

Wire Division

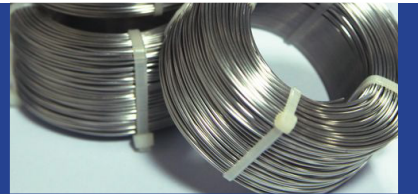
Chandan Steel Limited is a completely integrated manufacturing setup with an in-house melting facility that ensures high-quality steelmaking and prompt delivery. It includes a state-of-the-art fully automatic wire rod and wire mill with annealing and pickling facilities. The quality of our stainless steel wire rods is well-established in both international and domestic markets. The stainless steel wire rods serve as raw material for our stainless steel wires and bright bars, allowing us to maintain control over their quality parameters as end-users.

- Annual Production Capacity 12,000 MT

Product Range and Sizes:

Description	Size Range
Medium / Thick wire	0.80 to 10.00 mm
Welding wire	MIG – 0.6 to 1.6 mm, TIG – 1 to 4 mm, Core wire – 2.0 to 5.0
Cold heading wire	2.00 to 10.00 mm
Fine wire	0.10 to 0.80 mm
Electro Polish wire	1.0 to 10.0 mm
Tie wire (bright drawn)	1.60 to 4.0 mm

Description	Size Range
Nail wire	1.50 to 10.0 mm
Conveyor belt wire	1.60 to 4.0 mm
Staple Pin wire	0.80 to 2.0 mm
Spring wire (Coated)	0.40 to 6.0 mm
Spring wire (Bright)	0.10 to 0.80 mm
Rope wire	0.10 to 4.0 mm
Redraw wire	0.70 to 5.0 mm
Tie wire (soft range)	0.7 to 4.0 mm

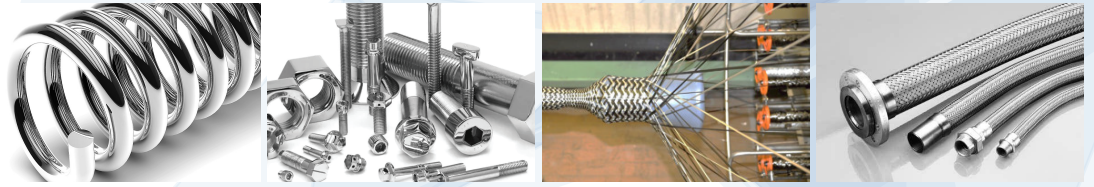


Packaging - Coils without Metal Carriers, Coil with Metal Carriers, Spools Packing, Drum Packing, Pattern Layered, Packing in Corrugated Boxes and Wooden Boxes, Euro Coil Packing.

Industry Applications:

Ship Building	Medical	Agriculture	Springs	Vineyard	Chemical
Powerplant	Automobile	Aviation	Welding Electrodes	Food Processing	Household Applications

Size Range(mm)	Surface	Temper	Spool /Coil	Weight (Kg)	Remark
0.10-0.30	Bright	Spring Hard, Full Hard, Bright Annealed	Din 125	2-3	Packing In Corrugated Box and Further Placed In Wooden Box
0.15-0.40	Bright	Bright Annealed	Din 160	4-6	
0.20-0.80	Bright	Bright Annealed	Din 200	10-12	
0.25-0.80	Bright	Bright Annealed	Din 250	20-22	
0.30-0.80	Bright	Spring Hard, Full Hard	Coil	7-10	ID 150 min, OD 250 max
2.00-5.00	Bright	1/4 hard, 1/2 hard	Coil	1000kg max	ID 415 min, OD 750 max
5.01-10.00	Bright	1/4 hard	Coil	1000kg max	ID 700 min, OD 1100 max
2.00-5.00	Soap Coated	1/4 hard, 1/2 hard, Full Hard	Coil	1000kg max	ID 415 min, OD 750 max
5.01-10.00	Soap Coated	1/4 hard, 1/2 hard	Coil	1000kg max	ID 700 min, OD 1100 max
2.00-6.00	Bright	1/4 hard	Euro Coil	800-1500	ID 550 min, OD 850 max
0.70-0.90	Matte / Bright	Soft Annealed	Coil	20-30	ID 200 min, OD 400 max
0.91-1.80	Matte / Bright	Soft Annealed	Coil	30-50	ID 300 min, OD 500 max
2.00-4.00	Matte / Bright	Soft Annealed	Coil	100-300	ID 415 min, OD 700 max
0.40-0.90	Soap Coated	Spring Hard	SH460	35-40	Corrugated Box & Wooden Box
0.60-1.20	Soap Coated	Spring Hard	DIN550 Metal reel	100-150	Wooden Box
0.70-2.50	Soap Coated	Spring Hard	DIN760 Metal reel	250-300	Wooden Box
0.40-0.60	Soap Coated	Spring Hard	Coil	20-30	ID 200 min, OD 400 max
0.60-1.00	Soap Coated	Spring Hard	Coil	30-50	ID 300 min, OD 500 max
1.10-1.50	Soap Coated	Spring Hard	Coil	40-60	ID 300 min, OD 500 max
1.60-1.90	Soap Coated	Spring Hard	Coil	80-100	ID 415 min, OD 750 max
1.90-2.40	Soap Coated	Spring Hard	Coil	100-200	ID 415 min, OD 750 max
2.50-5.00	Soap Coated	Spring Hard	Coil	100-400	ID 415 min, OD 750 max
5.00-6.00	Soap Coated	Spring Hard	Coil	100-400	ID 415 min, OD 750 max



