

UTSAV STEELS



PRODUCT BROCHURE DETAILED EDITION

REDEFINING STEEL TRADE

www.utsavsteels.in



About UTSAV STEELS

EXPLORE WHO WE ARE

We are Eastern India's premier supplier of high - quality iron and steel products. With a legacy spanning over 50 years since 1972, we are here to provide with unique solutions that are tailor made for your specific requirements. We at Utsav Steels are proud to have established ourselves as an esteemed & trusted name in the Iron & Steel Industry.

55+

SKU'S

53000+

HAPPY CUSTOMERS

99.07 %

CLIENTS SATISFACTION

DIVERSIFIED PRODUCT RANGE

LONG PRODUCTS | FLAT PRODUCTS | INNOVATIVE PRODUCTS

STRUCTURAL (M.S. & G.I.):
ANGLES, CHANNELS & BEAMS

RAILS:
INDUSTRIAL RAIL, CRANE RAIL,
OLD USED & IMPORTED

M.S. & BRIGHT BARS:
FLAT & ROUND

M.S. SQUARE BARS

BACKBONE OF YOUR PROJECTS

DIVERSIFIED PRODUCT RANGE

LONG PRODUCTS | FLAT PRODUCTS | INNOVATIVE PRODUCTS

TMT BARS

M.S. & HIGH QUALITY PLATES

HOT ROLLED PRODUCTS:
COILS, SHEETS & PLATES

COLD ROLLED PRODUCTS:
COILS & SHEETS

FORGED TO PROTECT, BUILT TO LAST

DIVERSIFIED PRODUCT RANGE

LONG PRODUCTS | FLAT PRODUCTS | INNOVATIVE PRODUCTS

PIPES:

ERW, HOLLOW SECTION,
SEAMLESS & SPIRAL WELDED

GALVANISED IRON SHEETS:
PLAIN & CORRUGATED

SEMIS & PIG IRON

ROOFING & CLADDING
SOLUTIONS

WE HAVE GOT YOU COVERED

DIVERSIFIED PRODUCT RANGE

LONG PRODUCTS | FLAT PRODUCTS | INNOVATIVE PRODUCTS

FASTENERS, PIPE FITTINGS
& WIRE PRODUCTS

STAINLESS STEEL PRODUCTS

CARBON & ALLOY STEEL
PRODUCTS:
FLAT & ROUND BARS

FORGED BARS:
FLAT & ROUND

YOUR ONE-STOP STEEL SOLUTION

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MILD STEEL ANGLE

Introducing the unbeatable **Mild Steel Angle** – the perfect solution for all your construction and fabrication needs. At Utsav Steels, we take pride in offering a superior product that EXCEEDS your expectations at every turn.

Discover why Mild Steel Angle is the top choice for industry professionals:

- **Unparalleled Strength & Reliability**
- **Precision Engineering** for Seamless Integration
- **Unmatched Versatility**
- **Unrivalled Durability**
- **Reliable Timely Delivery**

Partner with Utsav Steels today

Product Name: Mild Steel Equal Angle

Category: Structural Steel

Shape: L - Shaped

Surface: Mill Finish

Colour: Natural Metallic Gray

Minimum Order Quantity: 01 Metric Tonne

HSN CODE: 7216



Payment Terms: NEFT / RTGS / IMPS

Delivery Time: Usually 1-2 Business Days for Intra State, Exact duration depends on specific location

Main Domestic Market: Eastern Region



Make: Local Rolled

IS 2062: 2011 E 250 A

Length: 6 mtr & 12 mtr

CHEMICAL COMPOSITION							
Grade	Quality	Ladle Ananlysis, Wt % Max					Carbon Equivalent Max
		C	Mn	S	P	Si	
E 250	A	0.22	0.82	0.042	0.037	0.24	0.34

MECHANICAL PROPERTIES						
Grade	Quality	Tensile Strength min MPa	Yield Stress min. MPa			% Elongation A, at Gauge (min)
			<20 mm	20-40 mm	>40 mm	
E 250	A	337	250	240	230	23

Dispatch Locations:

- Kolkata
- Durgapur, WB

Sizes Available:

19 x 19 x 3 mm to
200 x 200 x 20 mm

Country of Origin:

India



Weight Chart

Local Size (in mm)	Weight per Ft in Kg	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)	Approx Running Meter Length in 1 Metric Ton
19 x 19 x 3	0.251	0.824	4.946	203	1218
19 x 19 x 5	0.395	1.295	7.772	129	774
20 x 20 x 3	0.266	0.871	5.228	191	1146
20 x 20 x 5	0.419	1.374	8.243	121	726
25 x 25 x 3	0.337	1.107	6.641	151	906
25 x 25 x 5	0.539	1.766	10.598	94	564
30 x 30 x 3	0.409	1.342	8.054	124	744
30 x 30 x 5	0.658	2.159	12.952	77	462
30 x 30 x 6	0.775	2.543	15.258	66	396
32 x 32 x 3	0.438	1.437	8.619	116	696
32 x 32 x 5	0.706	2.316	13.896	72	432
32 x 32 x 6	0.833	2.732	16.392	61	366
35 x 35 x 5	0.778	2.551	15.306	65	390
35 x 35 x 6	0.919	3.014	18.084	55	330
40 x 40 x 3	0.553	1.813	10.878	92	552
40 x 40 x 4	0.727	2.386	14.316	70	420
40 x 40 x 5	0.897	2.944	17.664	57	342
40 x 40 x 6	1.062	3.485	20.910	48	288
45 x 45 x 5	1.017	3.336	20.016	50	300

Weight Chart

Local Size (in mm)	Weight per Ft in Kg	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)	Approx Running Meter Length in 1 Metric Ton
45 x 45 x 6	1.206	3.956	23.736	42	252
50 x 50 x 3	0.696	2.284	13.704	73	438
50 x 50 x 5	1.137	3.729	22.374	45	270
50 x 50 x 6	1.349	4.427	26.562	38	228
55 x 55 x 5	1.256	4.121	24.726	40	240
55 x 55 x 6	1.493	4.898	29.388	34	204
60 x 60 x 5	1.376	4.514	27.084	37	222
60 x 60 x 6	1.637	5.369	32.214	31	186
60 x 60 x 8	2.144	7.034	42.204	24	144
65 x 65 x 5	1.495	4.906	29.436	34	204
65 x 65 x 6	1.78	5.840	35.040	29	174
65 x 65 x 8	2.355	7.662	45.972	22	132
65 x 65 x 10	2.871	9.420	56.520	18	108
70 x 70 x 5	1.615	5.299	31.794	31	186
70 x 70 x 6	1.924	6.311	37.866	26	156
70 x 70 x 8	2.527	8.290	49.740	20	120
70 x 70 x 10	3.11	10.205	61.230	16	96
75 x 75 x 5	1.735	5.691	34.146	29	174
75 x 75 x 6	2.067	6.782	40.692	25	150

Weight Chart

Local Size (in mm)	Weight per Ft in Kg	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)	Approx Running Meter Length in 1 Metric Ton
75 x 75 x 8	2.718	8.918	53.508	19	114
75 x 75 x 10	3.35	10.990	65.940	15	90
80 x 80 x 6	2.211	7.253	43.518	23	138
80 x 80 x 8	2.909	9.546	57.276	17	102
80 x 80 x 10	3.589	11.775	70.650	14	84
80 x 80 x 12	4.249	13.942	83.652	12	72
90 x 90 x 6	2.498	8.195	49.170	20	120
90 x 90 x 8	3.292	10.802	64.812	15	90
90 x 90 x 10	4.068	13.345	80.070	12	72
90 x 90 x 12	4.824	15.826	94.956	11	66
100 x 100 x 6	2.785	9.137	54.822	18	108
100 x 100 x 8	3.675	12.058	72.348	14	84
100 x 100 x 10	4.546	14.915	89.490	11	66
100 x 100 x 12	5.398	17.710	106.260	9	54
110 x 110 x 10	5.025	16.485	98.910	10	60
110 x 110 x 12	5.972	19.594	117.564	9	54
130 x 130 x 10	5.982	19.625	117.750	8	48
130 x 130 x 12	7.121	23.362	140.172	7	42
130 x 130 x 16	9.341	30.646	183.876	5	30

Weight Chart

Local Size (in mm)	Weight per Ft in Kg	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)	Approx Running Meter Length in 1 Metric Ton
130 x 130 x 20	11.485	37.680	226.080	4	24
150 x 150 x 10	6.939	22.765	136.590	7	42
150 x 150 x 12	8.269	27.130	162.780	6	36
150 x 150 x 16	10.872	35.670	214.020	5	30
150 x 150 x 20	13.399	43.960	263.760	4	24
200 x 200 x 12	11.14	36.550	219.300	5	30
200 x 200 x 16	14.701	48.230	289.380	3	18
200 x 200 x 20	18.184	59.660	357.960	3	18

TOLERANCE

As per IS 808: 2021	
Sectional Weight Tolerance	
Thickness	Tolerance
Upto 3 mm	±5%
> 3 mm	±4%

As per IS 1852:1985	
Dimensional Tolerance	
Leg Length	Tolerance
Upto 45 mm	±1.5 mm
> 45 to 100 mm	±2 mm
> 100 mm	±2%

Make: SAIL/RINL/JINDAL

IS 2062: 2011

Length: 12 mtr

CHEMICAL COMPOSITION

Grade	Quality	Ladle Analysis, Wt % Max					Carbon Equivalent Max
		C	Mn	S	P	Si	
E 250	BR	0.22	1.50	0.045	0.045	0.40	0.41
E 350	BR	0.20	1.55	0.045	0.045	0.45	0.47

MECHANICAL PROPERTIES

Grade	Quality	Tensile Strength min MPa	Yield Stress min. MPa			% Elongation A, at Gauge (min)
			<20 mm	20-40 mm	>40 mm	
E 250	BR	410	250	240	230	23
E 350	BR	490	350	330	320	22

Country of Origin:

India

Dispatch Locations:

Kolkata

Sizes Available:

SAIL: 50 x 50 x 6 to 200 x 200 x 20

RINL: 50 x 50 x 6 to 100 x 100 x 12

JINDAL: 100 x 100 x 8 to 200 x 200 x 20

SAIL Weight Chart

Size (in mm)	Weight per Ft in Kg	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)	Approx Running Meter Length in 1 Metric Ton
50 x 50 x 6	1.349	4.427	26.562	38	228
65 x 65 x 6	1.780	5.840	35.040	29	174
65 x 65 x 8	2.355	7.662	45.972	22	132
65 x 65 x 10	2.871	9.420	56.520	18	108
75 x 75 x 6	2.067	6.782	40.692	25	150
75 x 75 x 8	2.718	8.918	53.508	19	114
75 x 75 x 10	3.350	10.990	65.940	15	90
75 x 75 x 12	3.962	13.000	78.000	13	78
90 x 90 x 6	2.498	8.195	49.170	20	120
90 x 90 x 8	3.292	10.802	64.812	15	90
90 x 90 x 10	4.068	13.345	80.070	12	72
90 x 90 x 12	4.824	15.826	94.956	11	66
100 x 100 x 6	2.785	9.137	54.822	18	108
100 x 100 x 8	3.675	12.058	72.348	14	84
100 x 100 x 10	4.546	14.915	89.490	11	66
100 x 100 x 12	5.398	17.710	106.260	9	54
110 x 110 x 10	5.025	16.485	98.910	10	60
110 x 110 x 12	5.972	19.594	117.564	9	54
130 x 130 x 10	5.982	19.625	117.750	8	48

SAIL Weight Chart

Size (in mm)	Weight per Ft in Kg	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)	Approx Running Meter Length in 1 Metric Ton
130 x 130 x 12	7.121	23.362	140.172	7	42
150 x 150 x 10	6.939	22.765	136.590	7	42
150 x 150 x 12	8.269	27.130	162.780	6	36
150 x 150 x 16	10.872	35.670	214.020	5	30
150 x 150 x 20	13.399	43.960	263.760	4	24
200 x 200 x 12	11.140	36.550	219.300	5	30
200 x 200 x 16	14.701	48.230	289.380	3	18
200 x 200 x 20	18.184	59.660	357.960	3	18



RINL Weight Chart

Size (in mm)	Weight per Ft in Kg	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)	Approx Running Meter Length in 1 Metric Ton
50 x 50 x 6	1.349	4.427	26.562	38	228
65 x 65 x 6	1.780	5.840	35.040	29	174
65 x 65 x 8	2.355	7.662	45.972	22	132
65 x 65 x 10	2.871	9.420	56.520	18	108
75 x 75 x 6	2.067	6.782	40.692	25	150
75 x 75 x 8	2.718	8.918	53.508	19	114
75 x 75 x 10	3.350	10.990	65.940	15	90
75 x 75 x 12	3.962	13.000	78.000	13	78
90 x 90 x 6	2.498	8.195	49.170	20	120
90 x 90 x 8	3.292	10.802	64.812	15	90
90 x 90 x 10	4.068	13.345	80.070	12	72
90 x 90 x 12	4.824	15.826	94.956	11	66
100 x 100 x 6	2.785	9.137	54.822	18	108
100 x 100 x 8	3.675	12.058	72.348	14	84
100 x 100 x 10	4.546	14.915	89.490	11	66
100 x 100 x 12	5.398	17.710	106.260	9	54



JINDAL Weight Chart

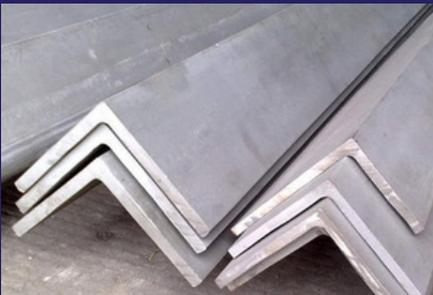
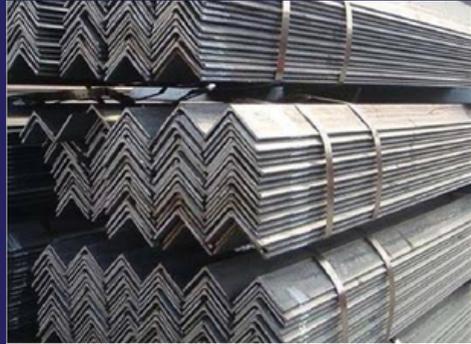
Size (in mm)	Weight per Ft in Kg	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)	Approx Running Meter Length in 1 Metric Ton
100 x 100 x 8	3.675	12.058	72.348	14	84
100 x 100 x 10	4.546	14.915	89.490	11	66
100 x 100 x 12	5.398	17.710	106.260	9	54
130 x 130 x 10	5.982	19.625	117.750	8	48
130 x 130 x 12	7.121	23.362	140.172	7	42
130 x 130 x 16	9.341	30.646	183.876	5	30
150 x 150 x 10	6.939	22.765	136.590	7	42
150 x 150 x 12	8.269	27.130	162.780	6	36
150 x 150 x 16	10.872	35.670	214.020	5	30
150 x 150 x 20	13.399	43.960	263.760	4	24
200 x 200 x 12	11.140	36.550	219.300	5	30
200 x 200 x 16	14.701	48.230	289.380	3	18
200 x 200 x 20	18.184	59.660	357.960	3	18



Applications:

Used in a range of industrial applications, including:

- **Transmission towers & lines**
- Buildings, bridges, and other structures for support
- **General structural use in construction**
- Transportation frames and corners
- **Support frames that require welding, riveting or bolting on bridges and buildings**
- Machinery and equipment frames, braces and corners
- **Precipitators**
- Scaffolding
- **Border Fencing**



MILD STEEL CHANNEL

Introducing **Mild Steel Channel**, a versatile and reliable product that offers exceptional strength and durability for your construction and manufacturing needs. **Crafted from high-quality low carbon steel**, our mild steel channels, also known as C-channels or U-channels, are designed to deliver outstanding performance in a wide range of applications.

We provide mild steel channels in **standardized sizes** and profiles, **streamlining the integration process into your designs** and construction plans. With common profiles such as C-shaped and U-shaped channels, our products **offer compatibility with existing structural components**, saving you time and effort during installation.

