

Rod Mill Liners - Shell & End

Product datasheet - grinding media and wear parts

Rod mills grind with a charge of steel rods instead of balls, and the rods lie parallel to the mill axis. That changes the liner job: the wave profile has to lift the rod charge without trapping rods, and the end liners take a concentrated load where the rods bear on the head.

Grindium casts rod mill shell liners in wave or step profile, plus feed and discharge end liners and trunnion liners, in Mn13Cr2 or Cr-Mo steel. Plates are matched in height across the set so the rods do not ride on a single high plate.



Specifications

Item	Range
Mill diameter	1.5-4.5 m
Plate thickness	40-100 mm
Profile	Wave, step or smooth
Material	Mn13Cr2 / Cr-Mo / high chrome
Hardness	HB 180-380 depending on grade
Single weight	60-900 kg

Typical applications

Wave height set to the rod diameter so rods roll instead of sliding; End liner thickness increased where the rod ends bear on the head; Plate joints staggered to avoid a continuous wear groove; Trunnion liner matched to the trunnion diameter with a controlled clearance.

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.

SHANDONG GRINDIUM CO., LTD.

+86-155-0650-6266 | sales@grindium.com | www.grindium.com

8th Floor, Building 1, Mengda Industrial Park, Aosen Road, Liaocheng, Shandong, China

Product page: <https://grindium.com/products/mill-liner/rod-mill-liners/>

