

CAM-LOK REMOVABLE BOLLARDS

The Cam-lok range of removable bollards with their heavy steel construction were originally designed to help combat 'Ram-raids' on businesses. While they still serve this security role with thousands of them now in the field, we find that our Cam-lok's are being used more and more in architectural environments for managing vehicle access in restricted areas.

These architectural applications vary from the security role in that there is a greater demand for an aesthetically pleasing design, hence the use of polished stainless steel instead of the more industrial powder coated finishes.

However some things never change, one of these is our insistence on using only the very highest quality 'Bi-lock' removable core lock mechanisms with security registered keying.

These are very expensive and make up a substantial part of the cost of the finished bollard, which is why most competitors removable bollards currently on the market use cheap, very poor quality locks that are unreliable and readily breached. While this may reduce the initial investment, it compromises the effectiveness of the bollard and the long term security of your assets.

Another area where our product differs from most is that all our steel bollards (including those with powder coated finishes) are hot dip galvanised during manufacture. Alternatively our stainless steel models are made from marine grade 316.

Cam-lok removable bollards come in two styles. Freestanding for shop front or public open space installations, and roller door models for the protection of factory roller shutter doors.

CAM-LOK SPECIFICATIONS

POST Part No.	POST Description	POST Finish	A (mm)	B1 (mm)	B2 (mm)	C (mm)	Post (kgs)	Post CORED SLEEVE Part No.	D1 (mm)	CONCRETE SLEEVE Part No.	D2 (mm)
BCL90	90mm freestanding post	Powder coated	90	950	200	5.0	12.3	BCL90S-CD	225	BCL90S-NC	425
BCL90-G	90mm freestanding post	Galvanised	90	950	200	5.0	12.3	BCL90S-CD	225	BCL90S-NC	425
BCL90-SS	90mm freestanding post	316 stainless steel	90	950	200	3.05	9.0	BCL90SS-CD	225	BCL90SS-NC	425
BCL90RD	90mm roller door post with door brackets	Powder coated	90	950	200	5.0	12.5	BCL90S-CD	225	BCL90S-NC	425
BCL90RD-G	90mm roller door post with door brackets	Galvanised	90	950	200	5.0	12.5	BCL90S-CD	225	BCL90S-NC	425
BCL140	140mm freestanding post	Powder coated	140	1050	200	5.0	21	BCL140S-CD	225	BCL140S-NC	425
BCL140-G	140mm freestanding post	Galvanised	140	1050	200	5.0	21	BCL140S-CD	225	BCL140S-NC	425
BCL140-SS	140mm freestanding post	316 stainless steel	140	1050	200	3.40	17	BCL140SS-CD	225	BCL140SS-NC	425

CAM-LOK ACCESSORIES



Surface mounted bollard storage

These robust storage units offer a secure location to place your Cam-lok bollards while they are out of the ground. Because the bollard locks into the holder in the same way it does into the in-ground sleeve they are safe to mount outside, where they are close to where they are being used. They are a welded steel design and plated to resist rusting, available in two sizes to suit both 90 and 140mm bollards.

PART No.	DESCRIPTION
BCL90H	Cam-lok 90mm surface mount storage unit
BCL140H	Cam-lok 140mm surface mount storage unit



Hanging post holders

Hanging post holders are manufactured from anodised aluminium. Because they are not lockable they are best suited for internal storage of idle Cam-lok bollards. Each hanging holder is designed to hold one bollard, and will accept either 90 or 140mm models. They must be fixed into a sturdy wall, alternatively they can be post mounted if required.

