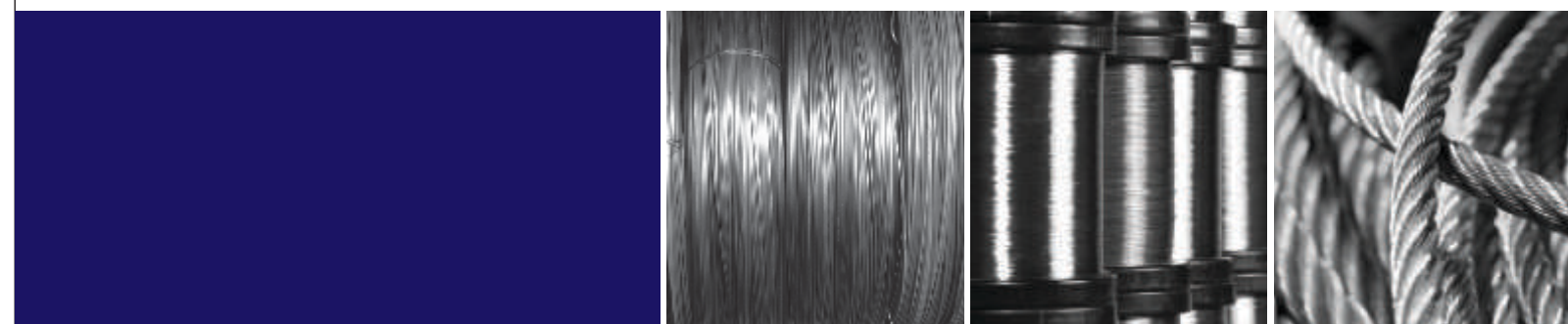




Hindustan Inox Ltd.

Stainless Steel Bright Bars • Wires • Pipes • Tubes • Wire Rods



Stainless Steel Wires



Hindustan Inox Ltd.

Stainless Steel Bright Bars • Wires • Pipes • Tubes • Wire Rods

Office

11/13, Raghuvanshi Mansion, Raghuvanshi Mill Compound,
Senapati Bapat Marg, Lower Parel (West), Mumbai 400 013. Maharashtra, India
Tel: +91 22 4340 1414 • Fax: +91 22 4340 1400
E-mail: sales@hindustaninox.com

Factory

Savroli - Kharpada Road, Khumbhivali Village,
Mumbai - Pune Expressway, Khopoli, Raigad Dist.,
Maharashtra, India.

www.hindustaninox.com

An ISO 9001 : 2008, 14001 : 2004, BS OSHAS 18001 : 2007, PED/97/23/EC & AD 2000 Merkblatt W0 Certified Organisation



Stainless Steel Wires



A Shining Star in the Stainless Steel Galaxy

Hindustan Inox Ltd. is one of the largest manufacturers of Stainless Steel Round Bars & Wires and have achieved the quality standards to match the needs of customers across the globe in more than 60 countries. With its modern facilities, experienced management and employees, Hindustan has established itself as a business partner to its customers and not just being another manufacturer from India.

Hindustan Group has an experience of 35 years in Stainless Steel Long Products & the group is selling approx. 60,000 MT of Stainless Steel Bars & Wires across the globe.

Quality That Shines Forever

As a result of continuous improvement, with strong

emphasis on quality and customer satisfaction, today the company is ISO 9001-2008, ISO 14001 and OHSAS 18001 certified and has become one of the most reliable sources of quality products.

Forging Global Partnerships

As a Global player, Hindustan Inox Ltd. remains committed to maintaining world-class quality, reliable delivery schedules, competitive prices and excellent relationships. Our Company places the customer at the very center of operations.

We strongly believe that by consistently serving the needs of our customers we will emerge from being reliable suppliers to Partners in Progress.

