

Ball Mill Grate Plates & Discharge Liners

Product datasheet - grinding media and wear parts

The grate plate is the last wear part the slurry touches before it leaves the mill, and it sets the product top size. Too wide a slot and coarse particles report to the cyclone; too narrow and the mill floods. Grindium casts grate plates with the slot width you specify, in high chrome Cr26 where abrasion is the main wear mechanism.

Grates are supplied with the discharge end liner and the pulp lifter as a matched set, so the slot opening and the lifter height work together.



Specifications

Item	Range
Slot width	6, 8, 10, 12, 15, 20 mm (custom on request)
Plate thickness	40-100 mm
Material	High chrome Cr26 / Cr-Mo / Mn13Cr2
Hardness	HRC 58-62 (Cr26)
Single weight	40-500 kg
Open area	Set to your circulating load

Typical applications

Slot width has opened by more than 20% against the drawing; Product P80 has coarsened without a change in feed; Visible cracking between slots, or a plate has dropped; Pulp lifter wear has exposed the bolt heads.

Ordering notes

Minimum order, lead time and packing are confirmed against the size mix or drawing in your enquiry. Each shipment carries a test report with chemistry, hardness, impact value and breakage rate for the heat. Payment terms: T/T with 30% deposit, or irrevocable L/C at sight. Shipping: FOB Qingdao, CIF or DAP.

Ordering and technical support

Send the mill type, media size or liner drawing, quantity and destination port. We reply with a quotation, packing plan and lead time within 12 hours.

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Product page: <https://grindium.com/products/mill-liner/grate-plates/>

