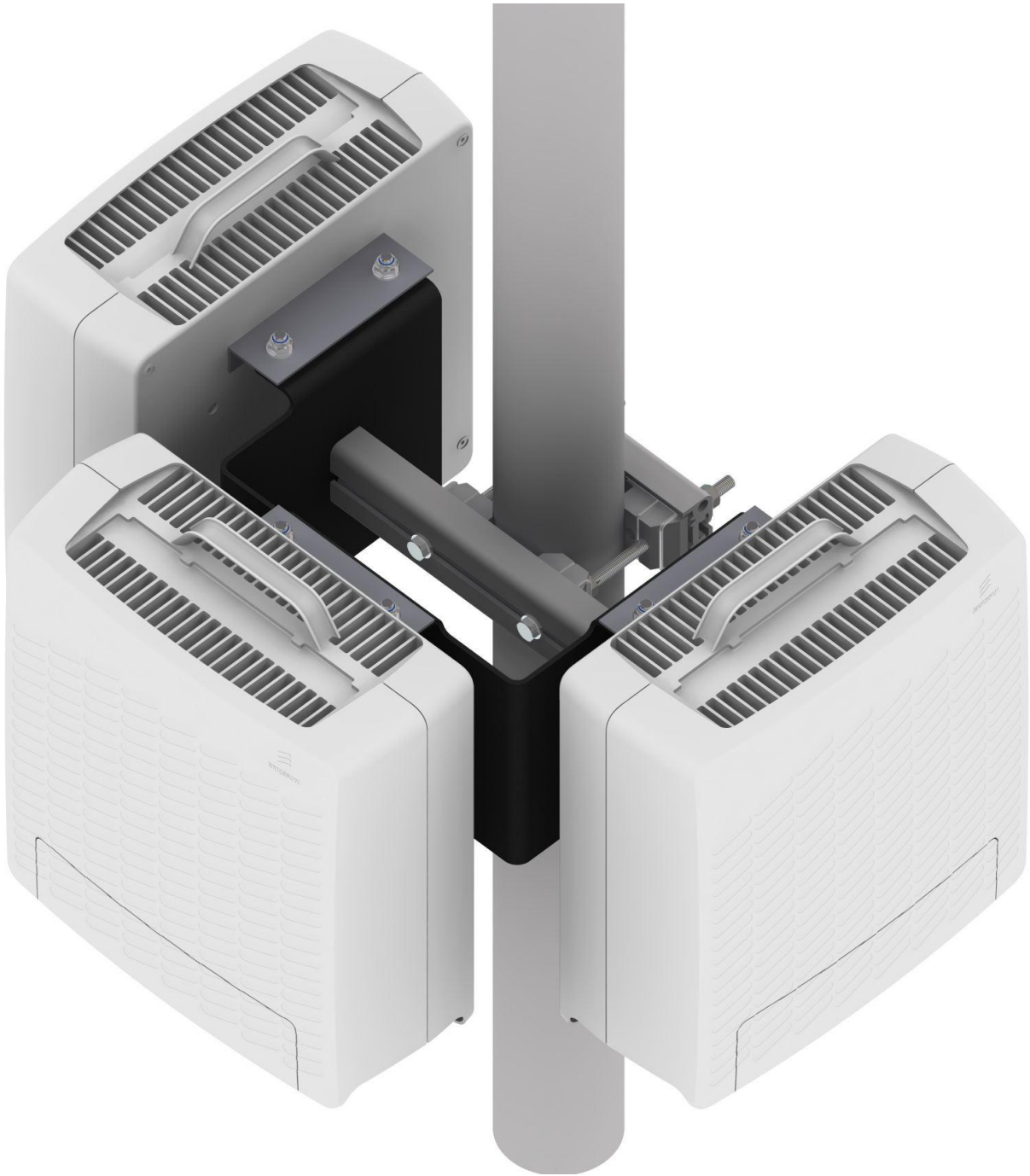


INSTALLATION INSTRUCTION








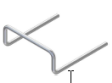
TRIPLE RRU SUPPORT KIT

1. Products covered by this Installation Instruction.

This Installation Instruction covers the Triple RRU support kit. The support is an all aluminum design for installation of three RRU units. The clamp of the support will cover a large number of frame leg shapes, such as round square, angle etc, and will solve most of your fitting problems.