PART No.	DESCRIPTION
BHH	Wall mount bollard storage unit

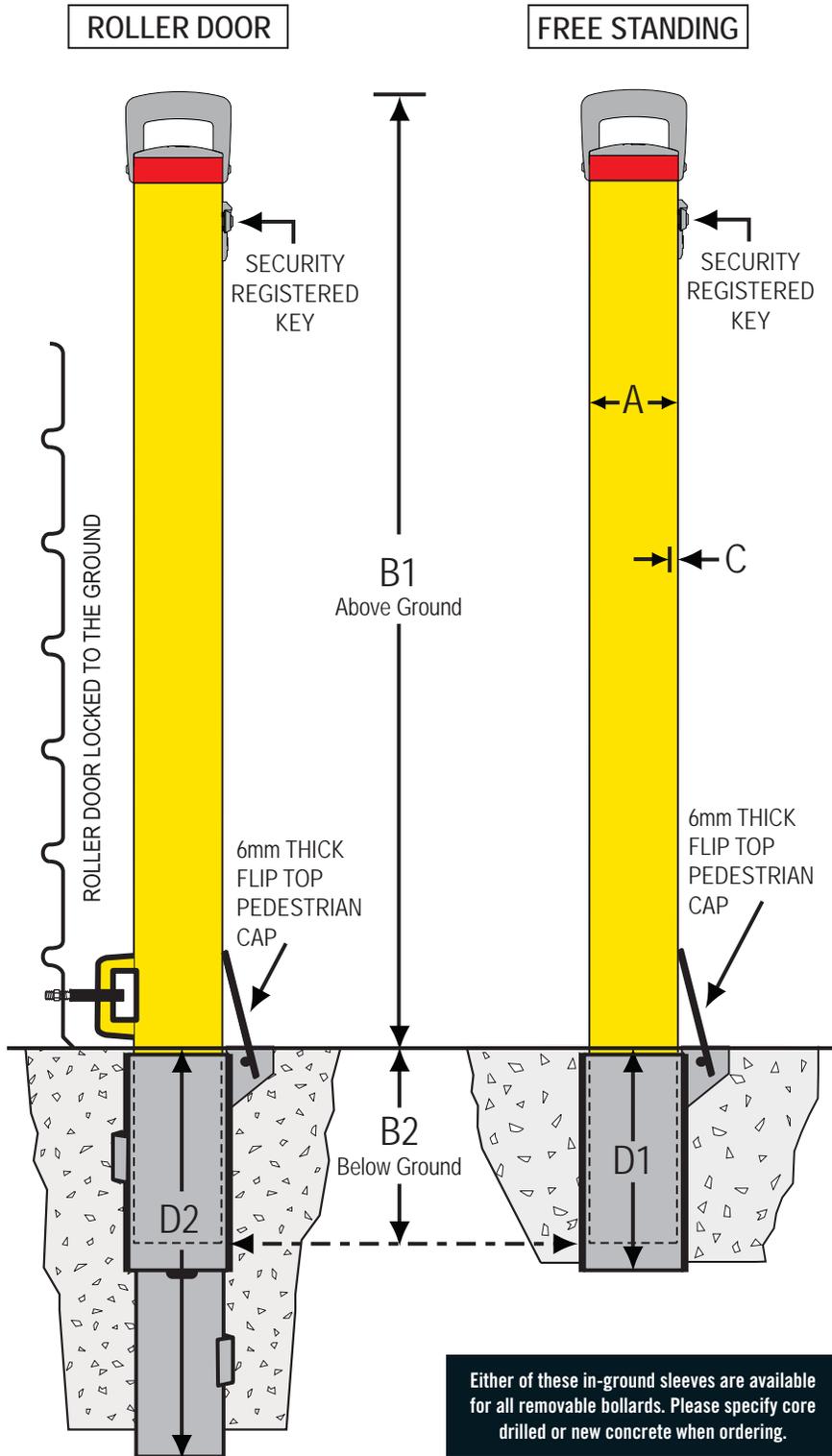


Replacement locks and keys

Our premium 'Bi-lock' components have a number of benefits. Because of the removable core design, locks can quickly be re-keyed or damaged cores replaced if necessary without the need to dismantle the bollard to access the lock body. As all keys and locks are registered to the owner keys can not be cut without authorisation.

PART No.	DESCRIPTION
BCLKEY	Cam-lok additional registered key

CAM-LOK FEATURES



New caps & handles

New cast aluminium handles, caps and lock shrouds finished in a silver grey metallic powder coat add a refined architectural look and improved grip to our removable bollards.



