

BS SHAKTI STEEL PVT. LTD

2025-26

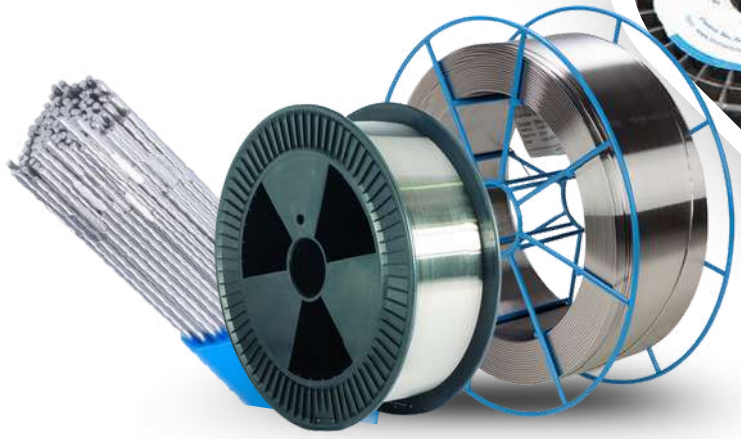
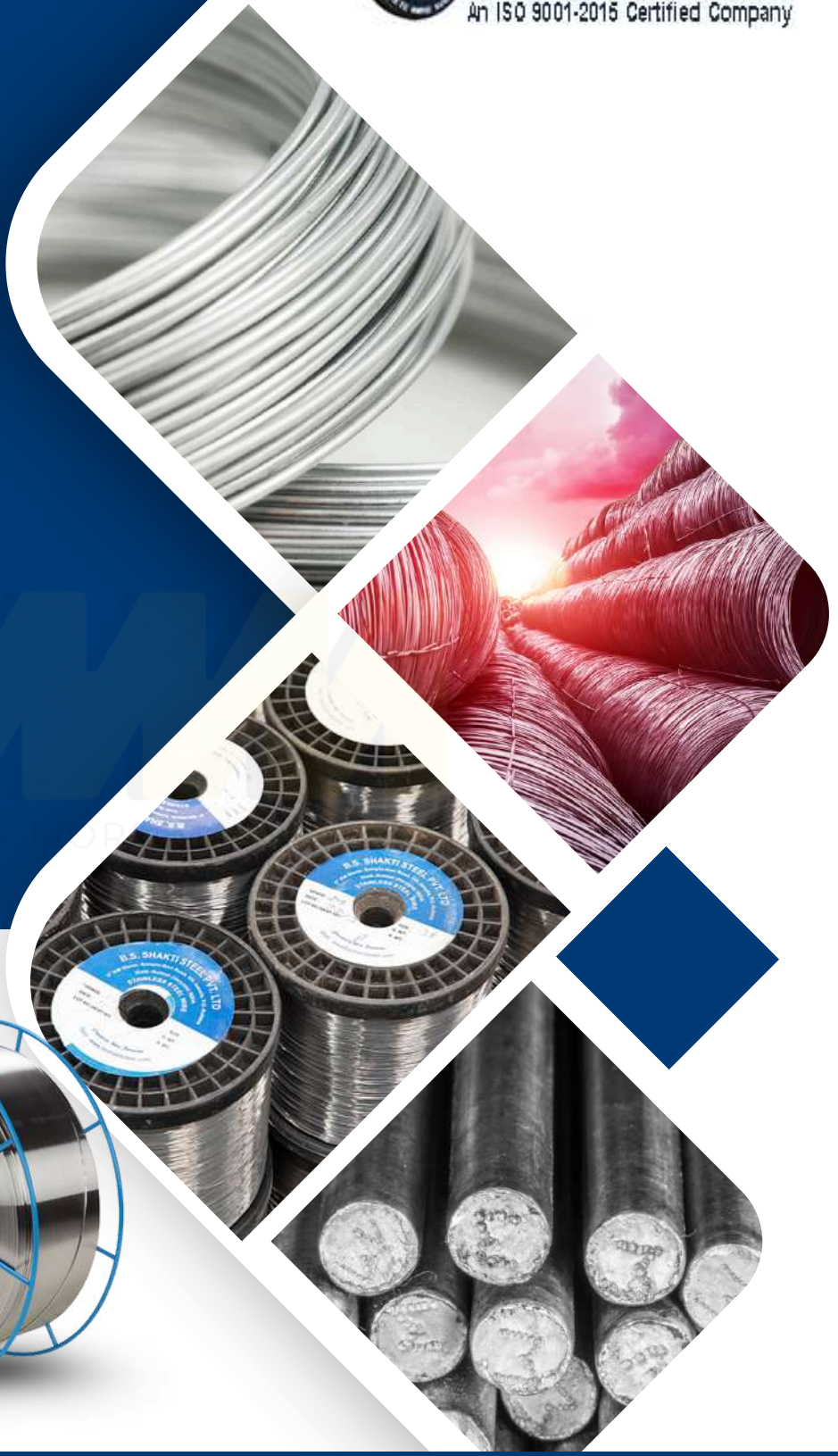


