

Bollards M30/M50

Fixed perimeter security
with pedestrian access

Permit free movement of pedestrian
traffic, while protecting from accidental
and malicious threats.



Features:



Choice:

Architects and designers have options including a variety of finishes, lighting designs, and foundations



Clearance:

Shallow mount bollards when working around buried utilities, deep mount bollards for the smallest footprint



Freedom:

Removable bollards allow occasional vehicle traffic without sacrificing security.



Security:

Fixed bollards protect buildings and equipment while adding to the overall aesthetic of the facility.

MADE
* IN THE *
USA

Made in USA:

Designed for frictionless operation and easy service access



Fixed Bollards

High Security Anti-Ram



Technical Specifications

	Deep Foundation		Shallow Mount - 12 inch			Deep Foundation		Shallow Mount - 12 inch		
Model	Removable	Fixed	Removable	Fixed		Removable	Fixed	Removable	Fixed	
Crash Certified	Engineered*	Engineered*	M30 P2	Engineered*		M50 P1	M50 P1	Engineered*	Engineered*	M50 P2
Lighted	-	-	-	Lighted	Unlighted	-	-	-	Lighted	Unlighted
Part #	M30D-R	M30D-F	M30S-R	M30S-L	M30S-F	M50D-R	M50D-F	M50S-R	M50S-L	M50S-F
Above Grade	36 inch		36 inch	45-5/8 inch	36 inch	39 inch		36 inch	45-5/8 inch (FLAT CAP)	36 inch
Foundation Depth	36 inch		12 inch			44 inch		12 inch		
Bollard Finish	Hot dip galvanized, Zinc Rich Primer or Powder coat									
Warranty	1 year									

* Engineered - No crash testing performed; speed rating assigned per technical specifications; penetration rating undetermined

Options

Finish options

- Hot dip galvanized
- Powder coat
- Zinc rich primer

Light options

- Glass refractor globe (dome cap)
- Stacked louver globe (flat cap)
- Cool colored LED (5000K)
- Warm colored LED (3000K)

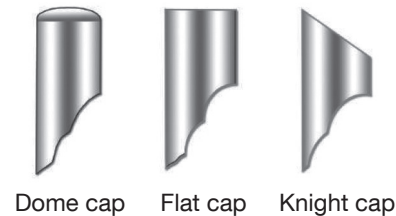
Stainless steel cover options

- 304 or 316 stainless
- Flat cap
- Surface mount
- Domed cap
- Knight cap

Lighted bollard cover options

- 304 or 316 stainless
- Flat cap
- Surface mount
- Domed cap
- Slotted light opening
- Clear or opal lens
- 360° light opening

Bollard cap choices:



Lighted bollard choices:

