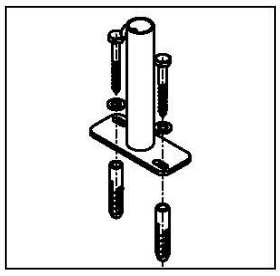
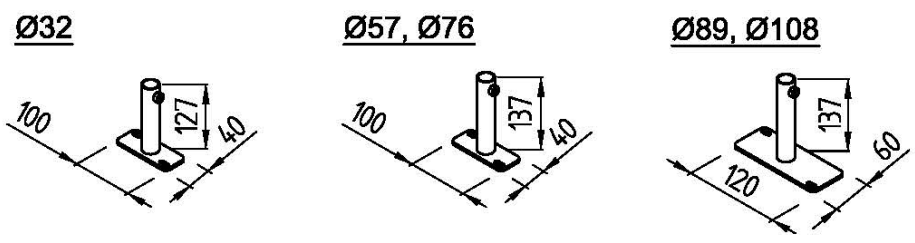
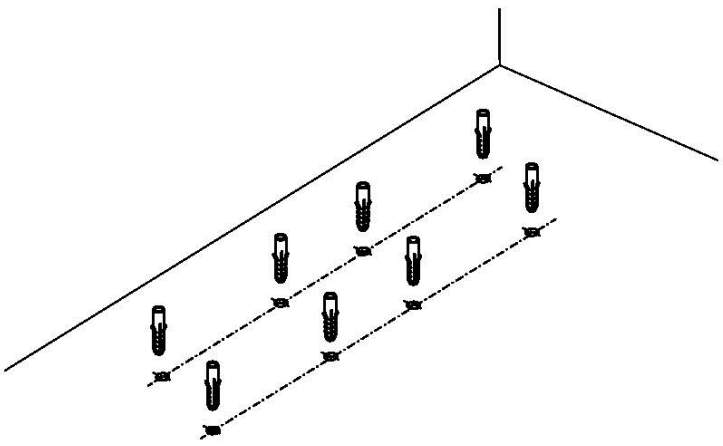
HRAO2