**BS SHAKTI STEEL  
PVT. LTD.**

An ISO 9001:2015 Certified Company

# COMPANY PROFILE

Strength You Can Trust —  
Solutions That Last



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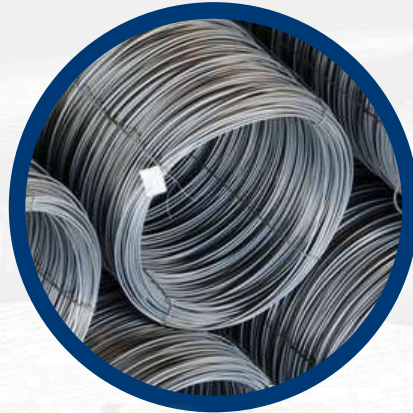


# BS Shakti Steel Product Catalogue

Stainless Steel Wires | Wire Rods | Bright Bars



**Stainless Steel Wires**



**Wire Rods**



**Bright Bars**



Durable



Low  
Lifecycle  
Cost



Superior  
Corrosion  
Resistance



Sustainable  
Choice

# Chairman's Message

## Mr. Brij Bhushan Bansal Chairman Emeritus

At **B.S. Shakti Steel**, our journey began with a simple vision – to build a brand that stands for quality, precision, and integrity in the stainless steel industry. From a backward integration initiative to a trusted name in both domestic and international markets, our growth is a testament to the unwavering commitment of our people and the trust of our clients.

Each wire we draw and every bar we polish is a reflection of our dedication to engineering excellence. We believe in constant innovation, investment in advanced technology, and most importantly, in creating lasting value for our customers.

As we continue to expand our global footprint, our focus remains rooted in building strong relationships, maintaining uncompromising quality standards, and contributing meaningfully to the industries we serve.

**Strength** isn't just in steel.  
It's in the values that forge it.

# BS SHAKTI STEEL

# Leadership Team

## Mr. Sushil Bansal

### Director – Operations & Technology

The operational backbone of the company, Mr. Sushil Bansal is the driving force behind manufacturing efficiency and technological advancement. With a deep understanding of production processes and plant management, he ensures that the company's infrastructure stays at the forefront of modern steelmaking. His hands-on leadership guarantees consistent quality and process innovation.

## Mr. Ritesh Bansal

### Director – Finance & Commercial Strategy

With a sharp focus on financial prudence and commercial scalability, Mr. Ritesh Bansal oversees the company's fiscal health and strategic expansion. His keen understanding of market dynamics, international trade, and sustainable growth practices positions B.S. Shakti Steel for long-term resilience and profitability. He also plays a key role in client relations and contract negotiations across global markets.

## Mr. Sahil Bansal

### Director – Innovation & Market Expansion

A new-age thinker and the youngest member of the leadership, Mr. Sahil Bansal brings fresh energy, global perspectives, and a passion for innovation. With a forward-looking vision, he leads initiatives in product diversification, brand building, and new market development – ensuring the company remains relevant and competitive in a rapidly evolving industrial landscape.



# About Us

**B.S. Shakti Steel Pvt. Ltd.**, established in 2011, is a quality-driven manufacturer specializing in **stainless steel wires and bright bars**. Originally founded as a backward integration initiative for its parent company, Suzu Steel India, we quickly identified immense market potential and have since evolved into a trusted supplier in both domestic and international markets.

Our manufacturing facility is strategically located in **Rohtak, Haryana**, and is equipped with state-of-the-art machinery and infrastructure, including:

- Continuous Straight Line Wire Drawing Machines (with in-line cleaning)
- Wet Drawing Machines
- Strand Annealing Furnaces
- Bright Annealing Setups
- Solution Annealing and General Annealing Furnaces
- Fully-equipped In-house Testing Laboratories

We are an **ISO 9001:2015 certified organization**, certified by **TÜV SÜD South Asia**, and remain committed to delivering excellence in manufacturing, product quality, and customer service.