Product Name: Mild Steel Channel

Category: Structural Steel

Shape: C - Shaped / U - Shaped

Surface: Mill Finish

Colour: Natural Metallic Gray

Minimum Order Quantity: 01 Metric Tonne



HSN CODE: 7216

Payment Terms: NEFT / RTGS / IMPS

Delivery Time: Usually 1-2 Business Days for Intra State, Exact duration depends on specific location

Main Domestic Market: Eastern Region



Make: Local Rolled

IS 2062: 2011 E 250 A

Length: 6 mtr & 12 mtr

CHEMICAL COMPOSITION							
Grade	Quality	Ladle Analysis, Wt % Max					Carbon Equivalent Max
		C	Mn	S	P	Si	
E 250	A	0.22	0.96	0.042	0.037	0.24	0.36

MECHANICAL PROPERTIES						
Grade	Quality	Tensile Strength min MPa	Yield Stress min. MPa			% Elongation A, at Gauge (min)
			<20 mm	20-40 mm	>40 mm	
E 250	A	337	250	240	230	23

Dispatch Locations:

- Kolkata
- Durgapur, WB

Sizes Available:

75 x 40 mm to
400 x 100 mm

Country of Origin:

India



Weight Chart

Local Size (in mm)	Weight per Ft in Kg	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)	Approx Running Meter Length in 1 Metric Ton
75 x 40 x 4.8	2.18	7.140	42.840	23	138
100 x 50 x 5	2.91	9.560	57.360	17	102
125 x 65 x 5.3	3.99	13.100	78.600	13	78
150 x 75 x 5.7	5.120	16.800	100.800	10	60
175 x 75 x 6	5.970	19.600	117.600	9	54
200 x 75 x 6.2	6.800	22.300	133.800	7	42
250 x 82 x 9	10.420	34.200	205.200	5	30
300 x 90 x 7.8	11.060	36.300	217.800	5	30
350 x 100 x 8.3	11.090	36.400	218.400	5	30
400 x 100 x 8.8	15.270	50.100	300.600	3	18

Gate Channel
13"
14"
15"
16"

Make: SAIL/RINL/JINDAL

IS 2062: 2011

Length: 12 mtr

CHEMICAL COMPOSITION

Grade	Quality	Ladle Analysis, Wt % Max					Carbon Equivalent Max
		C	Mn	S	P	Si	
E 250	BR	0.22	1.50	0.045	0.045	0.40	0.41
E 350	BR	0.20	1.55	0.045	0.045	0.45	0.47

MECHANICAL PROPERTIES

Grade	Quality	Tensile Strength min MPa	Yield Stress min. MPa			% Elongation A, at Gauge (min)
			<20 mm	20-40 mm	>40 mm	
E 250	BR	410	250	240	230	23
E 350	BR	490	350	330	320	22

Country of Origin:

India

Dispatch Locations:

Kolkata

Sizes Available:

SAIL: 75 x 40 to 400 x 100

RINL: 75 x 40 to 200 x 75

JINDAL: 100 x 50 to 400 x 100

SAIL Weight Chart

Size (in mm)	Weight per Ft in Kg	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)	Approx Running Meter Length in 1 Metric Ton
75 x 40 x 4.8	2.180	7.140	42.840	23	138
100 x 50 x 5.0	2.910	9.560	57.360	17	102
125 x 65 x 5.3	3.990	13.100	78.600	13	78
150 x 75 x 5.7	5.120	16.800	100.800	10	60
150 x 76 x 6.5	5.395	17.700	106.200	9	54
200 x 75 x 6.2	6.800	22.300	133.800	7	42
200 x 76 x 7.5	7.408	24.300	145.800	7	42
250 x 82 x 9.0	10.420	34.200	205.200	5	30
300 x 90 x 7.8	11.060	36.300	217.800	5	30
400 x 100 x 8.8	15.270	50.100	300.600	3	18

TOLERANCE

As per IS 808: 2021 & IS 3954: 1991	
Sectional Tolerance	
Thickness	Tolerance
Upto 3 mm	±5%
> 3 mm	±4%

RINL Weight Chart

Size (in mm)	Weight per Ft in Kg	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)	Approx Running Meter Length in 1 Metric Ton
75 x 40 x 4.8	2.180	7.140	42.840	23	138
100 x 50 x 5.0	2.910	9.560	57.360	17	102
125 x 65 x 5.3	3.990	13.100	78.600	13	78
150 x 75 x 5.7	5.120	16.800	100.800	10	60
200 x 75 x 6.2	6.800	22.300	133.800	7	42

TOLERANCE

As per IS 1852:1985 & IS 3954: 1991		
Dimensional Tolerance		
Depth	Tolerance	Width of Flange
<200 mm	±2.5 mm	±2 mm
>200 to 400 mm	±3 mm	±2 mm

JINDAL Weight Chart

Size (in mm)	Weight per Ft in Kg	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)	Approx Running Meter Length in 1 Metric Ton
100 x 50 x 5.0	2.910	9.560	57.360	17	102
100 x 50 x 6.0	3.231	10.600	63.600	16	96
125 x 65 x 5.3	3.990	13.100	78.600	13	78
125 x 65 x 6.0	4.176	13.700	82.200	12	72
150 x 75 x 5.7	5.120	16.800	100.800	10	60
150 x 75 x 6.5	5.395	17.700	106.200	9	54
175 x 75 x 6.0	5.974	19.600	117.600	9	54
200 x 75 x 6.2	6.800	22.300	133.800	7	42
200 x 100 x 6.0	6.800	22.300	133.80	7	42
250 x 80 x 7.2	10.420	34.200	205.200	5	30
250 x 82 x 9.0	10.420	34.200	205.200	5	30
300 x 90 x 7.8	11.060	36.300	217.800	5	30
300 x 90 x 10.0	12.588	41.300	247.800	4	24
400 x 100 x 8.8	15.270	50.100	300.600	3	18



Applications:

Used in a range of industrial applications, including:

- **Truck and trailer frame supports**
- Equipment and machinery frames and supports
- **Building frames and other support components.**
- Bridges
- **Freight cars**
- Poles
- **Steel plants**
- Refineries
- **Airports**
- Industrial Sheds
- **Railway Mast**
- Scaffolding



MILD STEEL JOIST

Introducing the revolutionary **Mild Steel Joist/Beam**, the **ultimate solution** for all your **structural support needs**. Crafted with precision and engineered to perfection, our Mild Steel Joist combines **strength, durability, and versatility** like never before.

Designed to withstand heavy loads and provide exceptional **structural integrity**, Mild Steel Joist is a tempting choice for architects, engineers, and construction professionals seeking reliable and long-lasting solutions.

Elevate your construction projects & procurement.

Invest in Mild Steel Joist Today

Product Name: Mild Steel Joist/ Beam

Category: Structural Steel

Shape: H - Shaped / I - Shaped

Surface: Mill Finish

Colour: Natural Metallic Gray

Minimum Order Quantity: 01 Metric Tonne



HSN CODE: 7216

Payment Terms: NEFT / RTGS / IMPS

Delivery Time: Usually 1-2 Business Days for Intra State, Exact duration depends on specific location

Main Domestic Market: Eastern Region



Make: Local Rolled

IS 2062: 2011 E 250 A

Length: 6 mtr & 12 mtr

CHEMICAL COMPOSITION							
Grade	Quality	Ladle Analysis, Wt % Max					Carbon Equivalent Max
		C	Mn	S	P	Si	
E 250	A	0.22	0.86	0.042	0.037	0.28	0.34

MECHANICAL PROPERTIES						
Grade	Quality	Tensile Strength min MPa	Yield Stress min. MPa			% Elongation A, at Gauge (min)
			<20 mm	20-40 mm	>40 mm	
E 250	A	337	250	240	230	23

Dispatch Locations:

- Kolkata
- Durgapur, WB

Sizes Available:

100 x 50 mm to
600 x 210 mm

Country of Origin:

India



Weight Chart

Local Size X Web Thickness (in mm)	Weight per Ft in Kg	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)	Approx Running Meter Length in 1 Metric Ton
100 x 50 x 4.7	2.728	8.950	53.700	19	138
125 x 70 x 5	4.069	13.350	80.100	12	102
150 x 75 x 5	4.560	14.960	89.760	11	138
175 x 85 x 5.8	5.943	19.500	117.000	9	60
200 x 100 x 5.7	7.742	25.400	152.400	7	78
250 x 125 x 6.9	11.368	37.300	223.800	4	60
300 x 140 x 7.7	14.051	46.100	276.600	4	24
350 x 140 x 8.1	15.971	52.400	314.400	3	42
400 x 140 x 8.9	18.760	61.550	369.300	3	18
450 x 150 x 9.4	22.060	72.380	434.280	2	18
500 x 180 x 10.2	26.480	86.880	521.280	2	12
600 x 210 x 12	36.879	121.000	726.000	1	6



Make: SAIL/RINL

IS 2062: 2011

Length: 12 mtr

CHEMICAL COMPOSITION

Grade	Quality	Ladle Analysis, Wt % Max					Carbon Equivalent Max
		C	Mn	S	P	Si	
E 250	BR	0.22	1.50	0.045	0.045	0.40	0.41
E 350	BR	0.20	1.55	0.045	0.045	0.45	0.47

MECHANICAL PROPERTIES

Grade	Quality	Tensile Strength min MPa	Yield Stress min. MPa			% Elongation A, at Gauge (min)
			<20 mm	20-40 mm	>40 mm	
E 250	BR	410	250	240	230	23
E 350	BR	490	350	330	320	22

Country of Origin:

India

Sizes Available:

SAIL: 125 x 70 mm to 350 x 140 mm

RINL: 150 x 75 mm

Dispatch Locations:

Kolkata

SAIL Weight Chart

Size X Web Thickness (in mm)	Weight per Ft in Kg	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)	Approx Running Meter Length in 1 Metric Ton
125 x 70 x 5.0	4.054	13.300	79.800	13	78
150 x 75 x 5.0	4.560	14.960	89.760	11	138
200 x 100 x 5.7	7.742	25.400	152.400	7	78
250 x 125 x 6.9	11.368	37.300	223.800	4	60
300 x 140 x 7.7	14.051	46.100	276.600	4	24
350 x 140 x 8.1	15.971	52.400	314.400	3	42

RINL Weight Chart

Size X Web Thickness (in mm)	Weight per Ft in Kg	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)	Approx Running Meter Length in 1 Metric Ton
150 x 75 x 5.0	4.560	14.960	89.760	11	138



TOLERANCE

As per IS 808: 2021 & IS 3954: 1991

Sectional Tolerance

Thickness	Tolerance
Upto 3 mm	$\pm 5\%$
> 3 mm	$\pm 4\%$

As per IS 1852:1985 & IS 3954: 1991

Dimensional Tolerance

Depth	Tolerance	Width of Flange
Upto 200 mm	± 2.0 mm	± 2.5 mm
>200 to 400 mm	± 3.0 mm	± 3.0 mm
> 400 mm	± 4.0 mm	± 4.0 mm



NPB/WPB: SAIL/JINDAL

IS 2062: 2011

Length: 12 mtr

CHEMICAL COMPOSITION

Grade	Quality	Ladle Analysis, Wt % Max					Carbon Equivalent Max
		C	Mn	S	P	Si	
E 250	BR	0.22	1.50	0.045	0.045	0.40	0.41
E 350	BR	0.20	1.55	0.045	0.045	0.45	0.47

MECHANICAL PROPERTIES

Grade	Quality	Tensile Strength min MPa	Yield Stress min. MPa			% Elongation A, at Gauge (min)
			<20 mm	20-40 mm	>40 mm	
E 250	BR	410	250	240	230	23
E 350	BR	490	350	330	320	22

Country of Origin:

India

Sizes Available:

NPB: 100 x 55 mm to 750 x 270 mm

WPB: 100 x 100 mm to 450 x 300 mm

Dispatch Locations:

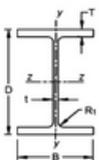
Kolkata

NPB Weight Chart

Size (in mm)	Weight per Meter in Kg	Dimensions				Weight per 12 Meter Pcs in Kg	Approx. Running Meter Length in 1 Metric Ton
		D	B	t	T		
100 x 55	8.100	100	55	4.1	5.7	97.200	123
200 x 100	22.360	200	100	5.6	8.5	268.320	45
200 x 100	25.090	202	102	6.2	9.5	301.080	40
250 x 125	30.110	250	125	6.0	9.0	361.320	33
270 x 135	30.730	267	135	5.5	8.7	368.760	33
270 x 135	36.070	270	135	6.6	10.2	432.840	28
270 x 135	42.260	274	136	7.5	12.2	507.120	24
300 x 150	36.530	297	150	6.1	9.2	438.360	27
300 x 150	42.240	300	150	7.1	10.7	506.880	24
300 x 150	49.320	304	152	8.0	12.7	591.840	20
350 x 170	50.220	357.6	170	6.6	11.5	602.640	20
350 x 170	57.100	360	170	8.0	12.7	685.200	18
350 x 170	66.050	364	172	9.2	14.7	792.600	15
400 x 180	57.380	397	180	7.0	12.0	688.560	17
400 x 180	66.310	400	180	8.6	13.5	795.720	15
400 x 180	75.670	404	182	9.7	15.5	908.040	13
450 x 190	67.160	447	190	7.6	13.1	805.920	15
450 x 190	77.580	450	190	9.4	14.6	930.960	13
450 x 190	92.370	456	192	11.0	17.6	1108.440	11

NPB Weight Chart

Size (in mm)	Weight per Meter in Kg	Dimensions				Weight per 12 Meter Pcs in Kg	Approx. Running Meter Length in 1 Metric Ton
		D	B	t	T		
450 x 190	104.000	460	194	12.0	19.6	1248.000	10
500 x 200	79.360	497	200	8.4	14.5	952.320	13
500 x 200	90.690	500	200	10.2	16.0	1088.280	11
500 x 200	107.320	506	202	12.0	19.0	1287.840	9
550 x 210	92.080	547	210	9.0	15.7	1104.960	11
550 x 210	105.520	550	210	11.1	17.2	1266.240	9
550 x 210	122.520	556	212	12.7	20.2	1470.240	8
600 x 220	107.570	597	220	9.8	17.5	1290.840	9
600 x 220	122.450	600	220	12.0	19.0	1469.400	8
600 x 220	154.470	610	224	15.0	24.0	1853.640	6
600 x 220	183.520	618	228	18.0	28.0	2202.240	5
750 x 270	173.000	762	267	14.4	21.6	2076.000	6
750 x 270	174.540	760	270	14.4	21.6	2094.480	6
750 x 270	185.000	766	267	14.9	23.6	2220.000	5
750 x 270	196.000	770	268	15.6	25.4	2352.000	5
750 x 270	202.490	770	270	15.6	26.6	2429.880	5



- » D : Depth
- » B : Flange Width
- » T : Flange thickness
- » t : Web thickness
- » Ri : Root radius



WPB Weight Chart

Size (in mm)	Weight per Meter in Kg	Dimensions				Weight per 12 Meter Pcs in Kg	Approx. Running Meter Length in 1 Metric Ton
		D	B	t	T		
100 x 100	12.24	91	100	4.2	5.5	146.88	82
100 x 100	16.67	96	100	5.0	8.0	200.04	60
100 x 100	20.44	100	100	6.0	10.0	245.28	49
100 x 100	41.79	120	106	12.0	20.0	501.48	24
120 x 120	14.56	109	120	4.2	5.5	174.72	69
120 x 120	19.89	114	120	5.0	8.0	238.68	50
120 x 120	26.69	120	120	6.5	11.0	320.28	37
120 x 120	52.13	140	126	12.5	21.0	625.56	19
140 x 140	18.07	128	140	4.3	6.0	216.84	55
140 x 140	24.66	133	140	5.5	8.5	295.92	41
140 x 140	33.72	140	140	7.0	12.0	404.64	30
140 x 140	63.24	160	146	13.0	22.0	758.88	16
150 x 150	23.50	152	152	5.8	6.8	282.00	43
150 x 150	30.11	158	153	6.5	9.4	361.32	33
150 x 150	36.97	162	154	8.0	11.5	443.64	27
160 x 160	22.75	148	160	4.5	7.0	273.00	44
160 x 160	30.44	152	160	6.0	9.0	365.28	33
160 x 160	42.59	160	160	8.0	13.0	511.08	23
160 x 160	76.19	180	166	14.0	23.0	914.28	13

WPB Weight Chart

Size (in mm)	Weight per Meter in Kg	Dimensions				Weight per 12 Meter Pcs in Kg	Approx. Running Meter Length in 1 Metric Ton
		D	B	t	T		
200 x 200	34.65	186	200	5.5	8.0	415.80	29
200 x 200	37.34	200	200	6.1	8.9	448.08	27
200 x 200	42.26	190	200	6.5	10.0	507.12	24
200 x 200	50.92	194	202	8.0	12.0	611.04	20
200 x 200	61.30	200	200	9.0	15.0	735.60	16
240 x 240	47.40	224	240	6.5	9.0	568.80	21
240 x 240	60.32	230	240	7.5	12.0	723.84	17
240 x 240	83.20	240	240	10.0	17.0	998.40	12
240 x 240	156.68	270	248	18.0	32.0	1880.16	6
300 x 300	69.80	283	300	7.5	10.5	837.60	14
300 x 300	88.34	290	300	8.5	14.0	1060.08	11
300 x 300	100.85	294	300	10.0	16.0	1210.20	10
300 x 300	117.03	300	300	11.0	19.0	1404.36	9
300 x 300	237.92	340	310	21.0	39.0	2855.04	4
340 x 300	78.90	320	300	8.5	11.5	946.80	13
340 x 300	104.78	330	300	9.5	16.5	1257.36	10
340 x 300	134.16	340	300	12.0	21.5	1609.92	7
340 x 300	290.64	377	309	21.0	40.0	3487.68	3
450 x 300	99.75	425	300	10.0	13.5	1197.00	10

WPB Weight Chart

Size (in mm)	Weight per Meter in Kg	Dimensions				Weight per 12 Meter Pcs in Kg	Approx. Running Meter Length in 1 Metric Ton
		D	B	t	T		
450 x 300	139.76	440	300	11.5	21.0	1677.12	7
450 x 300	171.12	450	300	14.0	26.0	2053.44	6
450 x 300	263.33	478	307	21.0	40.0	3159.96	4

Larger Sizes Available:

- 600 x 300
- 800 x 300
- 700 x 300
- 900 x 300

Used as Electric Pole:

- 160 x 160 x 30.44 Kg/m

Used as Steel Sleepers for Railway Bridges:

- 200 x 200 x 37.34 Kg/m
- 240 x 240 x 60.34 Kg/m

TOLERANCE

As per IS 12778:1989 & DIN 1025: 1994

Sectional Tolerance

Thickness	Tolerance
Upto 3 mm	$\pm 5\%$
> 3 mm	$\pm 4\%$

As per IS 12778:1989 & DIN 1025: 1994

Dimensional Tolerance

Depth	Tolerance	Width of Flange
Upto 200 mm	± 2.5 mm	± 2 mm
>200 to 400 mm	± 3 mm	± 2 mm
> 400 mm	± 4 mm	± 4 mm



Applications:

Used in a range of industrial applications, including:

- **Construction Support Beams for commercial & residential construction**
- Industrial Building Refineries, Steel & Power Plants
- **Warehouses**
- Trailer and Truck bed framing
- **Support beams and columns in bridges**
- Support frames and columns for trolley ways, lifts, hoists & Machine bases
- **Mezzanines and platforms Freight cars**
- Freight cars
- **Scaffoldings**



MILD STEEL RAIL

Introducing Premium Mild Steel Rail: The **Perfect Solution** for Your **Lifting and Material Handling Needs!**

At UtsavSteels, we take immense pride in presenting **high-quality Mild Steel**, a product designed to **exceed your expectations** in terms of **strength, durability, and performance.**

Mild Steel Rail is meticulously crafted to deliver outstanding reliability, making it the **ideal choice** for your lifting and material handling operations.

