

*YOUR STAINLESS
STEEL PARTNER*

*CHOOSE STAINLESS STEEL,
CHOOSE A STRONGER TOMORROW.*



NAVKARDEEP
— STEEL PVT LTD —

An ISO 9000 & ISO 14001 Certified Company



NAVKARDEEP
— STEEL PVT LTD —

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THE FUTURE IS HERE AND

IT'S STAIN-LESS



BUILDING TOMORROW'S WORLD WITH DURABLE STAINLESS SOLUTIONS.

ABOUT US

We Navkardeep Steel Pvt. Ltd., a fully integrated Stainless-Steel plant, where craftsmanship meets excellence legacy and innovation shapes the future of stainless-steel. Founded in 1985, Navkardeep Steel Private Limited is a Gujarat-based manufacturer, situated in one of the fastest-growing industrial hubs of India. We have established ourselves as a trusted name in the stainless-steel industry, synonymous with quality, reliability, and unparalleled expertise by partnering our stake holders.

40 YEARS OF INNOVATION, QUALITY, & TRUST.

With a steel melting capacity of 24,000 tons per annum year and a rolling capacity of 48,000 tons per annum, we operate state-of-the-art facilities, including a **Steel Melting Shop, 16" Semi-Automatic Rolling Mill, 10" Semi-Automatic Rolling Mill, Reheating Furnace, Solution Annealing Furnace, Shot Blasting Machine, Bright Bar unit, Cold Draw unit, and Pickling Plant.** Every stage of production is meticulously executed to deliver products of exceptional quality and durability.

Certified Excellence:

Navkardeep Steel Pvt. Ltd an ISO 14001:2015 certified company, we are committed to sustainable practices and minimizing our environmental footprint, ensuring that every step of our production process aligns with the highest standards of environmental management.

Our extensive product portfolio features a wide array of stainless-steel offerings, including **Billets, RCS, Round Bars, Bright Bars, Angles, Channels, Flat Bars, Hexagonal Bars, and Square Bars.** Each product reflects our steadfast commitment to excellence, tailored to meet the unique requirements of our discerning clientele.

We invite you to experience the NSPL difference, where tradition meets innovation, and each product narrates a story of unmatched craftsmanship and quality.

MANAGEMENT'S THOUGHTS

As India's stainless-steel industry embarks on a journey of growth and progress, it is with great pride that we, at Navkaar Group stand at the forefront, committed to shaping and amplifying this transformative phase.

At Navkar Group, we have built our 40-year legacy on a strong commitment to quality and innovation. We invest in research and development to meet our customers' needs and focus on sustainable practices that help the environment.

Our dedicated team works together to drive growth and support India's development. By maintaining strong relationships with our customers and ensuring high standards, we continue to shape the future of stainless steel with trust and reliability.

