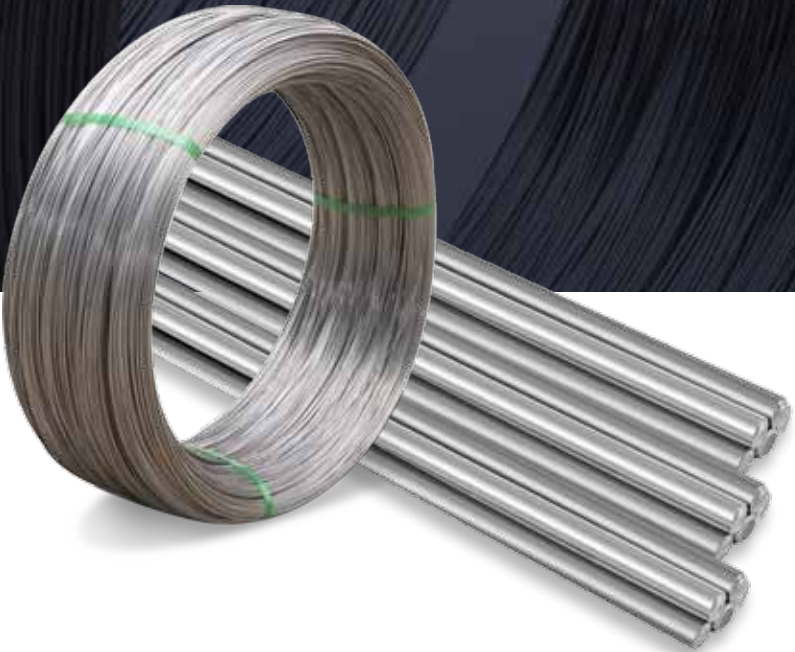




STAINLESS STEEL
WIRES & BARS



Garg Inox Ltd.
we make the wire you desire



COMPANY PROFILE

Backed by Experience

Dom Helder Camera once said, when we are dreaming alone, it is only a dream. When we are dreaming with others, it is the beginning of reality.

Only about a decade and half ago we also saw a very ambitious dream and worked on it day in and out. What was our dream then, at Garg Sales Company Private Limited is today GARG INOX LTD., a mega steel company.

The company with a strong focus & a constant desire to outdo itself is today the market leader in the field of stainless steel wires in the world.

Under the dynamic leadership of Mr. Suresh Garg, the man who's unparalleled vision and straight thinking has been the driving force, the company has grown by leaps and bounds challenging new boundaries and setting up new standards for itself year after year.

The company follows strict standards of ISO 9001:2000 and is a government certified Export House, having Offices in the USA, U.K. and Turkey with a production capacity of 24,000 tons annually from three production units.



ISO 9001 : 2000 Certified



Government Approved Export House





Garg Inox selling its product under the brand name GARG WIRE has an annual turnover of over 70 million US Dollars is amongst the top stainless steel manufacturers of the country. The USP of Garg Inox is that here Client requirements are given utmost priority with individual attention to every client. It is this quality probably that Garg Inox today exports its high quality products to a very vast clientele in over 50 countries of the world and its operations spanning 4 continents.

With this philosophy in tow, and a dedicated, well-trained team of hardcore professionals who always aspire to create cutting edge technology combined with the latest machinery we provide our high quality product at the most competitive prices to all our customer world wide.



All Products are tested against lowest possible level of Radioactive Contamination (RaC).



STAINLESS STEEL WIRE



In metallurgy, Stainless Steel is defined as an iron-carbon alloy . Stainless Steel does not stain, corrode or rust as easily as ordinary steel.

Stainless Steels are also classified by their crystalline structure namely Austenitic, Ferritic & Martensitic.

Stainless Steel has high resistance to rust and corrosion in many natural and man-made environments; however, it is important to select the correct type and grade of Stainless Steel for the particular application.

A widely used product of Stainless Steel is Stainless Steel Wire which has its uses both in the domestic and industrial world. Various grades of Stainless Steel used for these applications are: 200 Series—Austenitic Chromium-Nickel-Manganese Alloys, 300 Series—Austenitic Chromium-Nickel Alloys and 400 Series—Ferritic and Martensitic Chromium Alloys.

Regular Grades (AISI):

201, 202, 204CU, 302, 304CU, 304HC, 303, 304, 304L, 310, 314, 316, 316L, 316Ti, 321, ER308L, ER309L, ER310, ER316L, 430L. ETC.