Stainless Steel EPQ Wire

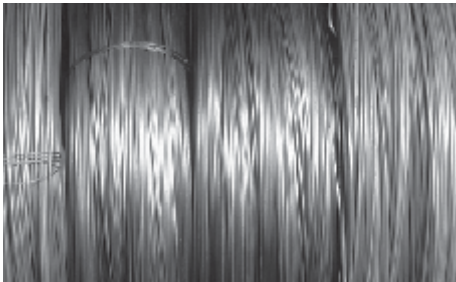


Applications	Size	Finish	Tensile	Suitable Grade
Kitchen Baskets Trolleys Pins etc	1.20 mm to 7.00 mm	Bright Electro Polishing Quality	700 to 1000 N/mm ²	304, 316, 204Cu, 202

Special Characteristics:

- Excellent surface finish
- Suitable for Electro polishing
- Available in ASTM, DIN, BS and JIS Standards

Stainless Steel Wires for General Purpose



Applications	Size	Finish	Tensile	Suitable Grade
Wire Mesh Hinges Spokes Staples	0.80 mm To 8.00 mm	Soft Annealed, 1/4 Hard, 1/2 Hard, 3/4 Hard, & Full Hard (Matte And Bright - Semi Bright Finish)	As per customer requirement	AISI 200, 300, 400 Series or other International Equivalent Grades

Stainless Steel Wire For Cold Heading Quality



Applications	Size	Finish	Tensile	Suitable Grade
Bolts Screws Fasteners and other cold heading applications	1.00 mm to 8.00 mm	Soap Coated or Soft Annealed	450 to 650 N/mm ² or 700 to 900 N/mm ²	302HQ, 304, 304HC, 316, 316Cu, XM7, 410, 430L, 303 Cu, 204 Cu, 202

Special Characteristics:

- Excellent in corrosion resistance and mechanical strength and is the most suitable material for bolts, nuts, screw, Philips head screw and other types of fasteners and has marked work hardening characteristics.

Supply Condition

- Wires are vicafil coated to ensure smooth heading operations & crackfree heads.
Condition: Cold Drawn, Annealed and Skin Pass or as per customer requirement with very fine tolerance.

Stainless Steel Wire For Nails



Applications	Size	Finish	Tensile	Suitable Grade
To make Nails Colleted Nails & Fasteners	1.00 mm to 8.00 mm	Soap Coated or Soft Annealed Matte	450 to 650 N/mm ² and 700 to 1000 N/mm ²	302CHQ, 304, 304L, 304HC, 304CU, 305, 316, XM7, 316CHQ

Special Characteristics:

- Superior corrosion resistance under condition of application
- Completely resistant to tannic acid & other extractive common to wood & will not discolor the wood surrounding the nail head
- Strength is adequate for all wood application
- Driving the nail into wood does not split the wood

Stainless Steel Free Cutting Wire



Applications	Size	Finish	Tensile	Suitable Grade
Pins, Sprinklers Shafting & other machining applications	2.00 mm to 8.00 mm	Soft Annealed or Bright	700 to 900 N/mm ²	303, 303Cu, 430F, 316F, 416

Special Characteristics:
For Specific work requirements, free-cutting wire of stainless must be selected taking such factors into consideration as fatigue, usage, strength, corrosion resistance, impact resistance etc. Sulphur (S) is added by about 0.15% to 0.35% to improve machinability.

Stainless Steel Wire For Springs



Applications	Size	Finish	Tensile	Suitable Grade
For making Springs Pin	1.00 mm to 6.00 mm	Soap Coated or Matte Decoated	1400 to 2200 N/mm ²	302, 304, 304H, 316, 316L

Special Characteristics:

- Stainless Steel Wire for spring is made from the selected steel In particular, to provide optimum spring efficiency, this type of wire is painstakingly finished to eliminate flaws which reduce fatigue strength, i.e. lateral and longitudinal cracks, pits and marks. Their mechanical properties are produced as per customer's requirements.
- HIL Spring wires are produced joint free in one continuous length.

Stainless Steel Lashing Wire



Applications	Size	Finish	Tensile	Suitable Grade
To hold electrical & mechanical cable together on overhead telephone line, in cable TV	0.80 mm to 1.80 mm	Dead soft annealed matte	600 to 750 N/mm ²	304, 302, 316, 430

Special Characteristics:

- Lashing wire could be ferritic or austentic grades
- High ductility with minimum of 20% elongation
- Wire is packed with plastic ties to provide consistent package tension.

