



AUTHORISED DEALER OF



[www.abhaysteels.com](http://www.abhaysteels.com)

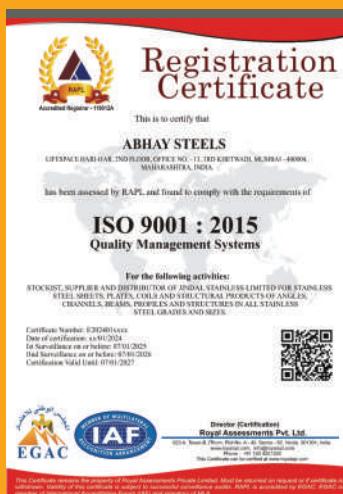
# About Us

We are an ISO certified company.

Abhay Steels came into limelight in 1983 to offer sheet, coils & plates. We offer quality stainless steel sheets produced by Jindal which is one of biggest brand in India. We offer material with Mill Test Certificate (MTC) or Mill Test Reports (MTR) for all stainless sheets.

**Our company has many years experience and specializes in manufacturing, selling, supplying and exporting sheets, plates, coils, round bars, flat, patta/patti for various purposes, and in engineering department, agricultaral industry, construction industry of various domestic and foreign manufacturers.**

## Certificates



## QUALITY PRODUCTS

We are buying all our products from well-known manufacturer with well known brand.

## INDUSTRY EXPERIENCE

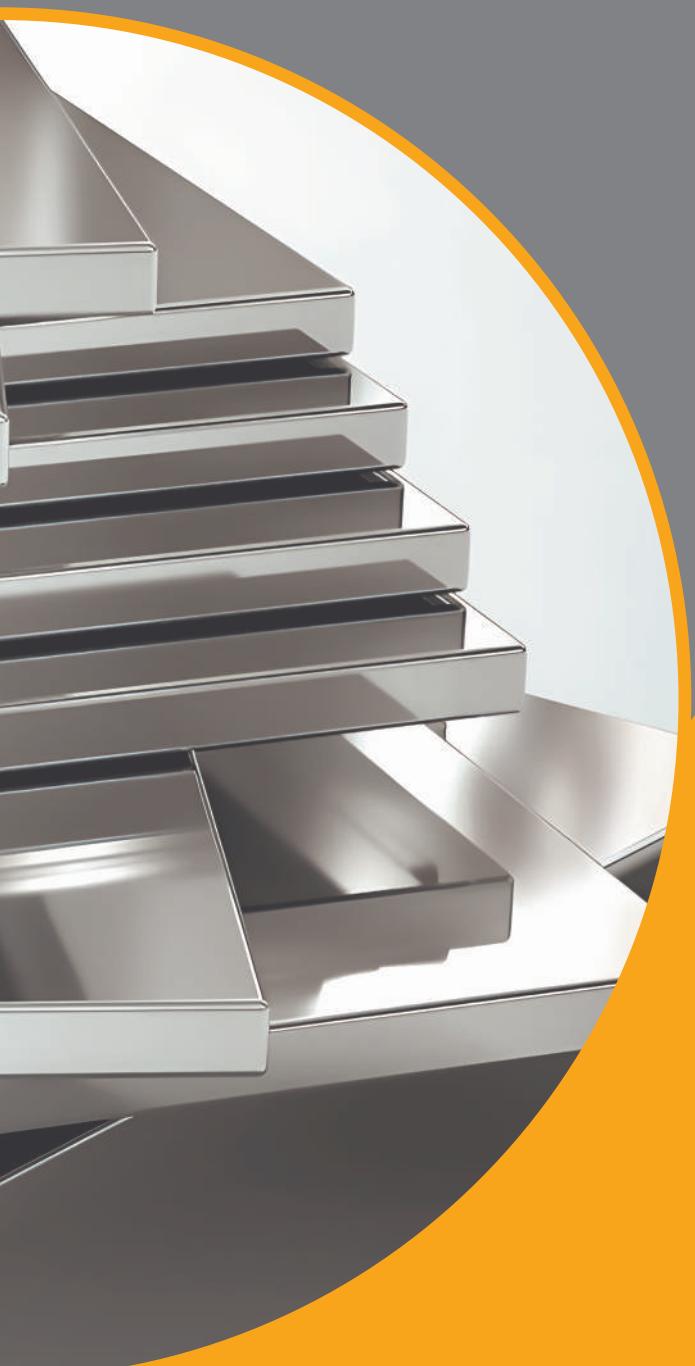
We have in this industry from 1983. We are prefered partner / authorized distributor for Jindal Stainless Ltd. Sheets, Plates, Coils form past 8 years

