



# SLOWSTOP® BOLLARDS

Dynamic Impact Collision Protection

A revolutionary new rebounding bollard system that absorbs energy, reducing damage to vehicles and assets, while protecting personnel.



Protect Infrastructure



Reduce Inventory Damage



Improve Personnel Safety

[www.slowstop.com](http://www.slowstop.com)



# SLOWSTOP® BOLLARDS

## Dynamic Impact Collision Protection



YouTube /SlowStopBollard

### 15-Minute Installation / Instantly Operational

SlowStop® is incredibly easy to mount with concrete screws. Compared to installing a traditional bollard, SlowStop® requires no core-drilling (costly, messy, time consuming, permits) and backfilling with concrete (dry time). Once installed, SlowStop® is immediately ready for use and impact absorption.

### Wide Range of Applications

SlowStop® is successfully used in commercial locations, industrial environments, logistical sites, and for traffic control situations.



### Modular and Expandable

With SlowStop® elbow, tee, and cross-shaped tubular joints you can easily configure U-shaped (Horseshoe) protection brackets, safety railings, protection buffers and fences and even guardrail systems. The joints are made of the same tough nodular cast iron as SlowStop® bases.



### Reduce Your Costs

SlowStop® gives slightly, so braking distances are increased and the impact of a collision is reduced, time after time.

- Work-related injuries decrease.
- Fewer cases of injury-related absenteeism; unnecessary administrative costs can be avoided.
- *Make sure you include SlowStop® in your risk analysis!*

SlowStop® is the only protection system that offers you calculated safety in function of mass and velocity.

SlowStop® is manufactured from tough cast iron and steel. Unlike plastic these materials are neither combustible nor flammable. It also retains its performance under EXTREME TEMPERATURES (from -40°F to 158°F).



### Architects

Design SlowStop® Bollards into your designs and plans – from concepts and drawings to implementation and installation.

### Building/Equipment Guarding

Prevent damage to your facility and equipment by installing SlowStop® Bollards and Equipment Barriers.

### Contractors

Reduce your job site coordination with SlowStop® simple surface mount installation. Place pre-painted bollards immediately with no concrete prep work.

### Drive-Thru Lane Bollards

From fast-food restaurants, banks teller, ATM lanes, gas stations to drive-up security keypads, SlowStop® Bollards can safely protect your valuable assets.

### Parking Garages

SlowStop® Bollards are designed to be frangible at the base prior to anchor pull-out, allowing engineers to use various size bollards to block and absorb impacts in structural concrete designs.

### Parking Lot Bollards

Use SlowStop® Bollards around utilities, as parking and access barriers, handicap sign bollards, and near corners.

### Pedestrian Safety Bollards

Eliminating the costly headaches of bent and broken bollards while protecting employees and guests in your facility.

### Warehouse/Loading Docks

Load perfect. Prevent damage. Eliminate OSHA violations while protecting pallet racks and equipment.



ORDER TODAY  
[www.slowstop.com](http://www.slowstop.com) 800-736-5256  
[www.YouTube.com/SlowStopBollard](http://www.YouTube.com/SlowStopBollard)

### 3" SlowStop® Bollard Kit



Ideal for light applications such as absorbing impacts from electric carts and light forklifts. Great for residential applications, too!

Light duty, flexible steel bollard kit comes with everything needed to install a single rebounding bollard. Powder coated yellow, complete with anchors and cap. 42" tall.

ORDER #: SS3Y-42



### 4" SlowStop® Bollard Kit



Ideal for medium applications such as absorbing impacts from cars, light trucks, and typical fork lifts. Perfect for storefront crash protection.

Medium duty, flexible steel bollard kit comes with everything needed to install a single rebounding bollard. Powder coated yellow, complete with anchors and cap. 42" tall.

ORDER #: SS4Y-42



### 6" SlowStop® Bollard Kit



Ideal for heavy applications such as absorbing impacts from delivery trucks, heavy fork lifts, and even semis. In fact, this bollard will absorb 40,000 pounds at 4 feet per second before locking to solid.

Heavy duty, flexible steel bollard kit comes with everything needed to install a single rebounding bollard. Powder coated yellow, complete with anchors and cap. 42" tall.

ORDER #: SS6Y-42



### 4" Connectors



Create fencing, barriers and complex guarding using slide together tube clamps. No need to ever weld pipe again.

Elbows, tees, and cross connectors are available to order as separate components for custom-shaped guards and fencing without welding. Hardware is included with each connector.

ORDER #: SS4-ELBOW | SS4-TEE | SS4-CROSS | SS4-PIPE



## Accessories and Options

#### Bollard Cover

Never paint a bollard again.