Product Name: Mild Steel Rail

Category: Heavy Duty Rail

Shape: Flat Bottom

Surface: Mill Finish

Colour: Natural Metallic Gray

Minimum Order Quantity: 01 Metric Tonne

HSN CODE: 7302

Payment Terms: NEFT / RTGS / IMPS

Delivery Time: Usually 1-2 Business Days for Intra State, Exact duration depends on specific location

Main Domestic Market: Pan India



INDUSTRIAL RAIL: LOCAL ROLLED

IS 2062: 2011

Length: 12 mtr

CHEMICAL COMPOSITION

Quality	Ladle Analysis, Wt % Max					
	C	Mn	S	P	Si	H
A	0.10 to 0.30	0.60 to 1.00	0.040	0.040	0.035 to 0.075	1.2 ppm

MECHANICAL PROPERTIES

Quality	Tensile Strength min MPa	Yield Stress min. MPa	% Elongation A, at Gauge (min)
A	440	290	15

Country of Origin:

India

Sizes Available:

- 30 LBS
- 60 LBS

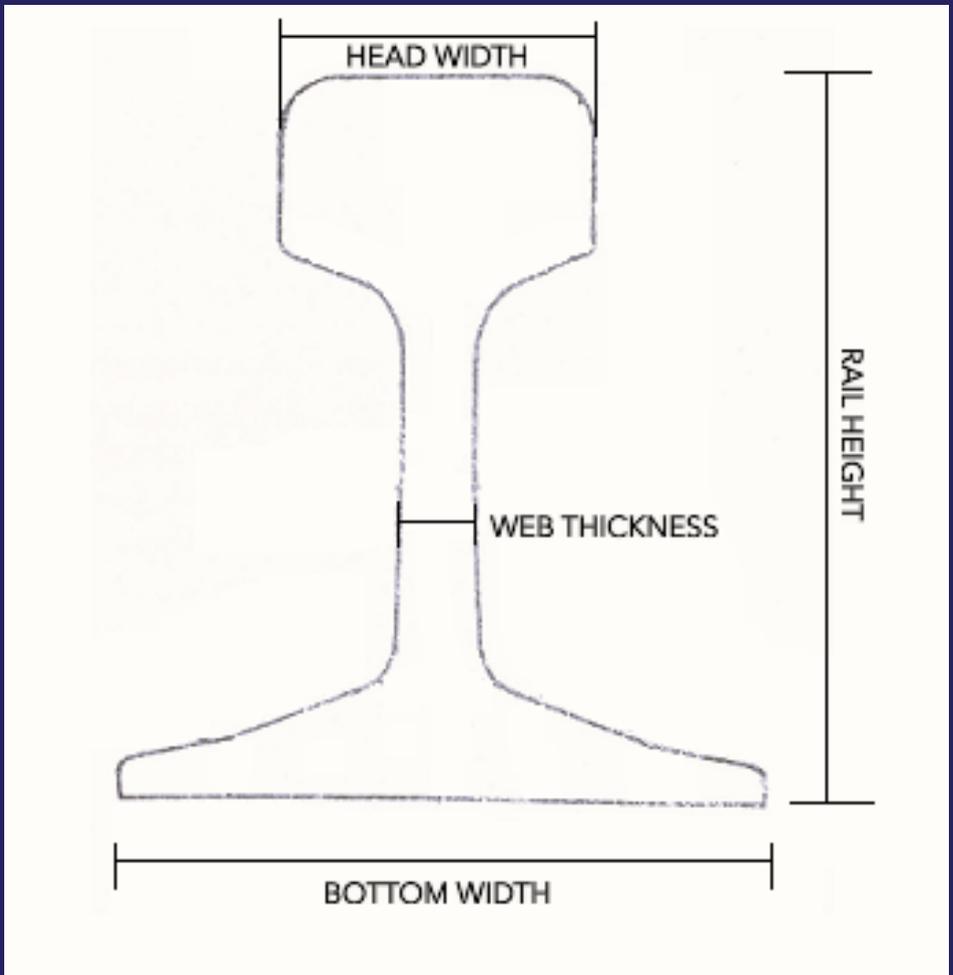
Dispatch Locations:

Kolkata



Weight Chart

Size	Sectional Weight Kg/m	Dimensions			
		Head Width	Rail Height	Bottom Width	Web Thickness
30 LBS	14.90	42.86	79.37	79.37	8.83
60 LBS	29.80	60.30	108.00	108.00	12.30



INDUSTRIAL RAIL: SAIL / JINDAL

IRS-T-12: 2009

Length: 12 mtr

CHEMICAL COMPOSITION							
Quality	Ladle Analysis, Wt % Max						
	C	Mn	S	P	Al	Si	H
880 & 1080 HH	0.60 to 0.82	0.65 to 1.25	0.030	0.025	0.015	0.13 to 0.60	1.6 ppm

MECHANICAL PROPERTIES				
Quality	Tensile Strength min MPa	Yield Stress min. MPa	% Elongation A, at Gauge (min)	Hardness in BHN (min)
880	880	460	10	260
1080 HH	1080	460	10	340-390

Country of Origin:

India

Sizes Available:

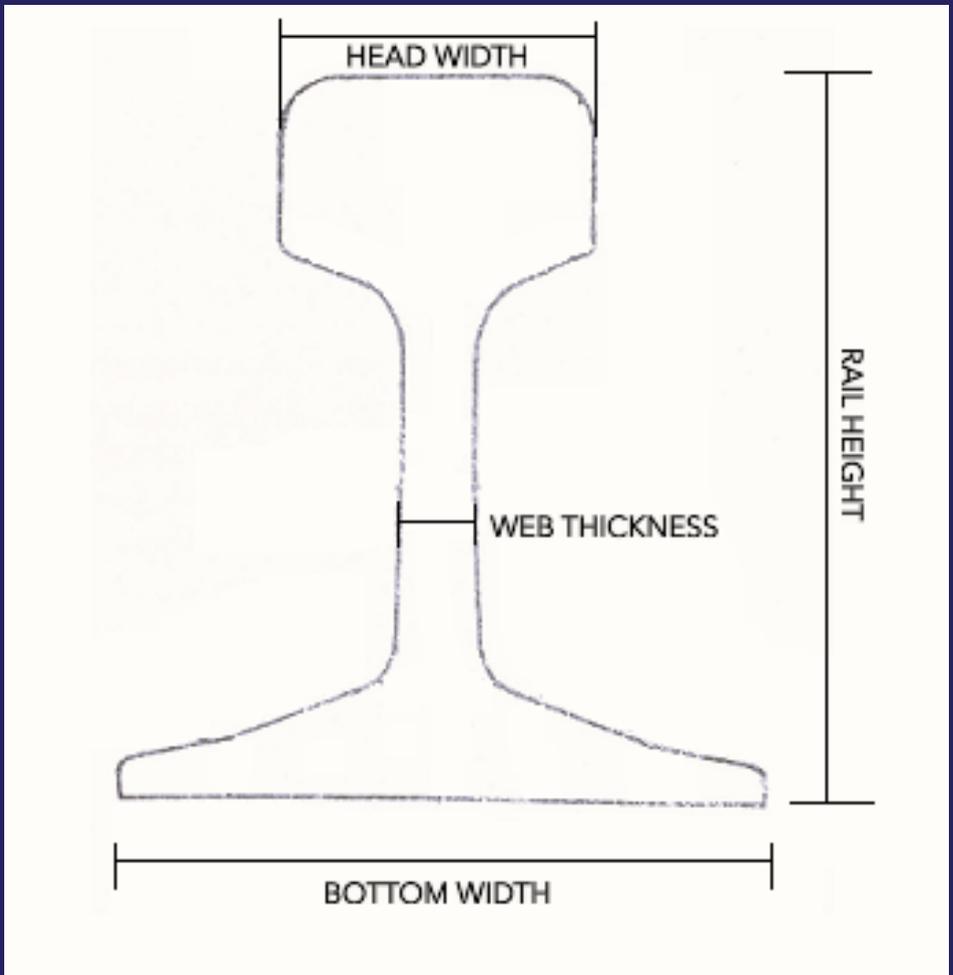
- **SAIL:** R- 52 & R - 60
- **JINDAL:** IRS - 52 & 60 E1

Dispatch Locations:

Kolkata

Weight Chart

Size	Sectional Weight Kg/m	Dimensions			
		Head Width	Rail Height	Bottom Width	Web Thickness
52 KG	51.89	67.00	156.00	136.00	15.50
60 KG	60.34	73.00	176.00	150.00	16.50



OLD USED RAIL

IMPORTED & INDIAN

Length: 5-6 mtr & 10-12 mtr

Sizes Available:

- 90 LBS
- 105 LBS
- 120 LBS

Dispatch Locations:

Kolkata



CRANE RAIL: SAIL / JINDAL

IS 3443: 1980

Length: 12 mtr

CHEMICAL COMPOSITION						
Quality	Ladle Analysis, Wt % Max					
	C	Mn	S	P	Si	H
CR	0.50 to 0.75	1.00 to 1.30	0.040	0.040	0.10 to 0.50	3 ppm

MECHANICAL PROPERTIES			
Quality	Tensile Strength min MPa	% Elongation A, at Gauge (min)	Hardness in BHN (min)
SAIL CR	850	8	250
JINDAL CR	750	14	220

Country of Origin:

India

Sizes Available:

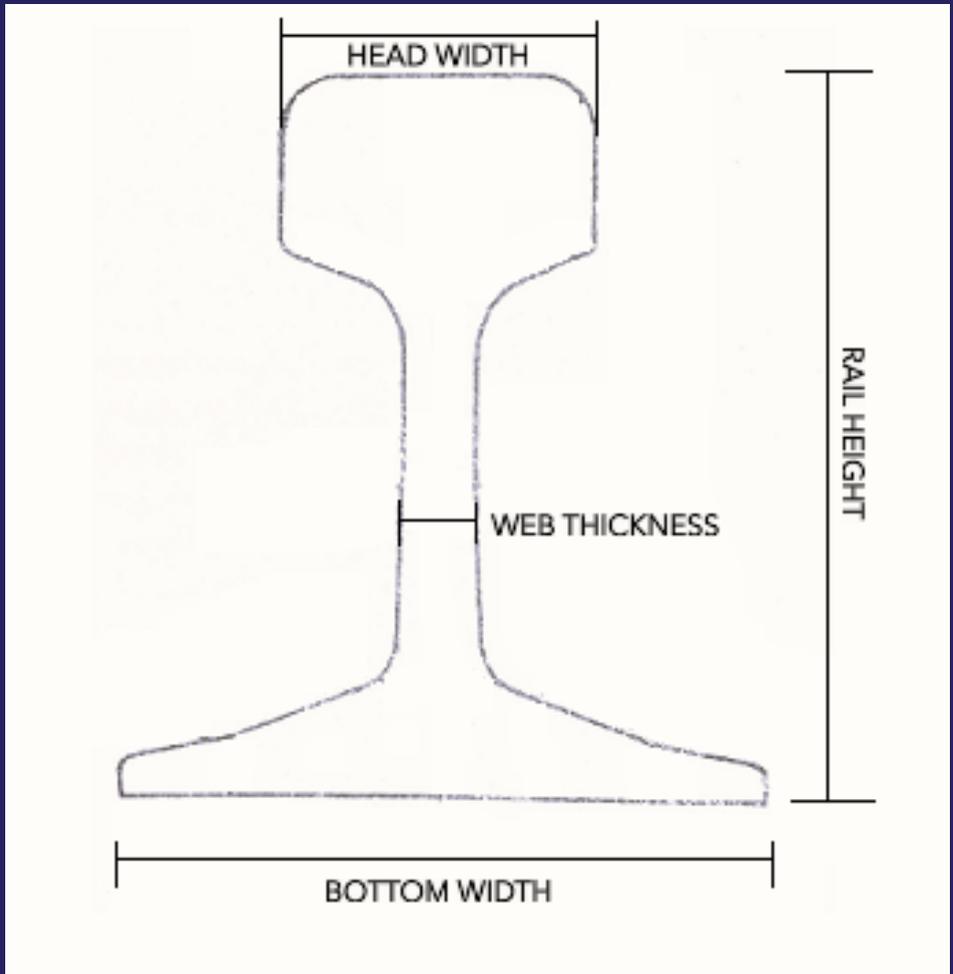
- CR 80
- CR 100
- CR 120

Dispatch Locations:

Kolkata

Weight Chart

Size	Sectional Weight Kg/m	Dimensions			
		Head Width	Rail Height	Bottom Width	Web Thickness
CR 80	64.20	87.00	130.00	130.00	32.00
CR 100	89.00	108.00	150.00	150.00	38.00
CR 120	118.00	129.00	170.00	170.00	44.00



Zu 1-60 RAIL

Length: 12 mtr

Country of Origin: China & India (SAIL)

CHEMICAL COMPOSITION

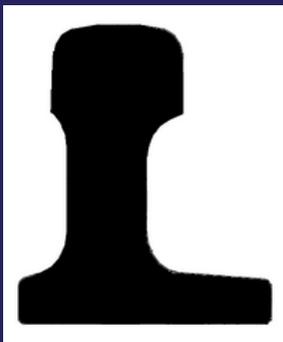
Ladle Analysis, Wt % Max

C	Mn	S	P	Si
0.65 - 0.77	1.10 - 1.50	0.040	0.040	0.15 - 0.35

MECHANICAL PROPERTIES

Tensile Strength min MPa	% Elongation A, at Gauge (min)	Hardness in BHN (min)
880	8	260

Size	Sectional Weight Kg/m	Dimensions			
		Head Width	Rail Height	Bottom Width	Web Thickness
Zu 1 - 60	73.00	74.50	134.00	140.00	44.00



Applications:

Used in a range of industrial applications, including:

- **Light Duty Railway Tracks in Industrial Plants & Warehouses**
- **Structural Support in Construction**
- **Material Handling Systems like Trolley Tracks**
- **Installed in logistics hubs for automated guided vehicles (AGVs)**
- **EOT cranes**
- **Gantry Cranes**
- **Port Cranes**
- **Installed in shipyards and container terminals**
- **Applied in heavy industries like steel mills and power plants**
- **Reprocessed for melting and manufacturing new steel products**
- **Repurposed for guardrails, fencing, and bridge supports**
- **Used for foundry and rolling mill & industrial casting**
- **Used in factories and warehouses for material transportation**
- **Supports mining & quarry rail networks for bulk material handling**



MILD STEEL FLAT

Presenting **Mild Steel Flat Bars: The Benchmark for excellence** in quality, versatility & durability. **Crafted with utmost precision & manufactured using cutting-edge technology.**

At UtsavSteels, we take immense pride in presenting **high-quality Mild Steel**, a product designed to **exceed your expectations** in all aspects.

Here's **why clients should choose us** as their **exclusive supplier**:
Wide Range of Sizes, Reliable SCM, Competitive Pricing.