## TIMELY DELIVERY

We are having facility and tie-up with local and international shipping for Timely Delivery.

## BRILLIANT TEAM

We have best staff and they Maintain good relationship with the best people in steel business.



## 100% CUSTOMER SATISFACTION

To achieve maximum customer satisfaction and set highest standards in manufacturing, product development and all other domains of our business.

# SHEETS

## SHEETS

### Stainless Steel

202, 304, 304L, 316L, 321, 310s, 430, 409, 409L, 409M, 441

**Thickness** 0.5 mm - 5.00 mm

**Standard Size** 1000 mm x 2000 mm,

1250 mm x 2500 mm

1500 mm x 3000 mm

**Finish** 2B, N4PVC, HAIRLINE BA, NO.8

**Customized size needs to be confirmed with us**

# PLATES

## PLATES

### Stainless Steel

202, 304, 304L, 316L, 321, 310S, 430, 409, 409L, 409M

**Thickness** 3 mm to 150 mm

**Width** 1000 mm, 1250 mm, 1500 mm, 2000 mm

**Length** 2500 mm, 3000 mm, 5000 mm, 6000 mm or as per requirement.

**Finish** No.1 & HR Finish



# COIL

## COIL

### Stainless Steel

202, 304, 304L, 316L, 321, 310S, 430, 409, 409L, 409M, 410

**Thickness** 0.50 mm to 10 mm

**Width** 1000 mm, 1250 mm, 1500 mm, 2000 mm

**Finish** 2B / N4PVC / BA / NO.1

**Standard** ASTM A240



# SLITTING COIL



## SLITTING COILS

### Stainless Steel

202, 304, 304L, 316L, 321, 310S, 430, 409, 409L, 409M

**Thickness** 0.05 mm - 4 mm

**Width** 3.20 mm & above

**Finish** 2B / N4PVC / BA / NO.1

# SHIMS



## SHIMS

### Stainless Steel

304, 316, 430

### Thickness

0.05 MM thickness, 0.10 MM,  
0.15 MM, 0.20 MM, 0.25 MM  
0.30 MM, 0.35 MM, 0.40 MM

# FLAT BARS PATTA, PATTI

## FLAT BARS | PATTA | PATTI

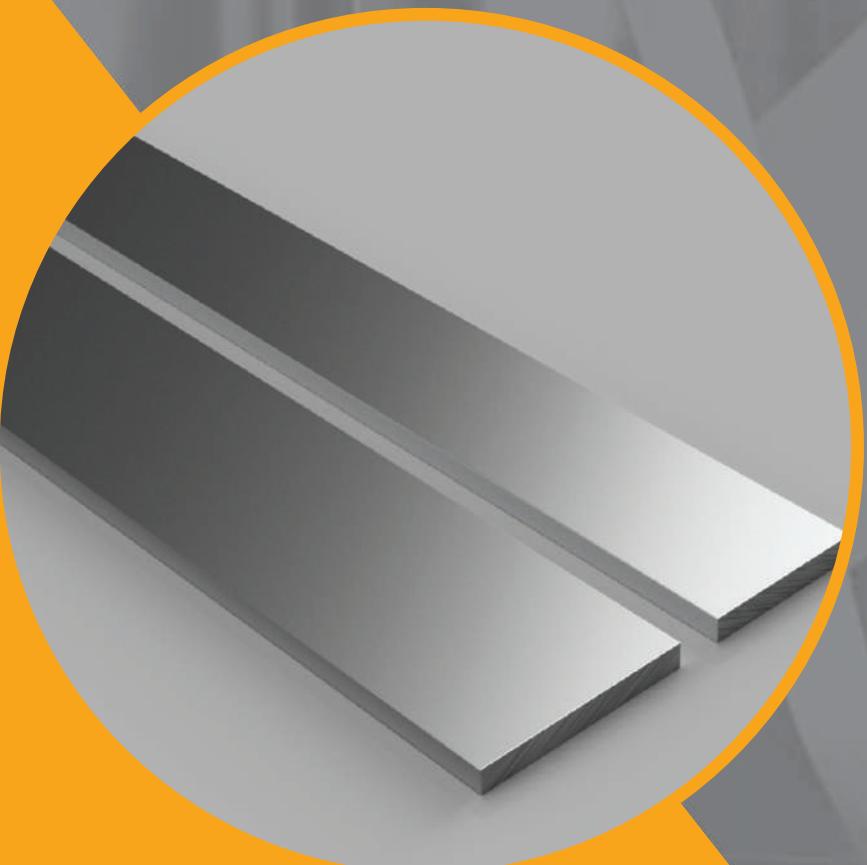