Premium locking system

Our Cam-lok bollards are fitted with top quality 'Bi-lock' security locks with quick change cores that can be removed for maintenance or rekeying without disassembling the bollard.



Roller door brackets

These heavy duty roller door brackets interlock with the bollard shackle to lock the door down to the ground thereby offering maximum security against 'ram raiding' or levering up of the door.

NEW CONCRETE SLEEVES

New concrete sleeves are used where there is no existing concrete and a footing needs to be poured. Such applications would include gravel or bitumen surfaces or where the bollards need to be installed into a garden bed or grassed area. The sleeves are open to the bottom to allow for drainage and incorporate a hinged 6mm thick flush cap.

CORE DRILLED SLEEVES

Where sleeves are to be installed into existing concrete a hole 106mm in diameter is core drilled into the slab, the sleeve is then set into the hole using an appropriate epoxy adhesive. The bollard interlocks with the sleeve to form a burst proof connection. When the bollard is removed the hole is covered by a 6mm thick hinged flush cap.

SLEEVE-LOK REMOVABLE BOLLARDS

The Sleeve-lok range of removable bollards with their heavy steel construction are well suited to help combat “Ram-raids” on businesses. They have served this security role now for over 12 years with thousands having been installed in all manner of applications. We find that our Sleeve-lok’s are also very widely used for managing vehicle access in restricted areas. These include industrial sites, parks and gardens and numerous other public space environments.

Sleeve-lok removable bollards are differentiated from the Cam-lok range by their locking method. Where the Cam-lok’s use high security locks with an internal locking mechanism, the Sleeve-lok’s use a simple padlock design whereby the cap on the in-ground sleeve is secured to a high strength steel shackle welded onto the bollard.

Sleeve-lok removable bollards come in two styles. Freestanding for

shop front or public open space installations, and roller door models for the protection of factory roller shutter doors.

In keeping with a greater demand for an aesthetically pleasing design in street furniture and fixtures used in public open spaces, we have undertaken a major re-design of our removable bollard range. This is evident in the smart new cast aluminium caps and handles on the Sleeve-lok bollards.

Another area of improvement and one where our entire bollard range differs from our competitors, is that they are all hot dip galvanised during manufacture. This includes bollards that are have a powder coated finish. This is a significant development as hot dip galvanising has a dramatic impact on reducing corrosion and increasing the service life of the bollard.

SLEEVE-LOK SPECIFICATIONS

POST Part No.	POST Description	POST Finish	A (mm)	B1 (mm)	B2 (mm)	C (mm)	Post (kgs)	CORED SLEEVE Part No.	D1 (mm)	CONCRETE SLEEVE Part No.	D2 (mm)
BSL63	63mm freestanding post	Powder coated	63	900	150	1.6	4.5	BSL63S-CD	150	BSL63S-NC	300
BSL63-G	63mm freestanding post	Galvanised	63	900	150	1.6	4.5	BSL63S-CD	150	BSL63S-NC	300
BSL90	90mm freestanding post	Powder coated	90	950	200	5.0	12	BSL90S-CD	225	BSL90S-NC	425
BSL90-G	90mm freestanding post	Galvanised	90	950	200	5.0	12	BSL90S-CD	225	BSL90S-NC	425
BSL90RD	90mm roller door post with door brackets	Powder coated	90	950	200	5.0	12.2	BSL90S-CD	225	BSL90S-NC	425
BSL90RD-G	90mm roller door post with door brackets	Galvanised	90	950	200	5.0	12.2	BSL90S-CD	225	BSL90S-NC	425
BSL140	140mm freestanding post	Powder coated	140	1050	200	5.0	21	BSL140S-CD	225	BSL140S-NC	425
BSL140-G	140mm freestanding post	Galvanised	140	1050	200	5.0	21	BSL140S-CD	225	BSL140S-NC	425

SLEEVE-LOK ACCESSORIES



Surface mounted bollard storage

These robust storage units offer a secure location to place your Sleeve-lok bollards while they are out of the ground. Because the bollard locks into the holder in the same way it does into the in-ground sleeve the holder is safe to mount outside where it is close to where it is being used. They are a welded steel design and plated to resist rusting, available in three sizes to suit 63, 90 and 140mm bollards.