Sturdy 1/4" thick HDPE construction for long life. Dome top. Available in 10 colors for 4" and 6" bollards.

#### Horseshoe Bollard



Two bollard bases with steel pipe and connectors creates a horseshoe bollard. Creates twice the stopping power of a single 4" rebounding bollard.

Ideally suited to protect gas pumps and similar areas.

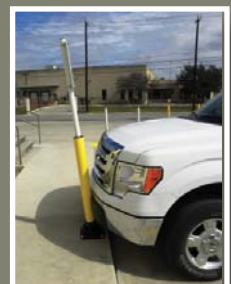


#### Handicap Parking Bollard

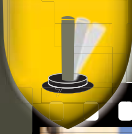
Create a resilient handicap parking bollard, strong enough to eliminate traditional wheel stops.

This 4" Bollard kit comes complete with a rebounding bollard, aluminum signpost, HDPE sign, brackets, and anchors.

*shown with a blue cover*



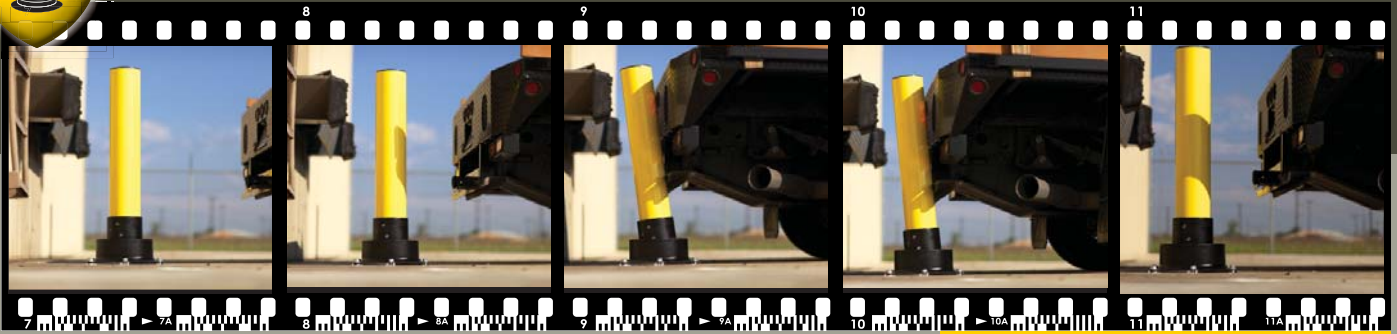
**SLOWSTOP  
BOLLARD**



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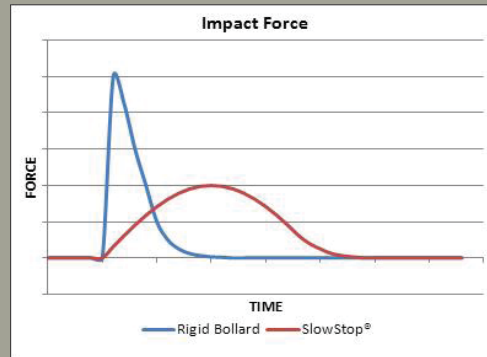
[www.YouTube.com/SlowStopBollard](http://www.YouTube.com/SlowStopBollard)



## What is SlowStop®

The patented SlowStop® Bollard system is a **revolutionary new rebounding steel pipe bollard** that does more than just block access. During a collision, the energy of the impact is progressively absorbed by an elastomer in the base of the bollard.

The post tilts approximately 20° as it absorbs the energy, softening the impact. After the impact, the post returns upright, leaving your guard intact and ready to perform again.



## Benefits

Vehicle **occupants are less likely to be injured** as impacts are gradually softened.

**Damage is reduced** to both the vehicle and the bollard during impact.

Forklift loads are less likely to be lost during an accidental collision.

The **modular system** allows for the replacement of damaged parts without completely re-pouring concrete.

**Installation is simple**, requiring only common tools and taking about 15 minutes per standard bollard.

Fencing and complex barriers can be created from **slide-together connectors** – **no welding**.

**Flexible relocation** without filling large core holes and chipping away old concrete.

by **IMPACT RECOVERY  
SYSTEMS**



## 15-Minute Installation

The ease of installation and moving a SlowStop® Bollard pays for itself.



1. Drill four (or eight) 5/8" concrete holes.
2. Place the base and adapter on top of the elastomer.
3. Tighten the anchors.
4. Insert the bollard and tighten set-screws.

**Done! No core holes. No digging. No water mess.**



For an installation demonstration, visit [www.YouTube.com/SlowStopBollard](http://www.YouTube.com/SlowStopBollard)