### Stainless Steel

202, 304, 304L, 316, 316L

**Thickness** 3 mm to 50 mm

**Width** 8 mm to 150 mm

**Finish** CR & HR



# ANGLE

## ANGLE

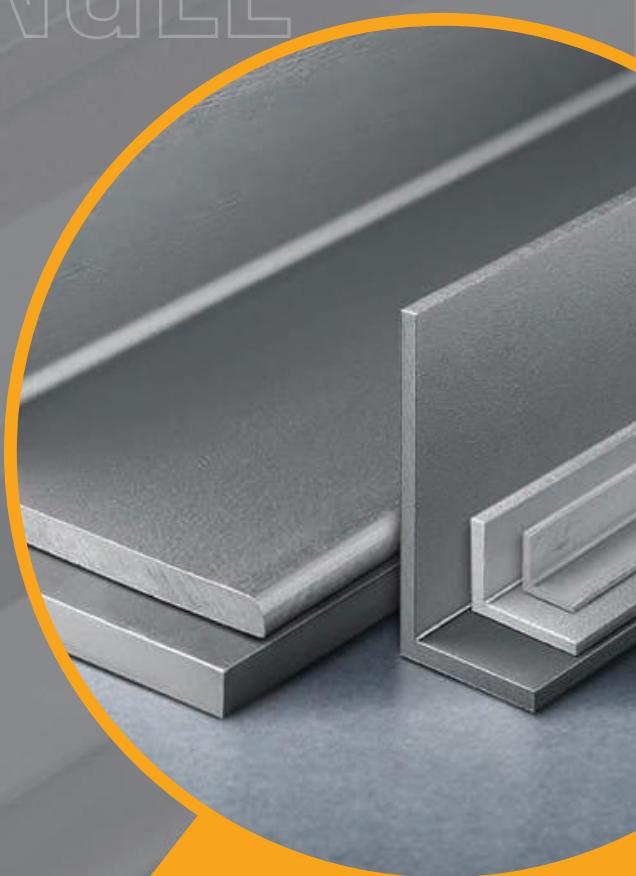
### Stainless Steel

202, 304, 304L, 316, 316L

**Thickness** 3 mm to 12 mm

**Width** 20 mm x 20 mm to 150 mm x 150 mm

**Finish** HR



# CHANNEL

## CHANNEL

### Stainless Steel

304, 304L, 316, 316L

**Thickness** 5 mm to 10 mm

**Width** 75 mm x 40 mm

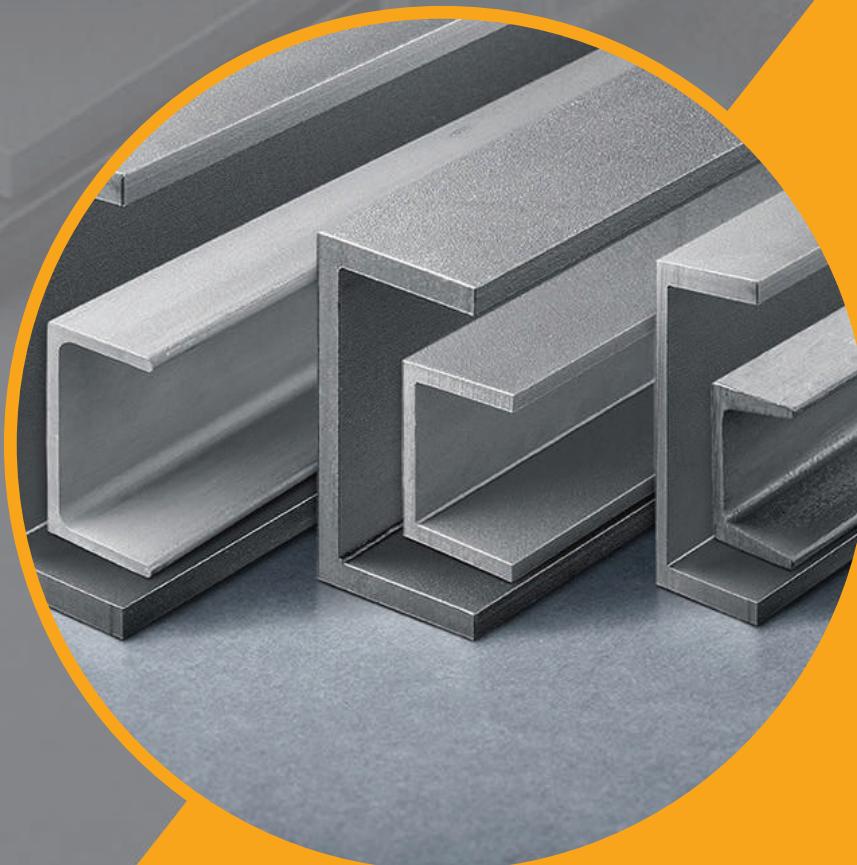
80 mm x 40 mm

100 mm x 50 mm

150 mm x 40 mm

150 mm x 50 mm

**Finish** HR, No.1



# CIRCLE



## CIRCLE

**Stainless Steel**

202, 304, 316

**Thickness**

1 mm to 100 mm

# PERFORATED SHEET

## PERFORATED SHEET

**Stainless Steel**

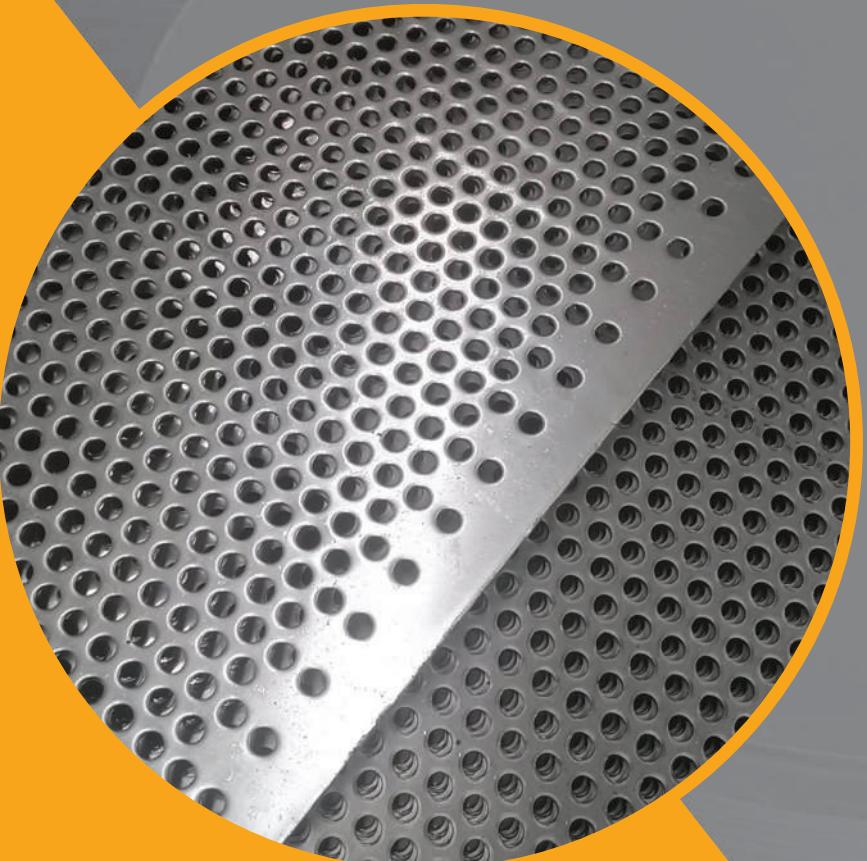
304, 304L, 310, 310S, 316, 316L,  
321, 904L, 409, 409L, 409M,  
410, 410S, 420, 430, 441