## Our Vision

To become a globally respected name in stainless steel wire manufacturing by upholding innovation, integrity, and reliability.

## Our Mission

To deliver precision-engineered stainless steel wire and bar products that meet global quality benchmarks and power industries around the world.



✓ Outstanding  
**Quality**



✓ Unmatched  
**Infrastructure**



✓ Dedicated  
**Workforce**



✓ On Time  
**Delivery**

# Product Range

## Stainless Steel Wires


Parameter	Details
Size Range	0.08 mm to 16.00 mm
Types	MIG & TIG Welding Wires, Cold Heading Wires, Spring Wires, Nail Wires, Braiding & Conveyor Belt Wires, Fine, Medium, and Thick Wires, Electro polish wire, Rope wire, Tie wire, Staple Pin wire, Conveyor Belt wire.
Finishes	Bright Drawn, Bright Shiny, Matt Drawn, Coated
Tempers	Soft, 1/8 Hard, 1/4 Hard (Suitable for Electro polish Quality), 1/2 Hard, 3/4 Hard, Full Hard with coated and de-coated condition.
Standards	ASTM / EN (DIN) / JIS / NACE / AWS / GOST etc. as per customer requirement.
Grades	201, 202, 204 Cu, 302, 304, 304 Cu, 304L, 304H, 304 HC, 310, 310S, 312, 314, 316 LN, 316 Ti, 321, 410, 430, 430L etc.
Electrode Grades	ER 304, ER 304L, ER 307 Si, ER 308L, ER 308 Lsi, ER 316, ER 316 Lsi, ER 309, ER 430 etc.



# Product Range

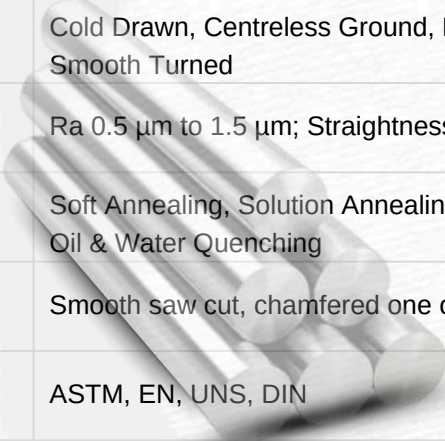
## Stainless Steel Wire Rods (Rounded)

Parameter	Details
Grades	303, 304, 304L, 307Si, 308Lsi, 316Lsi, 302Chq, 204Cu, 304Cu, 316, 316L, 410, 416, 420, 430F, 430L
Size Range	5.5 mm to 16 mm
Tolerance	As per EN 10060
Coil Weight	1000–1500 kg
Packing	HDPE Wrapped Coils
Heat Treatment	Solution Annealing (Austenitic Grades), Normal Annealing (Martensitic Grades)
Surface Treatment	Hot Rolled, Hot Rolled Annealed and Pickled, Hot Rolled Pickled (with or without coating)



## Stainless Steel Bright Bars

Parameter	Details
Size Range	5.50 mm to 32 mm
Supply Condition	Cold Drawn, Centreless Ground, Peeled & Polished; Rough Peeled or Smooth Turned
Surface Finish	Ra 0.5 $\mu$ m to 1.5 $\mu$ m; Straightness from 0.5 mm/m to 1 mm/m
Heat Treatment	Soft Annealing, Solution Annealing, Normalizing, Hardening & Tempering, Oil & Water Quenching
Bars End Finish	Smooth saw cut, chamfered one or both ends at 45°
Specifications	ASTM, EN, UNS, DIN
Grades	201, 202, 301, 302, 303, 304, 304L, 309, 310, 316, 316L, 316Ti, 321, 347, 430
Tolerance	h8, h9, h11, k11, k12, k13; DIN 1013, EN10060



# MANUFACTURING EQUIPMENT

*Our manufacturing process follows a seamless flow — starting from wire drawing and annealing to precision spooling, coiling, or bar finishing — all executed with advanced equipment and controlled environments.*

## Wire Drawing Machine

Reduces the cross-sectional area of stainless steel wire by drawing it through a series of dies, enhancing mechanical properties and ensuring precise dimensions.



## Multi-Block Wire Drawing Machine

A series of capstans that progressively reduce wire diameter in multiple stages, while maintaining uniform tensile strength.



