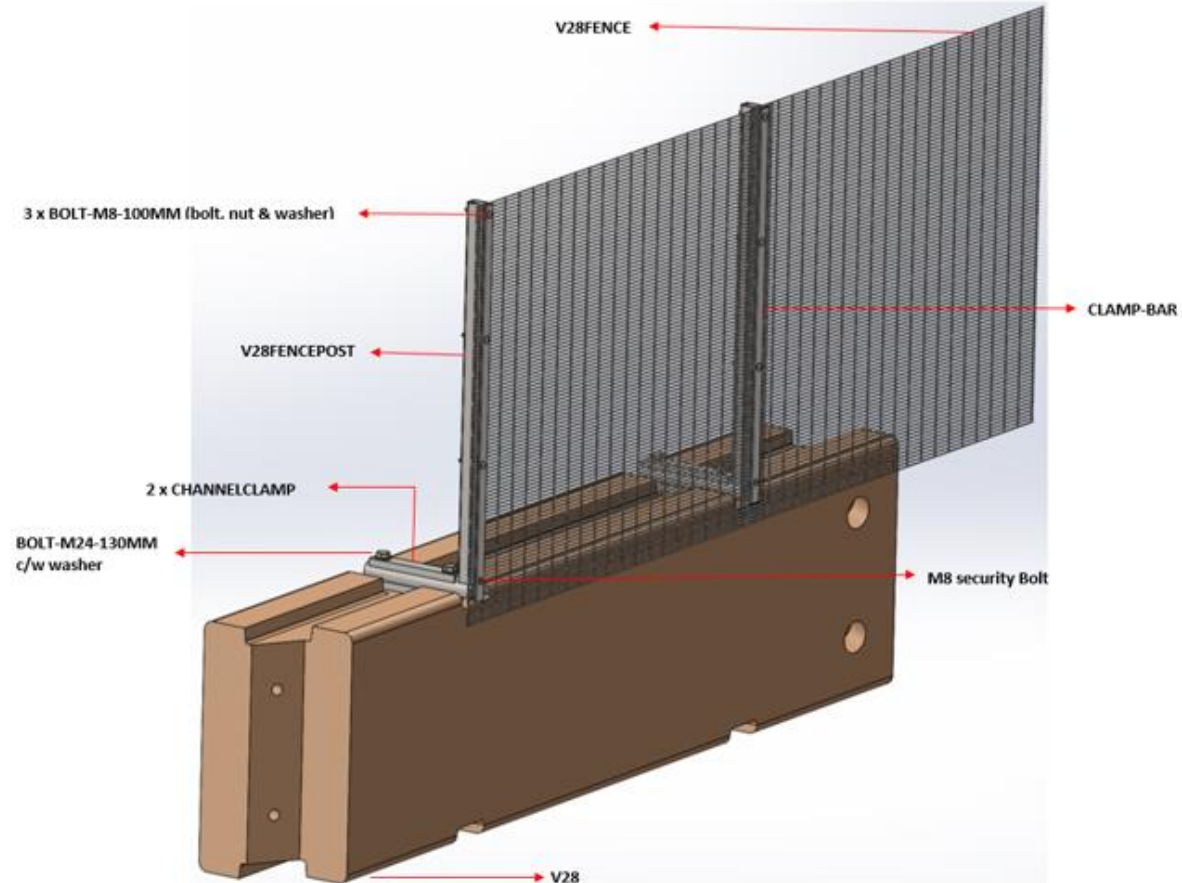


## Instructions V28 TVCB Blocks with Fences

### General Information

Before any work commences, the site must carry a specific site risk assessment. This should include the right PPE to use, the ground condition, elevation or inclination.