Stainless Steel Wire For Ropes

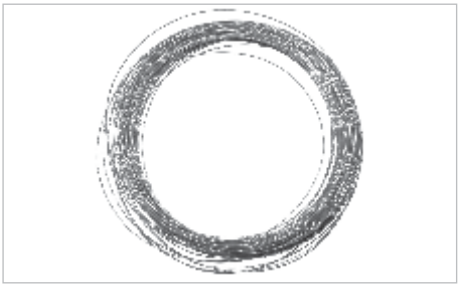


Applications	Size	Finish	Tensile	Suitable Grade
For making Ropes	1.00 mm to 6.00 mm	Matte Finish	1570 to 1770 N/mm ²	304, 316

Special Characteristics:

- Wire for rope are made from selected grades of stainless steel having special chemical compositions and manufactured through the unique process developed by our company.
- HIL Rope Wires are produced joint free in one continuous length.

Stainless Steel Wire For Re-drawing Into Fine Wires



Applications	Size	Finish	Tensile	Suitable Grade
Redrawing	0.80 mm to 8.00 mm	Soft Matte	600 to 750 N/mm ²	302, 304, 304L, 304H, 316, 316L, 321

Special Characteristics:

- High Die Life
- Smooth Surface Finish
- High Ductility
- Suitable for drawing upto 0.06mm for high speed machines

Stainless Steel Wire For Building Industry



Applications	Size	Finish	Tensile	Suitable Grade
For making Wall Ties and Reinforcement Bar	1.00 mm to 6.00 mm	Bright Finish	700 to 1000 N/mm ²	304, 316, 430, 204Cu

Special Characteristics:

Stainless Steel Wire is used in construction work for tying wall, roof and binding torr-steel structure due to its high corrosion resistance and high strength properties.

- ROOFING HOOKS
- WALL TIE
- TYING WIRE

Stainless Steel Chain Wire

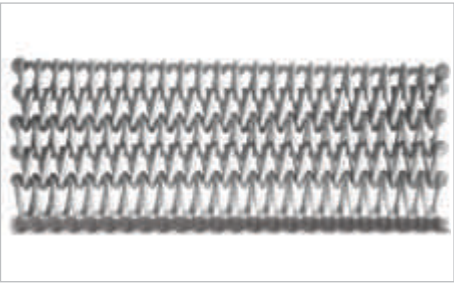


Applications	Size	Finish	Tensile	Suitable Grade
To make Chain	2.00 mm to 8.00 mm	Bright	700 to 1000 N/mm ²	304, 304L, 316, 316L, 201Cu, 202, 204Cu, 430

Special Characteristics:

- Stainless Steel Chains are widely used in various industrial applications, house hold fencing, railings and decorative are specially known for their high tensile, durability and corrosion resistance
- HIL Chain Wires are weld free.

Stainless Steel Wire For Conveyor Belt, Weaving



Applications	Size	Finish	Tensile	Suitable Grade
To make Conveyor Belt Weaving Screens	0.80 mm to 8.00 mm	Bright annealed	600 to 750 N/mm ²	304, 316, 310S, 314, 321, 316Ti, 204Cu, 202

Special Characteristics:

- HIL Weaving Wires are supplied in bright annealed condition.
- Weaving Wires have beautiful lustrous surfaces and have high resistance to corrosion which combine to account for their profit and yielding market values.
- Weaving Wires are available in full range of sizes from extra large to extra-fine diameters.
- HIL Weaving Wires are suitable for various applications in chemicals, petrochemicals, synthetic, fiber, paper and pulp industries, conveyor belts operating in high temperature environment etc.



Stainless Steel Electrode Quality Wire



Hindustan manufactures high quality stainless steel wire for welding electrodes as well as Tig wires.

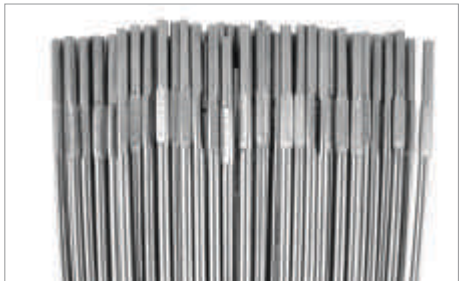
We offer various types of wires for welding consumables (Electrodes, Tig Wires), in compliance with international quality standards. Our range of wires have shiny surface and controlled mechanical properties. These wires offer excellent resistance to cracking, scaling and corrosion at high temperatures. Available in various specifications, we also customize these wires as per clients specifications.

