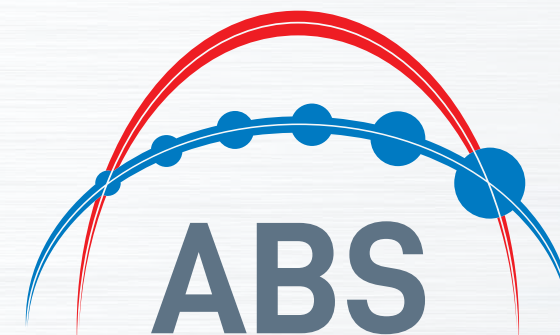


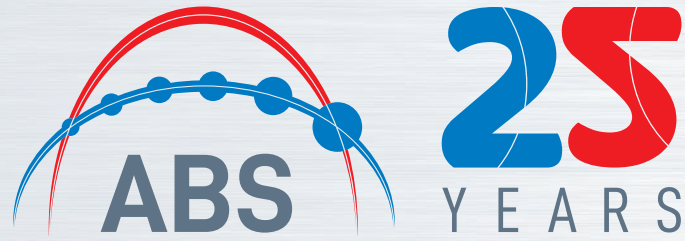
# MILL ROLLS

*for the Steel Industry*

[atlantic-bearing.com](http://atlantic-bearing.com)

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El Salvador - Guatemala - Honduras - Italy - Mexico - Nicaragua - Panama - Peru - Spain - USA*



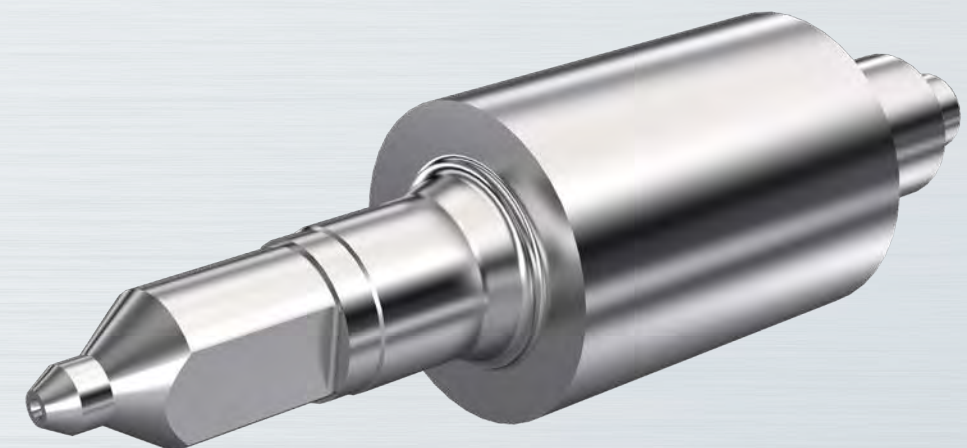


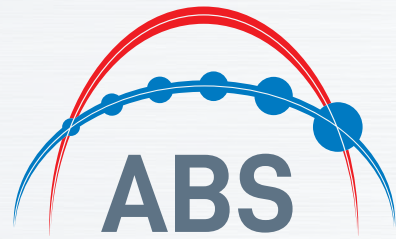
# MILL ROLLS

*for the Steel Industry*

**We provide various grades of rolls manufactured to meet specific operational requirements. ABS controls and documents all key processes, from design and raw material selection to forging, heat treatment, and grinding, to ensure that the products meet the required quality and safety standards. Additionally, we conduct further inspections in our main QC Laboratory before the final shipment.**

Our QC protocol adheres to the ISO 9001:2000 standard. Throughout this comprehensive quality control process, we employ cutting-edge equipment and protocols ensuring that each mill roll is traceable and accountable throughout its life cycle. This critical phase marks the conclusion of the design and manufacturing cycle, followed by our aftermarket support service.





# MILL ROLLS *Materials*

## Pearlitic Nodular Rolls

50-75 HSC

Ideal for roughing stands of hot strip mills, they offer good wear resistance, strength, and toughness.

## Indefinite Chilled Rolls

55-80 HSC

Suitable for finishing stands of rod and wire mills, these rolls provide excellent surface finish and wear resistance.

## Acicular Rolls

55-80 HSC

With high wear resistance and toughness, they are used in the roughing stands of large section mills and hot strip mills.

## Adamite Rolls

40-60 HSC

These rolls have good wear resistance and are used in roughing stands of section mills, bar and rod mills.

## Forged Rolls

50-95 HSC

Characterized by high strength and toughness, these rolls are used in heavy plate mills and hot strip mills.

## Alloy Steel Rolls

40-60 HSC

Known for their hardness and wear resistance, they are suitable for the roughing and intermediate stands of heavy section mills and bar mills.

