

polgrind® slide ring grinding for shell-supported ball mills



Damage to a mill slide ring



To true up slide rings

Slide rings for shell-supported ball mills are exposed to extreme forces on an ongoing basis. Due to irregularities in mill operation, the surfaces of these components are therefore damaged over the course of time. This leads to unevenness and damage to the machines. Our mobile polgrind® machining service ensures that the surfaces are returned to a pristine condition. This means that your mill can once again run smoothly.

The centrepiece of our service is the systematic grinding process: slide rings are carefully machined using grinding belts with different grit sizes.

This allows us to eliminate all unevenness, damage and roughness. The result is impressive: the surfaces are returned to a first-class condition.

To ensure optimum quality, the roundness of the slide rings is measured, documented and evaluated before and after grinding. The slide ring lift values and the oil temperature are also documented.

So, to avoid any unnecessary downtime when performing the grinding work, it is recommended to carry out a preliminary inspection before the work is carried out.

polgrind® is available to customers worldwide. Universal electrical devices ensure compatibility around the globe.

Your service advantages

- Effective elimination of defects and surface damage to slide rings
- Documentation of the process by an electronic roundness measuring device
- Can be used worldwide
- Significantly increases the service life of slide rings and ball mill bearings