

# CENTURION HIGH SECURITY BOLLARD

Operation Type: Shallow Foundation, Removable Bollard



## PRODUCT OVERVIEW

The Centurion Shallow Foundation, Removable Bollard is a derivative of the impact tested static product which was tested and certified to the IWA 14 standard. The Centurion withstood a 7,200 kg vehicle travelling at 50 mph (80kph) achieving less than 2 meters of penetration. The removable variant has been engineered to withstand the same impact.

Designed to be installed within a foundation depth of just 170 mm and with a socket depth of just 259 mm, this enables effective perimeter protection to be installed within urban environments which typically have a dense network of underground services which cost a fortune to redirect or move.

Minimal time and disruption is needed to deploy shallow foundation products as the

base plates are laser cut with directional arrows and part numbers which can be cross referenced to site layout drawings. This all ensures the installation of the product is straight forward, causing minimal disruption to site and street scenes.

An incredibly strong product which is supplied with all component parts galvanised as standard. The core is sleeved as standard with a stainless steel, rectangular sleeve (324x176mm).

Bespoke sleeves can be designed and supplied after consultation with our technical team.

## SECURITY RATING

Engineered for IWA 14:  
7200kg @ 80kph  
Minimum tested array – 3 units.

## FINISHES

Component parts supplied galvanised as standard. The core is sleeved as standard with a stainless steel, rectangular sleeve (324x176mm). Bespoke sleeves can be designed and supplied after consultation with our technical team.

## CENTURION SHALLOW FOUNDATION. REMOVABLE BOLLARD

Shallow Removable Bollard	
<b>Bollard Diameter</b>	150mm (front face) x 300mm (profile)
<b>Height Above Ground</b>	1,100 mm
<b>Foundation Depth</b>	170 mm Foundation Plate; 259 mm Socket
<b>Finishes Available</b>	Component parts supplied galvanised as standard. The core is sleeved as standard with a stainless steel, rectangular sleeve (176 mm x 324 mm). Bespoke sleeves can be designed and supplied after consultation with our technical team.
<b>Security Rating</b>	Engineered for IWA 14: 7200kg @ 80kph