

Rolling Mill Straightening Plate Grid

Product Overview

The Rolling Mill Straightening Plate Grid is a critical mechanical component used in bar and wire rod rolling mills. It is designed to stabilize hot rolled material, control bar movement, and improve straightness during conveying and processing stages.

Application Areas

- Bar rolling mills
- Wire rod mills
- Straightening and guiding sections
- High-temperature material conveying zones

Design & Structural Features

The straightening plate features a precision zigzag surface profile that provides effective contact and guidance for hot bars. Its robust cross-section ensures high load-bearing capacity and long service life under severe rolling conditions.

Material & Manufacturing

Manufactured from high-grade wear-resistant cast steel or alloy steel, the plate undergoes controlled casting, heat treatment, and final machining to ensure dimensional accuracy and consistent mechanical performance.

OEM Replacement Capability

This component is produced strictly according to original drawings and technical requirements, making it fully interchangeable with OEM straightening plates supplied for Danieli and other major rolling mill equipment.

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