PART No.	DESCRIPTION
BSL63H	Sleeve-lok 63mm surface mount storage unit
BSL90H	Sleeve-lok 90mm surface mount storage unit
BSL140H	Sleeve-lok 140mm surface mount storage unit



Hanging post holders

Hanging post holders are manufactured from an anodised aluminium extrusion. Because they are not lockable they are best suited for internal storage of idle Sleeve-lok bollards. Each hanging holder is designed to hold one bollard, and will accept either 90 or 140mm bollards (Note: 63mm models are not suited to hanging holders). Hanging holders must be fixed into a sturdy wall or they can be post mounted if required.

PART No.	DESCRIPTION
BHH	Wall mount bollard storage unit

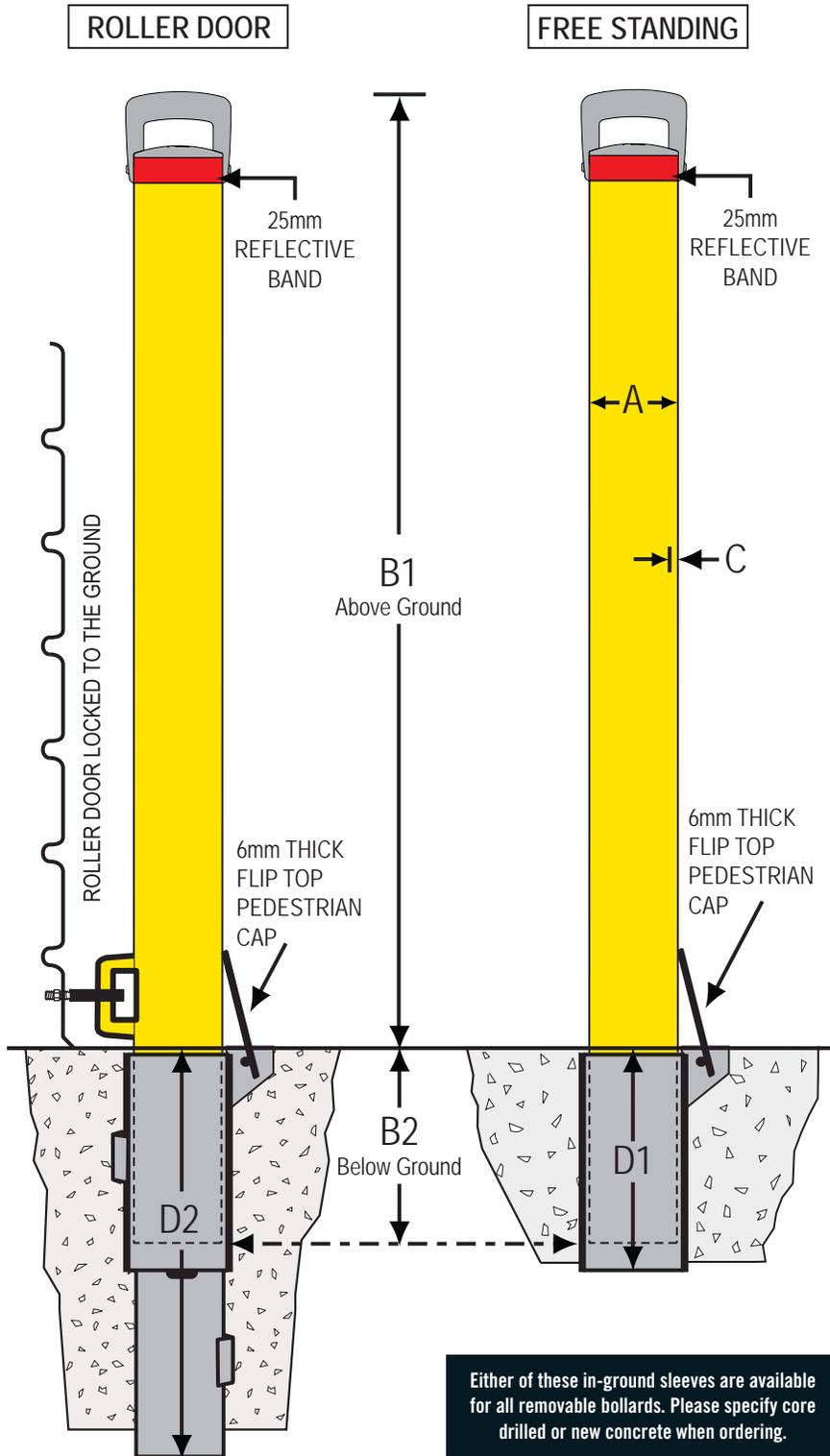


High security padlocks

We sell and recommend the use of a high quality padlock with a shielded shackle to help prevent tampering. The BPL2 is a high strength lock with a 9mm protected shackle. It is chrome plated to resist corrosion and is supplied with 2 keys per lock. Locks can be supplied keyed alike if you have multiple units or keyed differently.

PART No.	DESCRIPTION
BPL2	High security 9mm shielded padlock (2 keys)

SLEEVE-LOK FEATURES



New caps & handles

New cast aluminium handles and caps finished in a silver grey metallic powder coat add a refined architectural look and improved grip to our removable bollards.



Positive locking

Sleeve-lok bollards are secured into the ground by padlocking the 6mm thick sleeve cap to the 10mm thick welded shackle on the bollard with our BPL2 high security padlock.



Roller door brackets

These heavy duty roller door brackets interlock with the welded bollard shackle to lock the door down to the ground, thereby offering maximum security against 'ram raiding' or levering up of the door.

NEW CONCRETE SLEEVES

New concrete sleeves are used where there is no existing concrete and a footing needs to be poured. Such applications would include gravel or bitumen surfaces or where the bollards need to be installed into a garden bed or grassed area. The sleeves are open to the bottom to allow for drainage and incorporate a hinged 6mm thick flush cap.

