

BSRM Wire Rod



THE LEGACY OF BSRM

For over seven decades, BSRM Group has been a pioneer in the steel industry, committed to delivering strength, reliability, and excellence. Our Wire Rods are designed to meet the market demands of various end applications, making them an innovative part of our product portfolio.

WHY CHOOSE BSRM WIRE ROD?

Advance Manufacturing: State-of-the-art technology ensures most modern no twist block mill for rolling wire rod at a speed of 110 meter/sec.

Stringent Quality Control: Rigorous testing that ensures different aspects of quality such as process control, quality assurance and reliability.

Sustainability: Our commitment to environment-friendly practices follows ISO 14001. Additionally, we practice, ISO 45001 for Occupational Health and Safety. We are also certified for Quality management system as per ISO 9001.

KEY FEATURES OF BSRM WIRE RODS

Unmatched Quality	Superior quality with consistent results.
International Standard	Capability to meet international standards and global industry benchmarks.
Tailored Solution	Each end application and process followed by customers if unique. We help the customers select wire rods with suitable chemical composition, mechanical properties and diameters to meet the end application.
Consistent Performance	Reliable performance for intended applications.
Drawability	Close tolerances in diameter and ovality.
Excellent Surface Finish	Rolled in Tungsten carbide rolls, the wire rod surface is smooth for wire drawing.
Long-term Economic Value	Cost-effective over time with reduced wear and tear during processing by the customers.

Low Carbon Steel Wire Rods									
Grade	Dimension(mm)	Chemical Composition					% RA (Min)	Applications	Mechanical Properties
		%C	%Mn	%Si	%P	%S			
B1008	5.5 – 25	0.10 max	0.30–0.60	0.15 min	0.04 max	0.04 max	40	Fine wire drawing, binding wire, Galvanized wire, Nail wire, Wire mesh etc.	1. Tensile Strength 380 N/mm ² to 550 N/mm ² Depending on grades. 2. RA is minimum 40% depending on grades. 3. Uniform grain size with metallurgical properties.
B1010	5.5 – 25	0.08 – 0.13	0.30–0.60	0.15 min	0.04 max	0.04 max	40		
B1012	5.5 – 25	0.10 – 0.15	0.30–0.60	0.15 min	0.04 max	0.04 max	40		
B1015	5.5 – 25	0.13 – 0.18	0.30–0.60	0.15 min	0.04 max	0.04 max	40		
B1018	5.5 – 25	0.15 – 0.20	0.60–0.90	0.15 min	0.04 max	0.04 max	35		
B1025	5.5 – 25	0.22 – 0.25	0.30–0.60	0.15 min	0.04 max	0.04 max	30		
Wire Rods for Fasteners Applications									
B1010	5.5 – 25	0.08 – 0.13	0.30–0.60	0.15 max	0.04 max	0.04 max	40	Fasteners such as Nuts, Bolts, Rivets, Studs, Screws etc.	
B1012	5.5 – 25	0.10 – 0.15	0.30–0.60	0.15 max	0.04 max	0.04 max	40		
B1015	5.5 – 25	0.13 – 0.18	0.30–0.60	0.15 max	0.04 max	0.04 max	40		

BAR IN COIL FOR REBAR APPLICATION

Grade	Size	C	Si	Mn	P	S
B500CWR As per BDS ISO 6935–2	6mm & 8mm	0.22	0.60	1.60	0.05	0.05
B500DWR As per BDS ISO 6935–2	6mm & 8mm	0.32	0.55	1.80	0.04	0.04

BAR IN COIL FOR REBAR APPLICATION

- Medium carbon wire rods
- High carbon wire rods
- Low alloy/micro–alloys wire rods
- Electrode/Welding quality wire rods
- Spring steel wire rods
- Bright bar quality wire rods
- High tensile fasteners quality wire rods and many more.

TECHNICAL SPECIFICATIONS AND PRODUCT RANGE

- Diameter Available: Diameters from 5.5mm to 25mm.
- Coil Weight: Customized coil weight from 100kgs, 200kgs, 250kgs, 1.5 MT & 2.3 MT.
- Coil Dimension: 1200mm/48–inch outer diameter (OD).

TESTING FACILITIES:

- Optical emission Spectrometer
- Universal Testing Machine
- Hardness Testing Machine
- Magna scope and Sterio–zoom Microscope
- Impact Testing Machine
- Cold Upsetting Machine
- Hot Upset Testing Machine
- Hardenability Testing Machine
- Complete Metallography Laboratory with Metallurgical Microscope and Image Analyzer.

FINAL THOUGHTS

PARTNER WITH BSRM: YOUR TRUSTED SUPPLIER FOR QUALITY WIRE RODS

When you choose BSRM Wire Rods, you're choosing a partner committed to your success. Our products are designed to meet the highest standards of quality and performance, ensuring that you get the best results every time.

OUR COMMITMENT TO YOU:

- **Customer Support:** Our dedicated team is always available to help you select the right Wire Rods for your specific needs and provide ongoing support throughout your project.
- **Timely Delivery:** We understand the importance of meeting deadlines and our efficient logistics ensure that your orders are delivered on time, every time.
- **Customized Solutions:** We work closely with our customers to develop tailored solutions that meet the unique requirements of their projects.

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