



Ductile iron manhole cover h638_140

Road manhole cover in ductile iron produced by an ISO 9001:2015 certified company. Class: F900. Dimensions: 820 x 820 mm.

The **h638_140 road manhole cover** is a high-resistance crowning device, made of **ductile iron compliant with the EN 1563 standard**. Specifically designed for infrastructures subject to extreme loads, such as airport runways, port docks and heavy industrial plants, this model belongs to **Class F900**, guaranteeing a load capacity exceeding **900 kN**. The square frame features a continuous external perimeter flange for superior stability and impeccable anchoring to the foundation via holes for anchor bolts. The system effectively solves the problem of structural safety and sewage isolation thanks to the internal "U"-shaped seat for an **odor-tight seal** and an **automatic locking mechanism** with shaped elastic appendages that secure the cover against the most violent dynamic stresses.

Technical specifications

- External frame dimensions: 820 x 820 mm
- Internal clear opening: 690 x 690 mm
- Frame height: 100 mm
- Total weight: 104 kg
- Resistance class: F900 (breaking load > 900 kN)
- Material: ductile iron (EN 1563)
- Geometry: square-shaped frame and cover
- Locking system: automatic with elastic appendages and locking tabs
- Company certification: ISO 9001:2015
- Finish: uniform non-slip embossments and closed-bottom slots

** Image purely indicative*

INFORMATION

- **Material manhole covers** ghisa
- **manhole_dimensions** 820 x 820 mm

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