Product Name: Mild Steel Flat Bars

Category: Mild Steel Bars

Shape: Rectangular Bars

Surface: Mill Finish

Colour: Natural Metallic Gray

Minimum Order Quantity: 01 Metric Tonne

Payment Terms: NEFT / RTGS / IMPS

Delivery Time: Usually 1-2 Business Days for Intra State, Exact duration depends on specific location

Main Domestic Market: Pan India

HSN CODE: 7211



LOCAL ROLLED

IS 2062: 2011

Length: 5-6 mtr

CHEMICAL COMPOSITION

Quality	Ladle Analysis, Wt % Max					
	C	Mn	S	P	Si	CE
A	0.22	0.85	0.040	0.040	0.25	0.35

MECHANICAL PROPERTIES

Quality	Tensile Strength min MPa	Yield Stress min. MPa	% Elongation A, at Gauge (min)
A	400	220	23

Country of Origin:

India

Sizes Available:

18 x 3 mm to 500 x 25 mm

Dispatch Locations:

Kolkata



WEIGHT CHART

Size (in mm)	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)
18 X 3	0.424	2.54	393
18 X 5	0.706	4.24	236
20 X 3	0.471	2.83	354
25 X 3	0.589	3.53	283
25 X 5	0.981	5.89	170
32 X 5	1.256	7.54	133
35 X 5	1.370	8.22	122
35 X 6	1.650	9.90	101
35 X 12	3.300	19.80	51
38 X 12	3.580	21.48	47
40 X 5	1.570	9.42	106
40 X 6	1.880	11.28	89
40 X 8	2.510	15.06	66
40 X 10	3.140	18.84	53
40 X 12	3.770	22.62	44
40 X 16	5.020	30.14	33
40 X 20	6.280	37.68	27
40 X 25	7.850	47.10	21
40 X 32	10.048	60.29	17
45 X 5	1.770	10.62	94
45 X 6	2.120	12.72	79
45 X 8	2.830	16.98	59

WEIGHT CHART

Size (in mm)	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)
45 X 10	3.530	21.18	47
50 X 6	2.360	14.16	71
50 X 8	3.140	18.84	53
50 X 10	3.930	23.58	42
50 X 12	4.710	28.26	35
50 X 16	6.280	37.68	27
50 X 25	9.810	58.86	17
50 X 32	12.560	75.36	13
60 X 8	3.770	22.62	44
65 X 5	2.550	15.30	65
65 X 6	3.060	18.36	54
65 X 8	4.080	24.48	41
65 X 10	5.100	30.60	33
65 X 12	6.120	36.72	27
65 X 14	7.140	42.86	23
65 X 16	8.160	48.96	20
65 X 20	10.200	61.20	16
65 X 25	12.800	76.80	13
65 X 32	16.330	97.98	8
65 X 40	20.400	122.40	7
65 X 50	25.510	153.07	8
75 X 5	2.940	17.64	57

WEIGHT CHART

Size (in mm)	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)
75 X 6	3.530	21.18	47
75 X 8	4.710	28.26	35
75 X 10	5.890	35.34	28
75 X 12	7.070	42.42	24
75 X 16	9.420	56.52	18
75 X 20	11.800	70.80	14
75 X 25	14.700	88.20	11
75 X 32	18.900	113.40	9
75 X 40	23.600	141.60	7
75 X 50	29.440	176.62	6
80 X 6	3.770	22.62	44
100 X 5	3.930	23.58	42
100 X 6	4.710	28.26	35
100 X 8	6.280	37.68	27
100 X 10	7.850	47.10	21
100 X 12	9.420	56.52	18
100 X 16	12.560	75.36	13
100 X 20	15.700	94.20	11
100 X 25	19.600	117.60	9
100 X 32	25.120	150.72	7
100 X 40	31.400	188.40	5
100 X 50	39.250	235.50	4

WEIGHT CHART

Size (in mm)	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)
120 X 16	15.070	90.43	11
125 X 5	4.910	29.44	34
125 X 6	5.900	35.40	28
125 X 8	7.900	47.40	21
125 X 10	9.800	58.80	17
125 X 12	11.800	70.80	14
125 X 16	15.700	94.20	11
125 X 20	19.600	117.60	9
125 X 25	24.500	147.00	7
125 X 32	31.400	188.40	5
150 X 5	5.890	35.32	28
150 X 6	7.070	42.42	24
150 X 8	9.420	56.52	18
150 X 10	11.800	70.80	14
150 X 12	14.100	84.60	12
150 X 16	18.800	112.80	9
150 X 20	23.602	141.60	7
150 X 25	29.400	176.40	6
150 X 32	37.680	226.08	4
160 X 6	7.540	45.22	22
160 X 16	20.100	120.58	8
160 X 20	25.100	150.60	7

WEIGHT CHART

Size (in mm)	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)
175 X 6	8.240	49.45	20
175 X 8	10.990	65.94	15
175 X 10	13.740	82.42	12
175 X 12	16.490	98.91	10
175 X 16	21.980	131.88	8
175 X 20	27.480	164.85	6
175 X 25	34.340	206.06	5
175 X 32	43.960	263.76	4
180 X 12	16.960	101.74	10
180 X 14	19.780	118.69	8
180 X 16	22.610	135.65	7
180 X 20	28.260	169.56	6
200 X 6	9.400	56.40	18
200 X 8	12.560	75.36	13
200 X 10	15.700	94.20	11
200 X 12	18.800	112.80	9
200 X 16	25.100	150.60	7
200 X 20	31.400	188.40	5
200 X 25	39.200	235.20	4
200 X 32	50.240	301.44	3
220 X 14	24.180	145.07	7
225 X 6	10.600	63.58	16

WEIGHT CHART

Size (in mm)	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)
225 X 8	14.130	84.78	12
225 X 10	17.660	105.97	9
225 X 12	21.200	127.17	8
225 X 16	28.260	169.56	6
225 X 20	35.330	211.95	5
225 X 25	44.160	264.94	4
225 X 32	56.520	339.12	3
250 X 6	11.800	70.80	14
250 X 8	15.700	94.20	11
250 X 10	19.600	117.60	9
250 X 12	23.600	141.60	7
250 X 16	31.400	188.40	5
250 X 20	39.200	235.20	4
250 X 25	49.100	294.60	3
250 X 32	62.800	376.80	3
275 X 8	17.270	103.62	10
275 X 10	21.590	129.52	8
275 X 12	25.910	155.43	6
275 X 16	34.540	207.24	5
275 X 20	43.180	259.05	4
275 X 25	53.970	323.81	3
300 X 6	14.100	84.60	12

WEIGHT CHART

Size (in mm)	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)
300 X 8	18.800	112.80	9
300 X 10	23.550	141.30	7
300 X 12	28.300	169.80	6
300 X 16	37.700	226.20	4
300 X 20	47.100	282.60	4
300 X 25	58.800	352.80	3
325 X 8	20.410	122.46	8
325 X 10	25.510	153.07	7
325 X 12	30.620	183.69	85
325 X 16	40.820	244.92	4
325 X 20	51.030	306.15	3
325 X 25	63.780	382.69	3
325 X 32	76.540	459.22	2
325 X 40	102.050	612.30	2
350 X 8	21.980	131.88	8
350 X 10	27.480	164.85	6
350 X 12	32.970	197.82	5
350 X 16	43.960	263.76	4
350 X 20	54.950	329.70	3
350 X 25	68.690	412.12	2
400 X 8	25.120	150.72	7
400 X 10	31.400	188.40	5

WEIGHT CHART

Size (in mm)	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)
400 X 12	37.680	226.08	4
400 X 16	50.240	301.44	3
400 X 20	47.100	282.60	4
400 X 25	62.800	376.80	3
450 X 10	35.330	211.95	5
450 X 12	42.390	254.34	4
450 X 16	56.520	339.12	3
450 X 20	70.650	423.90	2
450 X 25	88.310	529.87	2
500 X 10	39.250	235.50	4
500 X 12	47.100	282.60	4
500 X 16	62.800	376.80	3
500 X 20	78.500	471.00	2
500 X 25	98.130	588.75	2

M.S. Flat Bars are locally rolled and **not produced by the main plant**. However, with a confirmed order and sufficient quantity, we can certainly cut M.S. Flats from M.S. Plates to meet your project requirements.

M.S. BRIGHT FLAT BARS is also available in stock.

Size: 18 x 3 mm to 100 x 25 mm

Length: 5-6 meter/ pc

G.I. FLAT BARS are also available in stock.

Hot Dipped Galvanised

50-60 Microns (Commercial GI), Above 90 Microns & 125 Microns

Applications:

Used in a range of industrial applications, including:

- **Used in Precision-Engineered Parts for Industrial Machines**
- **Essential in Shafts, Axles, and Transmission Systems**
- **Forms Chassis Components & Structural Reinforcements**
- **Used in Beams, Brackets, and Frameworks**
- **Earthing Strips for Electrical Safety and Grounding Systems**
- **Resists rust in Docks, Shipbuilding, and Offshore Platforms**
- **Strengthens Tracks, Platforms, and Walkways**
- **Mounting Brackets for Engines, Gear Systems and other assemblies**
- **Reinforcement Bars for Crash Protection and Safety Components**
- **Welding Applications – Easily cut and welded for various structures**
- **Railway Coach Components and Supporting Structures**
- **Helps in making Jigs, Fixtures, and Cutting Tools**
- **Cable Trays & Power Transmission Supports**
- **Used in Solar Panel Mounting Structures for durability**
- **Applied in ventilation ducts, water tanks, and cooling towers**



MILD STEEL ROUND BAR

Introducing our high-quality **Mild Steel Round Bars**, the **perfect solution for all your construction and fabrication needs**.

Crafted with precision and durability in mind, these round bars are designed to meet the highest industry standards and **exceed your expectations**.

Key Benefits:

- **Cost-effective Solution**
- Precision Engineering
- **Superior Strength**
- Versatility
- **Wide Range of Sizes to meet all industry needs**

Product Name: Mild Steel Round Bars

Category: Mild Steel Bars

Shape: Round Bars

Surface: Mill Finish

Colour: Natural Metallic Gray

Minimum Order Quantity: 01 Metric Tonne



HSN CODE: 7228

Payment Terms: NEFT / RTGS / IMPS

Delivery Time: Usually 1-2 Business Days for Intra State, Exact duration depends on specific location

Main Domestic Market: Pan India



LOCAL ROLLED & RINL

IS 2062: 2011

Length: 4-7 mtr

CHEMICAL COMPOSITION

Quality	Ladle Analysis, Wt % Max					
	C	Mn	S	P	Si	CE
A	0.22	0.85	0.040	0.040	0.25	0.35

MECHANICAL PROPERTIES

Quality	Tensile Strength min MPa	Yield Stress min. MPa	% Elongation A, at Gauge (min)
A	500	350	32

Country of Origin:

India

Sizes Available:

8 mm Dia to 100 mm Dia

Dispatch Locations:

Kolkata



WEIGHT CHART

Size (in mm)	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)
8	0.40	2.40	417
10	0.62	3.72	269
12	0.89	5.34	187
16	1.58	9.48	105
18	2.00	12.00	83
20	2.47	14.82	68
22	2.98	17.88	56
23	3.26	19.56	51
25	3.85	23.10	43
26	4.12	24.72	41
28	4.83	28.98	35
30	5.55	33.30	30
32	6.31	37.86	27
34	7.14	42.84	23
35	7.55	45.30	22
36	7.99	47.94	21
38	8.90	53.40	19
40	9.85	59.10	17
42	10.87	65.22	15
45	12.50	75.00	13
47	13.61	81.66	12
50	15.40	92.40	11

WEIGHT CHART

Size (in mm)	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)
53	17.31	103.86	10
56	19.33	115.98	9
60	22.20	133.20	8
63	24.37	146.22	7
65	26.10	156.60	6
70	30.26	181.56	5
75	34.68	208.08	5
80	39.49	236.94	4
85	44.50	267.00	4
90	49.93	299.58	3
100	61.68	370.08	2

M.S. ROUND BARS: SIZE > 100 mm upto 180 mm dia

Can be supplied within 7 working days from date of confirmed order & advance payment receipt.

M.S. BRIGHT ROUND BARS is also available in stock.

Size: 10 mm to 100 mm

Length: 4-7 meter/ pc

G.I. ROUND BARS are also available in stock.

Hot Dipped Galvanised

50-60 Microns (Commercial GI), Above 90 Microns & 125 Microns



Applications:

Used in a range of industrial applications, including:

- **Shafts & Spindles in Industrial Machinery**
- Reinforcement Bars in Concrete Structures for added strength
- **Foundation Bolts for Securing Heavy Machinery and Structures**
- Agricultural Equipment – Used in Plows, Tillers and Irrigation Systems
- **Windmill Shafts and Turbine Components**
- Propeller Shafts & Rudder Shafts in Ships and Boats
- **Wagon and Locomotive Components**
- Transmission Line supports in Electrical Grids
- **Bolt Manufacturing**
- Steering & Suspension Parts
- **Ship Railings & Bollards**



MILD STEEL SQUARE BAR

Introducing our high-quality **Mild Steel Square Bars**, the **perfect choice for clients seeking superior quality and unmatched performance.**

Made from **low-carbon mild steel**, these square bars are designed to meet the highest industry standards and **exceed your expectations.**

Key Benefits:

- **Cost-effective Solution for structural frameworks**
- Easy to weld, cut & machine
- **Superior Strength**
- Wide Range of Sizes to meet all industry needs

Product Name: Mild Steel Square Bars

Category: Mild Steel Bars

Shape: Square Bars

Surface: Mill Finish

Colour: Natural Metallic Gray

Minimum Order Quantity: 01 Metric Tonne



Payment Terms: NEFT / RTGS / IMPS

HSN CODE: 7214

Delivery Time: Usually 1-2 Business Days for Intra State, Exact duration depends on specific location

Main Domestic Market: Pan India



LOCAL ROLLED

IS 2062: 2011

Length: 5-7 mtr

CHEMICAL COMPOSITION

Quality	Ladle Analysis, Wt % Max					
	C	Mn	S	P	Si	CE
A	0.22	0.85	0.040	0.040	0.25	0.35

MECHANICAL PROPERTIES

Quality	Tensile Strength min MPa	Yield Stress min. MPa	% Elongation A, at Gauge (min)
A	500	350	32

Country of Origin:

India

Sizes Available:

6 mm to 75 mm

Dispatch Locations:

Kolkata



WEIGHT CHART

Size (in mm)	Weight per Meter in Kg	Weight per 6 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 6 Meter)
6	0.279	1.674	597
8	0.507	3.042	329
10	0.789	4.734	211
12	1.128	6.768	148
16	2.019	12.114	83
18	2.544	15.264	66
20	3.178	19.068	52
22	3.797	22.782	44
25	4.915	29.490	34
27	5.723	34.338	29
32	8.070	48.420	21
34	9.094	54.564	18
36	10.256	61.536	16
38	11.367	68.202	15
40	12.784	76.704	13
42	13.879	83.274	12
45	15.845	95.070	11
50	19.587	117.522	9
52	22.058	132.348	8
65	31.211	187.266	5
75	44.133	264.798	4

Applications:

Used in a range of industrial applications, including:

- **Construction of Gates, Railings & Fences**
- **Structural Components**
- **Protective Barriers**
- **Used in Metro Walkways, Platforms**
- **Tool Manufacturing**
- **Automobile Fasteners**
- **Used in Crane Arms, Hoist Systems and Pulleys**
- **Rolling Mill Components**



TMT BARS

Mild Steel TMT Bars, thermo mechanically treated, are the **perfect choice for clients seeking durability & strength.**

Made from **low-carbon steel**, these bars are designed to meet the highest industry standards and **exceed your expectations.**

Key Benefits:

- **Flexibility**
- **Bendability**
- **Earthquake Resistant**
- **Fire Resistance**
- **Trusted Quality**



Product Name: TMT Bars

Category: Mild Steel

Shape: Round Bars

Surface: Mill Finish

Colour: Natural Metallic Gray

Minimum Order Quantity: 01 Metric Tonne

HSN CODE: 7214

Payment Terms: NEFT / RTGS / IMPS

Delivery Time: Usually 1-2 Business Days for Intra State, Exact duration depends on specific location

Main Domestic Market: Pan India



LOCAL ROLLED: EURO/AIC OM/SMS

IS 1786 : 2008

Length: 12 mtr

CHEMICAL COMPOSITION

Quality	Ladle Analysis, Wt % Max				
	C	S	P	S + P	CE
FE 500	0.30	0.055	0.055	0.105	0.30
FE 500 D	0.25	0.040	0.040	0.075	0.42
FE 550	0.30	0.055	0.055	0.100	0.30
FE 550 D	0.25	0.040	0.040	0.075	0.42

MECHANICAL PROPERTIES

Quality	Tensile Strength min MPa	Yield Stress min. MPa	% Elongation A, at Gauge (min)
FE 500	550	500	12.00
FE 500 D	565	500	16.00
FE 550	580	550	10.00
FE 550 D	600	550	14.50

WEIGHT CHART

Size (in mm)	Weight per Meter in Kg	Weight per 12 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 12 Meter)	Approx Running Meter Length in 1 Metric Tonne
6	0.220	2.640	379	4545
8	0.395	4.740	211	2532
10	0.617	7.404	135	1621
12	0.888	10.656	94	1126
16	1.580	18.960	53	633
20	2.470	29.640	34	405
25	3.850	46.200	22	260
28	4.830	57.960	17	207
32	6.310	75.720	13	158

Sizes Available:

6 mm to 32 mm

Dispatch Locations:

Kolkata

Durgapur

Country of Origin:

India



IS 1786 : 2008

Length: 12 mtr

CHEMICAL COMPOSITION

Quality	Ladle Analysis, Wt % Max				
	C	S	P	S + P	CE
FE 500	0.30	0.055	0.055	0.105	0.32
FE 500 D	0.25	0.040	0.040	0.075	0.42
FE 550	0.30	0.055	0.055	0.100	0.32
FE 550 D	0.25	0.040	0.040	0.075	0.42

