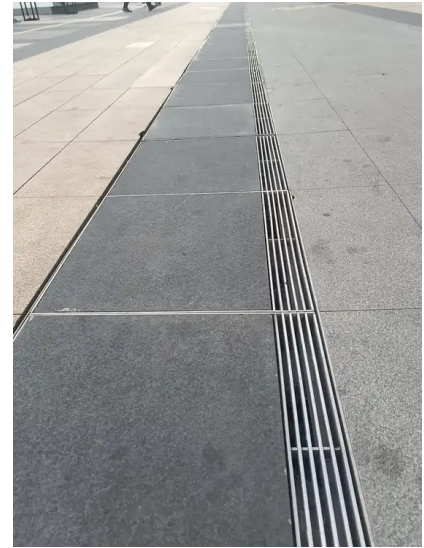


PRODUCT FAMILY DATASHEET

Heel Guard Grating

Narrow-slot grating for places where people walk in heels, wheels or walking aids.



What This Family Is For

Heel guard grating is ordinary drainage grating with the clear opening closed down until a heel tip, a cane ferrule or a small castor cannot drop into it. That single change is what lets a drainage run cross a shopping centre entrance, a hotel forecourt or a station concourse instead of being routed around it. ShengJingYe produces heel guard panels in carbon steel with a hot-dip galvanized coat for exterior paving, and in stainless steel with acid passivation where the run is inside, washed down, or in view.

Products In This Family

Product	Group	Summary
Heel Guard Grating 30x2.5 Paving Slot Run	Heel Guard Grating	Narrow-slot heel guard panels on 30x2.5 bearing bar with 8x2 cross bar, hot-dip galvanized, set flush into stone or concrete paving.
Heel Guard Grating 30x2.5 Framed Panel	Heel Guard Grating	Heel guard panel on 30x2.5 bearing bar with 8x2 cross bar, supplied fully framed and banded as a single drop-in unit, hot-dip galvanized.
Heel Guard Grating 25x6 Stainless Steel	Heel Guard Grating	Stainless steel heel guard panel on 25x6 bearing bar with 6x6 cross bar, acid passivated, for washdown floors and visible interior runs.
Heel Guard Grating 55x5 Stainless Steel	Heel Guard Grating	Heavy stainless heel guard panel on 55x5 bearing bar with an 8 mm round cross bar, acid passivated, where a heel-safe surface also has to take vehicles.

Published Specification

Property	Value
Material	Carbon Steel
Bearing bar	30 x 2.5 mm
Cross bar	8 x 2 mm
Surface treatment	Hot-dip Galvanizing
Structure	Heel Guard Grating
Panel size	Made to your drawing
Place of production	Yantai, Shandong Province, China
Brand	ShengJingYe
Minimum order quantity	Small batch accepted

Property	Value
Load class	TBC, confirmed in writing against your loading
Lead time	Confirmed in writing per order, not published

Figures are reproduced from the manufacturer's published specification and may be revised. Rows reading 'not published' are figures the source specification does not publish; they are confirmed in writing rather than estimated. Confirm the current revision with your quotation.

Why Buyers Choose This Range

- Clear opening closed down without losing the drainage area the run was sized for
- Carbon steel hot-dip galvanized, or stainless steel acid passivated, from the same plant
- Panels cut and framed to the channel, not trimmed on site
- Bearing bar from 25x6 up to 55x5 depending on the load the top has to carry
- Small batches accepted, which matters when a project needs eleven panels and not a container

Problems It Solves

- Standard drainage grating that a stiletto heel, a cane tip or a castor drops into
- Accessibility complaints about a channel that is already installed and paid for
- Grating that looks industrial in an entrance that is not industrial
- Slot runs that rattle under foot traffic because the panel does not sit tight in the frame
- Stainless runs that stain and pit after a few months of washdown because the surface was never passivated

Who It Is For

- Drainage channel manufacturers who need a pedestrian-rated top for their channel
- Main contractors fitting out entrances, concourses and forecourts
- Landscape and hard-paving contractors crossing a walking line with a drainage run
- Food, beverage and pharmaceutical plants that wash their floors down

Application Scenarios

- Entrance thresholds at shopping centres, hotels and office lobbies
- Station concourses, airport kerbsides and pedestrian plazas
- Swimming pool surrounds and spa wet areas in stainless steel
- Food plant washdown aisles where the floor drains along the walking line

Materials

- Carbon steel bearing bar and cross bar
- Zinc coating applied by hot-dip galvanizing

Manufacturing Process

1. Drawing and 3D model
2. Cutting and stamping
3. Pressure welding or press locking
4. Framing and fabrication
5. Surface treatment
6. Inspection and packing

Customisation Options

- Slot width to the accessibility specification your project is assessed on

- Panel length to the paving module
- Locking and hold-down details for public areas
- Stainless steel version where the run is washed or in a finished floor

Certification Standards

Production follows TBC, the source specification publishes no certification marks. Certificates are sent per product on request.

Questions Buyers Ask

What clear opening counts as heel guard?

It depends on the specification the project is working to, so the opening is set against your drawing rather than against a catalogue. Send the channel width and the pedestrian standard you are being assessed on and the bar pitch is drawn to suit.

Carbon steel or stainless steel for an entrance?

Hot-dip galvanized carbon steel is the normal choice outdoors and costs less. Stainless steel with acid passivation is used where the run is washed down, exposed to chlorides, or where the grating is a visible part of a finished floor.

Can you make heel guard panels for a channel we already have?

Yes. That is most of this work. Send the internal channel dimension, the frame type and the panel lengths you want and the panels are made to drop into it.

Do the panels come with the frame?

They can. Banding bar, end plates and hold-down arrangements are fabricated with the panel so the assembly is finished when it arrives.

Is there a minimum order?

The company works on small batch and customized production, so a project quantity is accepted rather than a container minimum.

YanTai ShengJingYe Metal Manufacturing Co., Ltd | Hengyang Road, Yantai Economic and Technological Development Zone, Shandong Province, China | admin@shengjingye.com | www.shengjingye.com