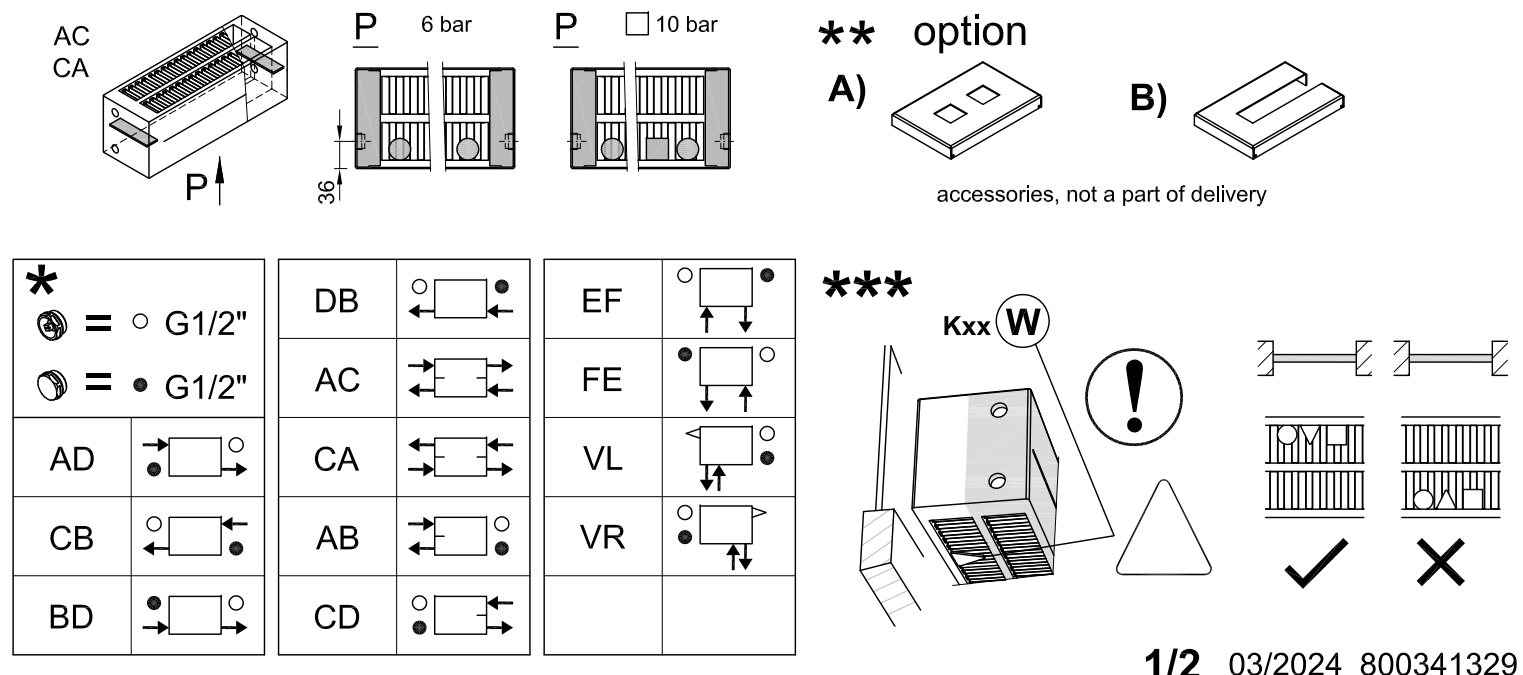
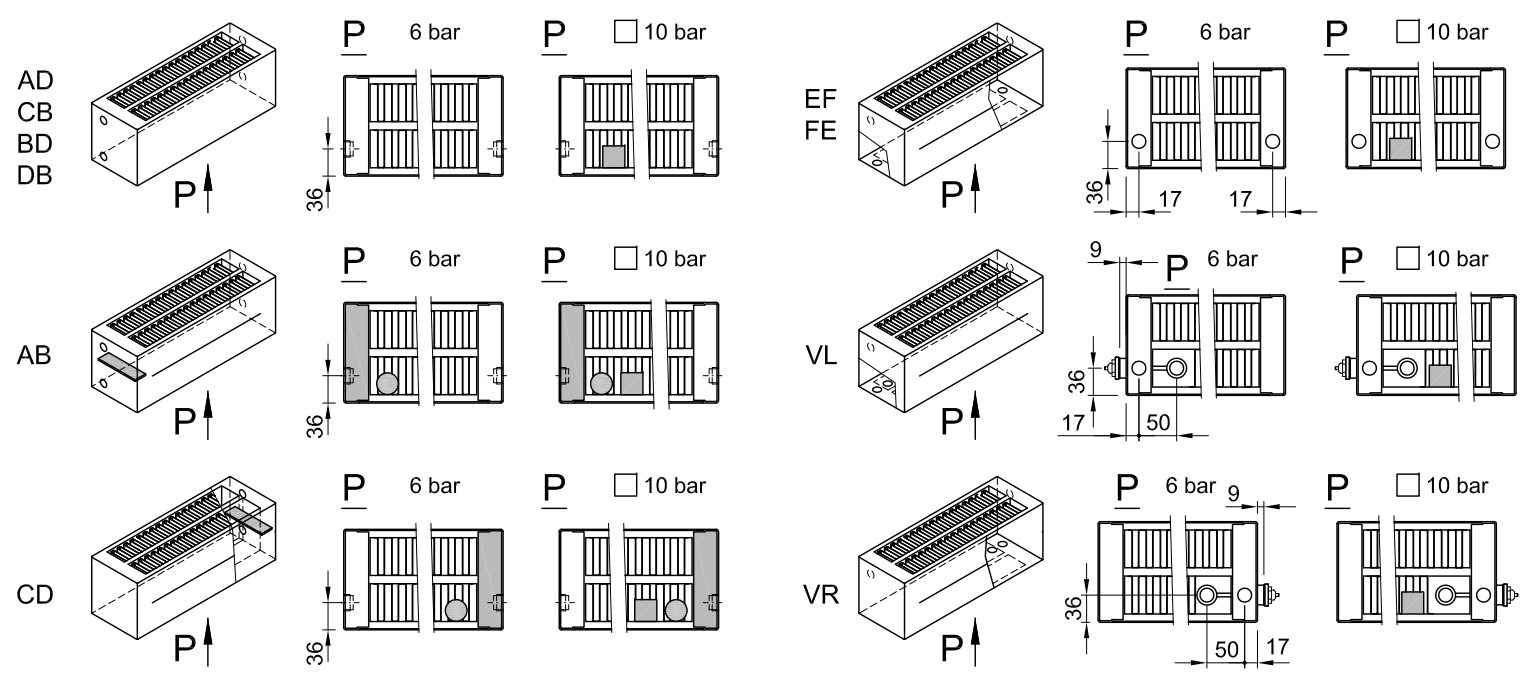
