

# User Manual

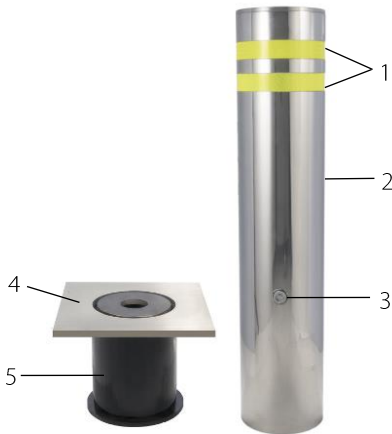
Removable Bollard: BOL1168-R

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Version: 1.0

Date: December 2018

## Details



1. Reflective strips
2. Body
3. Keyhole
4. Flange collar
5. Bollard base

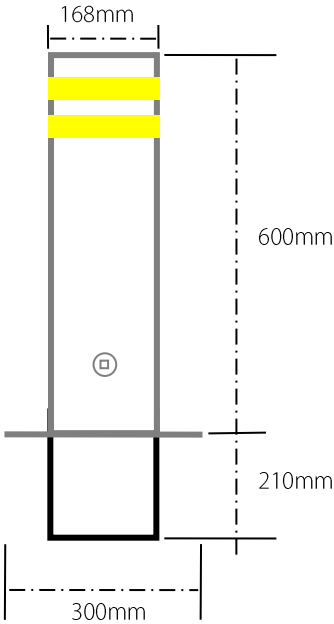
## Introduction

BOL1168-R is a high-quality removable bollard which used widely to prevent unauthorized vehicles from entering restricted areas. It is an ideal cost-effective solution when there is not sufficient area for excavation and installation of a retractable bollard.

BOL1168-R can simply be unlocked and removed with the key provided. This feature allows people to achieve flexible entrance control when access is only occasionally opened.

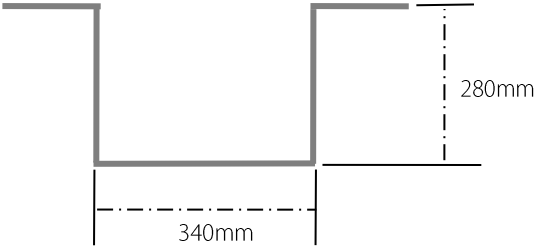
The bollard is commonly found in schools, shopping malls, hotels or housing estates where traffic guidance is needed to protect pedestrians and property. This product provides ideal access control in areas mentioned above and raises the level of security.

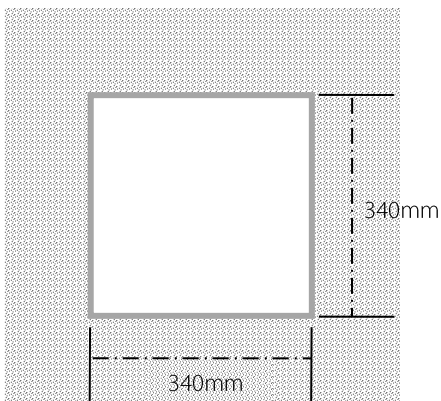
## Size



## Installation

Step 1: Dig a hole as shown in the following figures.

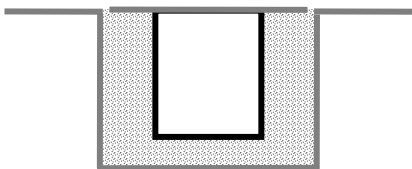




Step 2: Fill the hole with concrete up to 20mm in height.



Step 3: Fill up the rest of the hole with concrete then embed the bollard and fix it firmly into the concrete substrate.



Step 4: After the concrete is set, install the body part and use the key to tighten it.



## Notes

1. Install the bollard with significant care and attention to detail – ensuring that adequate foundation support.
2. Keep the embedded bollard base still until the concrete is set.
3. Avoid sharp objects colliding with the bollard.

## Specifications

Diameter: 168mm

Height form ground: 600mm / customization

Average thickness: 6mm / customization

Embedding depth: 210mm

Material: SUS304

Color of the reflective strips: Yellow

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