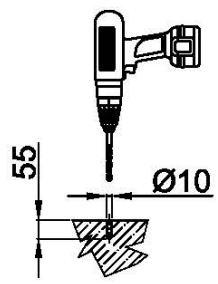


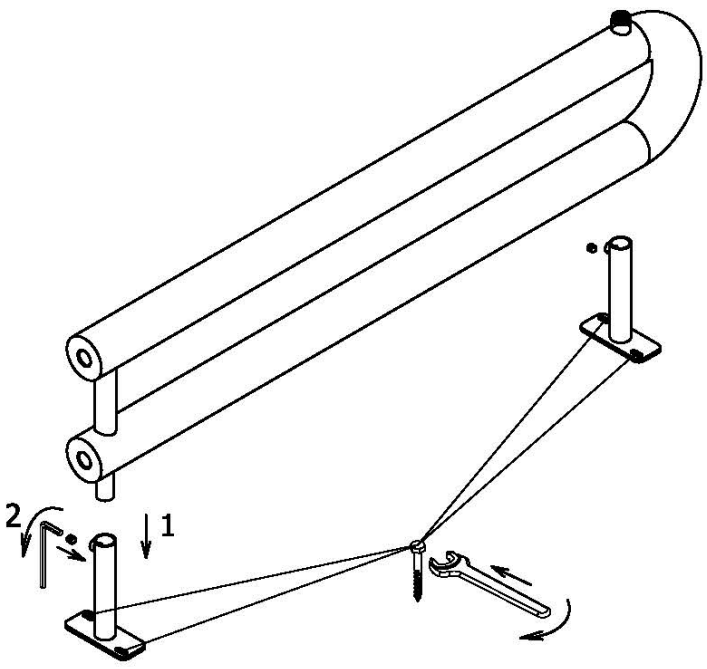


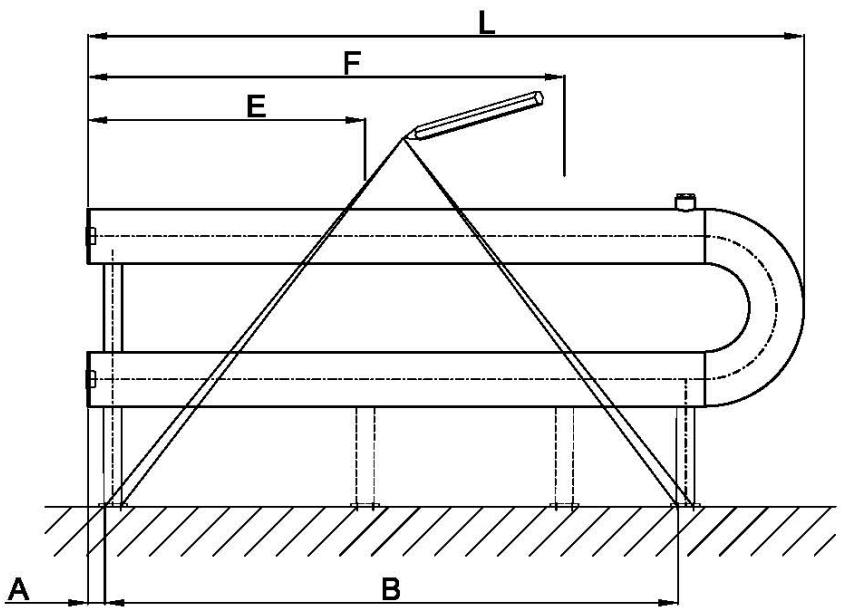
Ø32
4x Ø10 (L=500-2900)
6x Ø10 (L=2901-4500)
8x Ø10 (L=4501-6000)

Ø57, Ø76, Ø89, Ø108
4x Ø10 (L=500-3000)
6x Ø10 (L=3001-4500)
8x Ø10 (L=4501-6000)



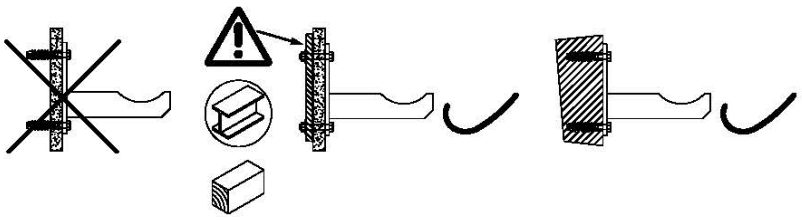


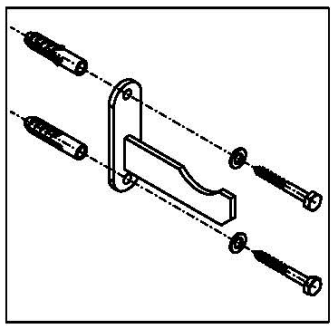


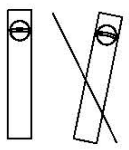


Model	A	B	E=0, F=0	E=~L/2, F=0	E=~1/3L, F=~2/3L
Ø32xØ92	14	L-110	L<2900	L=2901-4500	L>4501
Ø57xØ137	24	L-155	L<3000	L=3001-4500	L>4501
Ø76xØ156	24	L-200			
Ø89xØ169	14	L-220			
Ø108xØ188	14	L-245			

HRAO2

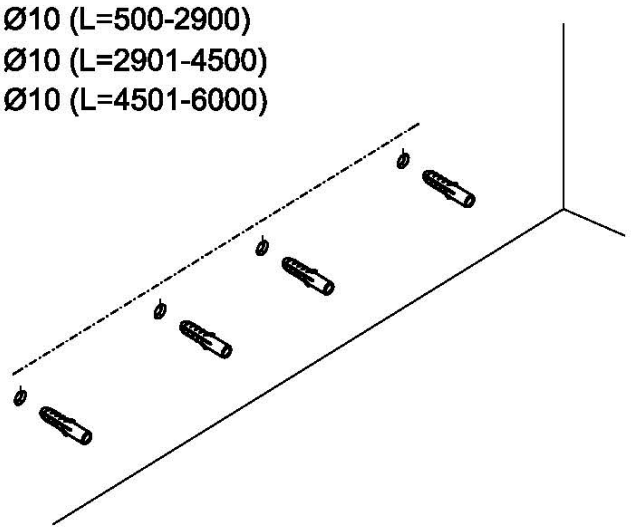






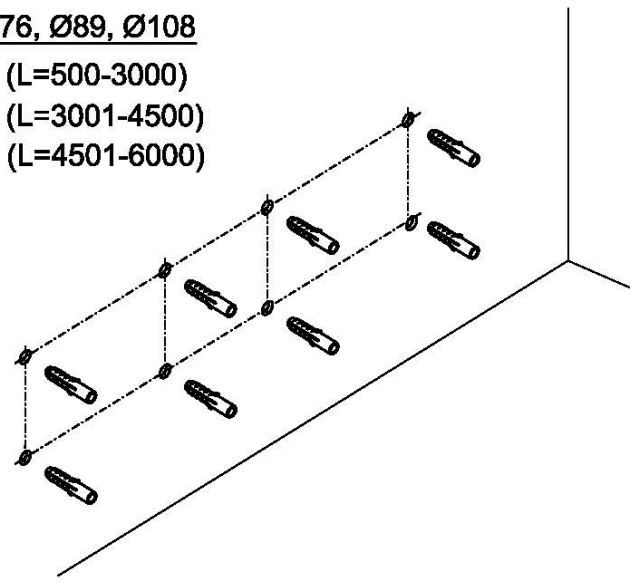
Ø32

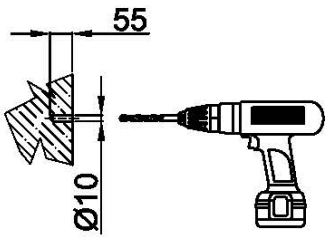
2x Ø10 (L=500-2900)
3x Ø10 (L=2901-4500)
4x Ø10 (L=4501-6000)