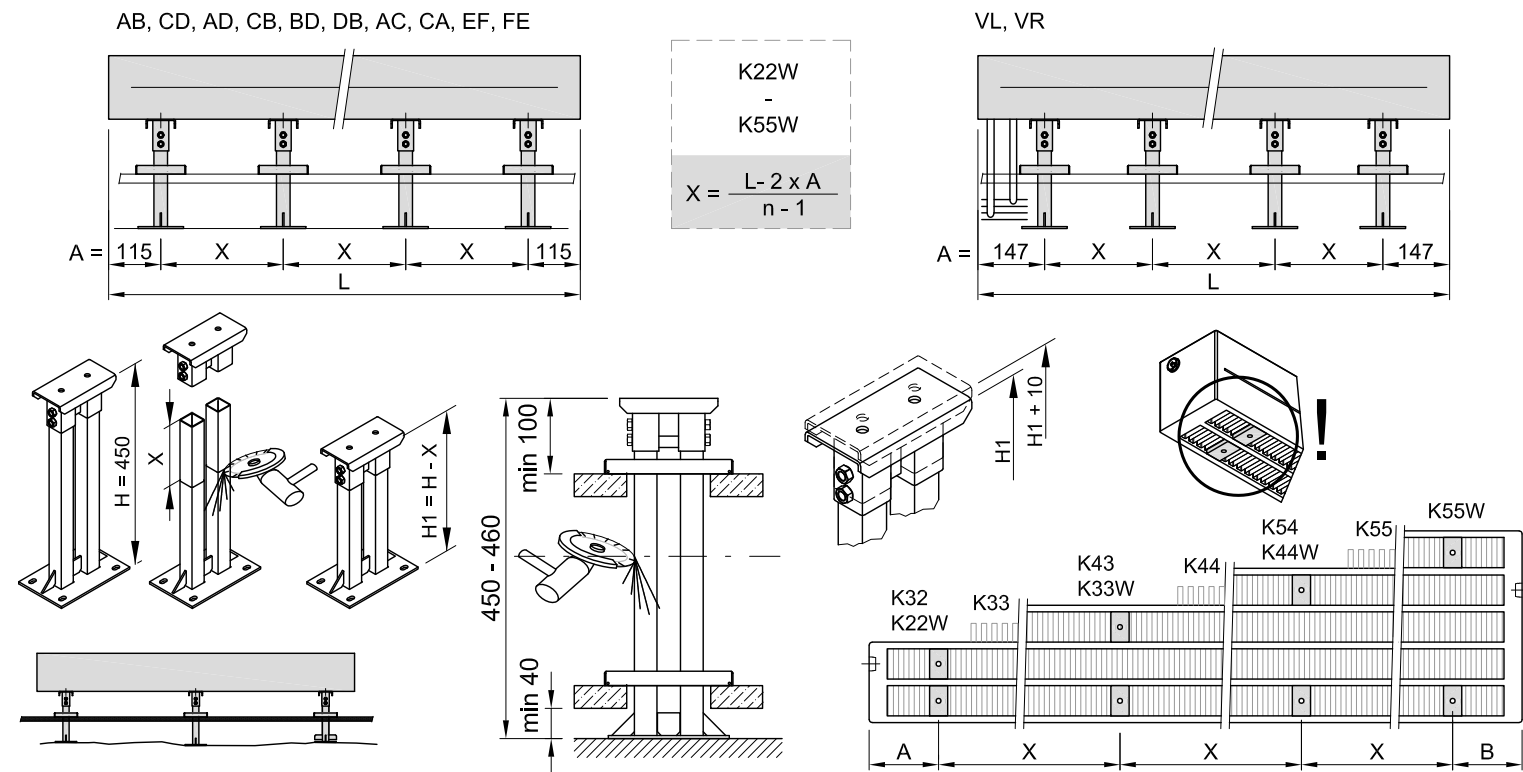
VDI6036, class 3