**The V28 TVCB blocks will no longer conform to BS EN 1317 when the gate/fences are fitted.**



### Tools Notes

The post/gate installation requires a minimum of two persons with appropriate tools. **No tools are supplied by Marwood Group Ltd.**

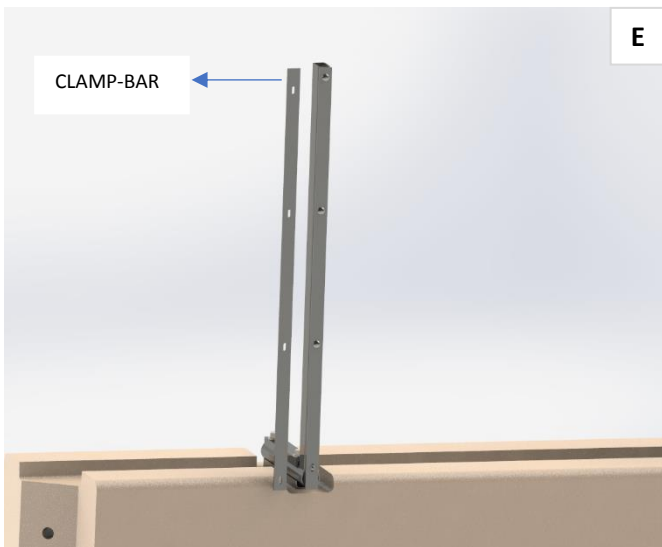
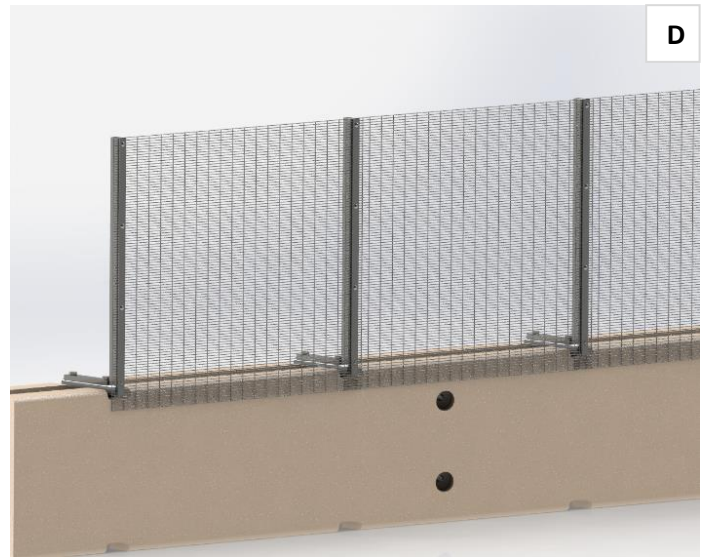
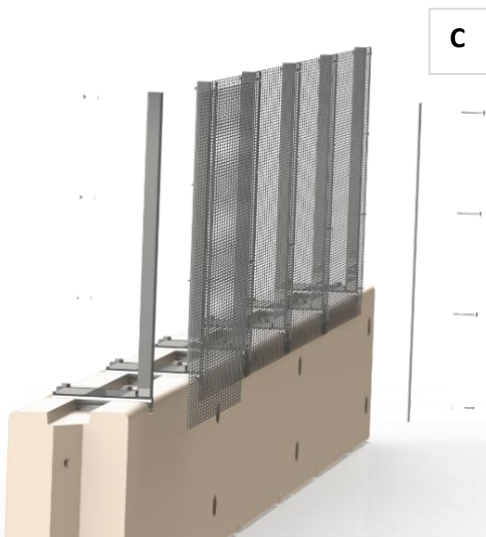
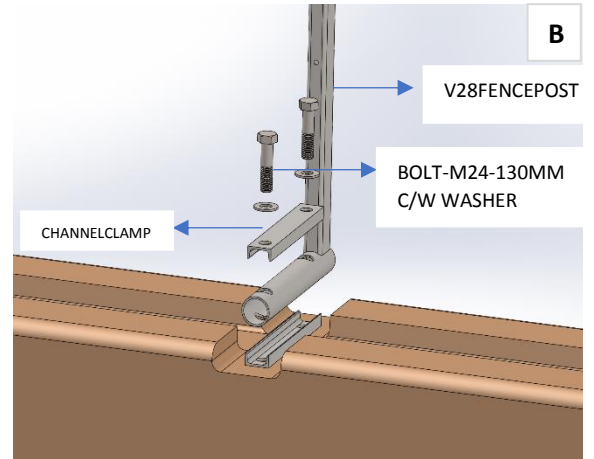
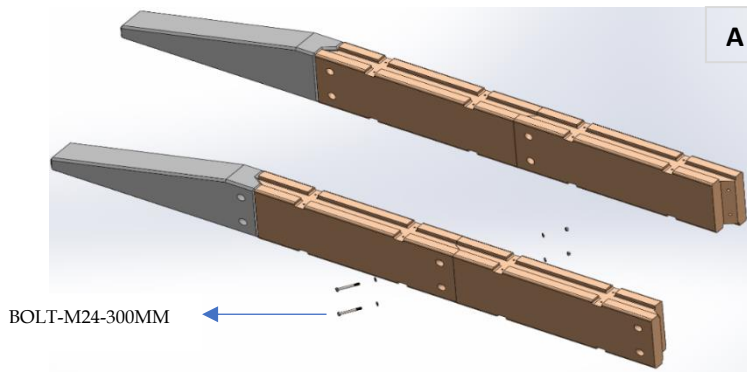
### Instructions

