



INSTALLATION & USER INSTRUCTIONS (Read in full before starting)

SAFETY

We recommend the following minimum precautions are taken:

- Wear appropriate safety clothing
- Eye protection and hand protection should be worn
- Wear strong protective gloves
- Secure the site from pedestrians and vehicles, where applicable, by the use of high visibility tape, barriers, cones, safety lamps etc.
- If you use a power supply ensure that it is secure and in a safe dry location
- Ensure there are no underground services that may be affected

FEATURES

To restrict traffic flow to one direction only by preventing/deterring traffic from going the wrong way over the plates

INSTALLATION INSTRUCTIONS (RAGGED VERSION)

- Position the plates in an area suitable for their use. E.g. level, straight roadways where traffic will approach them straight on, as opposed to at an angle. **HGV's should not be permitted access**
- It is recommended that speed reduction measures are also employed, in the form of speed ramps, "slow" signs and "5 mph" speed limit signs (all available from Autopa), and that there is adequate illumination.
- Ensure you have a sufficient number of plates to cover the road width
- The plates should be no more than 100mm apart nor 500mm from the roadside – the second row being no more than 150mm behind the first row (if two rows are being employed) see diagram A
- Excavate a hole approximately 500 x 500 x 250mm deep for each unit
- Allow for drainage/soak away from the bottom by laying approximately 50mm of chippings
- Position the unit in the hole so that the top flat plate is marginally above ground level, alter the height of the chippings if required (see diagram B)
- Lay concrete around the unit to level with the surrounding ground

Ensure that concrete does not ingress the box unit otherwise correct action may be compromised.



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+44 (0)1788 550556

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QMS 9001 (FM31071), EMS 14001 (EMS50316) & OHSAS 18001 (OHS552103)





INSTALLATION INSTRUCTIONS (SURFACE MOUNTED VERSION)

- Position the plates in an area suitable for their use. E.g. level, straight roadways where traffic will approach them straight on, as opposed to at an angle. **HGV's should not be permitted access**
- It is recommended that speed reduction measures are also employed, in the form of speed ramps, "slow" signs and "5 mph" speed limit signs (all available from Autopa), and that there is adequate illumination.
- Ensure you have a sufficient number of plates to cover the road width
- The plates should be no more than 100mm apart nor 500mm from the roadside – the second row being no more than 150mm behind the first row (if two rows are being employed) see diagram C
- Secure to the ground using six M12 bolt head fixings (ground conditions dependant – not supplied)

MAINTENANCE

- Occasionally apply light oil (WD40 or similar) to the hinge if required
- Occasionally remove the top plate and clean out any dirt and debris, which may have accumulated **(Ragged Version ONLY)**