R3

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



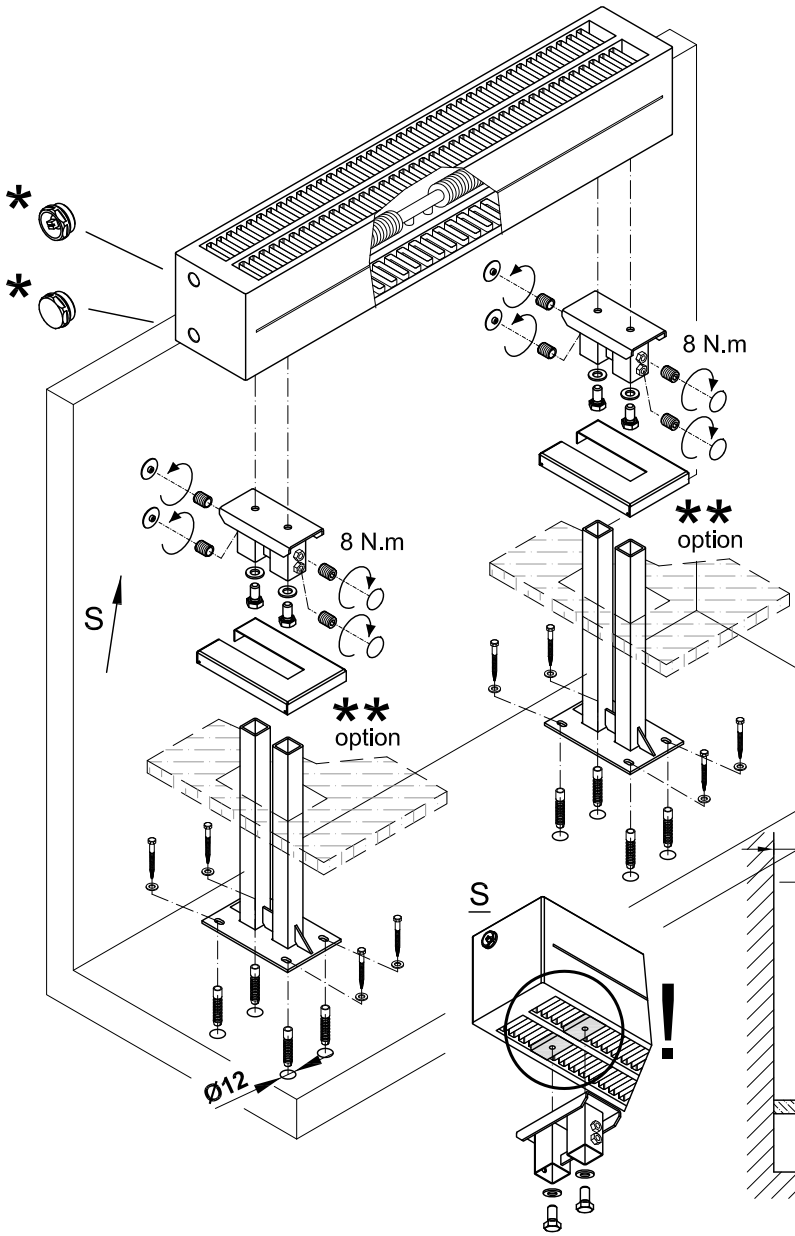
n	2	3	4	5	6
K21W - K44	500 - 2000 mm	2100 - 3600 mm	3700 - 4800 mm	4900 - 6000 mm	---
K44W - K55W	500 - 2000 mm	2100 - 3200 mm	3300 - 4400 mm	4500 - 5500 mm	5600 - 6000 mm