The stainless steel wires for welding electrodes and Tig wires are supplied in coil as well as in cut length as per AWS, DIN, BS, JIS and other equivalent international standards or as per the customer's requirement.

The grades and Technical details are below.

Applications	Size	Finish	Tensile	Suitable Grade
To make welding electrodes	1.60 mm to 5.00 mm	Bright and Matte	700 to 1000 N/mm ² and 900 to 1600 N/mm ²	307Si, ER317L, ER308L, ER308L (Low Si), ER308LSi, Er309, ER309LSi, ER316, ER316LSi, ER312, ER347, 430 etc

- Special Characteristics:
- Good weldability
 - Stainless Steel Electrode Quality wires have superior corrosion resistance



In coils and In cut length

MM	1.60	2.00	2.40	3.20	4.00	5.00
Inch	0.062	0.080	0.093	0.125	0.156	0.192

Packaging :

In cut length : 250 mm to 1000 mm

In bundles : 25-300 kgs [25-700 lbs]

In coils : 100-1000 kgs/200-2000 lbs on tubular carriers



Makers of Reliable
Welding Wires

TYPE AISI	%C	%Mn	%Si	%S	%P	%Ni	%Cr	%Cu	%Mo	% N2	%Ti	EQUIVALENT INTERNATIONAL STANDARDS		
200 SERIES	Max	Max	Max	Max	Max			MAX	MAX	MAX		W.Nr	BSI	JIS
201(0.9%)	0.15	7.00-9.00	1.000	0.030	0.100	0.90-1.20	14.0-16.0	1.50-2.50	0.3	0.25				
201(3%)	0.15	7.00-9.00	1.000	0.030	0.100	3.00-4.00	16.0-17.0	1.50-2.50	0.3	0.25				
204Cu	0.08	6.50-8.50	2.000	0.030	0.060	1.50-3.00	16.0-17.0	2.00-3.00	0.3	0.25				
202														
300 SERIES														
302	0.125	2.00	1.000	0.030	0.045	8.0-10.0	17.0-19.0			0.10		1.4310	302S17	SUS302
304H	0.60-0.80	2.00	1.000	0.030	0.045	8.0-10.0	18.0-20.0			0.60				
304	0.08	2.00	1.000	0.030	0.045	8.0-10.0	18.0-20.0					1.4301	304S15	SUS304
304L	0.03	2.00	1.000	0.030	0.045	8.0-10.0	18.0-20.0					1.4306	304S11	SUS304L
305	0.06	2.00	1.000	0.030	0.045	11.0-13.0	17.0-19.0					1.4303		
316	0.08	2.00	1.000	0.030	0.045	10.0-14.0	16.0-18.0		2.00-3.00			1.4401	316S31	SUS316
316L	0.03	2.00	1.000	0.030	0.045	10.0-14.0	16.0-18.0		2.00-3.00			1.4404	316S11	SUS316L
316Ti	0.08	2.00	1.000	0.030	0.045	10.0-12.0	16.0-18.0		2.00-3.00		5X%C UP TO 0.80	1.4571	320S31-320S17	
321	0.08	2.00	1.000	0.030	0.045	9.0-13.0	17.0-19.0				5X%C UP TO 0.80	1.4541	321S31	SUS321
304HC	0.08	2.00	1.000	0.030	0.045	8.0-10.0	18.0-20.0	2.00-3.00						
302HQ	0.03	2.00	1.000	0.030	0.045	9.0-11.0	17.0-19.0	3.00-4.00				1.4567	394S17	
XM7	0.03	2.00	1.000	0.030	0.045	8.0-10.0	17.0-19.0	3.00-4.00	0.1					
303	0.12	2.00	1.000	0.15/0.35	0.200	8.0-10.0	17.0-19.0					1.4305	303S31	SUS303
314	0.25	2.00	1.50-3.00	0.300	0.045	19.0-22.0	23.0-26.0					1.4841		
314	0.25	2.00	1.50-3.00	0.300	0.045	19.0-22.0	23.0-26.0					1.4841		
310S	0.08	2.00	1.000	0.030	0.045	19.0-22.0	24.0-26.0					1.4845		
ER308	0.08	2.00	0.30-0.65	0.020	0.020	9.50-11.0	19.0-21.0							
ER308L	0.02	1.50/2.00	0.30-0.65	0.020	0.020	9.50-11.0	19.0-21.0					1.4331	308S92	
ER308L(LOW Si)	0.02	1.00/2.50	0.250	0.020	0.020	9.50-11.0	19.0-21.0							
ER 308LSi	0.03	1.00/2.50	0.65-1.00	0.030	0.030	9.00-11.0	19.5-22.0							
ER 309	0.08	1.50/2.00	0.30-0.65	0.015	0.020	12.0-14.0	23.0-25.0							
ER 309L	0.03	1.50/2.00	0.30-0.65	0.015	0.020	12.0-14.0	23.0-25.0					1.4332	309S94	
ER 309L(LOW Si)	0.03	1.00/2.50	0.250	0.030	0.020	12.0-14.0	23.0-25.0							
ER 309LSi	0.03	1.00/2.50	0.65-1.00	0.030	0.020	12.0-14.0	23.0-25.0							
ER 310	0.08-0.15	1.50/2.00	0.30-0.65	0.025	0.030	20.0-22.0	25.0-28.0					1.4842	310S94	
ER 312	0.15	2.00	0.30-0.65	0.025	0.025	8.0-10.0	29.0-32.0					1.4337	312S94	
ER 316	0.08	2.00	0.30-0.65	0.020	0.020	12.0-14.0	18.0-20.0		2.20-2.80					
ER 316L	0.02	1.50/2.00	0.30-0.65	0.020	0.020	12.0-14.0	18.0-20.0		2.20-2.80			1.4430	316S92	
ER 316L(LOW Si)	0.03	1.00/2.50	0.250	0.030	0.030	11.0-14.0	18.0-20.0		2.00-3.00					
ER 316LSi	0.03	1.00/2.50	0.65-1.00	0.030	0.030	11.0-14.0	18.0-20.0		2.00-3.00					
400 SERIES														
410	0.15	1.00	1.000	0.030	0.040		11.5-13.50					1.4006		
416	0.15	1.00	1.000	0.15-0.30	0.040		12.0-14.0					1.4005		
430	0.1	1.00	0.750	0.030	0.040	0.60	16.0-18.0					1.4016		
434	0.12	1.00	1.000	0.030	0.040	0.50	16.0-18.0	0.75-1.25	0.75					
430F														

