

INDUSTRIAL GRATING & ACCESS SYSTEMS

PRODUCT PORTFOLIO 2026

A concise guide to grating, access, safety and support components.

8-PAGE EDITION

PRINT + DIGITAL

CLIENT OVERVIEW

Full product coverage. One clear interface.

From individual panels to complete access packages - supported by drawings, fabrication and project documentation.



01 STEEL GRATING

Welded, press-locked, swage-locked, close-mesh, serrated and heavy-duty

02 FRP & SAFETY FLOORING

Molded and pultruded FRP, safety grating, anti-slip plank and compound flooring

03 TREADS & TRENCH

Stair treads, trench covers, edge bands, frames, locking and lifting provisions

04 ACCESS SYSTEMS

Platforms, walkways, stairs, ladders, cage ladders, guardrails and safety gates

05 FIXINGS & SUPPORT

Clips, bolts, anchors, brackets, support frames and custom interfaces

06 MATERIALS

Carbon steel, stainless steel, aluminum and FRP with project-specific finishes

ONE SUPPLIER - ONE DRAWING INTERFACE - FEWER SITE GAPS

A surface range for load, drainage, traction and corrosion

Start with application and clear span; then select construction, opening, surface and material.



01 WELDED

General industrial flooring

HDG / SERRATED

02 PRESS-LOCKED

Precise architectural grid

CLOSE MESH

03 SWAGE-LOCKED

Aluminum and stainless options

LIGHTWEIGHT

04 HEAVY-DUTY

Wheel and concentrated loads

FRAME BASED

05 FRP GRATING

Corrosive and non-conductive zones

MOLDED / PULTRUDED

06 SAFETY GRATING

Wet, oily and maintenance routes

ANTI-SLIP PLANK

PLAIN - SERRATED - RESTRICTED OPENING - GRIT TOP - CUSTOM CUT-OUTS

Stair treads, trench covers and heavy-duty systems

The panel, support seat, edge treatment and restraint are treated as one assembly.



STAIR TREADS

- Bar grating or plate surface
- Visible nosing and end plates
- Bolted or welded stringer interface

TRENCH COVERS

- Lift-out, hinged or secured access
- Frames, edge bands and panel joints
- Lifting, locking and anti-theft options

HEAVY-DUTY DESIGN INPUTS

01

WHEEL LOAD

02

CONTACT PATCH

03

CLEAR SPAN

04

FRAME & JOINTS

05

IMPACT / FREQUENCY

DEFINE LOAD + SPAN + SUPPORT + FINISH BEFORE FINAL SIZING

Complete routes for safe movement and maintenance

Flooring, support steel, access geometry and edge protection are coordinated before fabrication.



PLATFORMS

01 Equipment access and working levels

WALKWAYS

02 Process and rooftop circulation

STAIRS

03 Regular-access flights and landings

LADDERS

04 Fixed and cage ladder systems

GUARDRAILS

05 Rails, posts, toe plates and bases

SAFETY GATES

06 Self-closing opening protection

DESIGN THE ROUTE - THEN COORDINATE EVERY INTERFACE

Components that turn products into a complete installation

Small components control bearing, movement, restraint, removability and service life.



FIXINGS & ACCESSORIES

- M, G, J, Z and saddle clips
- Stair, trench and removable-panel fixings
- Bolts, anchors and custom brackets



FRAMES & EDGE BANDS

- Angle, channel and T-section seats
- Panel end bands and cut-out trim
- Concrete and steel support interfaces

MATERIAL & FINISH QUICK GUIDE

CARBON STEEL

HDG / painted

general industrial

STAINLESS

project finish

chemical / coastal

ALUMINUM

mill / anodized

low-mass systems

FRP

resin + grit

corrosive / electrical

Clear inputs. Controlled output. Faster approval.

A concise RFQ and drawing-controlled delivery package reduce uncertainty from quotation to site.



01

APPROVED DRAWING

02

FABRICATION CHECK

03

MARKED PACKING

04

PROJECT DOCUMENTS

SEND WITH YOUR RFQ

- Application and quantity
- Dimensions, clear span and supports
- Load case and operating frequency
- Material, surface and finish
- Sketch, drawing or marked photograph
- Required documents and delivery date



No.: ICR/VC/HM2604206

Product trademarks: n/a

Verification was carried within following scopes:

Information on the Declaration of Conformity:

Result	Legislation:	Standard:
✓	CPE [94/305/2013]	EN 18055-1:2009 EN 18055-2:2010

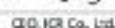
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Test report: LIO20250410-3
Tests conducted by: Anping County Shuangyi Metal Mesh CO., LTD.

Issue date: 18.04.2026
Expiration date: 15.04.2031

Remarks:

- WEC was based on voluntary basis and does not imply meeting all essential requirements listed in Declaration of Conformity.
- The jewelry ring this product on European market may be needed CE(RH) type certification, concluded by a competent notified body.



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QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate No. 79025013076 11605

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use been established and the quality management system meeting the requirements of standards

GB/T 19001-2016/ISO 9001:2015

The certificate is valid to the following years:

Production of steel grating

0958-2746/01/0100-0000\$10.00/0

Date of Issue: 20-11-2025

Date of Posting: 15.11.2019

Agreement on the Treaty of 1948	Agreement on the Treaty of 1948	Agreement on the Treaty of 1948
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The authors declare no potential conflict of interest with respect to this work.

© 2006 Blackwell Publishing Ltd, *Journal of Internal Medicine* 260: 455–462



The author gratefully acknowledges the support of the National Natural Science Foundation of China (Grant No. 81273055) and the National Natural Science Foundation of China (Grant No. 81273055).

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