**Thickness**

0.3mm to 15mm

**Width**

1000mm to 2000mm  
or customized



# SPECIALIST IN 400 SERIES

## SHEETS

### Grades

430, 409, 409L, 409M X2CrNi12, 441

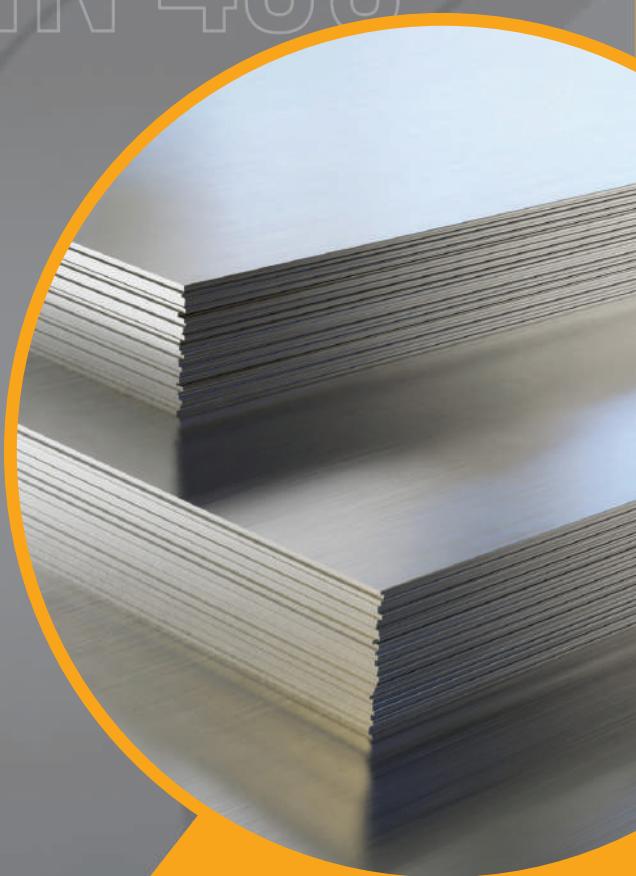
**Thickness** 0.30 mm to 3.00 mm

**Size** 1000 mm x 2000 mm,

1250 mm x 2500 mm

1500 mm x 3000 mm & customized sizes

**Finish** 2B, BA, N4PVC, HAIRLINE



## SHEET & COILS

## COIL

### Grades

430, 409, 409L, 409M X2CrNi12, 441

**Thickness** 0.3 mm to 3 mm

**Width** 1000 mm, 1250 mm,

1500 mm, &

customized width

**Finish**

2B / N4PVC / BA / NO.1



# Chemical Composition

CHEMICAL COMPOSITION								
	JSL Designation/ Grade	%C (Max)	%Mn (Max)	%P (Max)	%S (Max)	%Si (Max)	%Cr	%Ni
Austenitic Cr-Mn	J-201	0.15	5.5-7.5	0.060	0.030	1.00	16.00-18.00	3.50-5.50
	J-201L	0.030	5.5-7.5	0.045	0.030	0.75	16.00-18.00	3.50-5.50
	J-201LN	0.030	6.4-7.5	0.045	0.015	0.75	16.00-17.50	4.00-5.00
	J-202	0.15	7.5-10.0	0.060	0.030	1.00	17.00-19.00	4.00-6.00
	J-204Cu	0.10	6.5-9.0	0.060	0.010	0.75	16.00-17.50	1.50-3.50
	JSLAUS(J1)	0.08	6.0-8.0	0.070	0.010	0.75	16.00-18.00	4.00-6.00
	J-4	0.10	8.50-10.0	0.080	0.010	0.75	15.00-16.00	1.00-2.00
	JSL U DD	0.12	9.75-11.0	0.1	0.015	0.75	14.75-16.25	0.50-0.80
	JSL U SD	0.12	9.75-11.0	0.1	0.015	0.75	14.50-16.00	0.4-0.75
	JT	0.13	9.75-11.0	0.1	0.015	0.75	14.0-15.25	0.40 min
	J-301	0.15	2.00	0.045	0.030	1.00	16.00-18.00	6.00-8.00
	J-301L	0.030	2.00	0.045	0.030	1.00	16.00-18.00	6.00-8.00
	J-301LN	0.030	2.00	0.045	0.030	1.00	16.00-18.00	6.00-8.00
	J-304	0.07	2.00	0.045	0.030	0.75	17.50-19.50	8.00-10.50
Austenitic Cr-Ni	J-304H	0.04-0.10	2.00	0.045	0.030	0.75	18.00-20.00	8.00-10.50
	J-304L	0.030	2.00	0.045	0.030	0.75	17.50-19.50	8.00-12.00
	J-304LN	0.030	2.00	0.045	0.030	0.75	18.00-20.00	8.00-12.00
	J-30815	0.05-0.10	0.80	0.04	0.03	1.40-2.00	20.0-22.0	10.0-12.0
	J-3095	0.08	2.00	0.045	0.030	0.75	22.00-24.00	12.00-15.00
	J-3105	0.08	2.00	0.045	0.030	1.50	24.00-26.00	19.00-22.00
	J-316	0.08	2.00	0.045	0.030	0.75	16.00-18.00	10.00-14.00
	J-316L	0.030	2.00	0.045	0.030	0.75	16.00-18.00	10.00-14.00
