

## OPTIONS

### Construction:

- carbon steel (s235Jr)

### Methods of installation:

- embedded in concrete

### Bollard handle:

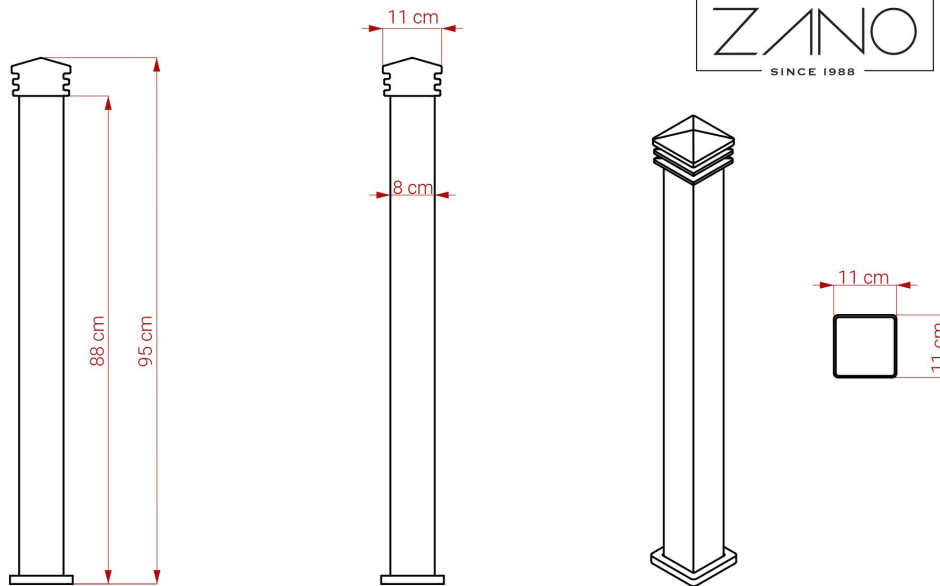
- none
- 1 chain (both sides)
- 1 chain (one side)
- attachment of 2 chains (double-sided)
- attachment of 2 chains (final)

### Fence mounts:

- single sided
- double sided
- none

## DESCRIPTION

**Carbon steel bollards**, like presented Ting 01.084 model, are **corrosion resistant** and durable. These are ideal elements of **street furniture** for directing pedestrian areas where there is a possibility to come into conflict with traffic. Those **street bollards** are functional and beautifully styled. Presented bollards are available in all RAL palette standard colours. Those bollards are bright and modern solution for every urban surroundings. They make the public places safe and functional.



## GENERAL TECHNICAL DATA

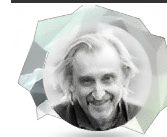
### Dimensions:

- height from ground surface: 95 cm
- height with anchoring section: 135 cm
- thickness: 8 cm

### Materials:

- cast iron
- steel profile: 80 mm

ZANO



Product: Ting Bollard  
 Catalog number: **01.084**  
 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