



OPTIONS

Methods of installation

- embedded in concrete

Bollard handle

- none
- 1 chain (both sides)
- 1 chain (one side)
- attachment of 2 chains (double-sided)
- attachment of 2 chains (final)

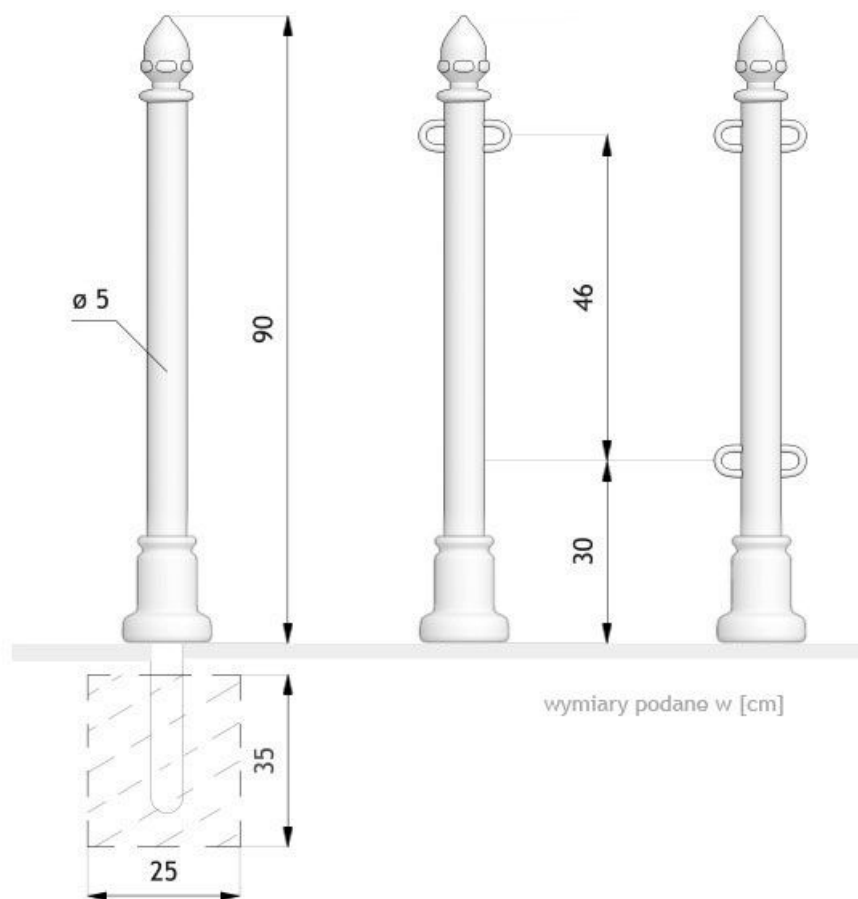
Fence mounts

- single sided
- double sided
- none

DESCRIPTION

Thanks to the classic pattern - design of Tempo bollard is absolutely universal. It will be great for the historical district and modern housing estate. The installation of this bollard is very simple - using concrete foundation. This kind of assembly protects the whole construction against damages. Our bollards can be used to separate streets, pavements or alleys. We propose three kinds of those bollards: bollards without any chain rings, bollards with two chain rings and bollards with four chain rings.





GENERAL TECHNICAL DATA

Materials

- cast iron
- steel tube: 50 mm

Dimensions

- height from ground surface: 90 cm
- height with anchoring section: 125 cm

ZANO



Product: Tempo Bollard
 Catalog number: **01.052**
 Designer: Tomasz Szpytma

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NOTE: The drawings do not reflect the actual dimensions of the foundation. They are only exemplary assembly schemes taking into account the type of anchoring and the substrate material to which the furniture is to be fixed.

The size of the foundation depends on the local foundation conditions.



INSTALLATION INTO PAVING WITH FOUNDATION

Description of the assembly

1. ZANO product
2. Stone paving / concrete paving / stone slabs / concrete slabs
3. Sand ballast (approx. 2 - 4 cm)
4. Concrete foundation, class C16/20 (top surface concrete 10 cm below paving surface)
5. Ground



MOUNTING TO CONCRETE FOUNDATION

Description of the assembly

1. ZANO product
2. Concrete foundation, class C16/20 (top surface concrete 10 cm below paving surface)
3. Ground



MOUNTING TO CONCRETE FOUNDATION

Description of the assembly

1. ZANO product
2. Fixed hardened surface e.g. concrete or asphalt
3. Concrete foundation, class C16/20 (top surface concrete 10 cm below paving surface)
4. Stone aggregate substructure
5. Sand ballast (approx. 2 - 4 cm)
6. Ground