	J-316LN	0.030	2.00	0.045	0.030	0.75	16.00-18.00	10.00-14.00
	J-316Ti	0.08	2.00	0.045	0.030	0.75	16.00-18.00	10.00-14.00
	J-317	0.08	2.00	0.045	0.030	0.75	18.00-20.00	11.00-15.00
	J-317L	0.030	2.00	0.045	0.030	0.75	18.00-20.00	11.00-15.00
	J-317LN	0.030	2.00	0.045	0.030	0.75	18.00-20.00	11.00-15.00
	J-31727	0.030	1.00	0.030	0.030	1.00	17.50-19.00	14.50-16.50
Martensitic	J-321	0.08	2.00	0.045	0.030	0.75	17.00-19.00	9.00-12.00
	J-347	0.08	2.00	0.045	0.030	0.75	17.00-19.00	9.00-13.00
	J-904L	0.02	2.00	0.05	0.04	1.00	19.0-23.0	23.0-28.0
	J-410	0.08-0.15	1.00	0.040	0.030	1.00	11.50-13.50	0.75 max
	J-415	0.05	0.50-1.00	0.030	0.030	0.60	11.50-14.00	3.50-5.50
	J-420	0.15 min	1.00	0.040	0.030	1.00	12.00-14.00	0.75 max
	J-420J1	0.16-0.25	1.00	0.040	0.030	1.00	12.0-14.0	0.6
	J-420J2	0.26-0.40	1.00	0.040	0.030	1.00	12.0-14.0	0.6
	J-420MoV	0.45-0.55	1.00	0.040	0.015	1.00	14.0-15.0	-
	J-431	0.20	1.00	0.040	0.030	1.00	15.00-17.00	1.25-2.50
Ferritic	JBS	0.6-0.7	1.00	0.028	0.020	0.75	12.50-13.50	-
	J-405	0.08	1.00	0.040	0.030	1.00	11.50-14.50	0.60
	J-409	0.030	1.00	0.040	0.020	1.00	10.50-11.70	0.50 max
	J-409L	0.030	1.00	0.040	0.020	1.00	10.50-11.70	0.50 max
	J-409Ni	0.030	1.00	0.040	0.030	1.00	10.5-11.7	0.50-1.00
	J-410S	0.08	1.00	0.040	0.030	1.00	11.50-13.50	0.60 max
	J-430	0.12	1.00	0.040	0.030	1.00	16.00-18.00	0.75 max
	J-430Ti	0.030	1.00	0.040	0.030	1.00	16.00-19.00	-
	J-432	0.025	1.00	0.040	0.030	1.00	17.0-20.0	-
	J-436	0.120	1.00	0.040	0.030	1.00	16.00-18.00	-
	J-436L	0.025	1.00	0.040	0.030	1.00	16.00-19.00	-
	J-439	0.030	1.00	0.040	0.030	1.00	17.00-19.00	0.50 max
	J-441	0.030	1.00	0.040	0.015	1.00	17.50-18.50	-
	J-444	0.025	1.00	0.040	0.030	1.00	17.5-19.5	1.00
	J-446	0.20	1.50	0.040	0.030	1.00	23.0-27.0	0.75
Ferritic + Martensitic								
	J-409M	0.030	0.8-1.5	0.030	0.030	1.00	10.50-12.50	1.50 max
Duplex (Austenitic+Ferritic)								
	J-2205	0.030	2.00	0.030	0.020	1.00	22.00-23.00	4.50-6.50
	J-2304	0.030	2.50	0.040	0.030	1.00	21.50-24.50	3.00-5.50
	J-32101*	0.040	4.00-6.00	0.040	0.030	1.00	21.0-22.0	1.35-1.70