CORE DRILLED SLEEVES

Where sleeves are to be installed into existing concrete a hole 106mm in diameter is core drilled into the slab, the sleeve is then set into the hole using an appropriate epoxy adhesive. The bollard interlocks with the sleeve to form a burst proof connection. When the bollard is removed the hole is covered by a 6mm thick hinged flush cap.

LEGEND



PROPRIETARY DESIGN

This product has been fully designed and developed by Barrier Group. It is a proprietary product of Barrier Group Pty. Ltd. and protected by copyright.



FREE END OF LIFE RECYCLING

Return this product to Barrier Group for free recycling rather than dumping into landfill.



NEW AND UNIQUE

This is a new and unique product. It has either been designed, developed and manufactured by the Barrier Group Pty. Ltd. or it is being seen here for the first time.



100% RECYCLABLE

This product is manufactured from virgin grade raw materials and is 100% recyclable using existing, readily available recycling technology and services.



RECYCLED MATERIALS

This product has been manufactured from either a combination of recycled materials and virgin grade materials or entirely from recycled materials.



HOT DIP GALVANISED

This product has been hot dip galvanised prior to any surface coatings being applied. Hot dip galvanised offers vastly improved corrosion protection and extended life in harsh environments.



FIXINGS INCLUDED

This product comes complete with all the necessary fixings to complete the standard installation. When comparing competitors prices against our own, always ensure they have included the fixings with the product (excludes gravel spikes).

WARNING

© Barrier Group Pty. Ltd. takes the protection of its intellectual property (IP) seriously and will not hesitate to pursue legal action against any individual, group or organization attempting to steal, copy or duplicate any of its proprietary designs OR anyone who imports, sells or distributes illegal copies or duplicates of its proprietary designs.

IT'S AGAINST THE LAW – AVOID THE PAIN!