

# One Way Spike Unit & Spikes

MG101

## Important

Always check with your local authority or controlling body to ensure one way access spikes are allowable in your situation, it is the end user's responsibility to ensure these units are installed safely and legally. One way access spikes **MUST** always be installed with an awareness sign that is clearly visible to indicate their presence. One way access spikes should always be placed clear of junctions and public roads. Metalguardian accepts no responsibility for any misuse or illegal placement of these units.

## Installation Advice

We recommend that these units are purchased in a 6 unit kit for maximum effectiveness, however depending on the location it may be necessary to install wider kits by adding extra centre units or splitting the spikes into two blocks.

We also strongly recommend purchasing the unit End Caps as they can reduce the likelihood of vehicles slipping off the side of the unit, and reduce the trip hazard for pedestrians. These units must always be travelled across straight, therefore they should always be situated away from a junction to allow vehicles time to straighten up before crossing.

The units are designed to be surface mounted and no fittings are supplied with the kit, this is because the type of surface you are mounting it to dictates what fitting method you use and this can vary substantially.

For asphalt, concrete or road block surfaces we recommend 100mm Anchor Bolts with washers.

## Suggested Signage

Approaching from wrong direction



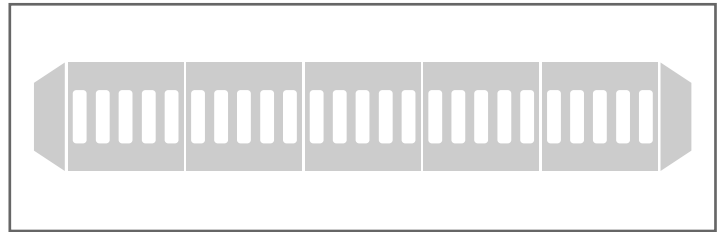
Approaching from correct direction



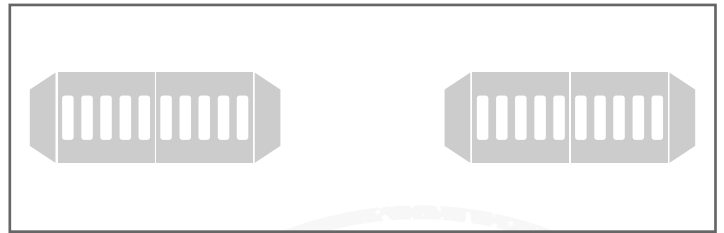
## Placement Advice

Because the middle unit and end pieces are separate you are free to customise your configuration to best suit your intended location. In most cases a 5 unit kit with 2 end pieces will sufficiently cover a standard one lane entrance, however for a narrow entrance way a 4 unit kit with 4 end pieces should suffice.

With separate units be sure that there is enough distance between them to so that at least one wheel will have to travel over the spikes. If they are too close together, a driver may be able to drive over or swerve between the units making them ineffective. It may be useful to park a typical width car in front of where you want to place them, to better judge the distance between the wheels.



For standard entrances



For narrow entrances

A typical width car is approximately 6ft, but you may have the need to cater for anything from a compact car (5ft wide) up to a HGV (8ft 6in). If this is the case then we recommend a single strip unit, rather than two separate blocks, of 6 centre pieces. This configuration would, in most cases, be appropriate to cover the widest range of vehicle widths.