VISION STATEMENT

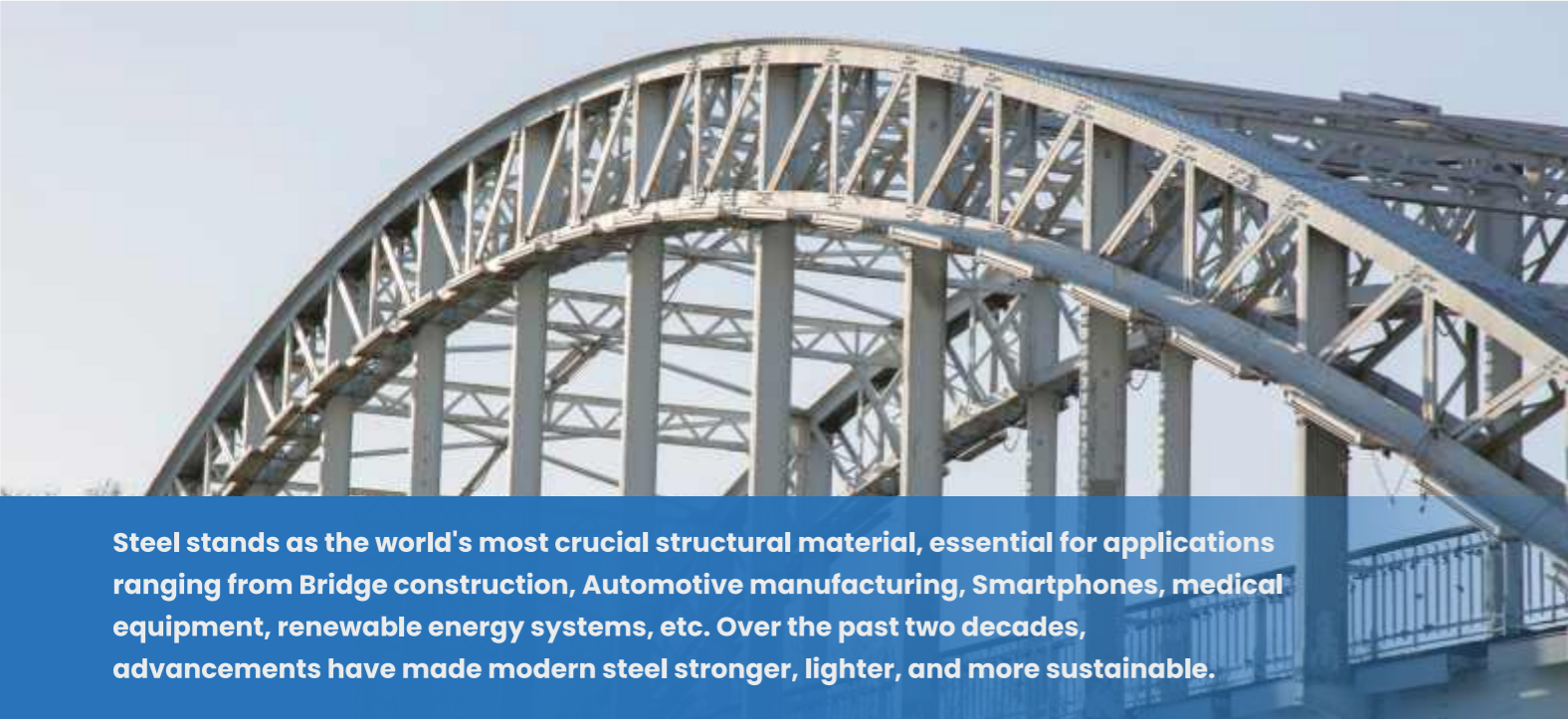
At Navkardeep Steel Pvt Ltd, a proud member of the Navkar group, we aspire to be the trusted partner in the stainless steel industry, nurturing family-like relationships with our customers. We envision a future where our innovative, eco-friendly practices lead to a carbon-neutral environment.

MISSION STATEMENT

At Navkardeep Steel Pvt Ltd, part of the esteemed Navkar group, our mission is to manufacture top-quality stainless steel products that prioritize customer needs. With 40 years of expertise, we focus on exceptional service, industry leadership, and eco-friendly practices, working towards a sustainable future with minimal pollution.



STRENGTHENING OUR COMMITMENT TO QUALITY STEEL PRODUCTION.



Steel stands as the world's most crucial structural material, essential for applications ranging from Bridge construction, Automotive manufacturing, Smartphones, medical equipment, renewable energy systems, etc. Over the past two decades, advancements have made modern steel stronger, lighter, and more sustainable.

OUR EXTENSIVE PRODUCTS:



01 BILLETS

AS CAST BILLETS

Size Range (mm)	75x75	80x80	100x100	110x110	125x125	140x140
Surface Finish	As Cast					
Length	Up to 9.0 meter & As per Customer's Requirement					
Supply Condition	Spot Ground or Fully Ground Condition					



02 ROUND CORNERED SQUARES (RCS)

HOT ROLLED RCS

Size Range (mm)	45x45	53x53	63x63	75x75	80x80	90x90
Surface Finish	As Rolled Black Condition OR Hot Rolled Black Bar					
Length	3000 mm to 6000 mm					
Supply Condition	Hot Rolled, Annealed					



03 BLACK ROUND BARS

HOT ROLLED ROUND BARS

Size Range (mm)	16 to 120 mm
Surface Finish	Hot Rolled Black Bar
Length	3000 mm to 6000 mm
Supply Condition	Hot Rolled, Annealed & Straighten



04 BRIGHT ROUND BARS

EXPORT BRIGHT ROUND BARS

Size Range (mm)	5 to 120 mm
Surface Finish	Export Bright Bars
Length	3000 mm to 6000 mm
Supply Condition	Hot Rolled, Annealed, Export Finish



05 HEXAGONAL AND SQUARE BARS

DRAWN & ALUMINIUM FINISH HEX AND SQUARE BARS

Size Range (mm)	16 mm to 53 mm
Surface Finish	Hot Rolled, Hot Rolled Annealed Pickled, Export.
Length	3000 mm to 6000 mm
Supply Condition	Belt Polish, Pickled, Drawn Export.

