



**BULLARD
BOLLARDS**
Think Bollard Think Bullard



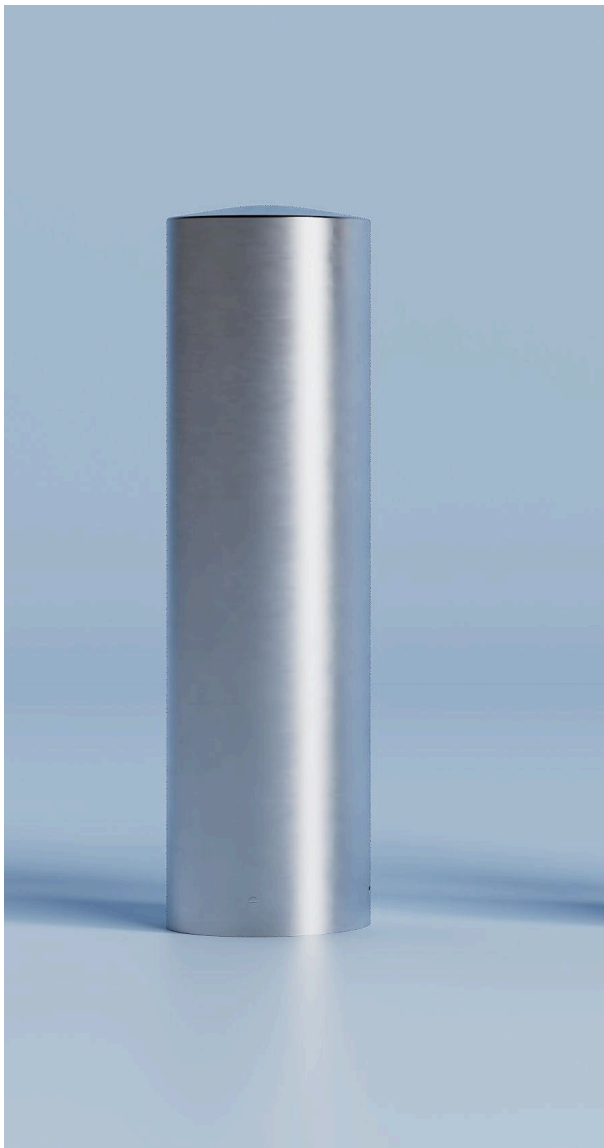
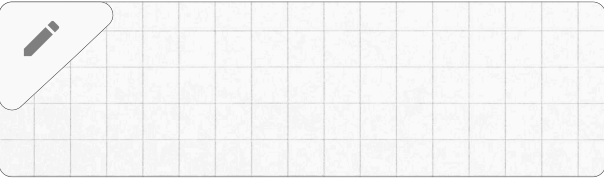
MR.DOME

K12
RATING

NON-ILLUMINATED **SECURITY & SAFETY BOLLARDS**

Fixture Type:

Project Name:



General Information:

A refined approach to perimeter protection, MR.DOME enhances safety by clearly defining boundaries between vehicles and people. Its dome top profile introduces a softer architectural presence while maintaining strong impact resistance.

Engineered for certified performance, it offers selectable security ratings to match site-specific risk levels. Durable construction and a wide range of finishes allow seamless integration into both functional and design-led environments.

Applications: commercial sites, industrial facilities, high-security areas

Fixture Type:

Non-Illuminated Security & Safety Bollard

Bollard Cover Materials:

Stainless Steel
Aluminum

Finishes:

White
Green
Corten
Grey
Black
Stainless Steel
Custom on request

IP Rating:

IP 65



Due to the dynamic nature of lighting products and the associated technologies, luminaire data on all specification sheets is subject to change at the discretion of Gordon Bullard LLC and associated companies.

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CODE:
BB-MRD-SB-K12

Fixture Type:

Project Name:

HOW TO ORDER:

CODE:

CODE EXAMPLE:
BB-MRD-SB-K12-H7-01-11

**BB-MRD-SB-K12-
H7-01-11**

1

BOLLARD DIAMETER:

Diameter - Ø: 12" (30.4 cm)

2

BOLLARD HEIGHT:

-H1	H: 40" (101.6 cm)
-H2	H: 42" (106.6 cm)
-H3	H: 43.5" (110.4 cm)
-H4	H: 44.5" (113 cm)
-H5	H: 46" (116.8 cm)
-H6	H: 47.5" (120.6 cm)
-H7	H: 48" (121.9 cm)
-H8	H: 49" (124.4 cm)
-H9	H: 51" (129.5 cm)
-H10	H: 54" (137.1 cm)
-H11	H: 56" (142.2 cm)
-H12	H: 57" (144.7 cm)
-H13	H: 59" (149.8 cm)
-H14	H: 62" (157.4 cm)
-CUS	Custom Height








3

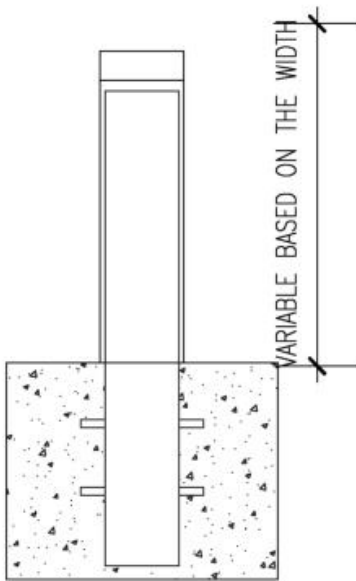
BOLLARD COVER MATERIALS:

-01	Stainless Steel
-02	Aluminum

4

FINISH OPTIONS:

-392	White	
-393	Green	
-394	Corten	
-395	Grey	
-396	Black	
-11	Stainless Steel	
-CUS	Custom on request*	



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DOS K-RATING EXPLAINED

DOS K-ratings are a legacy U.S. Department of State crash-testing classification system used to define the performance of security barriers (such as bollards) against vehicle impact. The rating is based on a standardized test involving a 15,000 lb vehicle impacting at defined speeds—K4 (30 mph), K8 (40 mph), and K12 (50 km/h ≈ 50 mph)—with performance measured by how effectively the barrier stops the vehicle and limits penetration beyond the barrier line.



DOS K12

- **Vehicle weight:** 15,000 lbs
- **Impact speed:** (50 mph)
- **Vehicle type:** medium-duty truck
- **Penetration:** 1 meter or less (L3)
- **Test standard:** U.S. Department of State (DOS) crash test protocol

FOUNDATION OPTIONS EXPLAINED

Understanding foundation type and depth is critical to ensure the bollard performs as designed under impact. Improper installation can significantly reduce crash-rating effectiveness and compromise site safety.



Deep Foundation

- **Excavation:** 47.25 in (1200 mm) depth
- **Reinforcement:** Rebar cage (#5 / #8)
- **Installation:** Bollard embedded and fully encased in concrete
- **Function:** Transfers impact load into deep concrete mass



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