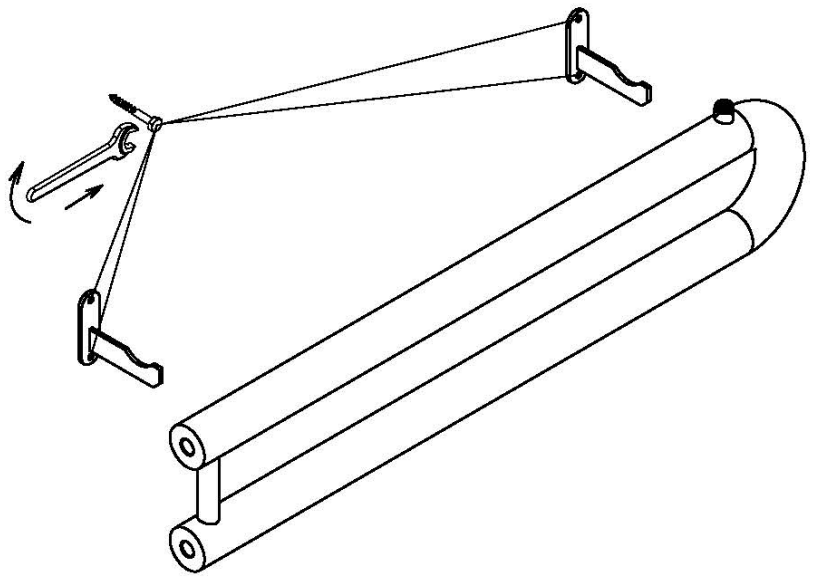


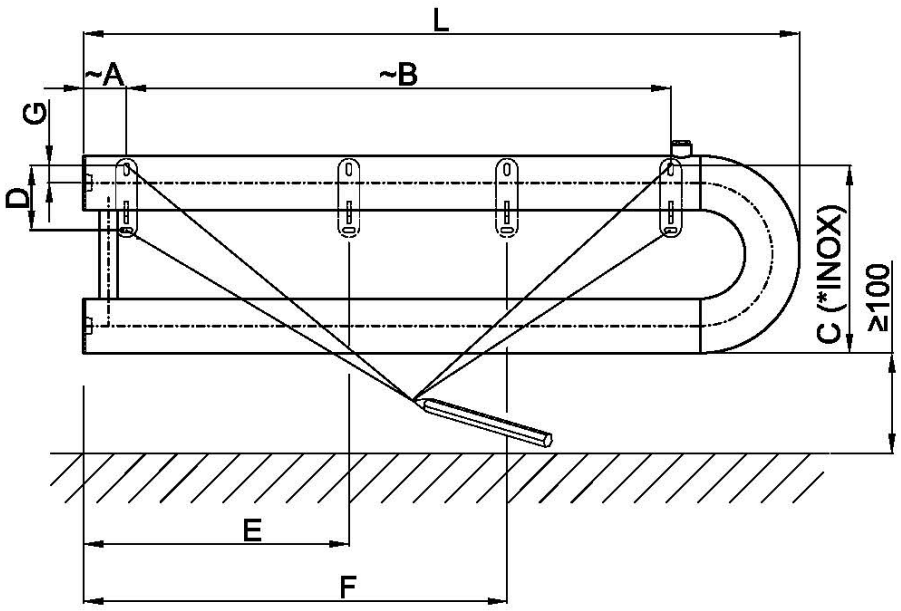
Ø57, Ø76, Ø89, Ø108

4x Ø10 (L=500-3000)
6x Ø10 (L=3001-4500)
8x Ø10 (L=4501-6000)



