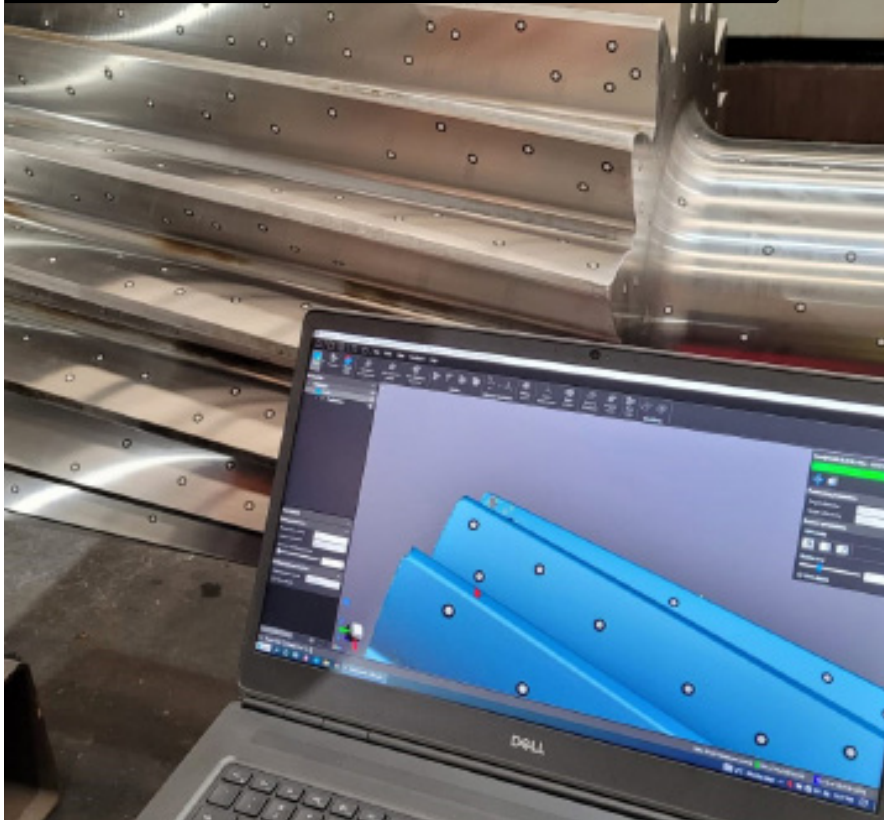


Metso

Parts and components for non-Metso grinding mills

Contender™ Series grinding mill parts



Ask about our range of parts and custom retrofit grinding solutions.

For improved reliability and quality, backed by our flexible solutions and the support of our technical experts.

Is the OEM of your equipment slow to respond to standard requests or in an emergency situation? Are they no longer in business or struggle to provide quality parts that meet your specific needs?

Whatever the issue may be, you might consider finding a partner who can better support your operations.

The Metso solution

Customized, fit-for-purpose components that aim to improve the reliability of your machine. From a supplier to a full service partner, Metso is here to support you. Our engineers can design heads, shells, gears and pinions, main bearings, and trunnions and liners.

How it works

Our experts collect all critical information of your mill and take measurements using conventional tools. Next, Metso engineers use scanning technology and point cloud models to design the parts according to Metso standards. Design improvements or material alternatives are recommended where applicable to enhance reliability and quality. Parts are then supplied to our field service personnel available for commissioning.

Why partner with Metso?

Metso has a proven history of designing, manufacturing and servicing grinding mills and components. Our extensive range of global expertise allows us to be a flexible service partner. We can fulfill standard and customized parts orders, and support you

during a breakdown. Our global network of over 1500 field service experts are available 24/7 for planned and emergency repairs, inspections, and installation.

Some of the brands we can support:

- Thyssenkrupp/Polysius
- FLSmidth
- Farnell Thompson
- Fives
- CITIC
- Osborne
- KHD Humboldt Wedag
- NHI
- ANI
- Aerofall

[Read more at metso.com](https://www.metso.com)

Benefits

- Improved reliability: Fit-for-purpose parts made to correct OEM design flaws
- Enhanced quality: Use of better material when applicable and held to strict standards and tolerances
- Financial solutions: Long-term amortization of CAPEX, bundled packages and flexible terms to reflect your business goals

Discover your options for

Contender™ Series grinding mill parts and components

From parts supplier to full-service partner, Metso can support you - no matter the brand of your grinding mill.



Heads

Material: cast ductile iron or cast steel

Design standard: Metso FEA

Segments: one, two, three, or four

Type: feed/discharge, fixed/floating, integral with the trunnion



Trunnions

Material: cast ductile iron

Design standard: Metso FEA

Type: feed/discharge, fixed/floating



Gears and pinions

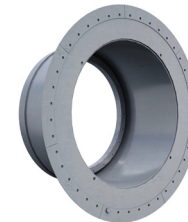
Material: cast ductile iron, cast steel, fabricated steel

Design standard: AGMA 6014 for open gearing

Section structure: T or Y design

Segments: two-piece or four-piece gears

Upgrade options: drop-in pinion assembly, gear guard and components, gear spray infrared monitor system



Trunnion Liners

Material: cast iron or fabricated steel

Wear material: vulcanized rubber lined or lifter and plate style replaceable bolt in

Type: feed or discharge



Shells

Material: fabricated steel (welded)

Design standard: Metso FEA

Sections: integral, two or three cans

Segments: one, two or three piece



Main bearings

Material: fabricated steel (welded)

Design standard: Metso FEA

Upgrade options: bearing insert (bronze, babbitt), seals, temperature monitoring systems, lubrication unit

Type: hydrostatic/hydrodynamic (sleeve/pad), roller bearing, fixed/floating

More for your grinding mill:

- **Inspections:** From quick visual and vitals to detailed custom inspections for your mill and key components
- **Repairs:** With a team of over 1500 global field service experts, we can carry out planned repairs and are very responsive in emergency situations
- **Life Cycle Services:** Custom service packages focusing on parts supply and inventory, maintenance, process optimization and more
- **Retrofits and upgrades:** Your existing assets have the potential to take on significant improvements. Our team of experts can support you throughout, from identifying retrofit options to implementation