MECHANICAL PROPERTIES

Quality	Tensile Strength min MPa	Yield Stress min. MPa	% Elongation A, at Gauge (min)
FE 500	550	500	12.00
FE 500 D	565	500	16.00
FE 550	580	550	10.00
FE 550 D	600	550	14.50

WEIGHT CHART

Size (in mm)	Weight per Meter in Kg	Weight per 12 Meter Pcs in Kg	Approx Pcs in 1 Metric Ton (Single Piece 12 Meter)	Approx Running Meter Length in 1 Metric Tonne
6	0.220	2.640	379	4545
8	0.395	4.740	211	2532
10	0.617	7.404	135	1621
12	0.888	10.656	94	1126
16	1.580	18.960	53	633
20	2.470	29.640	34	405
25	3.850	46.200	22	260
28	4.830	57.960	17	207
32	6.310	75.720	13	158

Sizes Available:

- EQR: 6 mm to 32 mm
- SEQR: 8 mm to 32 mm

Country of Origin:

India

Dispatch Locations:

Kolkata



Applications:

Used in a range of constructions, including:

- **High Rise Buildings**
- **Bridges**
- **Flyovers**
- **Dams**
- **Complex Infrastructures**
- **Tunnels**
- **Suspension Bridges**
- **Metro Stations**
- **Road Networks**
- **Multi Level Intersections**



MILD STEEL PLATES

Utsav Steels offers a **comprehensive range of high-quality mild steel plates** designed to **meet diverse industrial requirements.**

Our product line includes:

- **General Mild Steel Plates (IS 2062: 2011 E-250)**
- **High Tensile Strength Plates (IS 2062: 2011 E-350,410,450)**
- **Special Quality Steel Plates: (SAILHARD / TISCRAI)**
- **Boiler Quality Plates (IS 2002: 2009 Gr. 2, ASTM A 516 Gr. 70)**
- **Chequered Plates (IS 3502: 2009)**
- **Other Quality Plates (RockHard, IRS M-41)**

Whether you need **standard or specialized plates**, we ensure **quality and reliability in every product we supply.**

Product Name: INDUSTRIAL STEEL PLATES

Category: Mild Steel

Shape: Rectangular

Surface: Mill Finish

Colour: Natural Metallic Gray

Minimum Order Quantity: 03 Metric Tonne



HSN CODE: 7208

Payment Terms: NEFT / RTGS / IMPS

Delivery Time: Usually 1-2 Business Days for Intra State, Exact duration depends on specific location

Main Domestic Market: Pan India



1. GENERAL MILD STEEL PLATES

MAKE: SAIL / TATA / JINDAL

IS 2062: 2011 E - 250

Grade: A, BR, B0, C

Sizes available:

Thickness: 6 mm to 150 mm

Width: 1250 mm to 2500 mm

Length: 6300 mm to 12500mm

CHEMICAL COMPOSITION							
Quality		Ladle Analysis, Wt % Max					CE max
		C	Mn	S	P	Si	
E - 250	A	0.23	1.50	0.045	0.045	0.40	0.42
	BR, B0	0.22	1.50	0.045	0.045	0.40	0.41
	C	0.20	1.50	0.040	0.040	0.40	0.39

MECHANICAL PROPERTIES						
Quality		Tensile Strength min MPa	Yield Stress min. MPa			% Elongation A, at Gauge (min)
			<= 20	20-40	>40	
E - 250	A,BR,B0,C	410	250	240	230	23

SIZE CHART

Thickness	Width	Length
6 mm to 12 mm	1250	6300
8 mm to 40 mm	1500	6300/12000
6 mm to 100 mm	2000	6300/12000/12500
70 mm to 150 mm	2500	6300
10 mm to 150 mm	2500	12000/12500

WEIGHT CHART

Thickness	Weight in Kg/sq. m
6 mm	47.10
8 mm	62.80
10 mm	78.50
12 mm	94.20
14 mm	109.90
16 mm	125.60
20 mm	157.00
25 mm	196.25
28 mm	219.80
30 mm	235.50

WEIGHT CHART

Thickness	Weight in Kg/sq. m
32 mm	251.20
36 mm	282.60
40 mm	314.00
45 mm	353.25
50 mm	392.50
56 mm	439.60
60 mm	471.00
63 mm	494.55
70 mm	549.50
75 mm	588.75
80 mm	628.00
90 mm	706.50
100 mm	785.00
110 mm	863.50
120 mm	942.00
130 mm	1020.50
140 mm	1099.00
150 mm	1177.50

2. HIGH TENSILE STRENGTH PLATES

MAKE: SAILMA / TISTEN

IS 2062: 2011 E-350, E-410, E-450

Grade:

E-350 A, BR, B0, C

E-410 A, BR, B0, C

E-450 A, BR

Sizes available:

Thickness: 6 mm to 100 mm

Width: 1250 mm to 2500 mm

Length: 6300 mm to 12500mm

CHEMICAL COMPOSITION							
Quality		Ladle Analysis, Wt % Max					CE max
		C	Mn	S	P	Si	
E-350	A, BR, B0	0.20	1.55	0.045	0.045	0.45	0.47
	C	0.20	1.55	0.040	0.040	0.45	0.45
E-410	A, BR, B0	0.20	1.60	0.045	0.045	0.45	0.50
	C	0.20	1.60	0.040	0.040	0.45	0.50
E-450	A, BR	0.22	1.65	0.045	0.045	0.45	0.52

MECHANICAL PROPERTIES						
Quality		Tensile Strength min MPa	Yield Stress min. MPa			% Elongation A, at Gauge (min)
			<= 20	20-40	>40	
E - 350	A,BR,B0,C	490	350	330	320	22
E - 410	A,BR,B0,C	540	410	390	380	20
E - 450	A,BR	570	450	430	420	20

SIZE CHART

Thickness	Width	Length
6 mm to 12 mm	1250	6300
8 mm to 40 mm	1500	6300/12000
6 mm to 100 mm	2000	6300/12000/12500
70 mm to 100 mm	2500	6300
10 mm to 100 mm	2500	12000/12500

Note: Sizes in stock as per grade

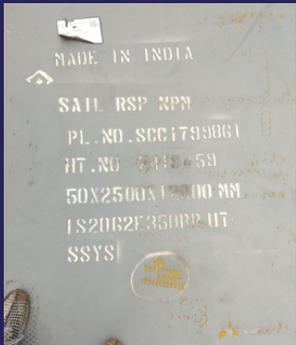
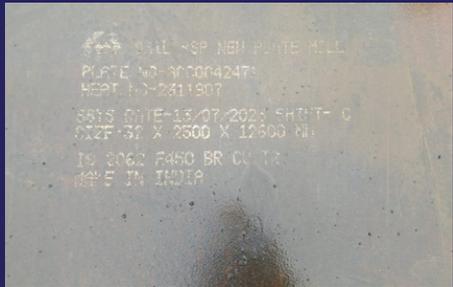
- E-350: 6mm to 100mm
- E-410: 6mm to 90mm
- E-450: 6mm to 63mm

WEIGHT CHART

Thickness	Weight in Kg/sq. m
6	47.10
8	62.80
10	78.50
12	94.20
14	109.90
16	125.60
20	157.00
25	196.25
28	219.80
30	235.50
32	251.20
36	282.60
40	314.00
45	353.25
50	392.50
56	439.60
60	471.00
63	494.55

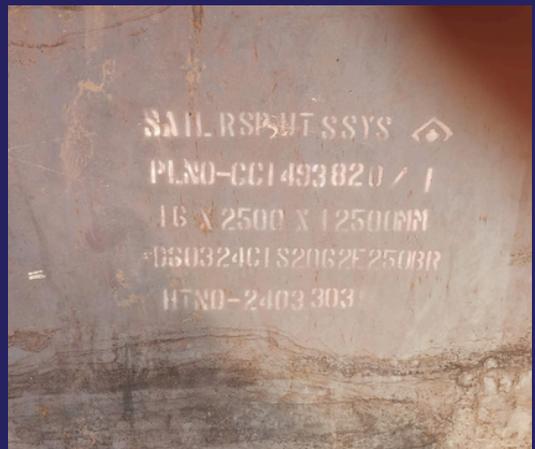
WEIGHT CHART

Thickness	Weight in Kg/sq. m
70	549.50
75	588.75
80	628.00
90	706.50
100	785.00



Applications:

- **Pre - Engineered Buildings**
- **Fabrication**
- **General Structures**
- **High Strength Structures**
- **Solar/ Transmission Towers**
- **Ship Building**
- **Excavator Buckets**
- **Crushers & Dumpers Bodies**
- **Weighbridges**
- **Cranes**
- **Front Loaders**
- **Booms**
- **Vehicle Chassis**
- **Forklift Trucks**
- **Conveyors**
- **Wear Liners**
- **Gear Wheels**



3. SPECIAL QUALITY STEEL PLATES

MAKE: SAIL / TATA

SAILHARD / TISCRAI

Sizes available:

Thickness: 6 mm to 130 mm

Width: 1250 mm to 2500 mm

Length: 5000 mm to 6000 mm

CHEMICAL COMPOSITION								
Quality	Ladle Analysis, Wt % Max							
	C	Mn	S	P	Si	Al	Cr	Nb+V+Ti
SAIL HARD / TISCRAI	0.23	1.60	0.050	0.050	0.50	0.10	0.65	0.15

MECHANICAL PROPERTIES	
Quality	Hardness
SAILHARD / TISCRAI	200 BHN



SIZE CHART

Thickness	Width	Length
6 mm to 15 mm	1500	5000/6000
10 mm to 45 mm	2000	5000/6000
25 mm to 80 mm	2500	5000/6000
80 mm to 130 mm	2500	6000

WEIGHT CHART

Thickness	Weight in Kg/sq. m
6 mm	47.10
8 mm	62.80
10 mm	78.50
12 mm	94.20
14 mm	109.90
16 mm	125.60
20 mm	157.00
25 mm	196.25
28 mm	219.80
30 mm	235.50

WEIGHT CHART

Thickness	Weight in Kg/sq. m
32	251.20
36	282.60
40	314.00
45	353.25
50	392.50
56	439.60
60	471.00
63	494.55
70	549.50
75	588.75
80	628.00
90	706.50
100	785.00
110	863.50
120	942.00
130	1020.50



Applications:

- **Bridges**
- Large Structures that requires ultimate tensile strength
- **Storage Tanks**
- Runways
- **Containers**
- Abrasion Resistant Places



4. BOILER QUALITY PLATES

MAKE: SAIL / TATA / JINDAL

IS 2002: 2009 Gr. 1 & 2

IS 2041 R260: 2009/ASTM A 516 Gr. 70

Sizes available:

Thickness: 6 mm to 150 mm

Width: 1250 mm to 2500 mm

Length: 6300 mm to 12500mm

CHEMICAL COMPOSITION									
Quality		Ladle Analysis, Wt % Max							CE max
		C	Mn	S	P	Si	Al	Cu	
IS 2002: 2009	Gr. 1	0.18	0.50 to 1.20	0.040	0.035	0.15 to 0.35	-	0.10	0.44
	Gr. 2	0.20	0.50 to 1.20	0.040	0.035	0.15 to 0.35	0.02	-	0.44
ASTM A 516	Gr. 70	0.27 to 0.30	0.85 to 1.20	0.035	0.035	-	-	-	-

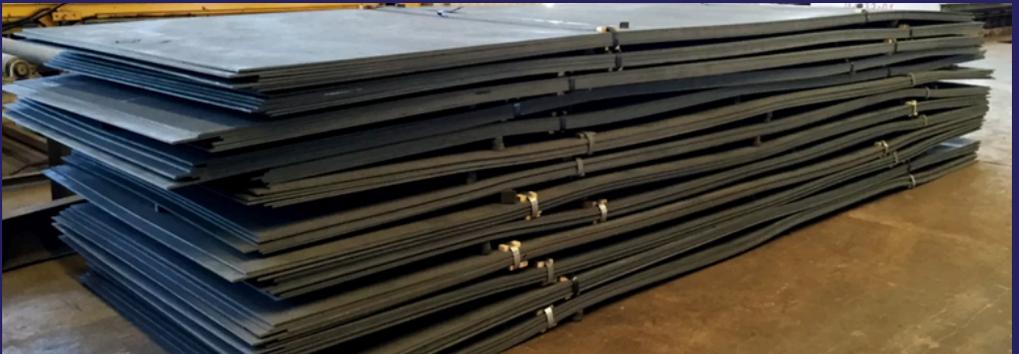


MECHANICAL PROPERTIES

Quality		Tensile Strength min MPa < 25	Yield Stress min. MPa			% Elongation A, at Gauge (min)	
			< 16	16-40	>40		
IS 2002: 2009	Gr. 1	360-480	235	225	215	24	
	Gr. 2	410-530	265	255	245	22	
ASTM A 516	Gr. 70	485-620	260			200 mm GL	50 mm GL
						17	21

SIZE CHART

Thickness	Width	Length
6 mm to 16 mm	1500	6300
10 mm to 20 mm	2000	6300/12000
10 mm to 40 mm	2500	12500
45 mm to 150 mm	2500	6300/10000



WEIGHT CHART

Thickness	Weight in Kg/sq. m
6	47.10
8	62.80
10	78.50
10.2	80.07
12	94.20
14	109.90
16	125.60
20	157.00
25	196.25
28	219.80
30	235.50
32	251.20
36	282.60
40	314.00
45	353.25
50	392.50
56	439.60
63	494.55

WEIGHT CHART

Thickness	Weight in Kg/sq. m
65	510.25
70	549.50
75	588.75
80	628.00
85	667.25
90	706.50
100	785.00
110	863.50
120	942.00
125	981.25
130	1020.50
140	1099.00
150	1177.50



Applications:

- **Boilers**
- **Construction**
- **Pressure Vessels**
- **Super Critical Applications in Ultra High Temperature**
- **Fire Boxes**



5. CHEQUERED PLATES

MAKE: SAIL / TATA / JINDAL

IS 3502: 2009

Base Material of IS 10748 Gr. 2 for thickness 2mm to 4mm

Base Material of IS 2062: 2011 for thickness > 4mm

Sizes available:

Thickness: 2 mm to 12 mm

Width: 1250 mm

Length: 2500 mm to 6300mm

CHEMICAL COMPOSITION						
Quality	Ladle Analysis, Wt % Max					CE max
	C	Mn	S	P	Si	
IS 3502: 2009	0.23	1.50	0.045	0.045	0.40	0.42
Tolerance	+0.02	+0.05	+0.005	+0.005	+0.03	+0.03

MECHANICAL PROPERTIES			
Quality	Tensile Strength min MPa	Yield Stress min. MPa	% Elongation A, at Gauge (min)
		2mm to 12mm	
IS 3502: 2009	410	250	23

SIZE CHART

Thickness	Width	Length
2 mm to 12 mm	1250	2500/5000/6300

WEIGHT CHART

Thickness	Weight in Kg/sq. m
2 mm	15.70
3 mm	23.55
4 mm	31.40
5 mm	39.25
6 mm	47.10
7 mm	54.95
8 mm	62.80
10 mm	78.50



Applications:

- **Industrial Flooring**
- **Commercial Vehicle Flooring**
- **Platforms**
- **Stair Treads**
- **Elevator Floors**
- **Corner Guards**



6. OTHER QUALITY PLATES

MAKE: SAIL / SSAB/ JINDAL

- SAILCOR IS 11587 / IRS M-41
- SSAB HARDOX PLATES (IMPORTED)
- JINDAL ROCKHARD PLATES

Applications:

1. SAILCOR PLATES:

- **Railway Coaches**
- Wagons
- **Panel**
- Roofs
- **Defence Sector**

2. ROCKHARD/ HARDOX PLATES:

- **Yellow Goods**
- Mining Equipment
- **Quarrying Equipment**

AVAILABLE UPON REQUEST ONLY

HOT ROLLED PRODUCTS

Utsav Steels offers a **comprehensive range of high-quality mild steel HOT ROLLED products** designed to meet diverse industrial requirements.

Our **Mild Steel Hot Rolled** products are procured with utmost precision and care, of top-grade **raw materials sourced from trusted brands**.

Our product line includes:

- Coils
- Sheets
- Plates

Whether you need **standard or specialized coils**, we ensure **quality and reliability in every product we supply**.