Diameter range: 0.040 mm – 16mm

Supply Condition: Soft, ¼ Hard, ½ Hard & Full Hard

Surface Finish: Bright, Matte Finish, Soap Coated or Electro Polish Quality

Applications:

Trolleys, Centrifugal Baskets, Scrubber Scouring Pads Instrument Baskets, Bird Proofing System Screens, Staples, Flexible Connectors, Gratings & Mats, Bicycle Spoke, Springs, Wire Rope, Cold Heading, Conveyor Belts, Braiding Hoses, Nail, Chain, Lashing Wire, Wall Tie, Mig and Tig Wires, Redrawing Wires, Wire Mesh, Kitchen Accessories, Balls etc.

STAINLESS STEEL BAR



Application :

Machined Components, Pump Shafts, Valves, Fasteners, Machine Tools, Dairy Equipments, Surgical & Medical Parts, Threaded Bars, Studs, Bolts, Pins, Hinges and Handles.

Round Bars (Cold Drawn)

Condition	Cold Drawn & Polished	Cold Drawn, Centreless Ground & Polished	Cold Drawn, Centreless Ground & Polished (Strain Hardened)
Grades	201, 202, 303, 304, 304L, 310, 316, 316L, 321, 410, 420, 416, 430, 431, 430F & others		304, 304L, 316, 316L
Diameter (Size)	2 mm to 5 mm (1/8" to 3/16")	6 mm to 22 mm (1/4" to 7/8")	10 mm to 40 mm (3/8" to 1-1/2")
Diameter	h9 (Din 671), h11	h9 (Din 671)	h9 (Din 671), h11
Tolerance	ASTM A484	ASTM A484	ASTM A 484
Length	3/4/5.6/6 meter (12/14 ft / 20 feet)	3/4/5.6/6 meter (12/14 ft / 20 feet)	3/4/5.6/6 meter (12/14 ft / 20 feet)
Length Tolerance	-0/+200 mm or +100 mm or +50 mm (-0"/+1 feet or +4" or 2")	-0/+200 mm or +100 mm or +50 mm (-0"/+1 feet or +4" or 2")	-0/+200 mm (-0"/+1 feet)

Round Bars (Peeled/Turned)

Condition	Peeled, Centreless Ground & Polished	Peeled & Polished	Peeled (Rough Turned)
Grades	201, 202, 303, 304, 304L, 310, 316, 316L, 321, 410, 420, 416, 430, 431, 430F & others		304, 304L, 316, 316L, 410, 416, 420, 431
Diameter (Size)	20 mm to 85 mm (3/4" to 3-1/4")	85 mm to 100 mm (3-1/4" to 4-3/4")	25 mm to 100 mm (1" to 5-1/2")
Diameter	h9 (Din 671)	h11	K12/K13
Tolerance	ASTM A 484		(Din 1013)
Length	3/4/5.6/6 meter (12/14 ft / 20 feet)	3/4/5.6/6 meter (12/14 ft / 20 feet)	3/4/5.6/6 meter (12/14 ft / 20 feet)
Length Tolerance	-0/+200 mm or +100 mm or +50 mm (-0"/+1 feet or +4" or 2")	-0/+200 mm or +100 mm or +50 mm (-0"/+1 feet or +4" or 2")	-0/+1000 mm or 500 mm (-0"/+3 feet or +2 feet)

Packing:

Polished bars are marked and packed in bundles of 500-1000 kgs to preserve their defect-free surface during handling and transportation. The bars are strapped with -straps, wrapped in bio-degradable or recyclable laminated sheets and if necessary, protected with wooden batons. Wooden cases are provided on request.



