Crushing, milling and wear parts

Specifications and information for your enquiry

SBCCO-China supplies crushers, mills, conveying equipment and replacement wear parts from China. The scope includes jaw, cone and gyratory crushing, ball and SAG milling, liners, gears, mill heads, trunnions and ceramic or composite wear protection. Selection starts with the feed, duty and interfaces of the machine that the equipment must serve.

Gyratory crusher selection range	About 1,500–7,500 t/h in the current supply presentation; output is model- and duty-dependent.
Jaw crusher selection range	About 60–1,500 t/h in the supply presentation; feed properties and required product must be checked.
Manganese wear alloys	Mn13, Mn13Cr2, Mn18, Mn18Cr2 and Mn21Cr2 appear in the wear-parts material range.
White iron and composites	Cr20 / Cr25 white iron, martensitic-ceramic and high-chromium-ceramic options are listed; suitability is application-specific.
Replacement geometry	Drawing-controlled seats, bores, bolt circles and interfaces; the part number alone is not a fit certificate.

Selection basis

Describe feed size, abrasiveness, hardness, moisture, throughput and the required product before comparing crushing options. For liners, include the failure pattern and the current operating practice: breakage, uneven wear and loose seating lead to different investigations. For a gear or trunnion, preserve the original drawing references and identify mating components. A material substitution should be assessed together with heat treatment and acceptance testing, rather than selected from hardness alone.

Documented project references

1,580 kg trunnion liner for a Chilean ball mill

The 2025 shipment packing list for the Molino Bola 18A replacement records one trunnion liner, 1,580 kg net, in a 1,700 kg gross package. The shipping package measures 172 × 172 × 155 cm. The reference demonstrates a documented replacement-part shipment; it does not state an operating-life result or confirm interchangeability with a different mill.

1,893 kg mill girth gear for Chuquicamata

SBC’s packing record for a Marcy mill girth gear identifies the destination as Codelco Chuquicamata through Wiedco. It records one gear at 1,893 kg net and 1,910 kg gross, packed at 2,900 × 1,470 × 700 mm. These are shipment figures. Gear accuracy, tooth geometry, material and heat treatment for any replacement must be established from that replacement’s approved drawings and acceptance requirements.

Send these conditions with your drawing

Machine make and model, part description, drawing revision, dimensions or a sample, required quantity, present material, feed and operating conditions, wear photographs and installation interfaces.

Include quantity, required site date, destination, drawing revision and the inspection documents you need. A preliminary enquiry can identify values still to be confirmed. Manufacturing follows the agreed final specification.

Contact and enquiry

Send your service conditions online

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Supply ranges and project examples are selection references. Confirm the applicable construction, standards, rating and inspection requirements for the new duty. This guide does not offer stock, fixed delivery dates or an equipment performance guarantee.