Product Name: HOT ROLLED COILS, SHEETS & PLATES

Category: Mild Steel

Shape: Coil Form/ Rectangular

Surface: Mill Finish

Colour: Natural Metallic Gray

Minimum Order Quantity: 03 Metric Tonne



HSN CODE: 7208

Payment Terms: NEFT / RTGS / IMPS

Delivery Time: Usually 1-2 Business Days for Intra State, Exact duration depends on specific location

Main Domestic Market: Pan India



MAKE: SAIL / TATA

COILS / SHEETS / PLATES

IS 10748: 2004

Sizes available:

Thickness: 1.6 mm to 10 mm

Width: 910 mm to 2100 mm

Length: 2500 mm to 8000 mm

CHEMICAL COMPOSITION					
Quality IS 10748:2004	Ladle Ananlysis, Wt % Max				
	C	Mn	S	P	CE
GRADE I	0.10	0.50	0.040	0.040	-
GRADE II	0.12	0.60	0.040	0.040	-
GRADE III	0.16	1.20	0.040	0.040	-
GRADE IV	0.20	1.30	0.040	0.040	0.45
GRADE V	0.25	1.30	0.040	0.040	0.45



MECHANICAL PROPERTIES			
Quality IS 10748:2004	Tensile Strength min MPa	Yield Stress min. MPa	% Elongation A, at Gauge (min)
		1.6 mm to 10mm	
GRADE I	290	170	30
GRADE II	330	210	28
GRADE III	410	240	25
GRADE IV	430	275	20
GRADE V	490	310	15

SIZE CHART

Thickness	Width	Length
1.6 mm to 2.1 mm	910 to 1250	2500 / 4000 / 4500
2.2 mm to 2.8 mm	910 to 1550	2500 / 4000 / 4500
2.9 mm	910 to 1680	2500 / 4000 / 4500
3 mm to 4.8 mm	910 to 1830	2500 / 4000 / 4500
5 mm to 6.5 mm	1020 to 2100	4500 / 5000 / 5600 / 6300 / 8000
7.8 mm to 10 mm	1250 to 2100	4500 / 5000 / 5600 / 6300 / 8000

COILS also available

WEIGHT CHART

Thickness	Weight in Kg/sq. m
1.6 mm	12.56
1.7 mm	13.35
1.8 mm	14.13
1.9 mm	14.92
2 mm	15.70
2.1 mm	16.49
2.2 mm	17.27
2.3 mm	18.06
2.4 mm	18.84
2.5 mm	19.63
2.6 mm	20.41
2.7 mm	21.20
2.8 mm	21.98
2.9 mm	22.77
3 mm	23.55
3.1 mm	24.34
3.2 mm	25.12
3.5 mm	27.48
3.8 mm	29.83

WEIGHT CHART

Thickness	Weight in Kg/sq. m
3.9 mm	30.62
4 mm	31.40
4.1 mm	32.19
4.2 mm	32.97
4.3 mm	33.76
4.5 mm	35.33
4.8 mm	37.68
5 mm	39.25
5.3 mm	41.61
5.4 mm	42.39
5.5 mm	43.18
5.6 mm	43.96
5.8 mm	45.53
6 mm	47.10
6.5 mm	51.03
7.8 mm	61.23
8 mm	62.80
9.8 mm	76.93
10 mm	78.50

TOLERANCE

Thickness Tolerance

Width (in mm)	Thickness Tolerance (in mm)				
	1.6 to 2	> 2 to 3	> 3 to 5	> 5 to 8	> 8 to 10
910 to 1250	+0.18	+0.20	+0.25	+0.30	+0.35
> 1250 to 2100	+0.20	+0.25	+0.30	+0.35	+0.40

Width Tolerance

Width (in mm)	Tolerance
910 to 1250	+30 mm
> 1250 to 1550	+35 mm
> 1550 to 2100	+40 mm

Length Tolerance

Length (in mm)	Tolerance
Upto 2500 mm	+25 mm
> 2500 mm	1% of Length (Max 70 mm)

Applications:

- **Steel Tubes**
- Farm Equipment
- **Bottom Brackets**
- Frames for Cycles
- **General & Heavy Structures**
- Coal & Mining Equipment
- **Vehicle Body Panels**
- Large Dia Pipes



COLD ROLLED PRODUCTS

Utsav Steels offers a **comprehensive range of high-quality COLD ROLLED products** designed to meet diverse industrial requirements.

Our **Cold Rolled** products are procured with utmost precision and care, of top-grade **raw materials sourced from trusted brands**.

Our product line includes:

- Coils
- Sheets

Whether you need **standard or specialized coils**, we ensure **quality and reliability in every product we supply**.

Product Name: COLD ROLLED COILS & SHEETS

Category: Steel

Shape: Coil Form/ Rectangular

Surface: Mill Finish

Colour: Silver

Minimum Order Quantity: 03 Metric Tonne



HSN CODE: 7209

Payment Terms: NEFT / RTGS / IMPS

Delivery Time: Usually 1-2 Business Days for Intra State, Exact duration depends on specific location

Main Domestic Market: Pan India



MAKE: SAIL / TATA

COILS / SHEETS

IS 513 Part I: 2016

Sizes available:

Thickness: 0.40 mm to 2.00 mm

Width: 900 mm to 1580 mm

Length: 2500 mm to 5000 mm

CHEMICAL COMPOSITION				
Quality IS 513 Part I:2016	Ladle Analysis, Wt % Max			
	C	Mn	S	P
CR0	0.35	4.00	0.035	0.050
CR1	0.15	1.00	0.035	0.080
CR2	0.12	0.50	0.035	0.040

MECHANICAL PROPERTIES				
Quality IS 513 Part I: 2016	Tensile Strength max. MPa	Yield Point or Proof Stress max. MPa	% Elongation A, at Gauge (min)	
			80 mm GL	50 mm GL
CR0	-	-	-	-
CR1	410	280	27	28
CR2	370	240	30	31

SIZE CHART

Thickness	Width	Length
0.40 mm to 0.45mm	900/1000	2500
0.50 mm to 0.70 mm	900/1000/1120/1220/1250	2500/5000
0.80 mm to 0.95 mm	900/920/1000/1020/1120/1220/1250/ 1320/1420	2500/5000
1.00 mm to 2.00 mm	900/920/1000/1020/1120/1220/1250/ 1320/1420/1520/1580	2500/5000

COILS also available

WEIGHT CHART

Thickness	Weight in Kg/sq. m
0.40 mm	3.14
0.45 mm	3.53
0.50 mm	3.93
0.55 mm	4.32
0.60 mm	4.71
0.63 mm	4.95
0.70 mm	5.50
0.80 mm	6.28
0.90 mm	7.07

WEIGHT CHART

Thickness	Weight in Kg/sq. m
0.95 mm	7.46
1.00 mm	7.85
1.20 mm	9.42
1.25 mm	9.81
1.40 mm	10.99
1.50 mm	11.78
1.60 mm	12.56
1.85 mm	14.52
1.90 mm	14.92
2.00 mm	15.70



TOLERANCE

as per 513/IS/ISO/16162 (2012)

Thickness Tolerance

Width (in mm)	Thickness Tolerance (in mm)(+)						
	<=0.40	> 0.40 to <=0.60	> 0.60 to <=0.80	> 0.80 to <=1.00	> 1.00 to <=1.20	> 1.20 to <= 1.60	> 1.60 to <=2.0
<=1200	0.03	0.04	0.05	0.06	0.07	0.09	0.11
> 1200 & <=1500	0.05	0.05	0.05	0.07	0.08	0.10	0.12
> 1500	-	0.06	0.07	0.08	0.10	0.12	0.14

Width Tolerance

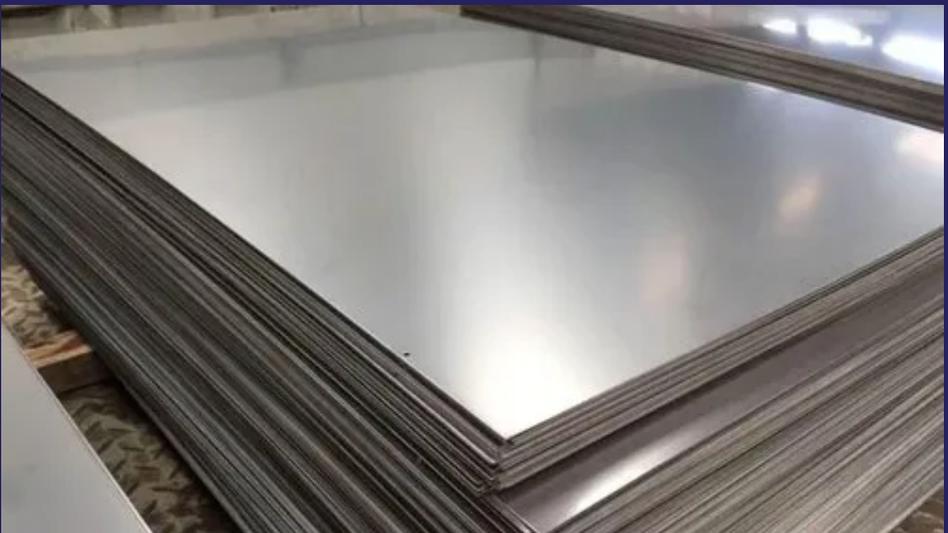
Width (in mm)	Tolerance (in mm)
<= 1200	+3mm
> 1200 & <=1500	+5mm
> 1500	+5mm

Length Tolerance

Length (in mm)	Tolerance (in mm)
<=2000 mm	+10 mm
> 2000 mm to <=5000 mm	+0.5% of Length
> 5000 mm	+40 mm

Applications:

- **Home Appliances: Microwaves, Ovens**
- **Electric Circuit Boxes**
- **Cladding & Structural Components**
- **Pipes & Tubes**
- **Metal Containers & Drums**
- **Car Body Panels, Roofs & Doors**
- **Steel Cabinets, Office Desks & Modular Furniture**
- **Industrial Equipment Casings & Toolboxes**
- **Drums & Barrels for Industrial Liquids**



M.S. & G.I. ERW PIPES

ERW pipes, also known as **Electric Resistance Welded pipes**, are steel pipes manufactured using the electric resistance welding process. These pipes are **widely used in various industries and applications** due to their durability, strength, and cost-effectiveness

ERW pipes **offer several advantages**, such as **high strength, good ductility, excellent weldability & affordability**.

They are **easy to install**, resistant to impact and vibrations & **can withstand harsh environmental conditions**.

Expect Timely Delivery & Excellent Customer Service from Utsav Steels. Place your order today for your projects.

Product Name: ERW PIPES

Category: Mild Steel & Galvanised Iron

Shape: Round/ Circular

Surface: Mill Finish

Colour: Black/ Dark Gray / Silver

Minimum Order Quantity: 01 Metric Tonne



HSN CODE: 7306

Payment Terms: NEFT / RTGS / IMPS

Delivery Time: Usually 1-2 Business Days for Intra State, Exact duration depends on specific location

Main Domestic Market: Pan India



Make:

- JINDAL
- UTKARSH/BANSAL
- APOLLO
- TATA
- NEZONE
- SAIL
- MSL (JINDAL STAR)
- LOCAL MAKE (BSTL, IFOAM, PARAMHANS)



Grades Available: (FE 330)

- IS 1239 Part - 1: 2004
- IS 3589: 2001

Size Available:

- **IS 1239**
*15mm NB (Light, Medium, Heavy) to
150mm NB (Medium, Heavy)*
- **IS 3589**
*100mm NB x 5mm thk to
600mm NB x 10mm thk*

Length:

6 meters

Dispatch Locations:

Kolkata

IS 1239 Part I: 2004

JINDAL / UTKARSH / APOLLO /
TATA / NEZONE

NB & SERIES		OUTER DIAMETER		WALL THICKNESS	NOMINAL WEIGHT	
NB	SERIES	Min. mm	Max. mm	mm	Kg/m	Mtrs/ M.Ton
15	L	21.0	21.4	2.0	0.95	1052
	M	21.0	21.8	2.6	1.21	826
	H	21.0	21.8	3.2	1.44	694
20	L	26.4	26.9	2.3	1.38	725
	M	26.5	27.3	2.6	1.56	641
	H	26.5	27.3	3.2	1.87	535
25	L	33.2	33.8	2.6	1.98	505
	M	33.3	34.2	3.2	2.41	415
	H	33.3	34.2	4.0	2.93	341
32	L	41.9	42.5	2.6	2.54	394
	M	42.0	42.9	3.2	3.10	322
	H	42.0	42.9	4.0	3.79	264
40	L	47.8	48.4	2.9	3.23	310
	M	47.8	48.8	3.2	3.56	281
	H	47.9	48.8	4.0	4.37	229

NB & SERIES		OUTER DIAMETER		WALL THICKNESS	NOMINAL WEIGHT	
NB	SERIES	Min. mm	Max. mm	mm	Kg/m	Mtrs/ M.Ton
50	L	59.6	60.2	2.9	4.08	245
	M	59.7	60.8	3.6	5.03	199
	H	59.7	60.8	4.5	6.19	161
65	L	75.2	76.0	3.2	5.74	175
	M	75.3	76.6	3.6	6.42	156
	H	75.3	76.6	4.5	7.93	126
80	L	87.9	88.7	3.2	6.72	149
	M	88.0	89.5	4.0	8.36	120
	H	88.0	89.5	4.8	9.90	101
100	L	113.0	113.9	3.6	9.75	102
	M	113.1	115.0	4.5	12.20	82
	H	113.1	115.0	5.4	14.50	69
125	M	138.5	140.8	4.8	15.90	63
	H	138.5	140.8	5.4	17.90	56
150	M	163.9	165.5	4.8	18.90	53
	H	163.9	165.5	5.4	21.30	47



JINDAL PIPES- IS 3589: 2001

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
			Kg/m	Mtrs/ M.Ton
mm	mm	mm		
150	168.30	2.60	10.60	94
		3.20	13.00	77
		4.00	16.20	62
		4.50	18.20	55
		5.00	20.10	50
		6.30	25.20	40
175	193.70	2.60	12.30	81
		3.60	16.90	59
		4.50	21.00	48
		6.30	29.10	34
200	219.10	2.60	13.90	72
		3.60	19.10	52
		4.50	23.80	42
		6.30	33.10	30
250	273.00	3.60	23.90	42
		4.00	26.50	38
		5.00	33.90	30

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
			Kg/m	Mtrs/ M.Ton
mm	mm	mm		
250	273.00	6.30	41.40	24
		7.10	46.57	21
		8.00	52.30	19
		10.00	64.90	15
300	323.90	4.00	31.60	32
		5.00	35.40	28
		5.60	44.00	23
		7.10	55.50	18
350	355.60	5.60	48.33	21
		6.40	55.11	18
		7.10	61.02	16
		7.90	67.74	15
		8.70	74.42	13
		9.50	81.08	12
400	406.40	5.60	55.35	18
		6.40	63.13	16
		10.00	97.76	10
		12.70	123.31	8

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
			Kg/m	Mtrs/ M.Ton
450	457.00	5.60	62.34	16
		8.00	88.58	11
		10.00	110.24	9
		12.70	139.16	7
500	508.00	5.60	69.38	14
		8.00	98.65	10
		10.00	122.81	8
		12.70	155.13	6



UTKARSH PIPES- IS 3589: 2001

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
			Kg/m	Mtrs/ M.Ton
mm	mm	mm		
150	168.30	4.00	16.21	62
		4.50	18.18	55
		4.85	18.55	54
		5.00	20.14	50
		5.40	21.69	46
		5.50	22.08	45
		6.00	24.01	42
		6.35	25.36	39
		7.00	27.84	36
200	219.10	4.00	21.22	47
		4.50	23.81	42
		4.85	25.62	39
		5.00	26.40	38
		5.40	28.46	35
		5.50	28.97	35
		6.00	31.53	32
		6.35	33.31	30

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
			Kg/m	Mtrs/ M.Ton
mm	mm	mm		
200	219.10	7.00	36.61	27
		7.50	39.14	26
		8.00	41.65	24
		9.00	46.63	21
		9.50	49.10	20
		10.00	51.56	19
		10.50	54.01	19
250	273.00	4.00	26.53	38
		4.50	29.79	34
		4.85	32.07	31
		5.00	33.04	30
		5.40	35.64	28
		5.50	36.28	28
		6.00	39.50	25
		6.35	41.76	24
		7.00	45.92	22
		7.50	49.10	20
		8.00	52.28	19
		9.00	58.59	17

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
			Kg/m	Mtrs/ M.Ton
mm	mm	mm		
250	273.00	9.50	61.73	16
		10.00	64.86	15
		10.50	67.97	15
300	323.90	4.00	31.55	32
		4.50	35.44	28
		4.85	38.16	26
		5.00	39.32	25
		5.40	42.41	24
		5.50	43.18	23
		6.00	47.03	21
		6.35	49.73	20
		7.00	54.70	18
		7.50	58.52	17
		8.00	62.32	16
		9.00	69.89	14
		9.50	73.65	14
		10.00	77.41	13
10.50	81.15	12		
350	355.60	4.00	34.68	29

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
			Kg/m	Mtrs/ M.Ton
350	355.60	4.50	38.96	26
		4.85	41.95	24
		5.00	43.23	23
		5.40	46.64	21
		5.50	47.48	21
		6.00	51.73	19
		6.35	54.69	18
		7.00	60.17	17
		7.50	64.38	16
		8.00	68.57	15
		9.00	76.92	13
		9.50	81.08	12
		10.00	85.22	12
		10.50	89.36	11
400	406.40	4.00	39.74	25
		4.50	44.65	22
		4.85	48.09	21
		5.00	49.55	20
		5.40	53.45	19