## High-Speed Steel Rolls

70-90 HSC

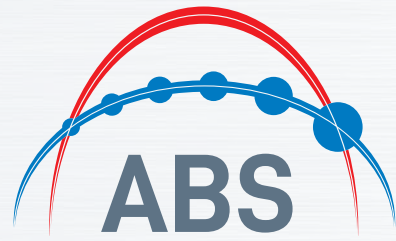
Offering excellent wear resistance at high temperatures, they are used in the finishing stands of hot strip mills.

## Static Casting

Produces rolls with uniform microstructures throughout. This method is suitable for materials that require consistent properties across the roll body, enhancing wear resistance and strength uniformly.

## Centrifugal Casting

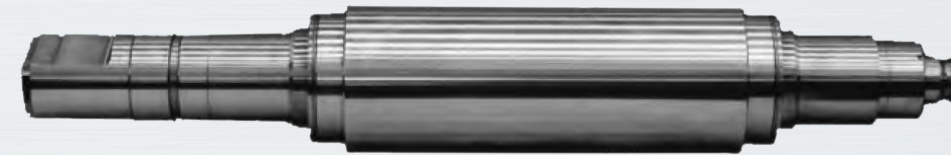
Results in rolls with a dense, fine-grained outer surface and a tougher, more malleable core. This method is ideal for producing rolls that require high wear resistance on the surface while maintaining good toughness internally, optimizing performance for specific rolling mill applications.



# MILL ROLLS *for the Steel Industry*



Roughing Roll for Hot Strip Mill



High Speed Steel Work Roll for Hot Strip Mill Finishing Stand



Roughing Work Roll For Hot Strip Mill



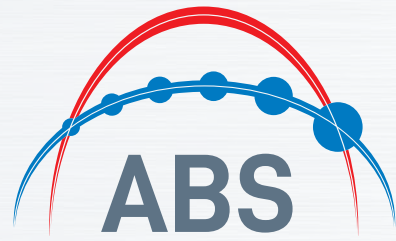
Work Roll for Hot Strip Mill Late Finishing Stand



Back-up Roll for Cold & Hot Mills



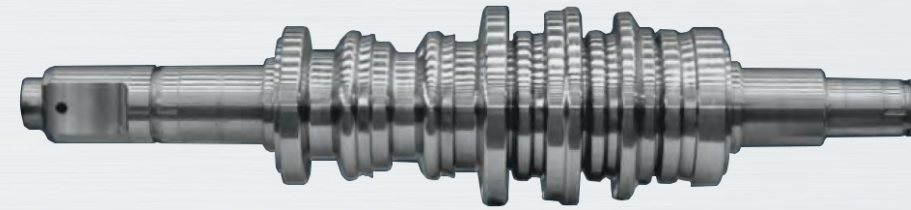
Back-up Roll for Cold & Hot Tempering Mills



# MILL ROLLS *for the Steel Industry*



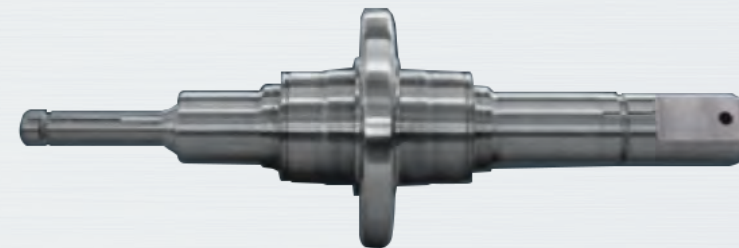
Work Roll for Sendzimir Mill



Break-down Roll for Section Mill



Work Roll for Non-ferrous Cold Mill



Sleeve Assembled Roll for Universal Section Mill

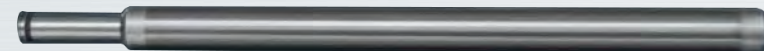
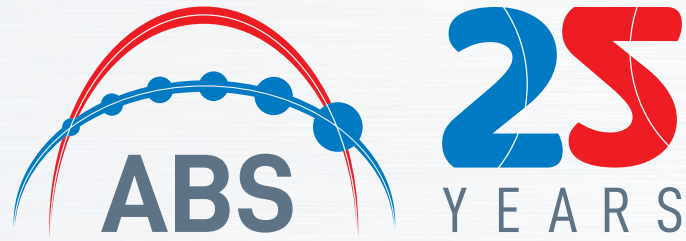


