



## **Sleeve Lock Removable Key Lock Bollard 90mm Keyed Alike**

Specifications	
<b>SKU</b>	BOLRKL90M
<b>Material</b>	Galvanised Steel
<b>Colour</b>	Powder Coated Yellow with Class 1 Red Reflective Tape
<b>Dimensions:</b>	<b>Diameter:</b> Bollard Dia.: 90mm <b>Height:</b> Total height: 1190mm 960mm Above Ground 230mm below ground
<b>Sleeve</b>	Included
<b>Keys</b>	2 Keys Included (keyed alike)

### **Product Features:**

SafetyXpress Removable Sleeve Lock Bollard slides into an in-ground sleeve, core drilled into the surface (concrete or asphalt) or set in new concrete.

The removable bollard is locked into the sleeve using a key to keep vehicles out.

When you need access it's easy to unlock the removable bollard and take the bollard out. The Removable Key Lock Bollard is great to use as a security measure at factory door entry points and even across driveways.

### **Tools Required:**

- Post hole digger or shovel
- Concrete or concrete mix and water
- Spirit Level
- Trowel
- Measuring Tape

We highly recommend you engage a professional core driller to complete the installation.

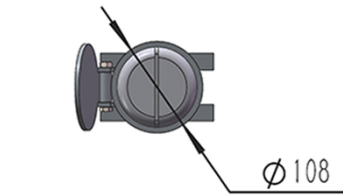
For this bollard, the size of the hole to be core drilled is recommended at approximately 170-175mm.

### **Installation:**

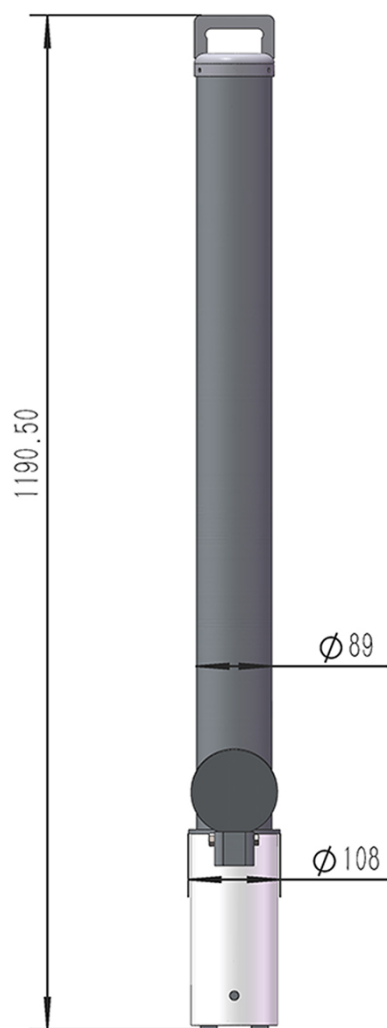
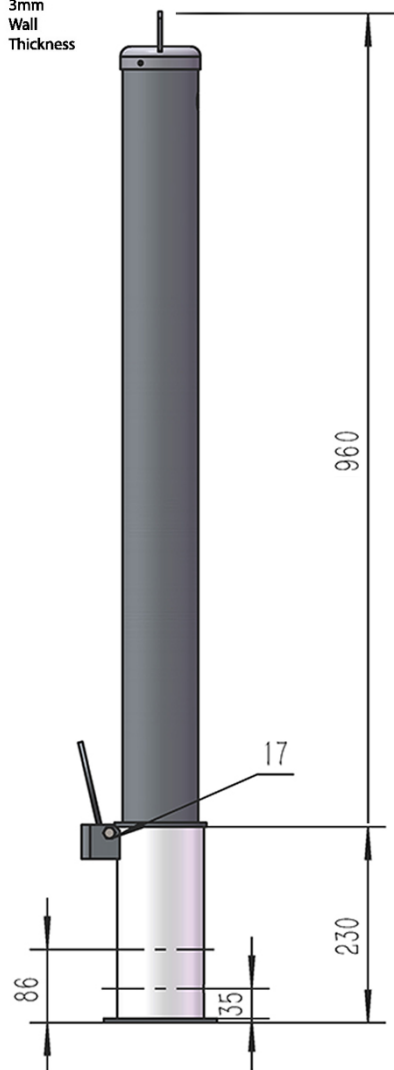
1. Read instruction steps from beginning to end, below is for Installation in Unmade/Gravel Surfaces
2. Determine exactly where the bollard will be placed. If you are installing more than one bollard, it is a good idea to mark the ground to ensure that you have a straight line to assist you with the correct placement of your bollards.
3. Mark the ground at the centre point of where the bollard will sit. Your aim is to make sure that the centre of the hole is also the centre of the bollard.
4. Dig a hole in the gravel or dirt. The width of your hole should be the diameter of the base of the bollard plus 30mm and the hole should be approximately 300mm deep.
5. Prepare the concrete per manufacturer's instructions. It is advisable to place some crushed rock or gravel at the bottom of the hole to act as drainage in the event of water seepage.
6. Shovel the concrete around the base of the bollard, moving the concrete and packing it down around the bollard as you fill the hole to surface level.
7. Ensure the surface of the concrete around the bollard is flat to eliminate any trip hazards by using a trowel to smooth off the surface.
8. Observe the cure time of the concrete, usually 48 hours, to complete the bollard installation. You may want to protect the bollard from interference in this time.



**Technical Drawing**



3mm  
Wall  
Thickness




**SAFETY**  
***XPRESS***  
.com.au

Removable 90mm  
Sleeve Key Lock Bollard

		SCALE
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SKU

BOLRKL90M    BOLRKL90U  
BOLRKL90SS

