



GERDAU
Shape the future

Gerda Special Steel North America

For over 120 years, Gerdau has been a leading steel producer across the Americas. Gerdau planted its roots in 1901 as a nail factory in Porto Alegre, Brazil. Gerdau supplies the steel needed to build the bridges to our loved ones, assemble the cars that move us around, and even build playgrounds for our youth! We were there yesterday, are here today, and will be shaping the future tomorrow.

Global Gerda

29 units of steel production

7 countries of Gerda industrial presence

+30K employees worldwide

11M tons of scrap steel in global operations

2 Stock Exchanges - traded in São Paulo & New York

Operations in North America

Gerda Special Steel



2 mills, 2 downstream processing facilities in the U.S.



Engineered SBQ bars & specialized products, such as steering racks

Gerda Long Steel

9 mills: 3 in Canada; 6 in the U.S.

Structural steel, piling, rebar, merchant bar, & SBQ products

Gerda Corsa

3 mills, 2 distribution centers in Mexico

Structural Steel, rebar, merchant bar

Gerda Special Steel Locations & Capabilities

Monroe Mill, MI



Steel Mill

Fort Smith, AR



Steel Mill

Huntington, IN



Downstream Facility

Jackson, MI



Downstream Facility

- Diameters: 0.625" - 3.500" *
- Heat size: 100 tons
- Finishing Capabilities:
 - Heat treat
 - Inspection
 - Turning

*Inquire for additional rolled sizes and semi-finished rounds.

- Diameters: 1.313" - 6.000"
- Heat size: 55 tons hot-rolled, 50 tons Macplus
- Finishing Capabilities:
 - Heat treat
 - Inspection
 - Turning

- Finishing Capabilities:
- Induction quench and temper
 - Mult cutting/ chamfer
 - Stress Relieve
 - Turning
 - Grinding

- Finishing Capabilities:
- Heat treat
 - Inspection
 - Turning
 - Mult cutting
 - Mill chamfer

Gerda's Clean Steels Brand



Your search for high-performing, quality SBQ ends with Performa™ - premium steel carefully processed to improve the fatigue life and meet the properties of the most critical automotive applications.

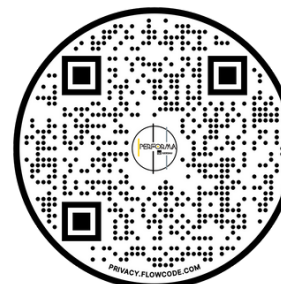
Made with **quality**.
Sustained by **performance**.

Gerda Special Steel is the largest SBQ supplier in the U.S. automotive industry.

The Four Pillars of Performa™

Behind every Performa product is:

1. The Process
2. The Testing
3. The Investment
4. The Team



Scan the QR code to learn more!



Certified



Gerda Special Steel and Gerda Long Steel North America are proud to be B. Corp certified.

Corporation

Product Specifications

Hot Rolled Bars

Total Decarburization	1% of Bar Diameter
Defect Depth	MFLT Verification to 0.012"
Size Tolerance	ASTM A-29
Macro ASTM E381	SI - RI - C2
Micro ASTM E45	A295, A485, A534, and A866
Precision Hot Rolled Bars	As above + Size Tolerance of 50% ASTM A-29

Macprime® Precision Cut Blanks

Length Tolerance	As low as +/- 0.005"
Gram Weight Tolerance	As low as +/- 2 grams
Perpendicularity Tolerance	As low as 0.006"
TIR Tolerance	As low as 0.003"
Center Drill	Available
Precision Chamfer	Available
Additional Processes	Inquire

Macplus® Cold Finished Bars

Surface Finish	25 microinches; Ra max
Total Decarburization	None
Defect Depth	None
Surface Appearance	Clean, Shiny
Residual Stress Warp Factor	-0.020" to -0.030"

Grades

- ASTM
- AISI
- SAE
- AMS
- API
- International: ISO, DIN, JIS, EN, AFNOR
- Bearing, aircraft, and gun barrel quality
- 52100

Certifications

- IATF 16949
- ISO 9001
- ISO 14001
- PED (Pressure Equipment Directive)

In-House Value Added Processes

- Magnetic Flux Leakage Surface Inspection
- Automatic Ultrasonic Internal Core Inspection
- Automatic Ultrasonic Subsurface Shear-Wave Inspection
- Machine Straightening
- Circograph Cold Finished Bar Surface Inspection
- Bundle Cut

In-House Heat Treatments

- Cold Shear Anneal
- Stress Relieve
- Normalize
- Lamellar Pearlite Anneal
- Spheroidize Anneal
- Quench and Temper
- Custom Cycles



Scan the QR code to learn more about GSN and its product offerings.