2. Parts Included

The Triple RRU Support Kit, CD 990986, consists of:

Item	Description		p/n	Qty
1.	Triple RRU support plate, Anodized Alu.		CD 990956	1
2.	Double back profile		CD 87660	1
3.	Back profile		CD 87615	1
4.	Jaw for small CUE DEE clamp		CD 87625	4
5.	Spring (Pre assembled on jaw)		CD 87630	4
6.	Locking spring		CD 87632	4
7.	Angled Bracket		CD 990638	6
8.	Bolt, M10x30H A4		2243	12
9.	Washer, BRB M10 A4		1308	12
10.	Nut M12 A4, DIN 934		1396	10
11.	Washer M12 A4, DIN 125 A		1309	30
12.	Large washer M12 A4, DIN 9021		1318	2
13.	Bolt M12x245 A4, DIN 931		1332	2
14.	Bolt, M12x400 A4		5426	2
15.	Nut low, M12 A4, DIN 439		1404	12
16.	Lock nut, M12, DIN 985		1406	12
17.	Bolt, M12x35H A4, DIN 933		1334	12

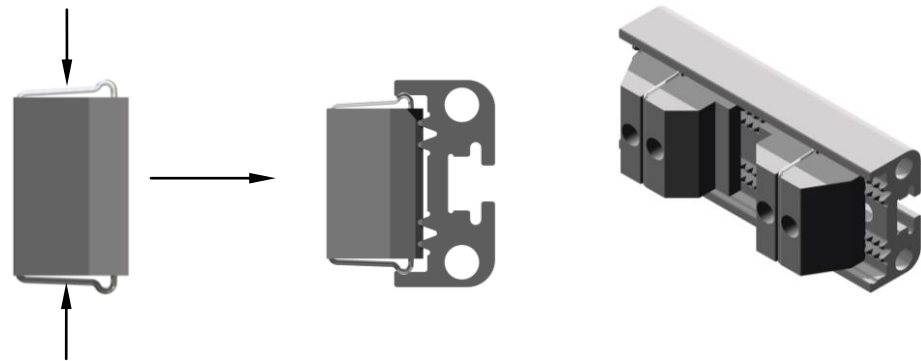
Package dimensions					
Ordering p/n	Description	Length	Width	Height	Weight
CD 990599	RRU Support Triple	490 mm	350 mm	280 mm	11,8 kg

3. Assembly

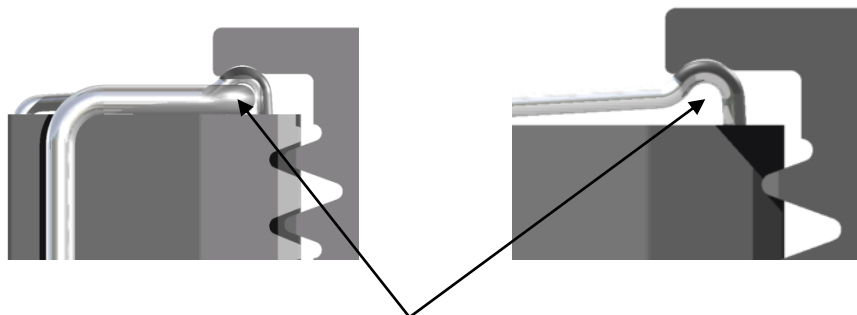
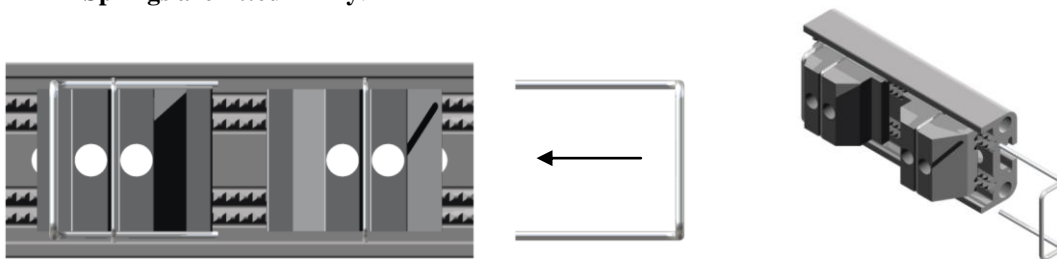
3.1 Assembly of the Triple RRU support

The back profile and the double back profile are assembled in the same way.

