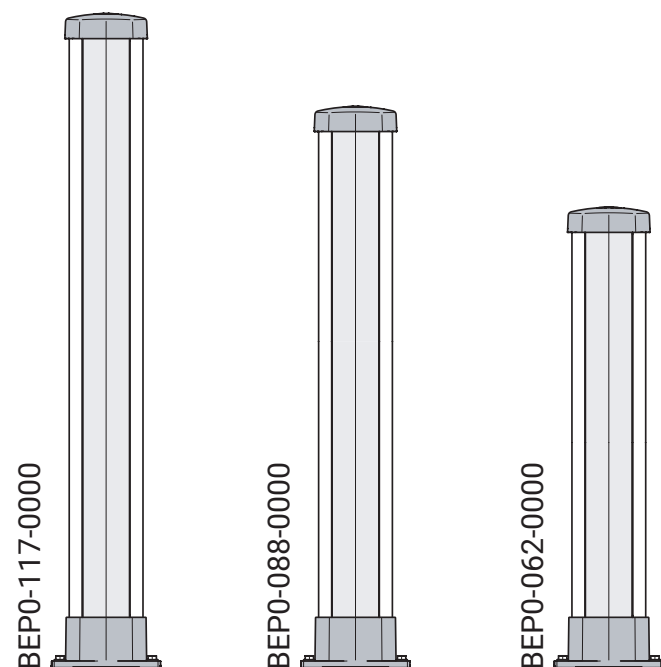


X-Protect

Essential

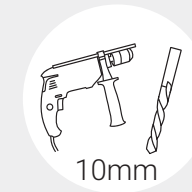


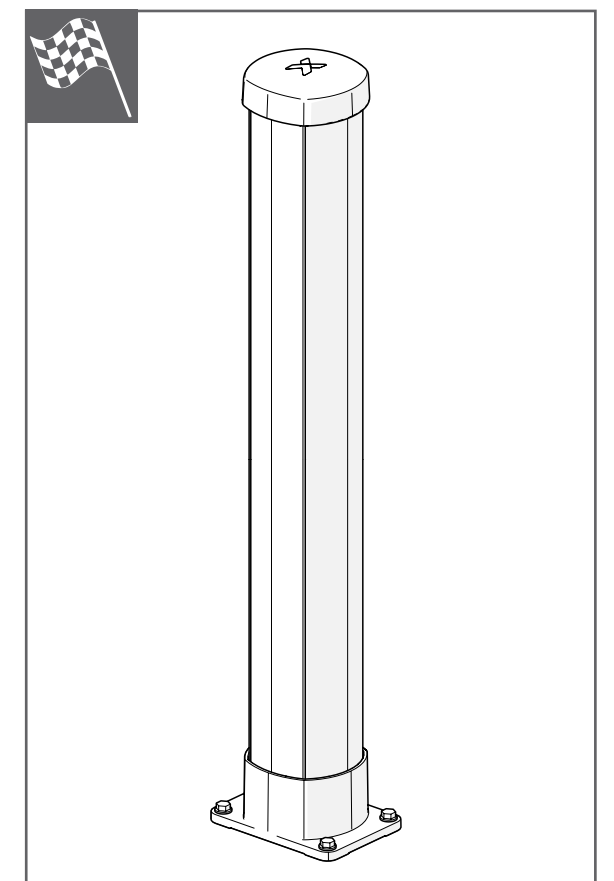
