

## 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 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

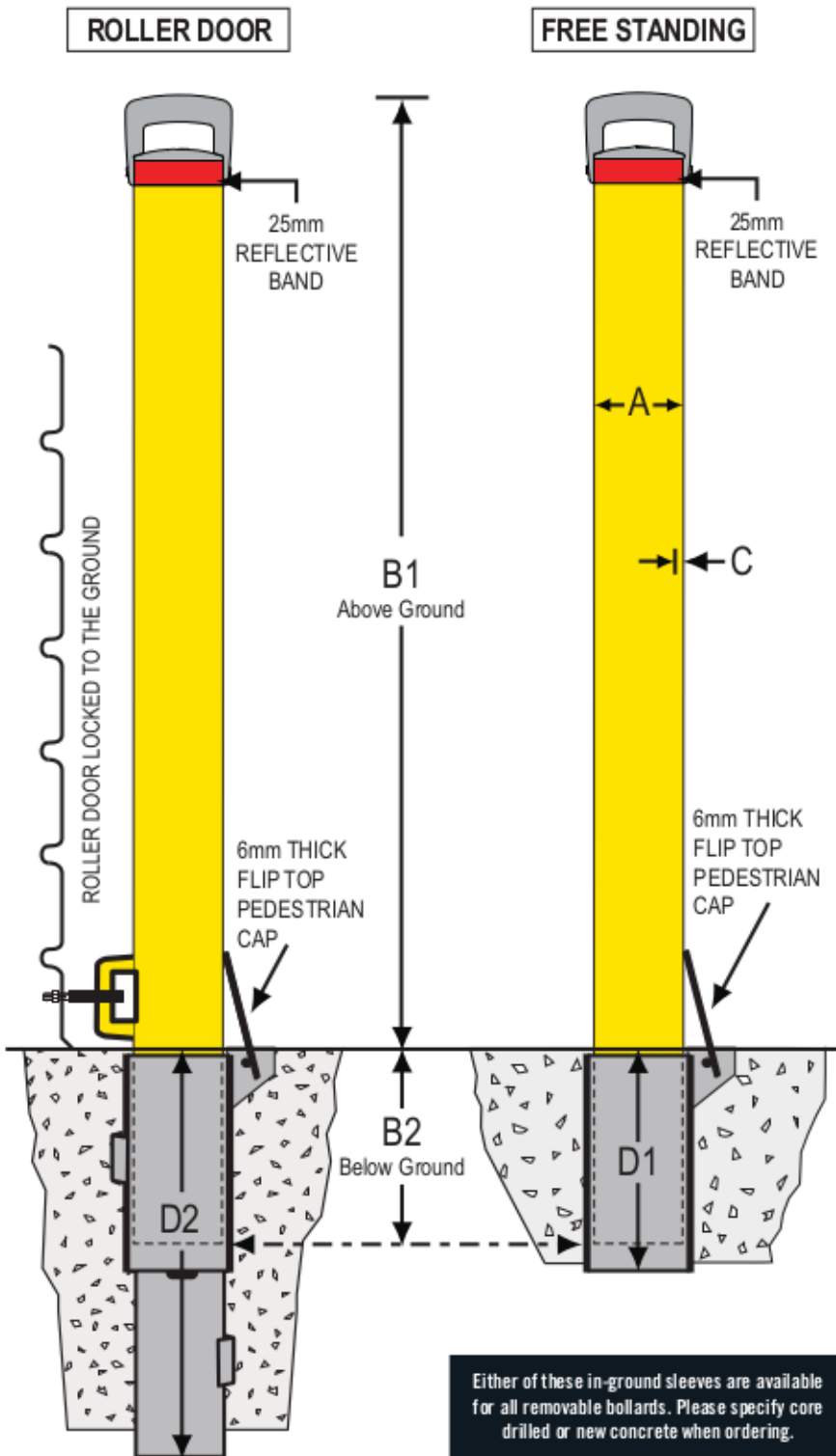


### High security padlocks

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**



Either of these in-ground sleeves are available for all removable bollards. Please specify core drilled or new concrete when ordering.

**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.



**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.