Kitchen Accessories & Wire Baskets



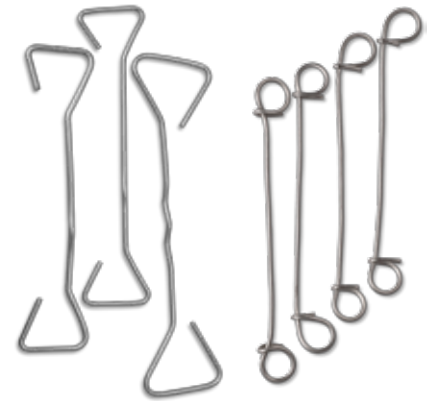
Trolleys



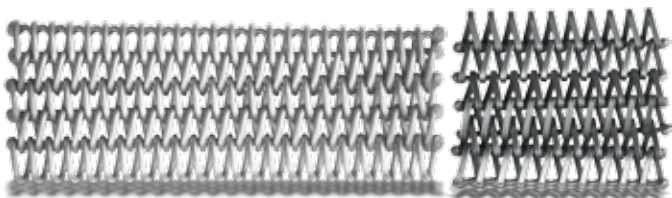
Braiding Hoses



Chains



Wall Ties



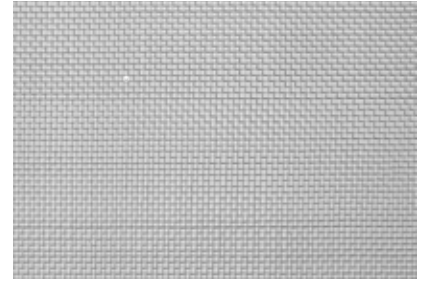
Conveyor Belts



Nails & Fasteners



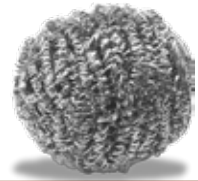
Wire Ropes



Wire Mesh



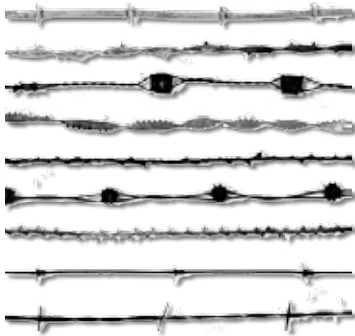
Spokes



Scrubber



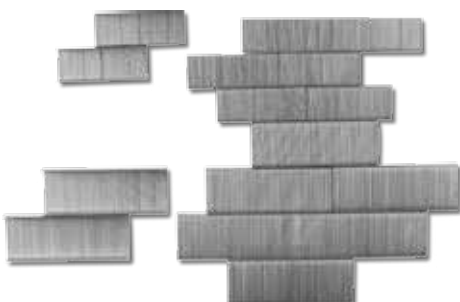
S.S Balls



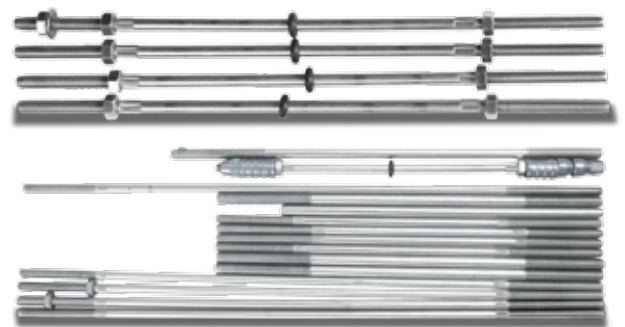
Fencing



Welding Electrodes



Staples



Threaded Bars

PACKING

We do not underestimate the significance of wire packing and its compatibility with the application of the particular type of wire. With our superior knowledge and expertise regarding international standards and specification of wire packing, combined with skilled workmanship and a responsibility towards the customer satisfaction, we provide an array of packing types to choose from.



Drums on Pallet



Fine Wire in Euro Pallet



Euro Coil on Pallet



Plastic Spools



Metal Spools



Coils on Carriers



Core Packing



Bars

OTHER PRODUCTS:

1. Stainless Steel Wires For Welding

Grades (AISI) : 308L , 308LSI , ER316 , ER316 LSI , ER309L , ER309 LSI , ER310 , ER312 , ER347 , 430 Etc.

TIG Wire

Diameter Range: 1.20 – 5.00 mm / 0.048 – 0.20 Inches

Surface: Bright Finish

Packing: Fiber or Plastic Tube

MIG Wire

Diameter Range: 0.80 – 1.60 mm / 0.031 – 0.062 Inches

Surface: Bright & Matt Finish

Packing: Layer Wounded on Plastic, Wooden or Metal Spool

2. Stainless Steel Lashing Wires :

Used in a lasher to lash an aerial cable or combination of cables to a supporting strand.