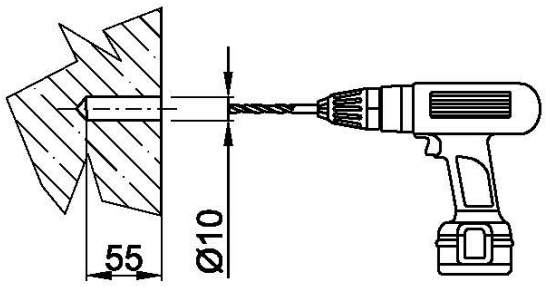


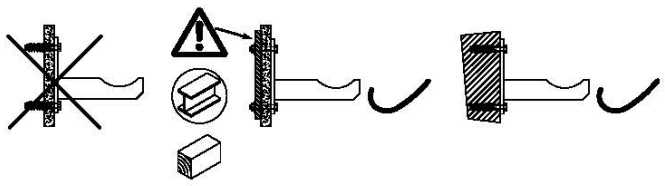


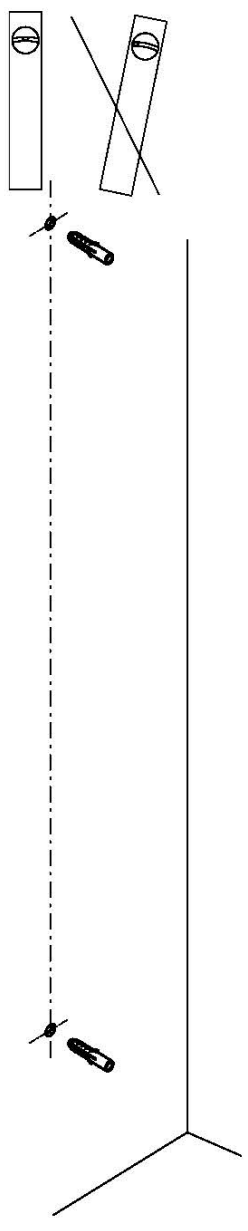


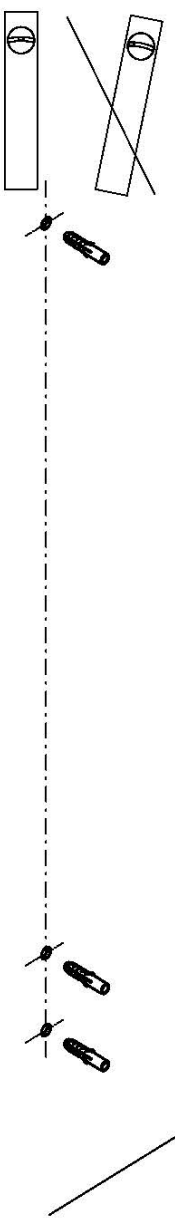
Model	A	B	C	D	G	E=0, F=0	E=~L/2, F=0	E=~1/3L, F=~2/3L
Ø32xØ92	40	L-140	150	-	39	L<2900	L=2901-4500	L>4501
Ø57xØ137	60	L-210	195 (*225)	80	22	L<3000	L=3001-4500	L>4501
Ø76xØ156	60	L-240	262 (*257)	90	24			
Ø89xØ169	60	L-260	298	95	18			
Ø108xØ188	60	L-290	365	105	16			

