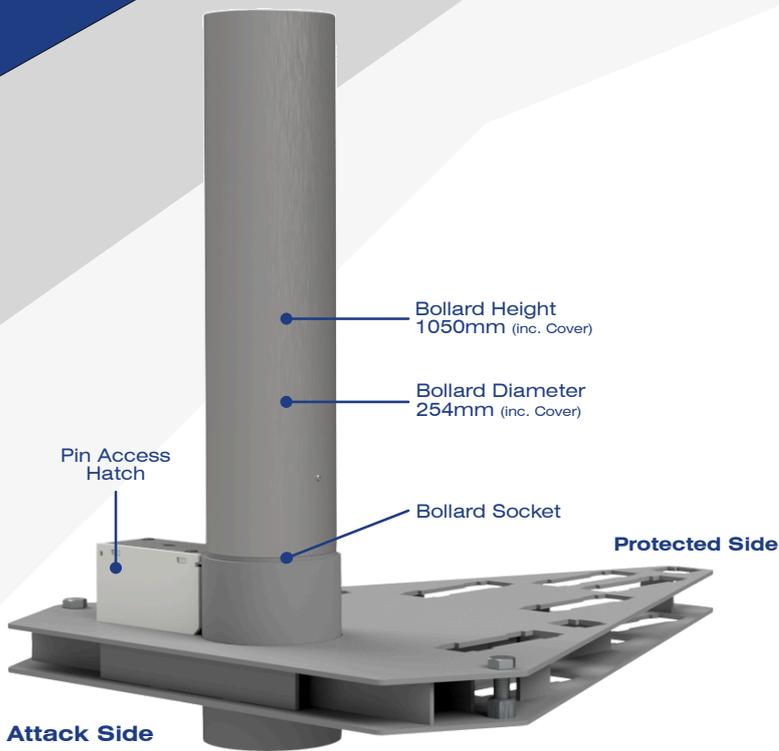


HEALD® APEX 64 REMOVABLE



Heald's Apex-64 Removable Bollard is an evolution of our fixed APEX 64 bollard, designed to enable a simple and fast bollard installation. The additional ability to remove the bollard from its location allows it to be used in locations where access is required for large scale events, parades and larger vehicles.

The APEX-64 Removable Bollard can be installed in either a straight or curved array just like our standard APEX bollard. The modular design allows the bollard array to be extended along the full perimeter. The unique design also enables the bollard to be connected to Heald's other products such as the Matador and EVO Bollard.

APEX-64 Removable Bollards are easy to install with an excavation depth of only 365mm, 260mm for the main body and an additional 105mm for the bollards socket.

The bollards are simply positioned with no pinning required and then secured in place with a concrete back-fill. The surface can be finished with tarmac or pavers to create a smooth integration with any landscape.



Bollard Height	1020mm (excluding cover)
Bollard Width	220mm (excluding cover)
Excavation Depth	365mm
Product Weight	600Kg

Internal Fitted Radius	1550mm (minimum)
External Fitted Radius	800mm (minimum)
Base Plate	100mm
Options	Stainless steel covers (Various cover options available upon request).

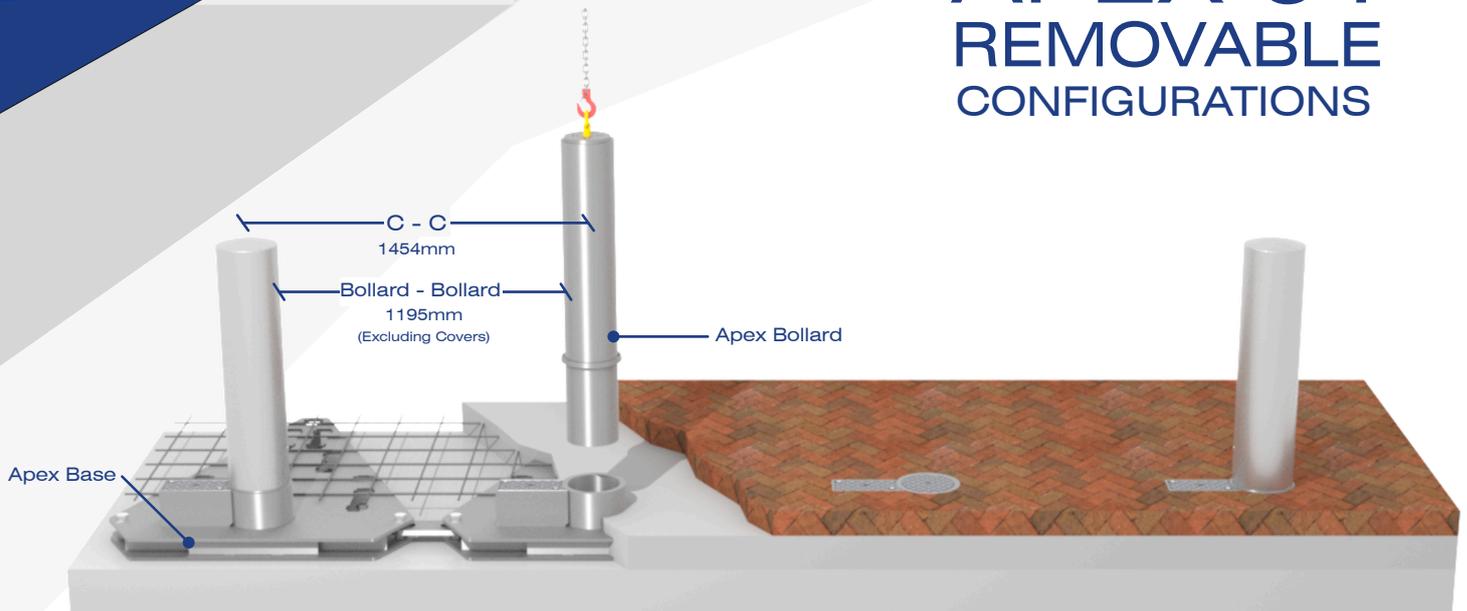
Please contact for further details:

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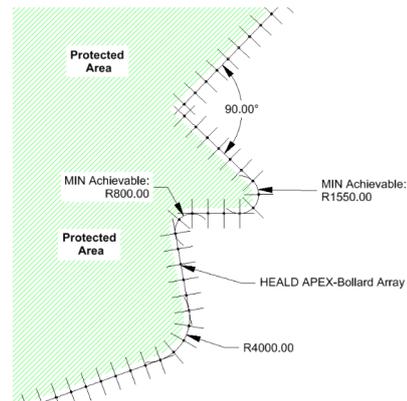
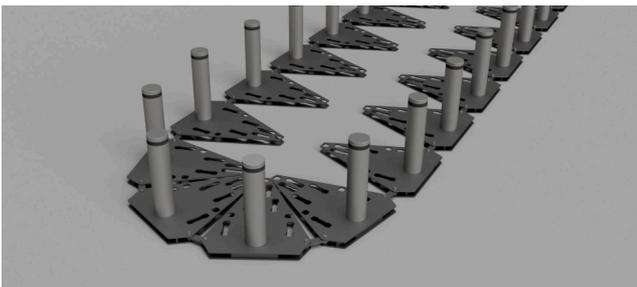
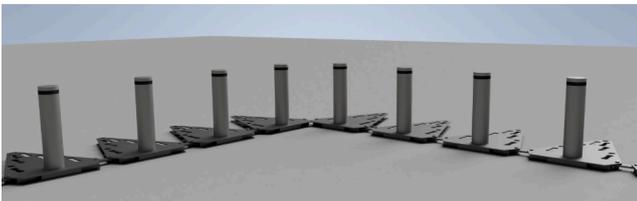
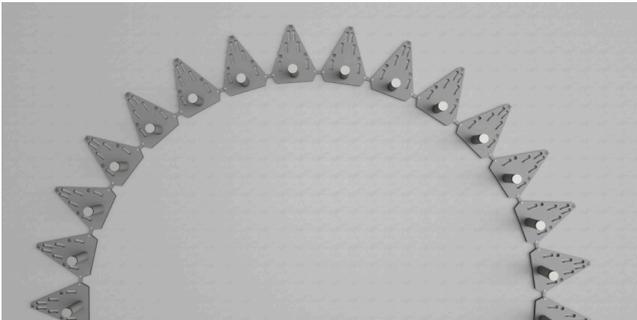


HEALD® APEX 64 REMOVABLE CONFIGURATIONS



Apex can be installed in an array of 3 & above, image above illustrates an array of 3.

APEX Installation Examples



Curved array

Due to the unique design of the Apex bollard, tight curves and 90 degree angles are achievable without any modification to the bollard base. The bollard is mounted onto the base plate which is elongated to the rear of the product. Due to this shape, there are two maximum achievable radii for the curvature of the bollard line; this can be either towards or away from the protected area.

Interior Fitted Radius

This describes the curve radius with the bollard line contouring inwards towards the protected area. The minimum achievable radius is 1550mm, whilst maintaining PAS69 recommended 1.2m spacing between bollards.

Exterior Fitted Radius

This describes the curve radius with the bollard line contouring outwards away from the protected area. The minimum achievable radius is 800mm, whilst maintaining PAS69 recommended 1.2m spacing between bollards.

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Due to a continuous program of development Heald reserve the right to change specifications at any time.