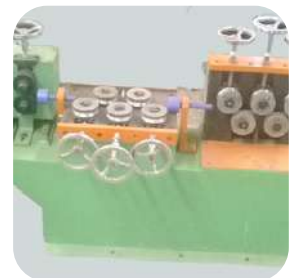
## Heavy Duty Wire Drawing Line

Engineered for thicker stainless steel wires, this line ensures precise dimensional control and excellent surface finish during continuous production.



## Pre-straightening and Wire Feeding Unit

Straightens wire rods and feeds them accurately into the drawing line, improving alignment and consistency in bright bar production.



## Bright Annealing Furnace

A heat-treatment line operating under a controlled atmosphere to relieve stress and deliver a bright, oxide-free surface finish.



*We transform raw materials into high-performance stainless steel wires and bars through a controlled process of drawing, annealing, and surface finishing — ensuring strength, consistency, and form.*

## Wire Spooling and Take-up Machine

Smoothly rewinds fine and medium wires onto reels after drawing or annealing, ensuring organized output for further use.



## Wire Rewinding Machine

Prepares smaller coils or bobbins by rewinding drawn wire, optimizing handling and process flow efficiency.



## Wire Coiling Machine

Heavy-duty machine designed for coiling drawn wires onto carriers or drums, ensuring safe storage and streamlined handling.



## Euro Coil Packing Machine

A specialized piece of equipment used to coil, wrap, and pack stainless steel wire in the Euro Coil format, a standardized packing style widely accepted in the European market.



## Solution Annealing and Pickling Furnace

The Solution Annealing and Pickling Furnace for stainless steel wire rod is a critical part of the production process that ensures the mechanical properties, corrosion resistance, and surface finish of the wire meet industrial standards.



MANUFACTURING EQUIPMENT

## Metallurgical Microscope with Image Analyzer

Used for detailed microstructural examination of wire samples. It helps evaluate grain structure, phase distribution, and overall internal quality to ensure material consistency.



## Universal Testing Machine (UTM)

Performs mechanical tests such as tensile strength, yield point, and elongation. This ensures the wire or bar meets the required engineering standards and mechanical specifications.



## Double Disc Polishing Machine

Prepares metallographic samples by polishing them to a mirror finish. This is essential for accurate microscopic inspection and defect detection.



## Spectrometer (SPECTRO M01)

A highly precise instrument for analyzing the chemical composition of stainless steel. It ensures alloy elements are within defined limits as per international standards (ASTM, EN, UNS).



## Upset Test Machine

Used to test the ductility and cold forming properties of wire by compressing a wire sample until it deforms or fractures. This test simulates real-world forming operations and ensures the material's reliability in fastener and bolt manufacturing applications.



## Wire Packaging and Bundling Station

Final packaging zone where drawn wires are carefully bundled, wrapped, and prepared for dispatch as per client specifications.



## Wire Coils – HDPE Poly Wrapping

Finished wire coils are securely wrapped in protective HDPE film to preserve surface finish and prevent contamination.

- Coil Weight: Continuous coil packing (50 – 800 kg)
- Options: With or without metal carrier
- Packing Style: Core-packed with pallet, cheese-wound, or Euro coil formats



## Spool Packing for Fine Wires (Soft and Hard)

Fine wires are precision-wound onto a variety of spools to meet customer requirements.

- Available Spool Sizes: DIN 80, DIN 100, DIN 160, DIN 200, DIN 250, DIN 355, DIN 560 (Wooden/Metal), DIN 760 (Wooden/Metal)

Drum Packing / Bulk Packing for wire in diameter 0.80 mm – 1.60 mm

MIG and TIG Wire Packing

- TIG Wire: Packed in 5 kg (10 lbs) plastic tubes
- MIG Wire: Precision layer wound on
  - Plastic Spools (D-300)
  - Metal Spools (BS/K 300) in 12.5 kg and 15 kg capacities



## Wire Coil Storage (Shrink Wrapped)

Final wire coils are shrink-wrapped for secure storage, ensuring protection during internal handling, transportation, and long-term warehousing.