WEIGHT CHART (KG/M)

Size (mm)	Rounds	Hex	Square
2	0.025	0.027	0.031
3	0.056	0.061	0.07
4	0.1	0.108	0.125
5	0.156	0.172	0.197
6	0.224	0.248	0.283
7	0.305	0.333	0.385
8	0.399	0.441	0.504
9	0.505	0.55	0.637
10	0.623	0.689	0.787
11	0.754	0.822	0.952
12	0.897	0.992	1.134
13	1.053	1.148	1.33
14	1.221	1.35	1.543
15	1.402	1.55	1.771
16	1.595	1.763	2.015
17	1.801	1.991	2.275
18	2.019	2.232	2.551
19	2.25	2.487	2.842
20	2.493	2.755	3.149
21	2.748	3.038	3.472
22	3.016	3.331	3.81
23	3.297	3.507	4.164
24	3.59	3.967	4.534

WEIGHT CHART (KG/M)

Size (mm)	Rounds	Hex	Square
25	3.895	4.305	4.92
26	4.213	4.594	5.321
27	4.543	5.021	5.739
28	4.886	5.4	6.172
30	5.609	6.199	7.085
32	6.382	7.053	8.061
34	7.204	7.963	9.1
35	7.634	8.438	9.643
36	8.077	8.927	10.202
38	8.999	9.946	11.367
40	9.971	11.021	12.595
42	10.99	12.15	13.886
45	12.62	13.948	15.941
50	15.58	17.202	19.68
55	18.852	-	-
58	20.964	-	-
60	22.435	-	-
65	26.33	-	-
70	30.573	-	-
75	35.055	-	-
80	39.885	-	-
85	45.026	-	-
90	50.479	-	-

WEIGHT CHART (KG/M)

Size (mm)	Rounds	Hex	Square
95	56.224	-	-
100	62.32	-	-
105	68.708	-	-
110	75.407	-	-
115	82.418	-	-
120	89.741	-	-
125	97.375	-	-
130	105.321	-	-
135	113.578	-	-
140	122.147	-	-
145	131.028	-	-
150	140.22	-	-





06 FLAT BARS

Size Range (mm)	20 25 30 32 35 40 45 50 60 70 75 80 90 100
Thickness (mm)	3,4,5,6,7,8,10,12,16,20,25,32
Surface Finish	Pickled Polish
Length	Upto 6.0 meter & As per Customer's Requirement
Supply Condition	Plain ends without burrs or Sharp Edges

FLAT BAR WEIGHT CHART

Size (mm)	Weight (Kg/mtr)	Size (mm)	Weight (Kg/mtr)	Size (mm)	Weight (Kg/mtr)	Size (mm)	Weight (Kg/mtr)
20 x 3	0.47	32 x 10	2.80	50 x 20	7.80	65 x 10	5.10
20 x 4	0.63	32 x 12	3.30	50 x 25	9.80	65 x 12	6.10
20 x 5	0.79	32 x 16	4.40	50 x 30	11.88	65 x 16	8.20
20 x 6	0.94	38 x 3	1.40	50 x 32	12.67	65 x 20	10.20
20 x 8	1.27	38 x 5	1.50	50 x 40	15.60	65 x 25	12.80
20 x 10	1.58	38 x 10	3.01	60 x 5	2.38	65 x 30	15.44
20 x 12	1.90	38 x 12	3.60	60 x 6	2.80	65 x 32	16.47
25 x 3	0.60	40 x 3	0.90	60 x 8	3.80	75 x 5	2.97
25 x 4	0.79	40 x 4	1.27	60 x 10	4.75	75 x 6	3.50
25 x 5	1.00	40 x 5	1.60	60 x 12	5.70	75 x 8	4.70
25 x 6	1.20	40 x 6	1.90	60 x 16	7.60	75 x 10	5.90
25 x 8	1.55	40 x 8	2.50	60 x 20	9.50	75 x 12	7.10
25 x 10	2.00	40 x 10	3.10	60 x 25	11.88	75 x 16	9.40
25 x 12	2.40	40 x 12	3.80	60 x 30	14.26	75 x 20	11.80
25 x 16	3.17	40 x 16	5.00	60 x 32	15.21	75 x 25	14.70
30 x 3	0.70	40 x 20	6.30	63 x 6	3.00	75 x 32	19.01
30 x 4	0.95	40 x 25	7.90	63 x 8	4.00	75 x 40	23.60
30 x 5	1.20	40 x 32	9.51	63 x 10	4.92	100 x 5	3.96
30 x 6	1.40	45 x 12	4.20	63 x 12	5.90	100 x 6	4.70
30 x 8	1.90	50 x 3	1.20	63 x 16	7.90	100 x 8	6.30
30 x 10	2.38	50 x 4	1.60	63 x 20	9.90	100 x 10	7.80
30 x 12	2.85	50 x 5	2.00	63 x 25	12.40	100 x 12	9.40
30 x 16	3.80	50 x 6	2.40	63 x 32	15.80	100 x 16	12.60
32 x 3	0.80	50 x 8	3.10	63 x 40	19.80	100 x 20	15.70
32 x 5	1.30	50 x 10	3.90	65 x 5	2.57	100 x 25	19.60
32 x 6	0.46	50 x 12	4.70	65 x 6	3.09	100 x 30	23.76
32 x 8	2.20	50 x 16	6.30	65 x 8	4.10	100 x 32	25.10