The installation requires a minimum of 3 persons with appropriate tools.

The tools may vary subjected to the site procedures, site competent person and specific risk assessment.

- ✓ Impact wrench (cordless) (not supplied)
- ✓ 13mm Socket to secure the hex nuts onto the backs of the bolts through the posts that secure the mesh in place. (not supplied)
- ✓ 36mm socket to tighten the M24 bolts up that secure the posts down to the block, and another to bolt the head of the hex bolt that secures the blocks together. (not supplied)
- ✓ Cordless Drill (not supplied)

Security bolt to secure bottom fixing into threaded insert into post. (supplied)



## Installation guide

1. With the required number of concrete blocks in place next to each other as shown in Figure A
2. Use all correct fixings and components to secure the blocks next to each other (M24 x 300), Figure A.
3. Place the **bottom plate**, L-post and top plate on the two V28 fixing holes. Secure the post assembly by using two M24 x 130 bolts. (Figure B)
4. Repeat the above process in step 3 for the desired length of barrier and required fences.
5. Use a spirit level to make sure posts are vertical.
6. Make sure all the bolts are securely tightened.
7. Starting from one side, lift one fence panel and make sure it is properly aligned with all eight holes (4 on each post). If the mesh wire covers the hole bend it up/down to achieve a clear pathway for the bolt. (Figure C)
8. Where the fence panels overlap, there is a galvanised flat bar that bolts over the top in line with the post. The flat bar only fits one way up so it must be rotated so that the hole aligns with the holes on the post. (Figure D & E)
9. Use the appropriate bolts/nuts to secure the fence to the posts (3 x M8 x 100mm bolts & 1 x M8 x 45mm security bolt). The security bolt goes in the bottom hole – DO NOT overtighten. Security bolts may be different depending on the stock level but will fit.
10. If some posts are required to be at an angle, make sure to adjust accordingly by tilting the L-post and securely re-tighten bolts.
11. Carry a final check on all fences, posts, plates, bolts, nuts, and blocks. (Figure F)

**Note: Customers must not add signs or banners to the fencing as this will increase the wind resistance of the fencing.**

## Maintenance

Carry daily checks on the complete barrier system including blocks, fence and security fixings. Check that all fixings are tightened and secured.

### *Marwood Note!*

Marwood Group always recommends that a site survey and a full risk assessment must be carried out before using the equipment. It is the end user's responsibility to make sure the system is suitable for their intended use. The system must be installed by an experienced and competent person.

Customers must use appropriate tools based on the size bolts/nuts supplied.

Contact your local Marwood Group Depot, for replacement & repair to the system and their components.