# Applications

Industry Segment	Applications	Wire Type	Size Range
<b>Fasteners &amp; Fixings</b>	Screws, bolts, nuts, rivets	Cold Heading Wire, Nail Wire	1.5 mm to 16.0 mm
<b>Kitchenware</b>	Wire baskets, scrubbers, racks	Medium/Thick Wire, Fine Wire	0.09 mm to 16.0 mm
<b>Welding Industry</b>	MIG/TIG electrodes	MIG Wire, TIG Wire, Core Wire	MIG: 0.8–1.6 mm, TIG: 1–4 mm, Core: 2–5 mm
<b>Automotive &amp; Hardware</b>	Springs, rings, handles, clips	Spring Wire, Redraw Wire	0.10 mm to 12.0 mm
<b>Wire Rope &amp; Braiding</b>	Rope strands, hose braiding	Rope Wire, Braiding Wire	0.10 mm to 4.0 mm
<b>Mesh &amp; Construction</b>	Wire mesh, fencing, weaving	Medium/Thick Wire, Tie Wire (Soft/Bright Drawn)	0.7 mm to 16.0 mm
<b>Shot Blasting</b>	Cut wire shots for surface finishing	Redraw Wire, Cold Heading Wire	0.70 mm to 5.0 mm
<b>Staple &amp; Fastening Industry</b>	Staple pins, fastening materials	Staple Pin Wire, Nickel Coated Spring Wire	0.80 mm to 1.6 mm
<b>Industrial Equipment Manufacturing</b>	Flexible Hose, Branding	Fine Wire (Soft/Hard)	0.10 mm to 1.50 mm

# Manufacturing Capacity



**Current Capacity:** 1,200 MT/month  
**Planned Expansion by 2026:** 2,000 MT/month  
**Market Share:** 50% Domestic | 50% Export

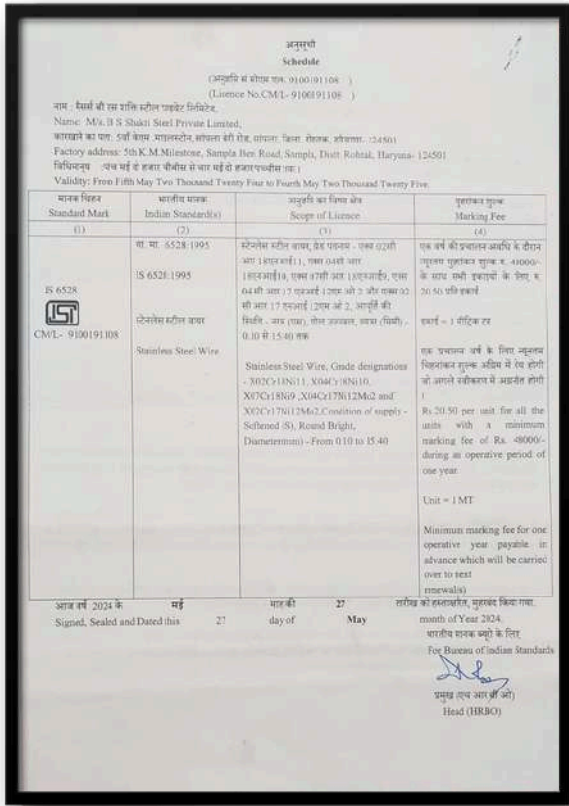
## Quality & Certifications

### ISO 9001:2015 Certified by TÜV SÜD

- Certificate No: 99 100 22363
- Scope: Manufacture of Stainless Steel Wires & Bright Bars
- **First Certified: July 2013**
- **BIS certificate - IS 6528**

### Our in-house testing lab includes:

- UTM Machines
- Rockwell Hardness Tester
- Metallurgical Microscope
- Image Analyser
- Spectrometer
- Metallography Preparation Setup



### BIS certificate - IS 6528

This document is a Bureau of Indian Standards (BIS) Certification for B.S. Shakti Steel Pvt. Ltd., specifically for Stainless Steel Wire under IS 6528:1995 standard.



### ISO 9001:2015

This is an international standard for Quality Management Systems

# CERTIFICATIONS

# Global Presence



We serve clients across **Asia, Europe, and the Middle East**, with growing footprints in North America and Africa. Our solutions are trusted by businesses in:

- Automotive
- Fabrication
- Engineering Components
- Industrial Equipment
- Hospitality & Architecture




# Our Infrastructure

Facility	Details
<b>Total Area</b>	12,000 sqft
<b>Installed Capacity</b>	1,200 MT/month
<b>Location</b>	Rohtak, Haryana
<b>Employees</b>	250+ Employees
<b>Certifications</b>	ISO 9001:2015 (TÜV SÜD)

## Contact Us:

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*Preserving Earth, Thriving  
Tomorrow.*