Diagram A

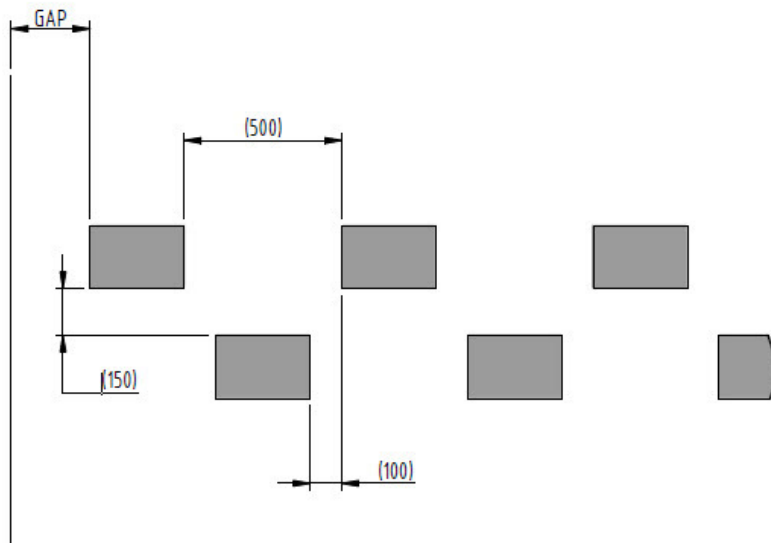


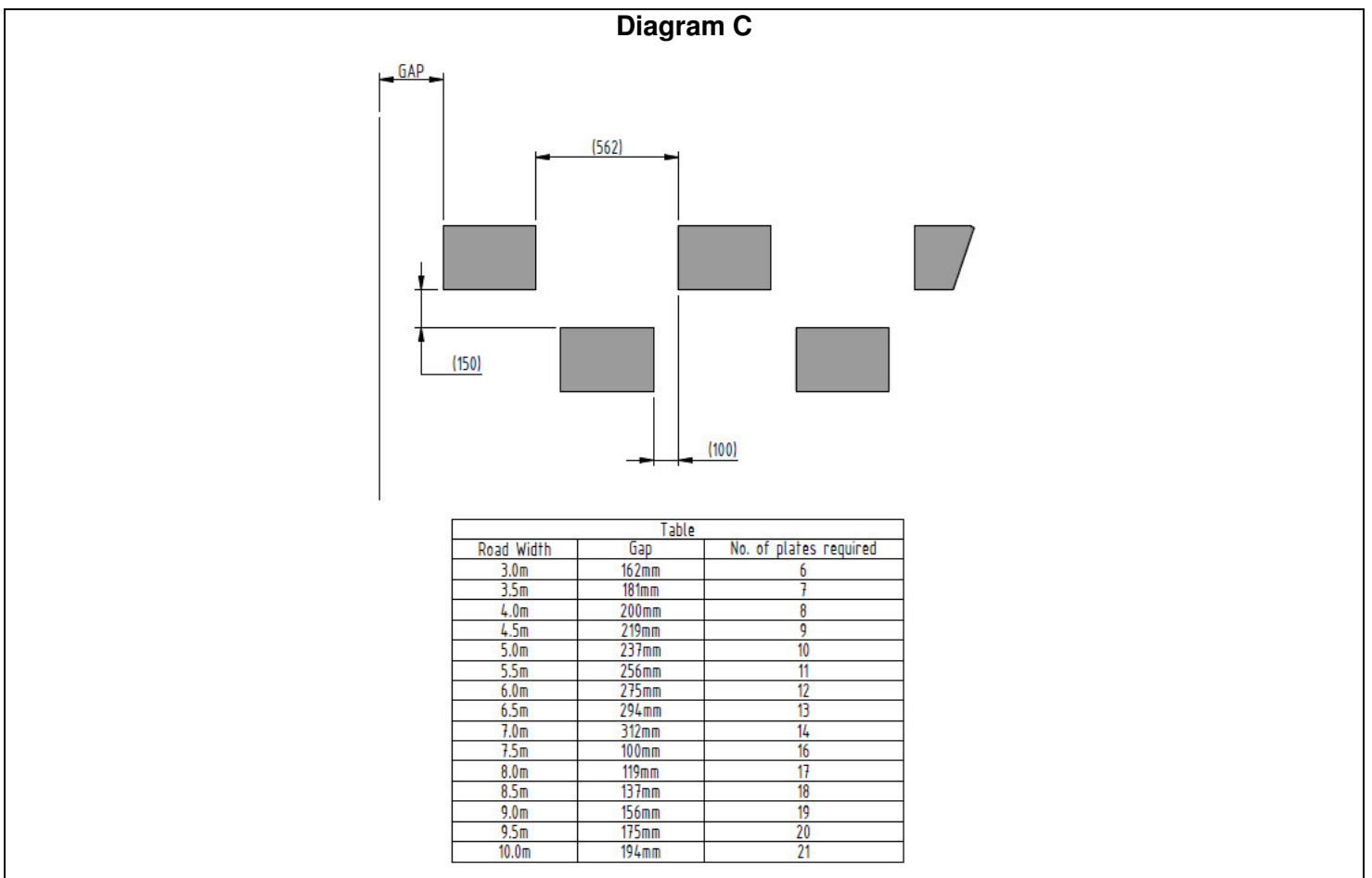
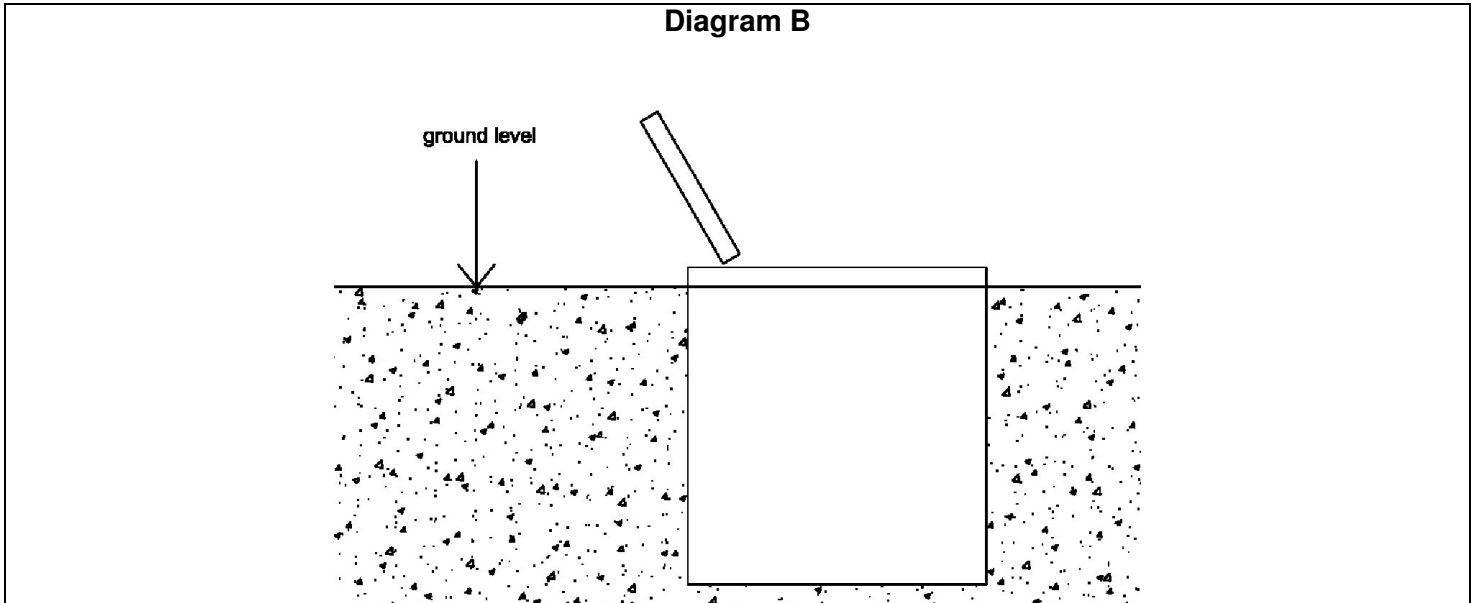
Table		
Road Width	Gap	No. of plates required
3	350mm	6
4	250mm	9
5	350mm	11
6	250mm	14
7	350mm	16
8	250mm	19
9	350mm	21
10	250mm	24



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