STEEL GRATING · PRODUCT DATASHEET

Steel Grating Drain Cover

Grating trench and drain covers specified by clear opening, support ledge, load and frame.



Common applications

- Outdoor drainage channels
- Workshop floor channels
- Curved trench layouts

Supplied by drawing

Panels, sizes, finish and packing are made to your drawing, sketch or parts list and confirmed in writing before production.

Typical specifications (quotation examples)

Reference	Description
Pedestrian trench cover	Common grating cover for walkways, yards and maintenance drainage channels.
Forklift / vehicle cover	Heavier bearing bar and frame reviewed by wheel load, clear span and support ledge.
Angle frame cover set	Angle frame, cover panel, anchoring and lifting holes reviewed together from drawings.
Marked removable set	Panel marks and bundle sequence arranged by trench line, floor area or installation order.

Examples only. Final sizes, loads and finish are confirmed against your drawings and project documents.

What we confirm before quotation

Clear opening	Trench clear width, overall trench length and cover panel layout.
Support ledge	Ledge width, support span, frame seat and whether the cover is frame-supported.
Load condition	Pedestrian, cart, forklift, vehicle or maintenance load and any wheel traffic.
Bearing direction	Bearing bars should span correctly across supports and be marked on the drawing.
Frame and lifting	Angle frame, embedded frame, lifting holes, handles or fixing clips.
Finish and marks	Surface type, galvanizing, drainage exposure, panel marks and packing sequence.

Product and project photos







Loading for shipment

Standards and references

- Drain cover grating can be reviewed by trench drawing, clear span, support ledge, load requirement and standards such as YB/T 4001.1, ANSI/NAAMM MBG 531 or BS 4592 when required.
- Vehicle, forklift or trolley areas should confirm wheel contact, support direction and frame details before bearing bar selection.
- Hot-dip galvanizing can follow ISO 1461 or ASTM A123/A123M after cutouts, banding, frames and lifting holes are confirmed.
- Final inspection should follow approved trench layout, panel marks, removable sequence, finish requirement and packing labels.

RFQ checklist: send these details for a faster quote

[ ]	Clear trench opening, support ledge and cover panel layout
[ ]	Load condition, wheel traffic, support span and bearing direction
[ ]	Frame type, anchoring, lifting holes or removable handles
[ ]	Smooth or serrated surface, hot-dip galvanized finish and drainage exposure
[ ]	Panel marks, quantity, packing sequence, destination and drawings

Free drawing review

Send drawings, sketches or a parts list. We check sizes, materials and finish before pricing, at no cost to you.

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