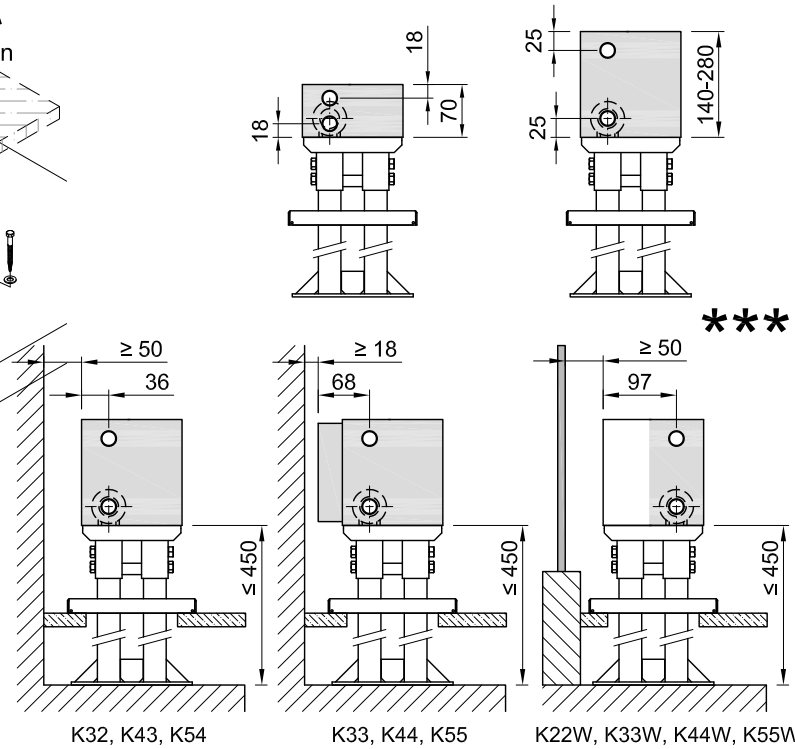
FLOOR: K21 - K55W

SM, MS, SR, ML

R3



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

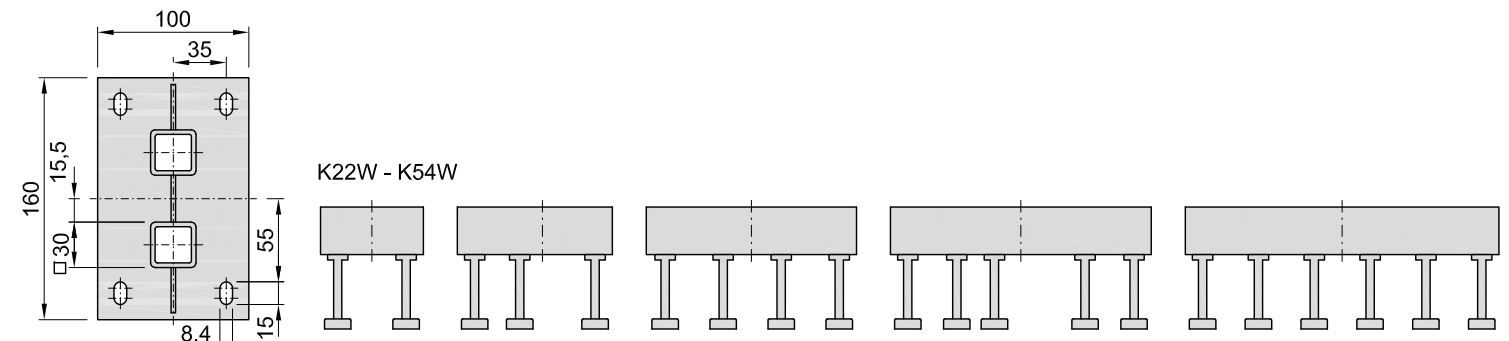