\*For <5mm, as per ASTM 2480

# Mechanical Properties

				MECHANICAL PROPERTIES				
	JSL Designation/Grade	%Mo	N PPM (Max)	% Others	Tensile Strength MPa (min)	Yield Strength MPa (min)	% Elongation (min)	Hardness Rockwell B (max)
Austentic Cr-Mn	J201	-	2500	-	655	310	40	100
	J201L	-	2500	-	655	310	40	100
	J201LN	-	1000-2500	Cu = 1.0 Max.	655	310	45	100
	J202	-	2500	-	620	260	40	100
	J204Cu	-	1000-2500	Cu = 2.0-4.0	620	310	40	100
	JSLAUS (J1)	-	1000	Cu = 1.5-2.0	550	205	40	95
	J4	-	2000	Cu = 1.5-2.0	650	325	40	100
	JSL U DD	-	-	Cu=1.75-2.50 / N=0.2 Max.	700	350	40	100
	JSL U SD	-	-	Cu=1.00-1.50 / N=0.2 Max.	700	350	40	100
	JT	-	-	Cu=0.40-1.00 / N=2000	700	350	40	100
Austenitic Cr-Ni	J-301	-	1000	-	515	205	40	95
	J-301L	-	2000	-	550	220	45	100
	J-301LN	-	700-2000	-	550	240	45	100
	J-304	-	1000	-	515	205	40	92
	J-304H	-	-	-	515	205	40	92
	J-304L	-	1000	-	485	170	40	92
	J-304LN	-	1000-1600	-	515	205	40	95
	J-30815	-	1400-2000	Ce=0.03-0.08	600	310	40	95
	J-3095	-	-	-	515	205	40	95
	J-3105	-	-	-	515	205	40	95
	J-316	2.00-3.00	1000	-	515	205	40	95
	J-316L	2.00-3.00	1000	-	485	170	40	95
	J-316LN	2.00-3.00	1000-1600	-	515	205	40	95
	J-316Ti	2.00-3.00	1000	Ti=5X(C+N) Min., 0.70 Max.	515	205	40	95
	J-317	3.00-4.00	1000	-	515	205	35	95
	J-317L	3.00-4.00	1000	-	515	205	40	95
	J-317LN	3.00-4.00	1000-2200	-	550	240	40	95
	J-31727	3.80-4.50	1500-2100	Cu=2.8-4.0	550	245	35	96
Martensitic	J-321	-	1000	Ti=5X(C+N) Min., 0.70 Max.	515	205	40	95
	J-347	-	-	Nb=10XC Min., 1.00 Max.	515	205	40	92
	J-904L	4.00-5.00	1000	Cu=1.00-2.00	490	220	35	90
	J-410	-	-	-	450	205	20	96
	J-415	0.50-1.00	-	-	795	620	15	32rc
	J-420	0.50 max	-	-	690	-	15	96