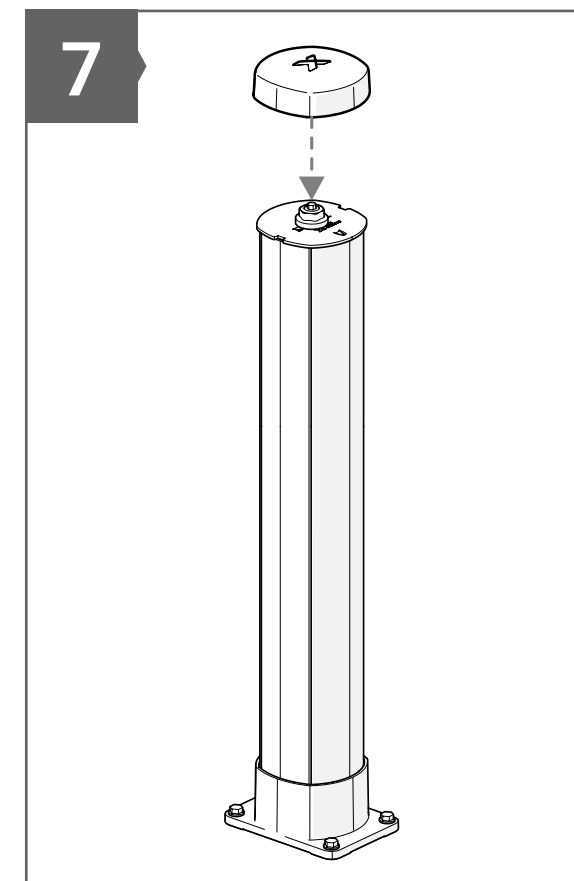
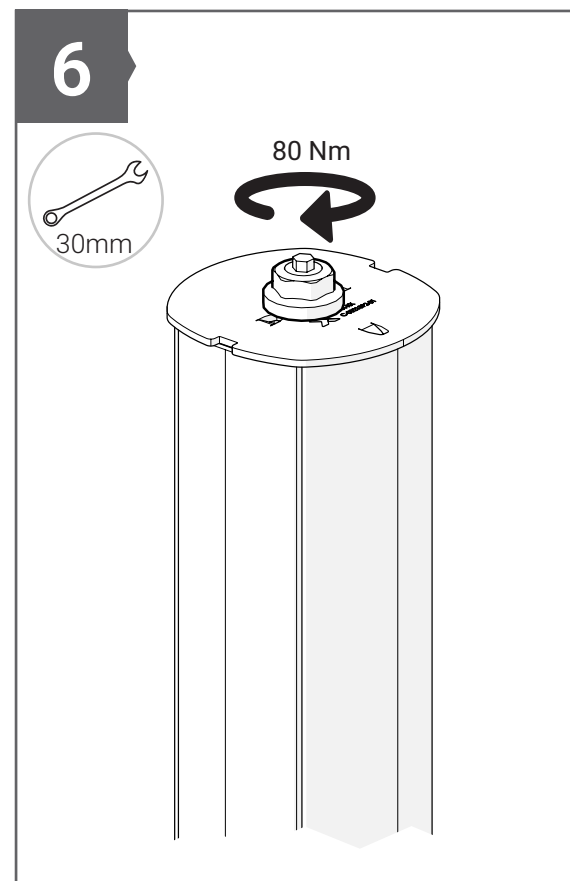
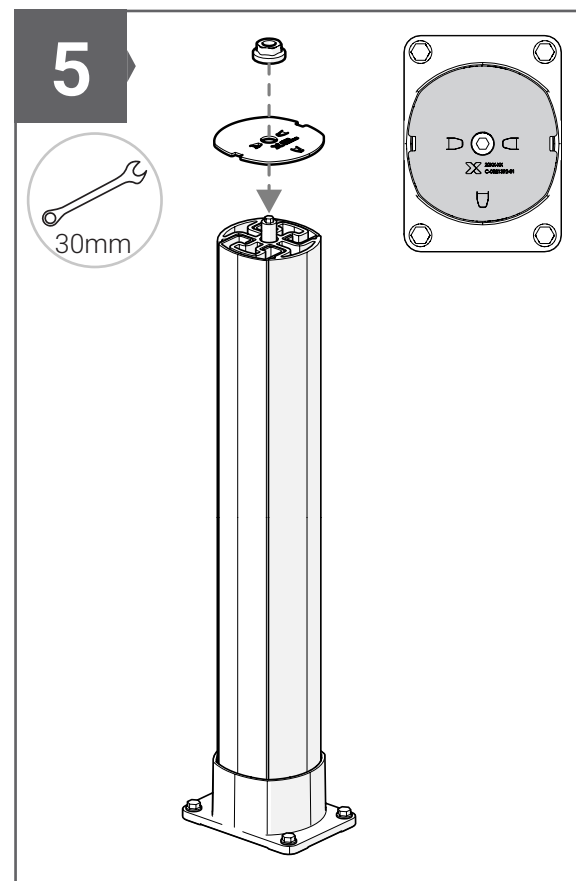
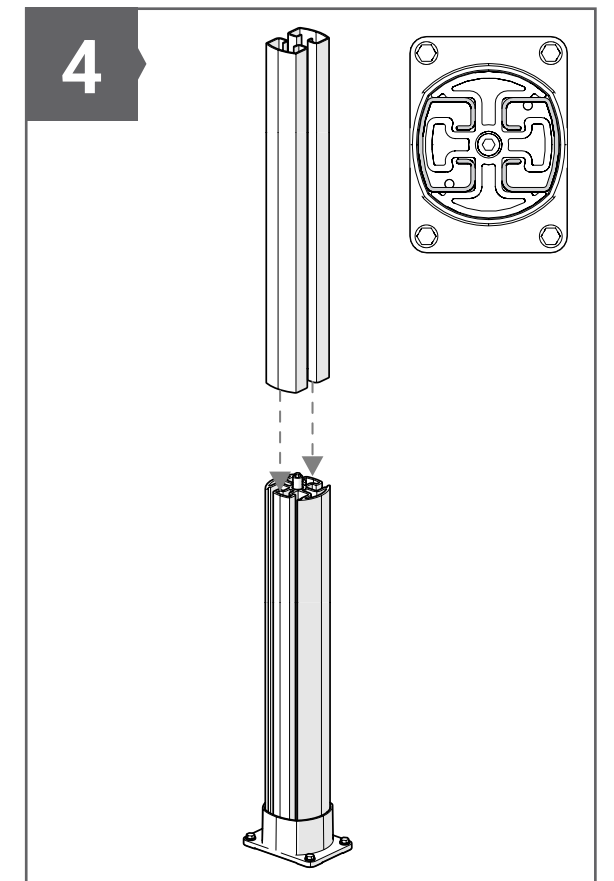