1. Check the size of the frame members where the clamp is to be fitted. Adjust the clamping jaws by squeezing the spring with two fingers and place the jaw inside each of the two back profiles, remember to turn the jaw with the correct chamfer towards the frame leg, see 3.2, page 5. For jaw positions see page 7-8.

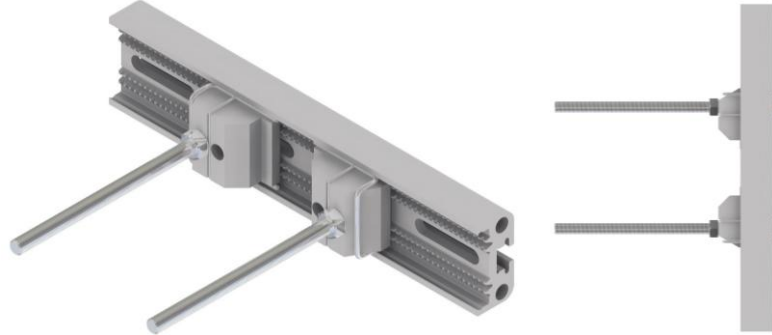


2. Try the partly assembled clamps to see if they fit properly to the frame member. If necessary readjust the position of the jaws. Check if the M12 x 245mm bolts can be pushed through the clamp on each side of the frame member.
3. When the setting of the jaws has been adjusted they are locked by pushing the Locking springs through the bumped parts on each side of the spring fitted to the jaw. **Make sure the Locking Springs are fitted firmly.**

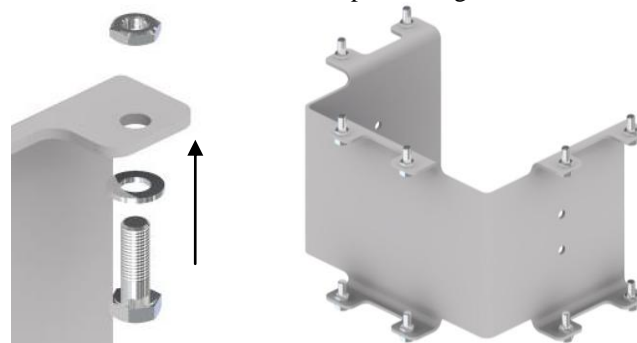


Make sure that the locking spring is fitted into the bumped part of the spring to achieve proper locking of the jaw