	J-420J1	-	-	-	520	225	18	97
Ferritic	J-420J2	-	-	-	540	225	18	99
	J-420MoV	0.50-0.80	-	V=0.10-0.20	850 max	-	12	100
	J-431	-	-	-	-	-	-	29rc
	JBS	-	-	-	-	-	-	-
	J-405	-	-	Al=0.10-0.30	415	170	20	88
	J-409	-	300	Ti=6X (C+N) Min., 0.5 Max., Cb=0.17 Max.	380	170	20	88
	J-409L	-	300	Ti=6X (C+N) Min., 0.75 Max.	380	170	20	88
	J-409Ni	-	300	Ti=6X(C+N) Min, 0.75 Max	415	275	20	92
	J-410S	-	-	-	415	205	22	89
	J-430	-	-	-	450	205	22	89
	J-430Ti	-	-	Ti=0.10-1.00	360	175	22	90
	J-432	0.40-0.80	250	Ti/Nb=8X(C+N) Min, 0.80 Max	410	245	20	96
	J-436	0.75-1.25	-	Nb=5XC Min., 0.70 Max.	450	240	22	89
	J-436L	0.75-1.50	250	% Nb or & Ti or % combination = 8X (C+N) Min., 0.80 Max.	410	245	20	96
	J-439	-	300	Ti=0.20+4X (C+N) Min., 1.10 Max, Al=0.15 Max.	415	205	22	89
	J-441	-	-	Nb=3X% C+0.3 Min, 1% Max., T1=0.1-0.6%	430	250	18	88
	J-444	1.75-2.50	350	(Ti+Nb) 0.20+4(C+N) Min, 0.80 Max	415	275	20	96
	J-446	-	2500	-	515	275	20	96
Ferritic + Martensetic								
	J-409M-	-	300	Ti=0.75 Max.	450	275	20	90
Duplex (Austenitic + Ferritic)								
	J-2205	3.0-3.50	1400-2000	-	655	450	25	31rc
	J-2304	0.05-0.60	500-2000	Cu0.05 Min.-0.60 Max.	600	400	25	32rc
	J-32101*	0.10-0.80	0.20-0.25	Cu 0.10 - 0.80	700	530	30	31hrc

Grades other than these can also be manufactured. Specific chemical and mechanical properties can also be supplied by mutual agreement.

## Contact Us



### OFFICE ADDRESS

3rd Khetwadi, Lifescapes  
Harihar, 2nd Floor, Office no 13,  
Mumbai - 400004, India



### WAREHOUSE ADDRESS

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### SHOP ADDRESS

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