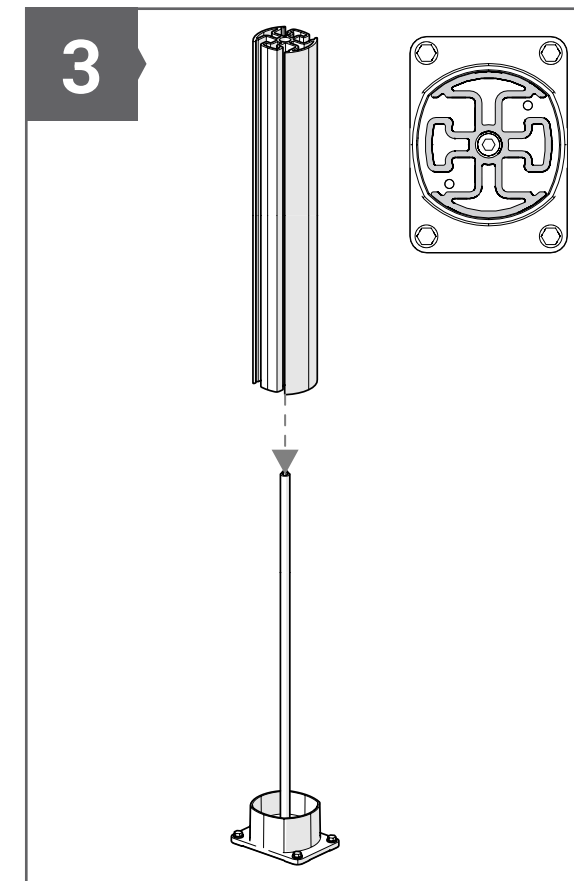
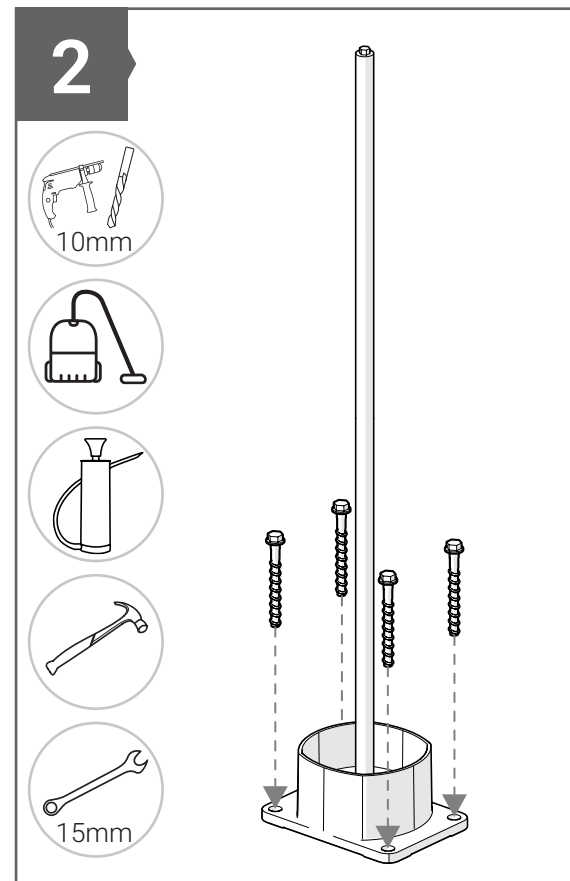
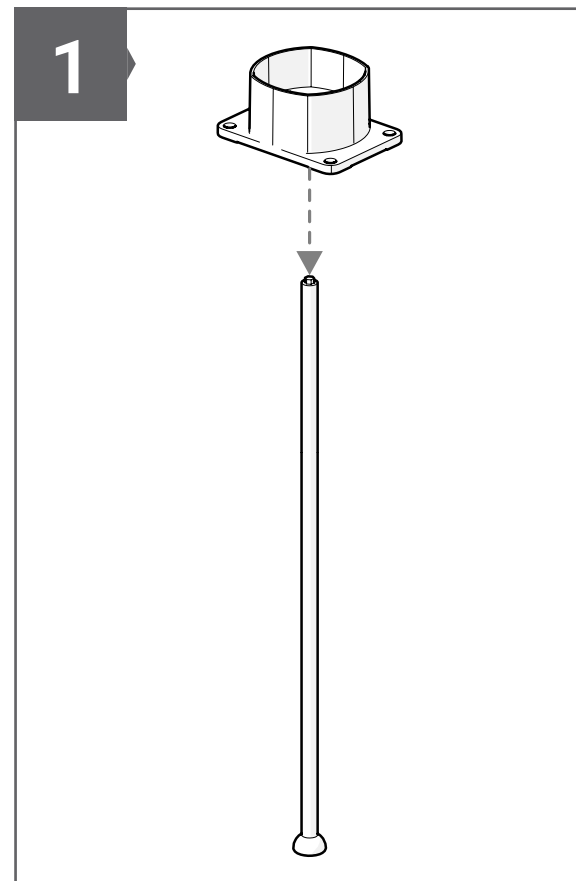
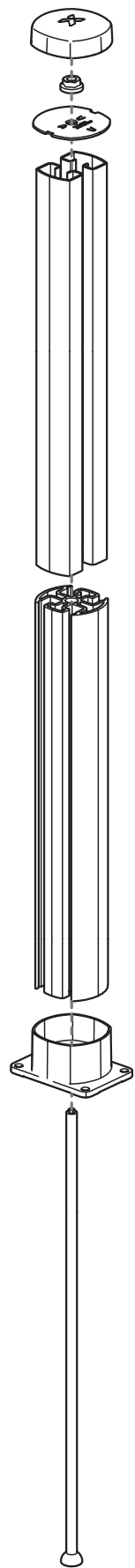