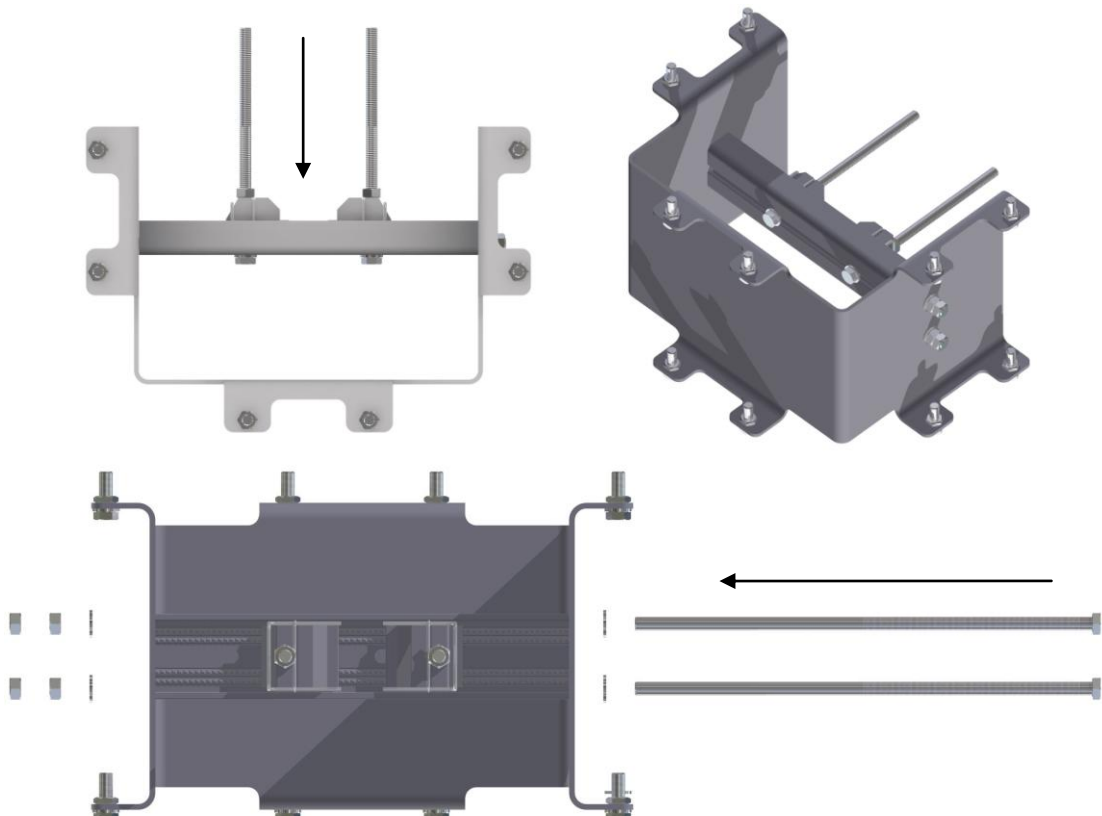
- Fit the M12 x 245mm bolts with a washer through the double back profile, use the small washer. Fit one M12 nut to each bolt. This nut will be tightened later and it will act as a jam nut to lock the clamp to ease the installation of the clamp.



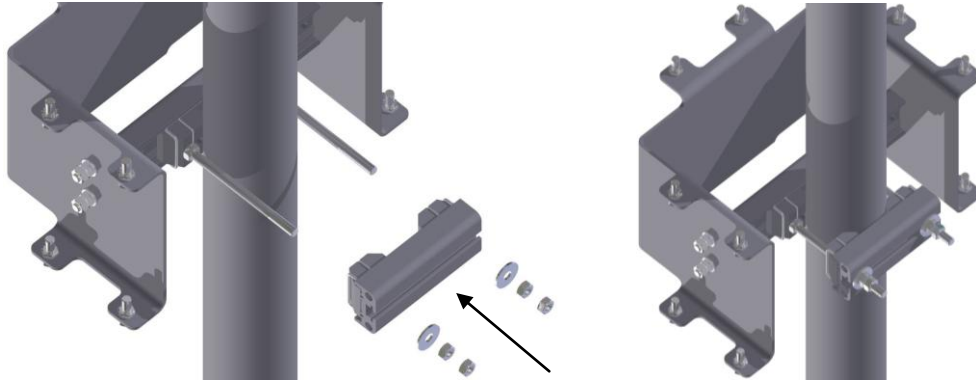
- Attach the M12x35 bolts to the RRU attachment plate using a washer and a low M12 Nut.



- Attach the partly assembled clamp to the support plate by sliding the two M12x400 bolts through the holes in the support plate and the holes in the double back profile and lock it with a small washer and two M12 nuts on each bolt.



- Lift the support onto the tower frame member / mounting tube and attach the small back profile using a large washer and two M12 nuts on each bolt and tighten with 57 Nm.

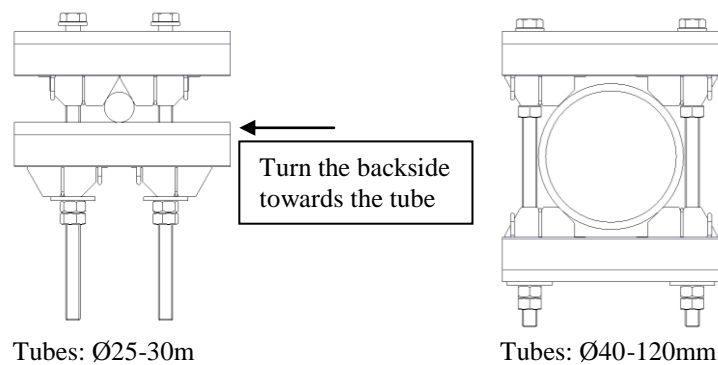


- Finally, lift the RRUs onto the M12 bolts on the support and tighten the lock nut with 57 Nm.