07 ANGLE BAR

Size Range (mm)	20x20	25x25	30x30	32x32	35x35	38x38	40x40
	45x45	50x50	60x60	65x65	70x70	75x75	80x80
Thickness (mm)	3, 4, 5, 6, 7, 8, 10						
Surface Finish	Pickled Polish						
Length	Up to 6.0 meter & As per Customer's Requirement						
Supply Condition	Plain ends without burrs or Sharp Edges						

ANGLE WEIGHT CALCULATOR

Sizes (Mtr)	Approx Weight (Kg/Mtr)	Sizes (Mtr)	Approx Weight (Kg/Mtr)	Sizes (Mtr)	Approx Weight (Kg/Mtr)
20X20X3	0.90	35 x 35 x 3	1.58	65 x 65x 5	5.02
20x20x4	1.13	35 x 35 x 4	2.07	65 x 65 x 8	7.75
20x20x5	1.37	35 x 35 x 5	2.55	70 x 70 x 5	5.35
25 x 25 x 3	1.13	35 x 35 x 6	3.01	70 x 70 x 6	6.40
25 x 25 x 4	1.46	40 x 40 x 3	1.83	75x75x5	5.69
25 x 25 x 5	1.78	40 x 40 x 4	2.41	75 x 75 x 6	6.85
25 x 25 x 6	2.07	40 x 40 x 5	2.97	75 x 75 x 8	9.05
30 x 30 x 3	1.37	40 x 40 x 6	3.49	80 x 80 x 6	7.35
30 x 30 x 4	1.78	50 x 50 x 3	2.28	80 x 80 x 8	9.65
30 x 30 x 5	2.20	50 x 50 x 4	3.05	80 x 80 x 10	11.98
30 x 30 x 6	2.54	50 x 50 x 5	3.78	10x100 x 6	9.14
32 x 32 x 3	1.44	63 x 63 x 4	3.90	100 x 100 x 8	12.20
32 x 32 x 4	1.88	63 x 63 x 5	3.90	100 x 100 x 12	18.00
32 x 32 x 5	2.32	63 x 63 x 8	7.50		
32 x 32 x 6	2.73	65 x 65 x 4	4.00		



08 STAINLESS STEEL U CHANNELS

Size Range	50.80 x 25.40 x 4.76 mm / 50.80 x 25.40 x 6.35 mm 75 x 40 x 4.7 x 6.9 mm / 76.20 x 38.10 x 6.35 mm 100 x 50 x 6 x 8.5 mm / 101.60 x 40.13 x 4.57 mm 101.60 x 43.69 x 7.93 mm / 101.60 x 44.45 x 6.35 mm
Surface Finish	Pickled Polish
Length	Upto 6.0 meter & As per Customer's Requirement
Supply Condition	Plain ends without burrs or Sharp Edges



LEADING THE WAY IN SUPERIOR STAINLESS STEEL SOLUTIONS

QUALITY

Our Products quality begins with state-of-the-art melt shop aiming advanced control of product composition, structure, and inclusion pattern resulting in very clean steel.

Our goal is to ensure that Steel produced by NSPL is quality-approved, meeting global standards, and thereby maintaining confidence in various manufacturing sectors.

QUALITY TESTING

- ▶ Optical Emission spectrometers/Chemical Composition
- ▶ Portable handled Spectrometer
- ▶ Rockwell & Brinell hardness testers
- ▶ Corrosion Resistance
- ▶ Ultrasonic testing for internal Soundness
- ▶ Mechanical Properties
- ▶ Surface Finish Quality
- ▶ Dimensional Accuracy
- ▶ Metallurgical Examination
- ▶ Certifications and Standards

Note: Implementing Above comprehensive testing parameters helps guarantee the reliability, performance, and safety of stainless steel across various industries and applications. The specific tests and standards applied may vary based on the grade, intended use, and industry requirements.