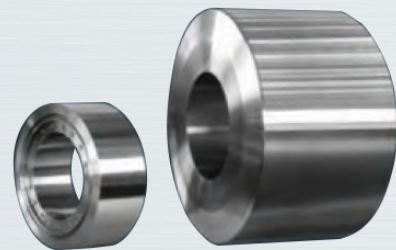
Table Roller



Edger Roll for Section Mill



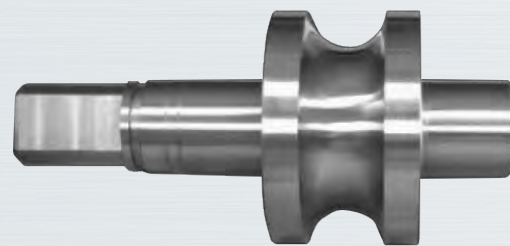
# MILL ROLLS *for the Steel Industry*



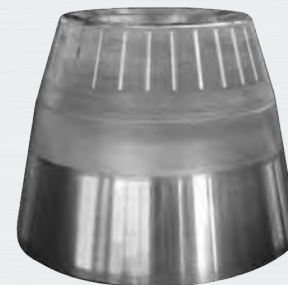
Rings for Universal Section Mill



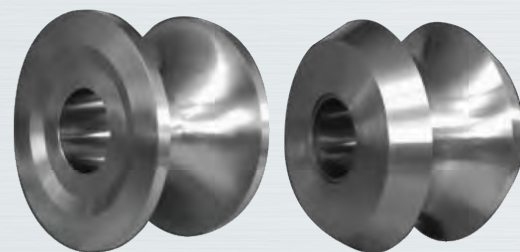
Straightener Roll for Section Mill



Rolls for Seamless Tube Mill



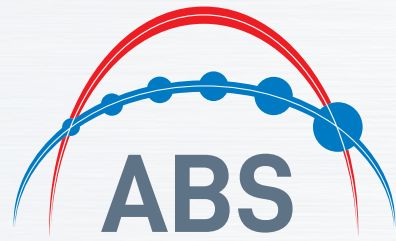
Piercer Roll for Seamless Tube Mill



Sizing and Reducer Roll for Seamless Tube Mill



Forming Roll for Welding Tube Mill



# MILL ROLLS *for the Steel Industry*



Cold Mill Work Roll



Cold Mill Work Roll



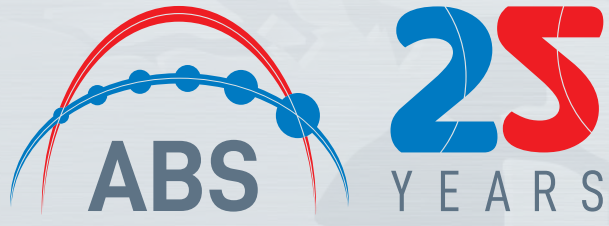
Non-ferrous Hot Mill Roll



Cold Mill Intermediate Roll



Work Roll for Hot & Cold Tempering Mill



15 countries

4 continents

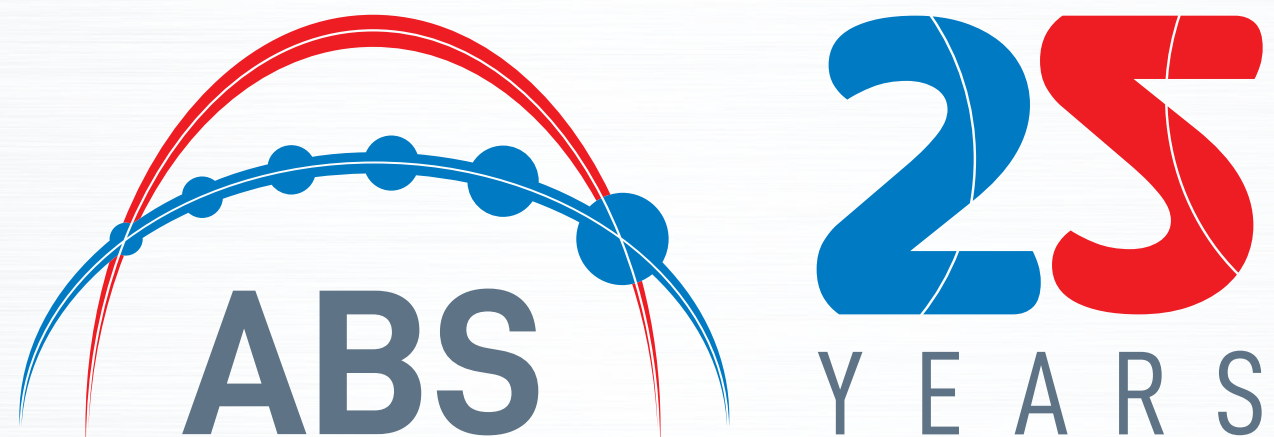
1000+ clients

3000+ projects



- 1** Miami, USA *Headquarters*
- 2** Texas, USA *Repair Center & Office*
- 3** Puebla, MEXICO *Repair Center & Office*
- 4** Oaxaca, MEXICO *Repair Center & Office*
- 5** Natal, BRAZIL *Repair Center & Office*
- 6** Cartago, COSTA RICA *Repair Center & Office*
- 7** Pamplona, SPAIN *Office & Warehouse*
- 8** Dalian, CHINA *Repair Center & Factory & Office*
- 9** Milan, ITALY *Repair Center & Factory & Office*
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- 12** CHILE *Office*
- 13** GUATEMALA *Office*
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## **A World in Motion.**

*Argentina - Bolivia - Brazil - Chile - China - Colombia - Costa Rica - Dominican Republic - Ecuador  
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