FLOOR: K21 - K55W

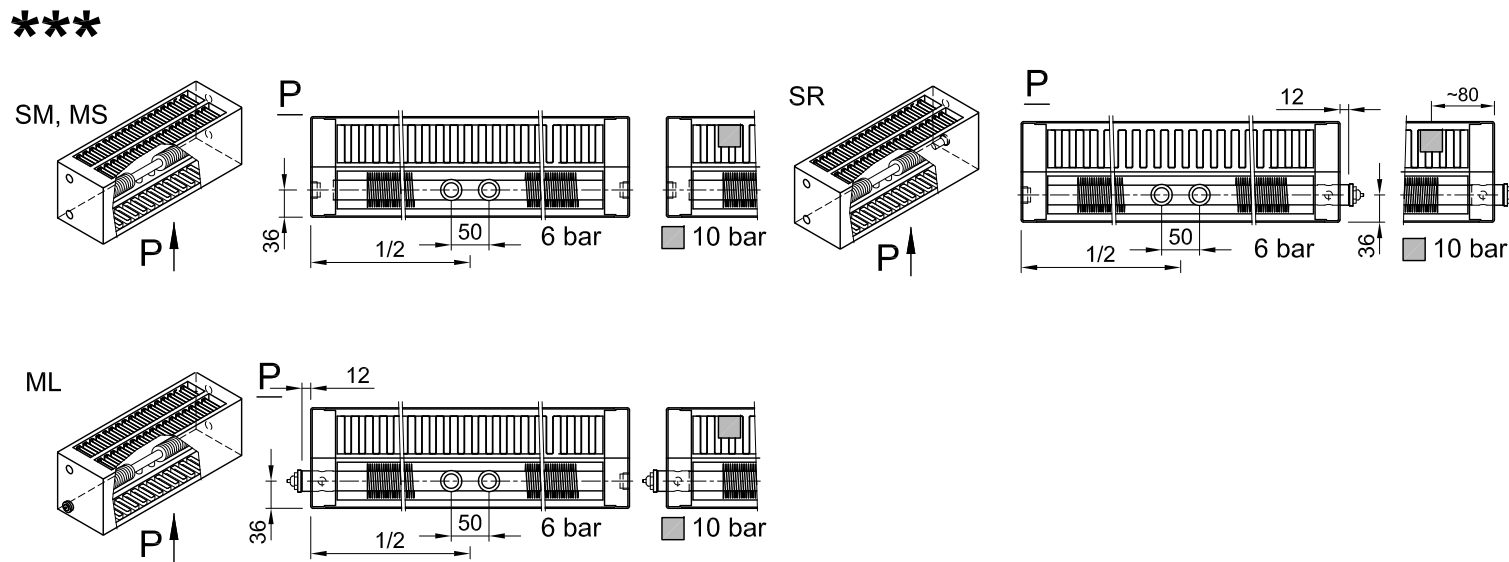
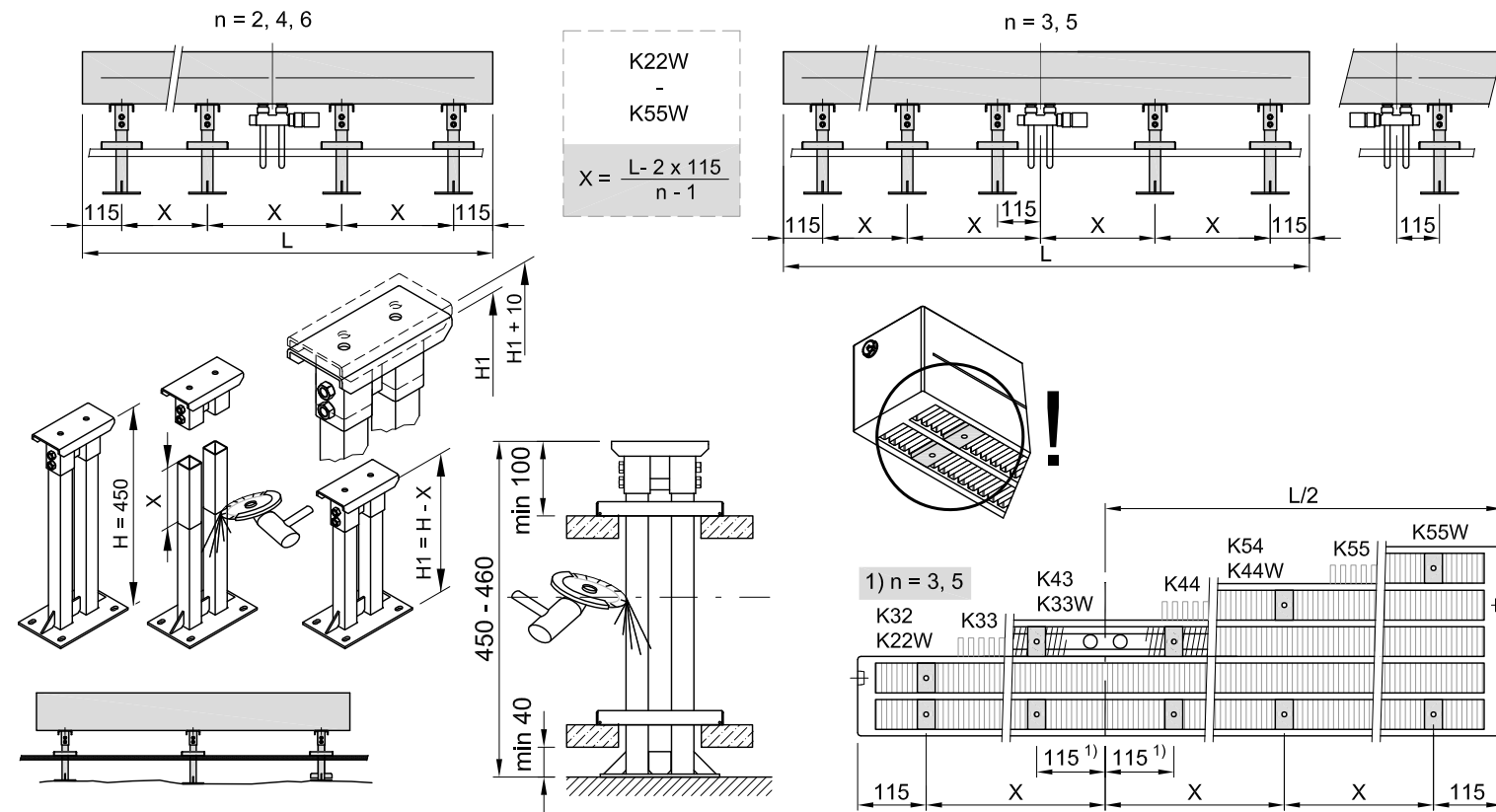
SM, MS, SR, ML

VDI6036, class 3

R3



n	2	3	4	5	6
K22W - K44	500 - 2000 mm	2100 - 3600 mm	3700 - 4800 mm	4900 - 6000 mm	---
K44W - K54W	500 - 2000 mm	2100 - 3200 mm	3300 - 4400 mm	4500 - 5500 mm	5600 - 6000 mm



	*
MS	
SM	
ML	
SR	

** option
accessories, not a part of delivery

