

# How to Install Rota-Spike®

Thank you for choosing Jacksons Fencing. Our high quality fencing products will last for years and give you trouble-free service if you follow the installation instructions below, which are offered as a general guide.

## Tools required:

Battery drill    Selection of spanners    Selection of drill bits    Rivet gun    Tape measure  
Tek screw driver

## Materials required:

Rawl plugs    Pop rivets    Zinc rich paint    Coach or self-drilling/tapping screws

## Method:

Rota-Spike® may be fitted either to existing fencing or to the top/side of a wall, and will need fixings to suit application.

1. Plan and measure security topping route carefully, support brackets are required at 3m centres when fixed on top of a wall or 2m centres when fixed to the face of a wall.
2. Carefully mark through the existing fixing holes in the Rota-Spike® brackets.
3. Drill masonry using a suitable size and appropriate drill.
4. Fit rawl plugs.
5. Fix using suitable coach screws (usually M8). Alternatively fit in place using self-drilling/tapping screws and special driver bit for steelwork.
6. Armour rings may be added to the screw heads for extra security.
7. The tube rail may now be inserted and the spikes added (70 per 6 meters) as the tube is pushed through the brackets. End brackets have a tube welded in place, in order to pop rivet the tube rail in position.
8. Pop rivet fixings should be added at all ends and changes of direction.
9. Any cut ends of tube should be painted with a zinc rich paint.

## Note:

This type of security device must not be hidden from view. We recommend 'Warning Signs' are used every 8-10 metres and at changes of direction along any run of security topping.