



Ductile iron road manhole cover h638_16

Road manhole cover with circular frame and cover. Material: ductile iron. Dimensions: Ø 85 cm.

The **h638_16 circular road manhole cover** is a high-resistance covering device designed for insertion in road infrastructures subject to severe stress. Made of **ductile iron** in compliance with the UNI EN 1563 standard, the product is certified in **D400** loading class, making it the ideal choice for carriageways, hard shoulders, and parking areas accessible by all types of vehicles, including heavy vehicles. The structure features both a circular frame and cover, an optimal configuration for uniformly distributing static and dynamic loads. To maximize environmental comfort in urban areas, the manhole cover integrates a **special internal gasket** with anti-noise and anti-tilting properties. The opening system is assisted by a hinge with a 90° safety stop and a 110° maximum opening, completed by an automatic locking mechanism.

Technical features

- **Material:** Ductile iron conforming to UNI EN 1563 standard
- **Loading class:** D400 (40-ton breaking load)
- **External dimensions (Frame):** Ø 850 mm
- **Clear opening (Useful passage):** Ø 600 mm
- **Total weight:** 57 kg
- **Geometry:** Circular frame and cover
- **Stability:** Special integrated anti-noise and anti-tilting gasket
- **Opening safety:** Hinge with 90° mechanical lock and 110° maximum opening
- **Functionality:** Automatic locking system upon closure

** Image for indicative purposes only*

INFORMATION

- **Material manhole covers** ghisa
- **manhole_dimensions** Ø 850 mm



D400



TELAIO
TONDO



COPERCHIO
TONDO



GUARNIZIONE



CERNIERA



CERNIERA



CHIUSURA
AUTOMATICA

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Manhole cover material: ghisa