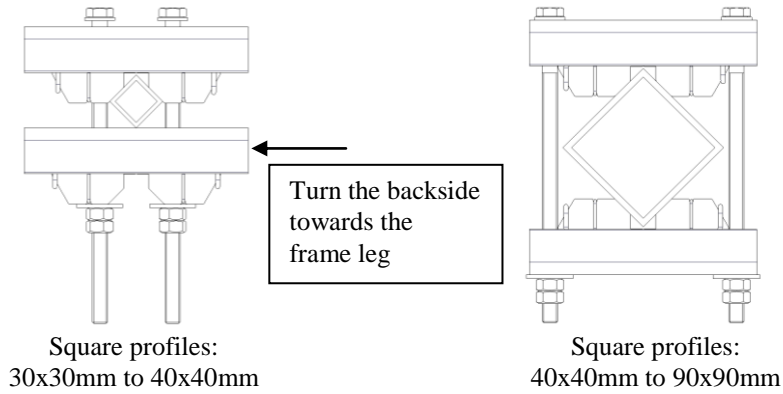


3.2 Examples of clamp mounting range

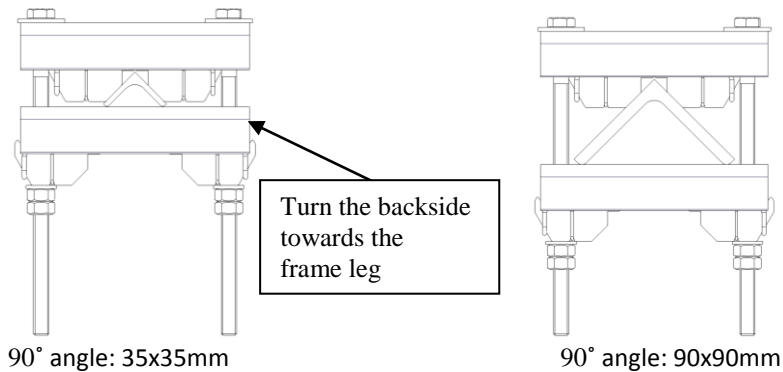
For tubes $\varnothing 25-30\text{mm}$ the 60° chamfer should be turned towards the tube and only two jaws has to be used. Also, to get a larger friction area the backside should be turned towards the tube. For larger tubes the 45° chamfer should be turned towards the center and all four jaws should be used.



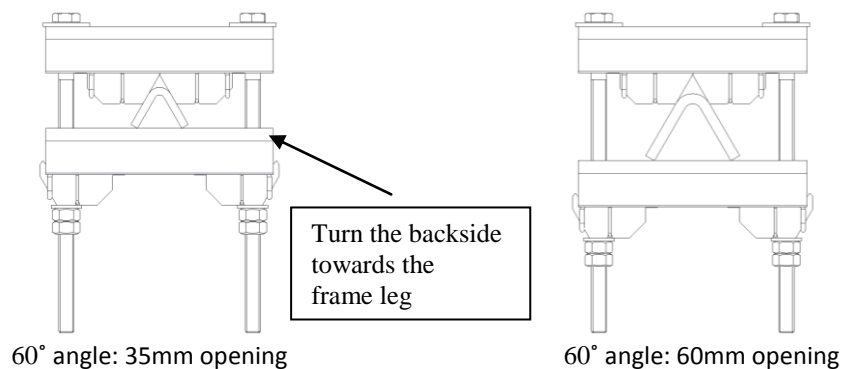
For square profiles below 40mm only two clamping jaws can be used. To avoid damage to the clamp profile, turn the back towards the square profile.



For 90° angle frame legs turn the 45° chamfer of the jaws towards the frame leg. Also to avoid damage to the clamp profile, turn the back towards the frame leg.



For 60° angle frame legs turn the 60° chamfer of the jaws towards the frame leg. Also to avoid damage to the clamp profile, turn the back towards the frame leg.



3.3 Jaw positions for tubes

The figures below are in scale 1:1 and can help you in finding the correct configuration of the clamp. The dimension shows the position of the spring for the tube in question.