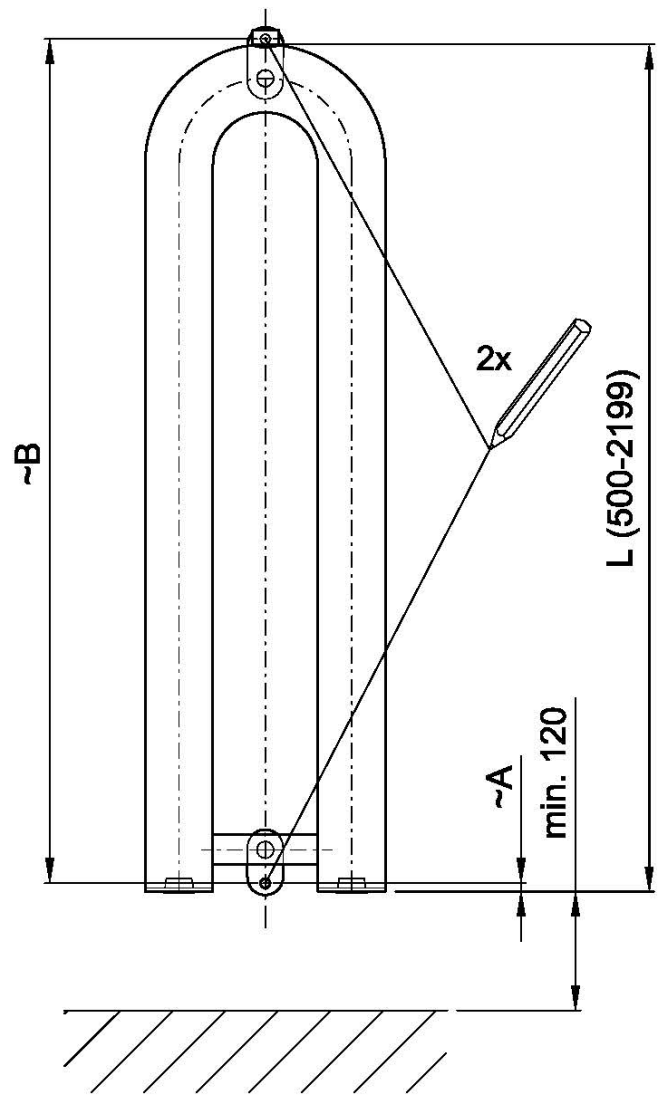
HRAO2

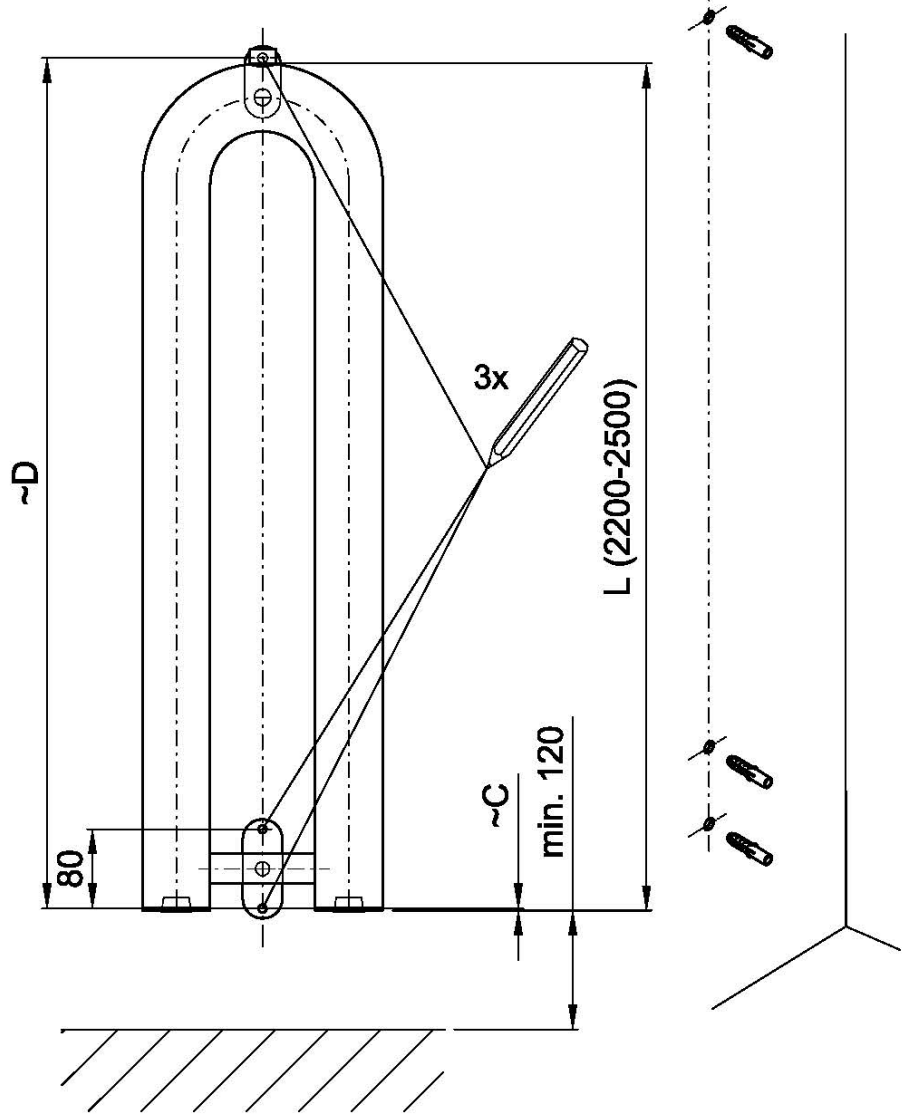


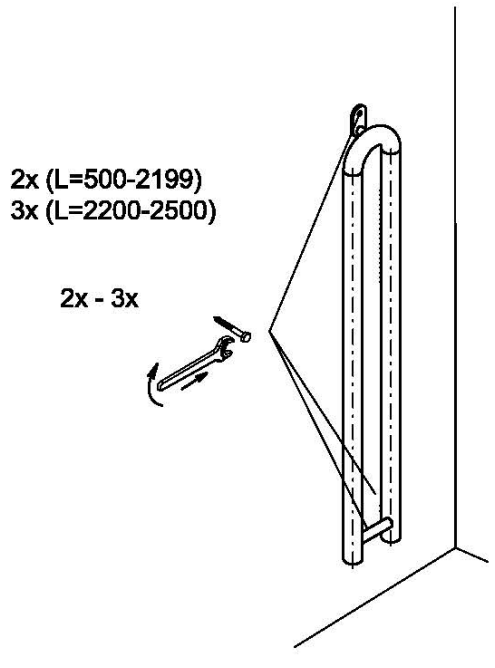












typ	A	B	C	D
Ø32xØ92	2	L+5	15	L+22
Ø57xØ137	2	L+3	5	L+9,5
Ø76xØ156	-10	L+15	5	L+10
Ø89xØ169	-28	L+46,5	5	L+23,5
Ø108xØ188	-28	L+37	5	L+14