Grades (AISI) : 302, 304, 316 & 430

Diameter: 0.96-16.50 mm / 0.038 - 0.65 Inches



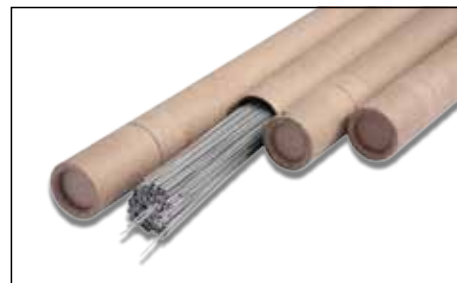
MIG Reels



Lashing Wire



TIG Wire in Cardboard Tubes



chemical composition

CHEMICAL COMPOSITION OF STAINLESS STEEL

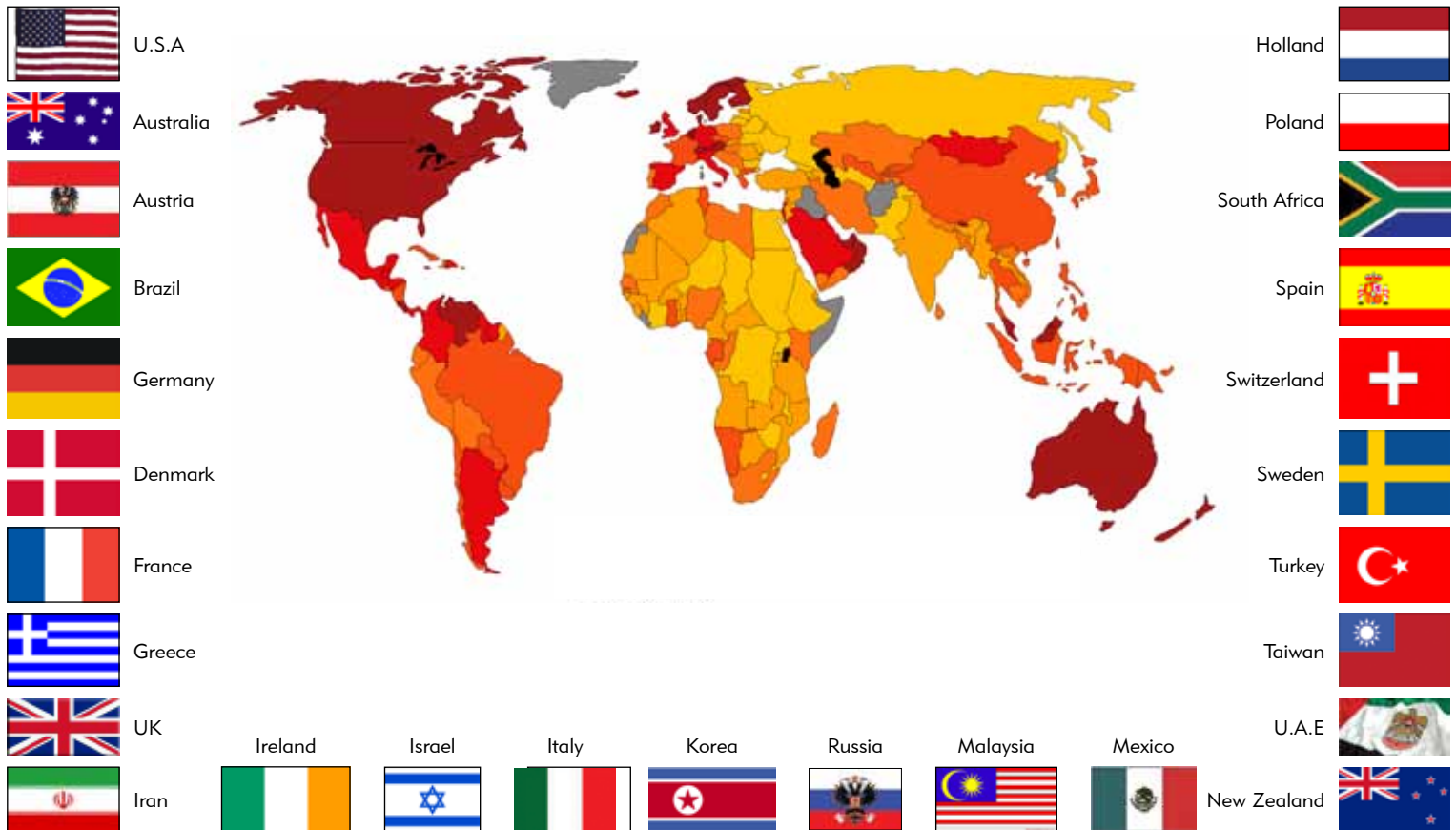


Type AISI	German Standard	Range	C%	Mn%	P%	S%	Si%	Cr%	Ni%	Cu%	Mo%
201(Ni%:0.30)	-	Min Max	- 0.15	7.00 9.50	- 0.100	- 0.030	- 1.00	13.00 16.00	0.30 0.50	1.50 2.50	0.30
201(Ni%:0.60)	-	Min Max	- 0.15	7.00 9.50	- 0.100	- 0.030	- 1.00	13.00 16.00	0.50 0.70	1.50 2.50	0.30
201(Ni%:0.90)	-	Min Max	- 0.15	7.00 9.50	- 0.100	- 0.030	- 1.00	13.00 16.00	0.90 1.20	1.50 2.50	0.30
201(Ni%:3.00)	-	Min Max	- 0.15	7.00 9.00	- 0.100	- 0.030	- 1.00	14.00 16.00	3.00 4.00	1.50 2.50	0.30
202		Min Max	- 0.15	7.00 10.00	- 0.090	- 0.030	- 1.00	14.00 17.50	3.50 4.10	0.90	-
204CU	1.4597	Min Max	- 0.15	6.5 8.5	- 1.00	- 0.03	- 2.00	14.00 17.00	1.50 3.00	1.50 2.50	-
302	1.4319	Min Max	- 0.15	2.00	0.045	0.030	1.00	17.00 19.00	8.00 10.00	-	-
302HQ 304CU	1.4567	Min Max	- 0.080	- 2.00	- 0.045	- 0.030	- 1.00	17.00 19.00	8.00 10.00	3.00 4.00	- 0.75
304HC	-	Min Max	- 0.045	0.80 2.00	- 0.045	- 0.030	0.30 1.00	18.00 20.00	8.00 10.5	2.00 3.00	-
303	1.4305	Min Max	- 0.100	- 2.00	- 0.045	0.15 0.35	- 1.00	17.00 19.00	8.00 10.00	- 0.75	- 0.75
304	1.4301	Min Max	- 0.08	- 2.00	- 0.050	- 0.030	- 1.00	18.00 20.00	8.00 10.50	-	-
304L	1.4306	Min Max	- 0.03	- 2.00	- 0.050	- 0.030	- 1.00	18.00 20.00	8.00 10.50	-	-
310	-	Min Max	- 0.080	- 2.00	- 0.045	- 0.040	- 0.60	24.00 26.00	19.00 22.00	- 0.75	- -