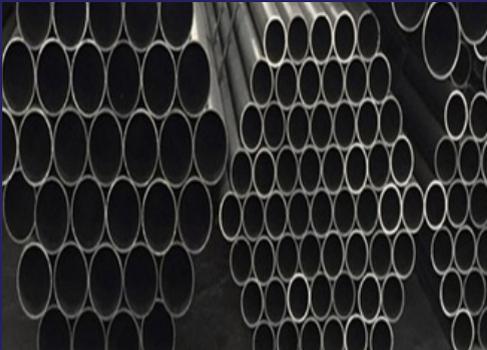
NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
			Kg/m	Mtrs/ M.Ton
400	406.40	5.50	54.44	18
		6.00	59.32	17
		6.35	62.72	16
		7.00	69.03	14
		7.50	73.87	14
		8.00	78.69	13
		9.00	88.31	11
		9.50	93.10	11
		10.00	97.88	10
		10.50	102.64	10



APOLLO PIPES- IS 3589: 2001

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
			Kg/m	Mtrs/ M.Ton
150	168.30	2.60	10.60	94
		3.20	13.00	77
		4.00	16.20	62
		4.50	18.20	55
		5.00	20.10	50
		6.30	25.20	40
175	193.70	2.60	12.30	81
		3.60	16.90	59
		4.50	21.00	48
		6.30	29.10	34
200	219.10	2.60	13.90	72
		3.60	19.10	52
		4.50	23.80	42
		6.30	33.10	30
250	273.00	3.60	23.90	42
		4.00	26.50	38
		5.00	33.90	30

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
			Kg/m	Mtrs/ M.Ton
mm	mm	mm		
250	273.00	6.30	41.40	24
		7.10	46.57	21
		8.00	52.30	19
		10.00	64.90	15
300	323.90	4.00	31.60	32
		5.00	35.40	28
		5.60	44.00	23
		7.10	55.50	18
350	355.60	5.60	48.33	21
		6.40	55.11	18
		7.10	61.02	16
		7.90	67.74	15
		8.70	74.42	13
		9.50	81.08	12



TATA PIPES- IS 3589: 2001

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
			Kg/m	Mtrs/ M.Ton
200	219.10	4.35	23.04	43
		5.00	26.40	38
		6.35	33.32	30
250	273.10	5.00	33.06	30
		6.35	41.77	24
300	323.90	5.00	39.32	25
		6.35	49.72	20
350	355.60	5.00	43.23	23
		6.35	54.69	18
400	406.40	5.00	49.50	20
		6.00	59.25	17
450	457.00	6.00	66.73	15
		8.00	88.58	11
500	508	8.00	98.65	10
		10.00	122.81	8
550	559	8.00	108.71	9
		10.00	135.39	7
600	610	10.00	147.97	7

NEZONE PIPES- IS 3589: 2001

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
			Kg/m	Mtrs/ M.Ton
150	168.30	4.00	16.09	62
		4.50	18.10	55
		4.85	19.60	51
		5.40	21.70	46
		6.30	25.30	40
		7.00	28.16	36
175	193.70	4.00	18.64	54
		4.85	22.60	44
		5.40	25.00	40
		5.90	27.30	37
		7.00	32.62	31
200	219.10	4.00	21.20	47
		4.85	25.70	39
		5.60	29.40	34
		5.90	31.00	32
		7.00	37.09	27

SAIL PIPES- IS 3589: 2001

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
			Kg/m	Mtrs/ M.Ton
200	219.10	4.8	25.37	39
		5.2	27.43	36
		5.6	29.48	34
		6.0	31.53	32
		6.4	33.57	30
		7.1	37.12	27
		7.9	41.15	24
		9.5	49.11	20
		10	51.57	19
250	273.00	4.8	31.75	31
		5.2	34.34	29
		5.6	36.93	27
		6.0	39.51	25
		6.4	42.08	24
		7.1	46.56	21
		7.9	51.65	19
		9.5	61.74	16
		10	64.86	15

SAIL PIPES- IS 3589: 2001

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
			Kg/m	Mtrs/ M.Ton
300	323.90	5.0	39.32	25
		5.2	40.87	24
		5.6	43.96	23
		6.0	47.04	21
		6.4	50.11	20
		7.1	55.47	18
		7.9	61.56	16
		9.5	73.66	14
		10	77.41	13
350	355.60	5.0	43.23	23
		5.2	44.93	22
		5.6	48.34	21
		6.0	51.73	19
		6.4	55.12	18
		7.1	61.02	16
		7.9	67.74	15
		9.5	81.09	12
		10	85.23	12

SAIL PIPES- IS 3589: 2001

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
			Kg/m	Mtrs/ M.Ton
400	406.40	5.2	51.45	19
		5.6	55.35	18
		6.0	59.25	17
		6.4	63.13	16
		7.1	69.92	14
		7.9	77.64	13
		9.5	92.99	11
		10	97.76	10
450	457.00	5.2	57.94	17
		5.6	62.34	16
		6.0	66.73	15
		6.4	71.12	14
		7.1	78.78	13
		7.9	87.50	11
		9.5	104.84	10
		10	110.24	9

LOCAL ROLLED- IS 1239

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT
Inch	mm	mm	Kg/pc
3/4"	26.00	1.20	4.50
		1.60	5.50
		2.00	7.00
1"	33.00	1.20	5.50
		1.80	8.50
		2.10	9.50
		2.80	12.80
1 1/4"	42.00	1.40	8.50
		1.60	10.00
		2.20	12.00
		2.50	14.00
1 1/2"	48.00	1.20	8.00
		1.40	10.00
		1.60	11.00
		1.80	12.00
		2.20	15.00
		2.50	17.00
		2.80	19.00

LOCAL ROLLED- IS 1239

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT
Inch	mm	mm	Kg/pc
2"	60.00	1.60	14.00
		2.20	19.00
		2.80	24.00
		3.20	27.00
2 1/2"	76.00	1.60	18.00
		1.80	19.00
		2.20	24.50
		2.80	30.50
3"	88.00	2.20	28.50
		2.50	32.00
		2.80	36.50
		3.20	41.00
4"	113.00	2.20	37.00
		2.80	46.00



TOLERANCE

Thickness Tolerance

Grade	TOLERANCE	
IS 1239	- 8% for Light	± 10% for Medium & Heavy
IS 3589	± 10% for all thickness	

Width Tolerance

Grade	TOLERANCE	
IS 1239	-8%, +10% for Light	± 10% for Medium & Heavy
IS 3589	± 7.5%	

Length Tolerance

Grade	Tolerance
IS 1239	± 0.5 mtr
IS 3589	± 100 mm

Other Size Tolerance

Grade	Tolerance
IS 3589	Outer Diameter: ± 0.75%
IS 3589	Ovality: Max 1%

Applications:

- **Air, Gas & Water Sewage**
- **Fire Fighting Use**
- **HVAC Applications**
- **Railways**
- **Steam pass-through**
- **Mechanical & General Engineering**
- **Idlers**
- **Scaffolding**
- **Industrial Applications (Boilers, Heat Exchangers & Refineries)**



MILD STEEL HOLLOW SECTION PIPES

M.S. Hollow Section Pipes, the perfect solution for all your structural & construction needs.

We offer a **comprehensive range of sizes** in mainly two shapes to **cater to diverse project requirements**. Whether our clients need **rectangular or square hollow sections**, we have the perfect solution to meet your specific needs.

Expect **competitively priced products without compromising in quality**. Customer Satisfaction is our top priority, from product selection to after-sales support, we strive to deliver **exceptional customer service** and **build lasting relationships**.

Product Name: HOLLOW SECTION TUBES

Category: Mild Steel

Shape: SHS / RHS

Surface: Mill Finish

Colour: Black/ Dark Gray

Minimum Order Quantity: 01 Metric Tonne



HSN CODE: 7306

Payment Terms: NEFT / RTGS / IMPS

Delivery Time: Usually 1-2 Business Days for Intra State, Exact duration depends on specific location

Main Domestic Market: Pan India



Make:

- UTKARSH (BANSAL)
- APOLLO
- TATA
- NEZONE

Grades Available:

IS 4923: 1997

- YST 210
- YST 240
- YST 310

Size Available:

- SHS : 12 x 12 to 500 x 500
- RHS : 50 x 25 to 600 x 400

Length:

6 meters

Dispatch Location:

Kolkata

Country of Origin:

India



UTKARSH SHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
19 X 19	1.80	0.91
	2.00	0.99
	2.30	1.10
	2.60	1.20
	3.00	1.32
	3.20	1.38
25 X 25	1.80	1.25
	2.00	1.36
	2.30	1.53
	2.60	1.69
	3.00	1.89
	3.20	1.98
32 X 32	1.80	1.64
	2.00	1.80
	2.30	2.04
	2.60	2.26
	3.00	2.55

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
32 X 32	3.20	2.69
	3.60	2.95
38 X 38	1.80	1.98
	2.00	2.18
	2.30	2.47
	2.60	2.94
	3.00	3.11
	3.20	3.29
49.5 X 49.5	1.80	2.63
	2.00	2.90
	2.30	3.30
	2.60	3.69
	3.00	4.20
	3.20	4.44
60 x 60	3.60	4.93
	2.50	4.39
	2.60	4.55

UTKARSH SHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
60 x 60	2.90	5.03
	3.00	5.19
	3.20	5.50
	3.60	6.11
	4.00	6.71
	4.30	7.15
	4.50	7.43
	4.80	7.85
	5.00	8.13
72 x 72	2.50	5.33
	2.60	5.53
	2.90	6.12
	3.00	6.32
	3.20	6.71
	3.60	7.47
	4.00	8.22
	4.30	8.77
	4.50	9.13
4.80	9.66	

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
72 x 72	5.00	10.01
80 x 80	2.50	5.96
	2.60	6.18
	2.90	6.85
	3.00	7.07
	3.20	7.51
	3.60	8.37
	4.00	9.22
	4.30	9.85
	4.50	10.26
4.80	10.87	
5.00	11.27	
91.5 x 91.5	2.50	6.86
	2.60	7.12
	2.90	7.90
	3.00	8.15
	3.20	8.66
	3.60	9.67
	4.00	10.67

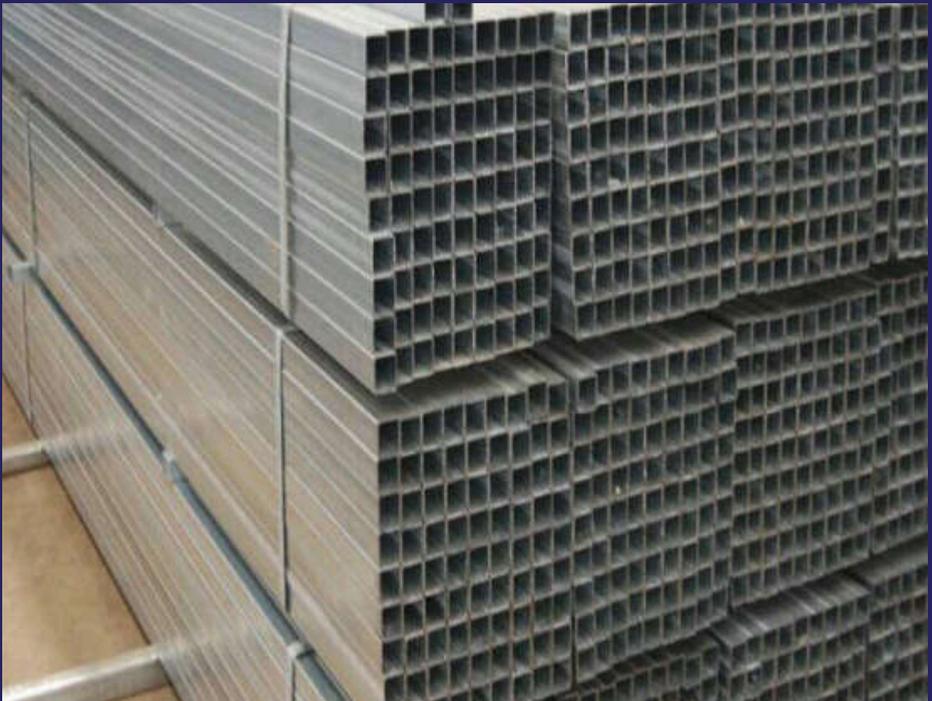
UTKARSH SHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
91.5 x 91.5	4.30	11.40
	4.50	11.88
	4.80	12.60
	5.00	13.07
113.5 x 113.5	3.00	10.23
	3.20	10.88
	3.60	12.16
	4.00	13.43
	4.30	14.37
	4.50	14.99
	4.80	15.92
	5.00	16.53
132 x 132	3.60	14.25
	4.00	15.75
	4.30	16.87
	4.50	17.61
	4.80	18.70
	5.00	19.43

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
150 x 150	3.60	16.29
	4.00	18.01
	4.30	19.30
	4.50	20.15
	4.80	21.42
	5.00	22.26
180 x 180	3.60	19.68
	4.00	21.78
	4.30	23.35
	4.50	24.39
	4.80	25.94
	5.00	26.97
220 x 220	3.60	24.20
	4.00	26.81
	4.30	28.75
	4.50	30.04
	4.80	31.97
	5.00	33.25

UTKARSH SHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
260 x 260	3.60	28.72
	4.00	31.83
	4.30	34.15
	4.50	35.69
	4.80	38.00
	5.00	39.53



UTKARSH RHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
50 x 25	1.80	1.95
	2.00	2.15
	2.30	2.44
	2.50	2.62
	2.80	2.89
	3.00	3.07
	3.20	3.24
	3.60	3.57
60 X 40	1.80	2.66
	2.00	2.93
	2.30	3.34
	2.50	3.60
	2.80	3.99
	3.00	4.25
	3.20	4.50
	3.60	4.98
66 X 33	1.80	2.63
	2.00	2.90
	2.30	3.30

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
66 X 33	2.50	3.56
	2.80	3.95
	3.00	4.20
	3.20	4.44
	3.60	4.93
70 X 30	2.50	3.60
	2.80	3.99
	3.00	4.25
	3.20	4.50
	3.60	4.98
	4.00	5.45
75 X 25	4.30	5.80
	4.50	6.02
	2.50	3.60
	2.80	3.99
	3.00	4.25
	3.20	4.50
66 X 33	3.60	4.98
	4.00	5.45

UTKARSH RHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
75 X 25	4.30	5.80
	4.50	6.02
80 X 40	2.50	4.39
	2.80	4.87
	3.00	5.19
	3.20	5.50
	3.60	6.11
	4.00	6.71
	4.30	7.15
	4.50	7.43
96 X 48	3.20	6.71
	3.60	7.47
	4.00	8.22
	4.30	8.77
	4.50	9.13
100 X 50	3.50	7.61
	3.60	7.81
	4.00	8.59

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
100 X 50	4.30	9.17
	4.50	9.55
122 X 61	3.50	9.42
	3.60	9.67
	4.00	10.67
	4.30	11.40
	4.50	11.88
	5.00	13.07
145 X 82	3.50	11.84
	3.60	12.16
	4.00	13.43
	4.30	14.37
	5.00	16.53
172 X 92	4.00	15.75
	4.30	16.87
	4.50	17.61
	5.00	19.43

NEZONE SHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
25 X 25	2.60	1.69
	3.20	1.98
32 X 32	2.60	2.26
	3.20	2.69
	4.00	3.19
38 X 38	3.20	3.29
	3.60	3.63
	4.00	3.95
49.5 X 49.5	2.90	4.07
	3.60	4.93
	4.50	5.95
60 X 60	3.20	5.50
	3.60	6.11
	4.50	7.43
72 X 72	3.20	6.71
	4.00	8.22
	4.80	9.66

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
91.5 X 91.5	3.60	9.67
	4.50	11.88
	5.40	14.01
100 X 100	4.00	11.74
	5.00	14.41
	6.00	16.98
113.5 X 113.5	4.50	14.99
	4.80	15.92
	5.40	17.74
132 X 132	4.80	18.71
	5.40	20.88
150 X 150	4.00	18.01
	5.00	22.26
	6.00	26.40

NEZONE RHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
50 X 25	2.90	2.90
	3.20	3.24
60 X 40	2.90	4.12
66 X 33	2.90	4.07
	3.60	4.93
	4.50	5.95
80 X 40	2.90	5.03
	3.20	5.50
	4.00	6.71
96 X 48	3.20	6.71
	4.00	8.22
	4.80	9.66
122 X 61	3.60	9.67
	4.50	11.88
	5.40	14.01
145 X 82	4.80	15.92
	5.40	17.74

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
172 X 92	4.80	18.71
	5.40	20.88
200 X 100	4.00	18.01
	5.00	22.26
	6.00	26.40



TATA SHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
25 X 25	2.60	1.69
	3.20	1.98
32 X 32	2.60	2.26
	3.20	2.69
38 X 38	2.60	2.75
	3.20	3.29
	4.00	3.95
40 X 40	2.60	2.92
	3.20	3.49
	4.00	4.20
50 X 50	2.60	3.74
	2.90	4.12
	3.60	4.98
	4.50	6.02
60 X 60	2.60	4.55
	3.20	5.50
	4.00	6.71
	4.80	7.85

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
72 X 72	3.20	6.71
	4.00	8.22
	4.80	9.66
80 X 80	3.20	7.51
	4.00	9.22
	4.80	10.87
91.5 X 91.5	3.60	9.67
	4.50	11.88
	5.40	14.01
100 X 100	4.00	11.73
	5.00	14.41
	6.00	16.98
132 X 132	4.80	18.71
	5.40	20.88
150 X 150	4.00	18.01
	5.00	22.26
	6.00	26.40
	8.00	34.38