Wire Division

BIS CERTIFICATION MARKS LICENCE FOR

• Stainless Steel Wire Rods IS 6527:1995 • Stainless Steel Wire IS 6528:1995 • SS FOR WELDING ELECTRODE CORE WIRE IS 10631:1983

Grades

ASTM	DIN/EN	Electrode Grades	IS Grades
201, 202, 204Cu, 301, 302, 303, 304, 304Cu, 304HC, 304L, 304H, 310, 310S, 312, 314, 316, 316L, 316LN, 316Ti, 316LCu, 321, 410, 420, 430, 430L	1.4301, 1.4306, 1.4307, 1.4310, 1.4401, 1.4404, 1.4567, 1.4841, 1.4842, 1.4541, 1.4845, 1.4570, 1.4571, 1.4578, 1.4597, 1.4362, 1.4370 and 1.4016	ER307, ER307Si, ER308, ER308H, ER308L, ER308LSi, ER308LW, ER309, ER309L, ER309LSi, ER310, ER316, ER316H, ER316L, ER316LSi, ER316LSiMo, ER316LHMo, ER347, ER347Si, ER430, ER420.	X04Cr13, X12Cr13, X20Cr13, X30Cr13, X02Cr18Ni11, X04Cr18Ni10, X07Cr18Ni9, X04Cr17Ni12Mo2, X02Cr17Ni12Mo2, X10Cr17Mn6Ni4, X03Cr19Ni10, X04Cr21Ni10, X01Cr21Ni10, X01Cr19Ni10Mo2, X07Cr24Ni12, X01Cr24Ni12, X12Cr26Ni21, X05Cr30Ni9, X05Cr12, X05Cr17, X04Cr19Ni12Mo2, X04Cr18Ni11Nb1, X06Cr19Ni9Mo1.

*Specialized Grades – As per customer's requirements

Specifications:

As per ASTM, DIN, BS, JIS, AWS, GOST etc. International standards and Customer specific special requirements.

Our Testing Facilities:

Our Wire Rod plant has state of the art lab and testing facilities.

Chandan Steel's products goes through a series of comprehensive mandatory & customer specified supplementary and special tests at in-house testing facilities. This ensures a high quality level of our finished products and a long lasting customer relationship. Some of the key testing facilities available at plant are: Computerised tensile testing machine, Hardness testing machine, PMI Test and IGC test facilities, Macro Etching test, Spectro and Leco analysers for chemical composition, Metallography test for microstructure, inclusion, rating, grain size, Radioactive contamination testing, Cold upset test facility.

End Use

- Architecture, Building & construction
- Automobile Components
- Ball bearing
- Further Wire drawing
- Braiding
- Chains
- Conveyor belts
- Fasteners
- Fencing
- Cylinder shafts
- Food processing equipment
- Kitchenware, Wire baskets
- Heat resisting applications
- Machining
- Oil & Gas Industries
- Pump & Valves
- Refractory Anchors
- Screens & Filters
- Nails
- Staples
- Spokes
- Springs
- Surgical Instruments
- Thread Rolling
- Welding Electrodes
- Wall Ties
- Wire Mesh
- Wire Ropes

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- Computerised tensile testing machine
- Hardness testing machine
- PMI Test and IGC test facilities
- Inclusion, rating, grain size
- Metallography test for microstructure
- Radioactive contamination testing.
- Cold upset test facility
- Macro Etching test
- Spectro and Leco analysers for Chemical composition

WIRE DIVISION

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Plant

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