



## Ductile iron manhole cover with square lid h638\_156

Ductile iron manhole cover with square lid, load class B125. Ideal for road and urban applications. External dimensions: 500 x 500 mm. Clear opening: 400 x 400 mm. Height: 30 mm.

The **ductile iron manhole cover with square lid h638\_156** is a covering device designed to combine structural stability and safety within modern urban infrastructures. Made of **GJS-500-7 ductile iron** in strict compliance with European standard EN 1563, this product solves the problem of fumes rising from underground sewer networks thanks to a special **internal "U" seat**, which acts as a hermetic odor barrier when integrated with sealing materials. The target audience includes construction companies, utility installers, and municipal administrations operating on sidewalks, pedestrian avenues, and parking areas. The frame is equipped with a **shaped peripheral flange with beveled corners**, a configuration that optimizes mechanical anchoring to the road foundation and ensures a precise, oscillation-free fit with the lid, reducing frictional wear over time.

## Technical features

- **External frame dimensions:** 500 x 500 mm
- **Internal clear opening:** 400 x 400 mm
- **Total profile height:** 30 mm
- **Total weight:** 12.20 kg
- **Material:** GJS-500-7 ductile iron according to EN 1563
- **Load class:** B125 (suitable for pedestrian areas, cycle paths, and parking lots with light traffic)
- **Geometry:** Square-shaped outer frame and lid
- **Frame features:** Shaped peripheral flange and "U" groove for anti-odor seal
- **Lid details:** Blind-bottom slots for lifting keys, self-centering beveled corners
- **Surface safety:** Non-slip geometric reliefs for fall prevention
- **Finish:** Central smooth area dedicated to custom engraving of logos or text

\* Image for illustrative purposes only

## INFORMATION

- **Material manhole covers** ghisa
- **manhole\_dimensions** 500 x 500 mm

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Manhole cover material: ghisa