STAINLESS STEEL GRADES LISTED IN THE INTERNATIONAL STANDARD ISO 15510:2010							
(listed by type of steel structure and by increasing intermediate 3-digits code of the ISO name)							
Type	ISO-Name (1)	ISO Designation	EN	UNS	AISI	JIS	GB(国标)
M	4006-410-00-I	X12Cr13	1.4006	S41000	410	SUS410	S41010
M	4005-416-00-I	X12CrS13	1.4005	S41600	416	SUS416	S41617
M	4031-420-00-I	X39Cr13	1.4031	S42000	420		S42040
M	4019-430-20-I	X14CrS17	1.4019,1.4104	S43020	430F		S11717
M	4057-431-00-X	X17CrNi16-2	1.4057	S43100	431	SUS431	S43120
F	4002-405-00-I	X6CrAl13	1.4002	S40500	405	SUS405	S11348
A	4372-201-00-I	X12CrMnNiN17-7-5	1.4372	S20100	201	SUS201	S35350
A	4373-202-00-I	X12CrMnNiN18-9-5	1.4373	S20200	202	SUS202	S35450
A	4310-301-00-I	X10CrNi18-8	1.4310	S30100	301		S30110
A	4305-303-00-I	X10CrNiS18-9	1.4305	S30300	303	SUS303	S30317
A	4306-304-03-I	X2CrNi19-11	1.4306	S30403	304L	SUS304L	S30403
A	4301-304-00-I	X5CrNi18-9	1.4301	S30400	304	SUS304	S30408
A	4435-316-91-I	X2CrNiMo18-14-3	1.4435	S31603	316L	SUS316L	S31603
A	4401-316-00-I	X5CrNiMo17-12-2	1.4401	S31600	316	SUS316	S31608

A:austenitic F:ferritic M:martensitic *) patented grade " " : 'AISI like' common name

Disclaimer : The above table is for information only, it has been carefully checked but may still contain unspotted errors.

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WHY NAVKARDEEP




We have continued and further building, on the superior technology, professionalism and international outlook into our DNA.

From raw material procurement to the final product, our comprehensive infrastructure and seamless operations ensure precise control over quality, sustainability, and cost-effectiveness.

By consolidating all production stages in one location, we have fortified our capability to deliver superior stainless-steel products tailored to the diverse needs of our clients.

- ▶ Global Presence
- ▶ Professionalism
- ▶ Customized Grade
- ▶ Wide Product Portfolio
- ▶ International Standard and Certifications
- ▶ Efficient Quality Management
- ▶ Effective Deliveries
- ▶ Customer Satisfaction.
- ▶ Support to Customer.

KEY ELEMENTS

- 
Customer Relationships:
 At Navkardeep Steel, we treat our customers like family, fostering trust and loyalty.
- 
Focus on Quality & Service:
 Our commitment to excellence ensures that we deliver only the best products and services.
- 
Market Leadership:
 As a top leader in the stainless steel industry, we at Navkardeep Steel continuously innovate to stay ahead.
- 
Pollution Control:
 Our operations prioritize minimizing pollution, ensuring a cleaner environment for future generations.
- 
Environmental Responsibility:
 We, the Navkar group, are dedicated to eco-friendly practices that support carbon neutrality.



YOUR PARTNER FOR SUPERIOR STAINLESS STEEL SOLUTIONS



OUR COMMITMENT TO SUSTAINABILITY

At Navkar Group, we believe in leading the a greener future. We are dedicated to reducing our environmental impact and contributing to a sustainable India.

As a part of ongoing efforts, we are implementing advanced energy solutions that align with our commitment to eco-friendly practices. Our initiatives not only enhance our manufacturing processes but also support the transition to renewable energy sources.

Together, we can build a sustainable future.

CRAFTING A CLEANER FUTURE WITH RESPONSIBLE STAINLESS-STEEL SOLUTIONS.



CERTIFICATIONS

As a leading manufacturer of high-quality stainless steel products, we have successfully earned ISO certifications, demonstrating our commitment in maintaining the highest standards of quality and operational excellence.

This certification highlights the company's adherence to globally recognized processes and best practices in manufacturing, ensuring that its products meet stringent quality requirements. By implementing effective quality management systems, we have not only enhanced our operational efficiency but also reinforced customer confidence in the reliability and durability of stainless steel products.

This achievement reflects the company's dedication to continuous improvement and customer satisfaction in the competitive stainless steel industry.

ISO 9001-2015



ISO 14001-2015