BEP0-117-0000	PT140-1091 x 1	PT103-1090 x 2	PT117-1147 x 1	PT141	x 4	x 1	x 1	x 1	x 1
BEP0-088-0000	PT140-801 x 1	PT103-800 x 2	PT117-857 x 1						
BEP0-062-0000	PT140-541 x 1	PT103-540 x 2	PT117-597 x 1						

Drill hole diameter, hammer drill bit	d [mm]	10
Minimum depth of drill hole following 2a, $t_{fix}=12\text{ mm}$	h_1 [mm]	98
Minimum depth of drill hole following 2b, $t_{fix}=12\text{ mm}$	h_1 [mm]	118
Maximum depth of drill hole	Actual concrete thickness – 30 mm	
Minimum concrete thickness (min C25/30)	h_{min} [mm]	140
Anchor Length	L	100
Hilti Setting Tool (1) as of ETA April 2024	SIW 6AT-A22 ½" SIW 22T-A ½" SIW 6-22-A ½" SIW 8-22 ½" gear 1 SIW 9-A22 ¾"	

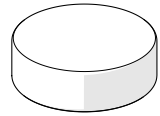
1) Installation with other impact driver of equivalent power is possible





Foam spacer for PT117-XXX rods

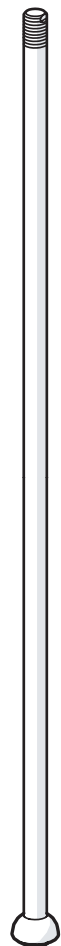
PT153



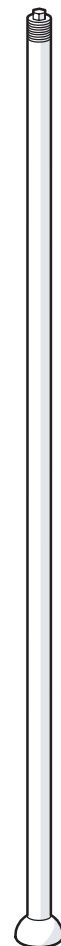
For use with essential post
with *PT117-XXX rods*



Rod PT135-XXX:
Do not use foam spacer



Rod PT117-XXX:
Do use foam spacer



1