314	1.4841	Min Max	- 0.05	- 2.00	- 0.045	- 0.030	1.50 3.00	23.00 26.00	19.00 23.50	- 0.75	- -
316	1.4401	Min Max	- 0.06	- 2.00	- 0.050	- 0.030	- 1.00	16.00 18.00	10.00 14.00	-	2.00 3.00
316L	1.4404	Min Max	- 0.03	- 2.00	- 0.050	- 0.030	- 1.00	16.00 18.00	10.00 14.00	-	2.00 3.00
316Ti	1.4571	Min Max	- 0.08	- 2.00	- 0.050	- 0.030	- 0.75	16.00 18.00	10.00 14.00	Ti: 5 x C%	2.00 3.00
347 348	1.4550	Min Max	- 0.08	- 2.00	- 0.045	- 0.030	- 1.00	17.00 19.00	9.00 13.00	Cb+ta=10C	-
321	1.4541	Min Max	- 0.06	- 2.00	- 0.045	- 0.010	0.40 0.60	17.00 19.00	9.00 9.60	-	Ti: 5 x C%
430L	1.4016	Min Max	- 0.03	- 1.00	- 0.040	- 0.030	- 1.00	16.00 18.00	- 0.50	-	0.50
431	1.4057	Min Max	0.12 0.20	0.40 1.00	- 0.040	- 0.030	0.30 1.00	15.00 17.00	1.25 2.50	- 0.30	- 0.30
434	1.4113	Min Max	- 0.120	- 1.00	- 0.040	- 0.030	- 1.00	16.00 18.00	- 0.50	- 0.75	0.75 1.25
ER308L	1.4331	Min Max	- 0.025	1.50 2.00	- 0.025	- 0.020	- 0.50	19.00 21.00	9.00 11.00	-	-
ER309L	1.4332	Min Max	- 0.025	1.50 2.50	- 0.020	- 0.015	- 0.60	23.00 24.00	12.00 14.00	- -	- -
ER310	1.4842	Min Max	- 0.100	- 2.50	- 0.025	- 0.040	- 0.60	24.00 26.00	19.00 22.00	- -	- -
ER316L		Min Max	- 0.025	- 2.00	- 0.023	- 0.015	- 0.65	18.00 20.00	11.00 14.00	- -	2.00 2.50



Our Presence

STAINLESS STEEL WIRES & BARS



Kindly give us the following information as detailed as possible along with your inquiries and order.

- Grade
- Quantity
- Application
- Diameter with Tolerance
- Surface Finish
- Tensile Strength
- Packing Details
- Delivery

“This information would help us manufacture wire as per your specifications”.



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