



Ductile iron manhole cover 100x100 cm h638_159

Ductile iron manhole cover with square lid and automatic locking, ISO 9001:2015 certified. Load class D400, ideal for high-traffic roads. External dimensions: 1000 x 1000 mm. Clear opening: 900 x 900 mm. Height: 80 mm.

The **h638_159 ductile iron manhole cover** is a high-resistance covering device, specifically designed to withstand the severe dynamic stresses of main traffic roads and industrial areas. Made of high-quality GJS-500-7 ductile iron according to the EN 1563 directive, the product is certified in load class **D400**, guaranteeing structural strength for loads exceeding 400 kN (40 tons). The square frame features a wide external perimeter flange shaped with rounded corners and reinforcement ribs for deep and stable anchoring to the road foundation. Equipped with an **internal "U" seat**, it allows for the housing of insulating materials for perfect **odor tightness**. The square lid includes an automatic safety **locking system**, geometric anti-slip reliefs for correct water drainage, and practical slots for standard lifting keys.

Technical features

- **Material:** GJS-500-7 ductile iron compliant with EN 1563
- **Load class:** D400 (Breaking load > 400 kN)
- **External dimensions:** 1000 x 1000 mm
- **Clear opening (internal):** 900 x 900 mm (extra-large passage for inspections)
- **Total height:** 80 mm
- **Overall weight:** 124 kg
- **Shape:** Square (both frame and lid)
- **Insulation:** Internal "U" seat for odor tightness
- **Active safety:** Automatic locking system against accidental opening
- **Passive safety:** Embossed surface with anti-slip reliefs
- **Operation:** Lid equipped with slots for standard lifting keys
- **Company certification:** Produced according to ISO 9001 quality standards

** Image for illustrative purposes only*

INFORMATION

- **Material manhole covers** ghisa
- **manhole_dimensions** 1000 x 1000 mm

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Manhole cover dimensions: 1000 x 1000 mm

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