At Hindustan Inox Wire packaging is an integral part of the manufacturing process. Our approach is very methodical and we have a thorough knowledge of the international standards and specifications for wire packing. Owing to our expertise we have developed various packing techniques for wires which has found acceptance from our clients world over.



Bare coils



coils on wooden pellets



wires in card board drums



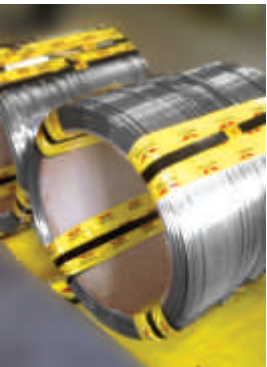
Euro coils on carriers



Wire on crown carrier



Coils on crown carriers



Euro coils



Extensive Stainless Steel Product Range

Consider us a Super Boutique Store for Stainless Steel Long Products

Stainless Steel Bright Bars
(Round Bars, Hexagonals, Squares)

Stainless Steel Wires

Stainless Steel Seamless
Pipes & Tubes

Stainless Steel Welded
Pipes & Tubes

Stainless Steel Wire Rods

Stainless Steel Threaded Bars

Stainless Steel Billets/Blooms/RCS



A Legacy in Stainless Steel



Awarded the Star Performer

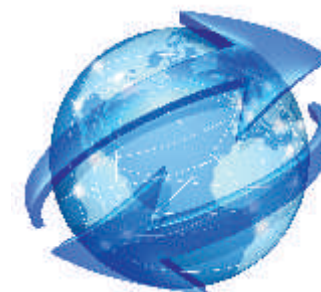
in the Category of Stainless Steel from
Engineering Export Promotion Council

6 times in a row



Exporting Globally

Our excellent quality and service
has won us clients from all over the world



Decades of Experience

For over 35 years we have served the
stainless steel industry with our expertise



Manufacturing Facility
at Khopoli, near Mumbai