TATA SHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
180 X 180	4.00	21.78
	5.00	26.97
	6.00	32.05
	8.00	41.91
220 X 220	5.00	33.25
	6.00	39.59
	8.00	51.96
250 X 250	10.00	63.92
	6.00	45.24
	8.00	59.50
300 x 300	10.00	73.34
	6.00	54.66
	8.00	72.06
	10.00	89.04
	12.00	105.61
	14.00	121.77
	16.00	137.51

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
400 x 400	8.00	97.18
	10.00	120.44
	12.00	143.29
	14.00	165.75
	16.00	187.69
450 x 450	8.00	109.75
	10.00	136.15
	12.00	162.18
	16.00	213.00
500 x 500	18.00	237.65
	8.00	122.30
	10.00	151.84
	12.00	180.99
	16.00	238.06
	18.00	265.97
	20.00	293.48

TATA RHS PIPES

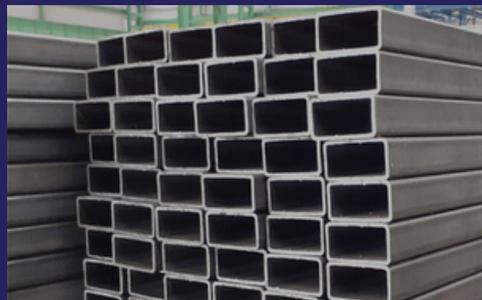
SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
50 X 25	2.00	2.15
	2.60	2.71
	3.20	3.24
	4.00	3.88
60 X 40	2.60	3.73
	2.90	4.12
	3.60	4.98
	4.50	6.02
66 X 33	2.60	3.69
	2.90	4.07
	3.60	4.93
	4.50	5.95
80 X 40	2.60	4.55
	3.20	5.50
	4.00	6.71
	4.80	7.85
96 X 48	3.20	6.71
	4.00	8.22
	4.80	9.66

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
122 X 61	3.60	9.67
	4.50	11.88
	5.40	14.01
145 X 82	4.80	15.92
	5.40	17.74
172 X 92	4.80	18.71
	5.40	20.88
200 X 100	4.00	18.01
	5.00	22.26
	6.00	26.4
	8.00	34.38
240 X 120	4.00	21.78
	5.00	26.97
	6.00	32.05
	8.00	41.91
300 X 150	6.00	40.53
	8.00	53.22
	10.00	65.49

TATA RHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
300 x 200	6.00	45.24
	8.00	59.50
	10.00	73.35
	12.00	86.78
400 x 200	6.00	54.77
	8.00	72.15
	10.00	89.05
	12.00	105.60
	14.00	121.82
500 x 200	6.00	64.15
	8.00	84.65
	10.00	104.78
	12.00	124.58
	16.00	162.58
500 x 300	6.00	73.51
	8.00	97.20
	10.00	120.45
	12.00	143.37

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
500 x 300	16.00	187.81
	18.00	209.18
600 x 200	6.00	73.51
	8.00	97.26
	10.00	120.42
	12.00	143.32
	16.00	187.84
700 x 300	1800	209.47
	8.00	122.32
	10.00	151.83
	12.00	181.15
	16.00	238.49
18.00	265.84	



APOLLO SHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
12 X 12	1.60	0.47
	2.00	0.55
15 X 15	1.60	0.62
	2.00	0.74
	2.20	0.79
20 X 20	1.60	0.87
	2.00	1.05
	2.20	1.13
	2.60	1.29
25 X 25	1.60	1.12
	2.00	1.37
	2.20	1.48
	2.60	1.7
	2.90	1.84
30 X 30	1.60	1.37
	2.00	1.68
	2.20	1.82
	2.60	2.10

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
30 X 30	2.90	2.30
	3.00	2.36
	3.20	2.49
	4.00	2.94
	5.00	3.42
	6.00	3.79
32 X 32	1.60	1.48
	2.00	1.81
	2.20	1.96
	2.60	2.26
	2.90	2.48
	3.20	2.68
38 X 38	2.00	2.18
	2.20	2.38
	2.60	2.76
	2.90	3.05
	3.60	3.85
	4.60	4.83

APOLLO SHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
40X40	1.60	1.65
	2.20	2.07
	2.60	2.51
	2.90	2.92
	3.20	3.21
	3.00	3.30
	3.20	3.49
	3.60	3.85
	4.00	4.20
	5.00	4.99
	6.00	5.68
8.00	6.74	
45 X 45	1.60	2.13
	2.00	2.62
	2.20	2.86
	2.60	3.33
	2.90	3.67
	3.20	4.02

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
45 X 45	4.60	4.83
50 X 50	1.60	2.38
	2.00	2.94
	2.20	3.20
	2.60	3.74
	2.90	4.12
	3.00	4.25
	3.20	4.50
	3.60	4.98
	4.50	5.48
	5.00	6.02
	6.00	6.56
	8.00	7.56
9.00	9.26	
60 X 60	2.00	3.55
	2.20	3.89
	2.60	4.55
	2.90	5.03

APOLLO SHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
60 X 60	3.00	5.19
	3.20	5.50
	4.00	6.19
	4.50	6.71
	5.00	8.13
	6.00	9.44
	8.00	11.77
72 X 72	2.00	4.32
	2.20	4.73
	2.60	5.53
	2.90	6.12
	3.20	6.70
	3.60	7.47
	4.20	8.22
	4.50	9.13
	5.00	10.02
	6.00	11.70
	8.00	14.78

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
75 X 75	2.00	4.78
	2.20	4.93
	2.60	5.78
	2.90	6.40
	3.20	6.60
	3.60	7.01
	4.00	8.60
	4.50	9.55
	5.00	10.49
	6.00	12.27
80 X 80	2.00	4.82
	2.20	5.28
	2.60	6.19
	2.90	6.85
	3.20	7.51
	3.60	8.38
	4.00	9.22
	4.50	10.26

APOLLO SHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
80 X 80	5.00	11.27
	6.00	13.21
91.5 X 91.5	2.00	5.54
	2.20	6.07
	2.60	7.12
	2.90	7.90
	3.20	8.67
	3.60	9.67
	4.00	10.67
	4.50	11.88
100 X 100	2.00	6.08
	2.20	6.66
	2.60	7.82
	2.90	8.67
	3.00	8.05
	3.20	9.52
	3.60	10.64

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
100 X 100	4.00	11.74
	4.50	13.09
	5.00	14.41
	6.00	16.88
110 X 110	8.00	21.92
	2.60	8.64
	2.90	9.58
	3.20	10.37
	3.60	11.77
	4.00	12.99
	4.50	14.50
	5.00	15.88
120 X 120	6.00	18.36
	8.00	24.33
	2.60	9.45
	2.90	10.50
	3.20	11.53
	3.60	12.90

APOLLO SHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
120 X 120	4.00	14.25
	4.50	15.91
	5.00	17.55
	6.00	20.85
	8.00	26.84
125 X 125	2.90	9.96
	3.20	10.95
	3.60	13.46
	4.00	14.88
	4.50	16.62
	5.00	18.14
	6.00	21.69
	8.00	28.49
140 x 140	2.90	13.22
	3.60	15.54
	4.00	16.76
	4.50	18.74
	5.00	20.69

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
140 X 140	6.00	24.52
	8.00	31.86
150 X 150	3.20	14.55
	3.60	16.29
	4.00	18.02
	4.50	20.15
	5.00	22.26
	6.00	26.40
	8.00	34.38
175 x 175	10.00	41.93
	4.00	21.16
	4.50	23.68
	5.00	26.19
	6.00	31.11
	8.00	40.66
180 x 180	10.00	49.78
	4.00	21.78
180 x 180	4.50	24.39

APOLLO SHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
180 X 180	5.00	26.97
	6.00	32.05
	8.00	41.91
	10.00	51.35
200 X 200	4.00	24.30
	4.50	27.22
	5.00	30.11
	6.00	35.82
	8.00	46.94
	10.00	57.63
	12.00	67.93
220 x 220	5.00	30.95
	5.50	33.25
	6.00	35.59
	8.00	50.36
	10.00	63.91
	12.00	75.46
225 x 225	4.50	30.75
	5.00	32.55

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
225 X 225	6.00	40.53
	8.00	53.22
	10.00	65.48
	12.00	77.35
250 X 250	5.00	37.96
	6.00	45.24
	8.00	59.50
	10.00	73.33
	12.00	86.77
275 x 275	5.00	41.89
	6.00	49.95
	8.00	65.78
	10.00	81.18
300 x 300	12.00	96.19
	6.00	54.66
	8.00	72.06
	10.00	89.03
	12.00	105.61
	14.00	121.76

APOLLO SHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
300 X 300	16.00	137.51
	18.00	152.84
	20.00	167.75
350 X 350	6.00	64.08
	8.00	84.62
	10.00	104.73
	12.00	124.45
	14.00	143.74
	16.00	162.63
	18.00	181.10
	20.00	199.15
400 x 400	6.00	73.50
	8.00	97.18
	10.00	120.43
	12.00	143.29
	14.00	165.72
	16.00	187.75
	18.00	209.36
	20.00	230.55

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
450 X 450	8.00	109.74
	10.00	136.13
	12.00	162.13
	14.00	187.70
	16.00	212.87
	18.00	237.62
500 x 500	20.00	261.95
	8.00	1122.30
	10.00	151.83
	12.00	180.97
	14.00	209.68
	16.00	237.99
	18.00	265.88
	20.00	293.35



APOLLO RHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
26 X 13	1.60	0.85
	2.00	1.02
30 X 20	1.60	1.12
	2.00	1.37
	2.20	1.48
40 X 10	1.60	1.12
	2.00	1.37
40 X 20	1.60	1.37
	2.00	1.68
	2.60	2.10
40 X 25	1.60	1.50
	2.00	1.84
	2.20	1.99
	2.60	2.31
50 X 25	1.60	1.75
	2.00	2.15
	2.20	2.34
	2.60	2.72

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
50 X 30	1.60	1.88
	2.00	2.31
	2.20	2.51
	2.60	2.92
60 X 40	2.90	3.21
	1.60	2.38
	2.00	2.94
60 X 40	2.20	3.20
	2.60	3.74
	2.90	4.12
	3.00	4.25
	3.20	4.50
	3.60	4.98
	66 X 33	1.60
2.00		2.90
2.20		3.17
2.60		3.69
2.90		4.07
3.20		4.44

APOLLO RHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
75 X 25	1.60	2.38
	2.00	2.94
	2.20	3.20
	2.60	3.74
	3.00	4.25
75 X 50	1.60	3.01
	2.00	3.72
	2.20	4.07
	2.60	4.76
	2.90	5.26
	3.20	5.75
	3.60	6.40
	4.00	7.03
80 X 40	1.60	2.88
	2.00	3.56
	2.20	3.89
	2.60	4.55
	2.90	5.03
	3.00	5.19

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
80 X 40	3.20	5.50
	3.60	6.12
	4.00	6.71
96 X 48	1.60	3.49
	2.00	4.32
	2.20	4.73
	2.60	5.53
	2.90	6.12
	3.20	6.70
	3.60	7.47
	4.00	8.22
100 X 50	1.60	3.63
	2.00	4.51
	2.20	4.92
	2.60	5.78
	2.90	6.40
	3.00	6.60
	3.20	7.01

APOLLO RHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
100 X 50	3.60	7.81
	4.00	8.60
	4.50	9.55
	5.00	10.49
120 X 60	1.60	4.39
	2.00	5.45
	2.20	5.97
	2.60	7.00
	2.90	7.76
	3.20	8.52
	3.60	9.51
	4.00	10.48
	4.50	11.67
	5.00	12.84
150 x 25	1.60	4.26
	2.00	5.29
	2.20	5.79
	2.60	6.80

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
150 X 50	1.60	4.89
	2.00	6.08
	2.20	6.66
	2.60	7.82
	2.90	8.67
	3.00	8.96
	3.20	9.52
	3.60	10.64
	4.00	11.74
150 x 75	4.50	13.09
	5.00	14.41
	2.60	8.84
	2.90	9.81
	3.20	10.78
	3.60	12.05
	4.00	13.31
	5.00	16.38
6.00	19.33	

APOLLO RHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
150 X 100	2.90	10.95
	3.20	12.03
	3.60	13.46
	4.00	14.88
	5.00	18.34
	6.00	21.69
	8.00	28.10
200 X 100	2.90	13.23
	3.20	14.25
	3.60	16.29
	4.00	18.02
	5.00	22.26
	6.00	26.40
	8.00	34.38
240 x 120	4.00	21.78
	5.00	26.97
	6.00	32.05
	8.00	41.91

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
250 X 100	4.00	21.16
	5.00	26.19
	6.00	31.11
	8.00	40.66
250 x 150	4.00	24.30
	5.00	30.11
	6.00	35.82
	8.00	46.94
	10.00	57.63
280 X 100	5.00	28.54
	6.00	33.94
300 X 150	4.00	27.44
	5.00	34.04
	6.00	40.53
	8.00	53.22
300 x 200	10.00	65.48
	4.00	30.58
	5.00	37.96

APOLLO RHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
300 X 200	6.00	45.24
	8.00	59.50
	10.00	73.33
	12.00	86.77
	14.00	99.78
350 X 250	5.00	45.81
	6.00	54.66
	8.00	72.06
	10.00	89.03
	12.00	105.61
400 X 200	5.00	45.81
	6.00	54.66
	8.00	72.06
	10.00	89.03
	12.00	105.61
	14.00	121.76
400 X 300	6.00	64.08
	8.00	84.62
	10.00	104.73

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
400 X 300	12.00	124.45
	14.00	143.74
	16.00	162.63
	18.00	181.10
	20.00	199.15
500 X 200	6.00	64.08
	8.00	84.62
	10.00	104.73
	12.00	124.45
	14.00	143.74
	16.00	162.63
	18.00	181.10
20.00	199.15	
500 X 300	8.00	97.18
	10.00	120.43
	12.00	143.29
	16.00	187.75
	18.00	209.36
20.00	230.55	

APOLLO RHS PIPES

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
600 X 200	6.00	73.50
	8.00	97.18
	10.00	120.43
	12.00	143.29
	14.00	165.72
	16.00	187.75
	18.00	209.36
	20.00	230.55

600 X 300	8.00	109.74
	10.00	136.13
	12.00	162.13
	14.00	187.70
	16.00	212.87
	18.00	237.62
	20.00	261.95

SIZE	WALL THICKNESS	NOMINAL WEIGHT
mm	mm	Kg/m
600 X 400	8.00	122.30
	10.00	151.83
	12.00	180.97
	14.00	209.68
	16.00	237.99
	18.00	265.88
	20.00	293.35



TOLERANCE

Thickness Tolerance

Grade	TOLERANCE
IS 4923	$\pm 10\%$ for all thickness

Width Tolerance

Grade	TOLERANCE
IS 4923	$\pm 1\%$

Length Tolerance

Grade	Tolerance
IS 4923	± 0.5 mtr

Corner Squareness Tolerance

Grade	Tolerance
IS 4923	90 Degree ± 2 Degree

Weight Tolerance

Grade	Tolerance
IS 4923	$\pm 7.5\%$

Applications:

- **Automatic Chassis**
- Cabins
- **Bus Stands**
- Scaffoldings
- **Trolleys**
- Staircases
- **Hand Railings**
- Fencing Poles Hydraulic Platform
- **Columns & Purlins**
- Conveyor Supports
- **Transmission Towers**
- Ventilation Ducts
- **Modular Furniture for Office**

MILD STEEL SEAMLESS PIPES

Remarkable Blend of Precision, Performance & Durability.

The seamless construction **eliminates leaks and weak points**, delivering a smooth and **uninterrupted flow** of fluids or gases. Its **adherence to strict industry standards** guarantees precise dimensions, enabling effortless integration and reducing labour costs during installation.

Whether **for industrial complexes, residential systems**, or specialized applications like **oil and gas pipelines** or **HVAC systems**, this pipe's versatility meets every demand.

We offer a **wide range of sizes** to **cater to diverse project requirements**.

Expect **competitively priced products without compromising on quality**. Customer Satisfaction is our top quality, from product selection to after-sales support, we strive to deliver **exceptional customer service & build lasting relationships**.

Product Name: SEAMLESS PIPES

Category: Mild Steel

Shape: Circular

Surface: Mill Finish

Colour: Black/ Dark Gray

Minimum Order Quantity: 01 Metric Tonne



HSN CODE: 7304

Payment Terms: NEFT / RTGS / IMPS

Delivery Time: Usually 1-2 Business Days for Intra State, Exact duration depends on specific location

Main Domestic Market: Pan India

Make:

- IMPORTED (CHINESE)
- MSL (INDIAN)



Grades Available:

- ASTM 106 Gr. B
- ASTM A53 Gr. B

(Both IBR & Non IBR approved available)

Size Available:

- 6mm NB x 1.24mm thk
To
- 500mm NB x 26.19mm thk

Length:

4-7 meters



MSL SEAMLESS PIPES

SIZE		SCHEDULE	WALL THICKNESS	NOMINAL WEIGHT
Nominal Bore	Outer Diameter		mm	Kg/m
6 mm or 1/4"	10.3 mm	10	1.24	0.28
		30	1.45	0.32
		40	1.73	0.37
		80	2.41	0.47
8 mm or 1/3"	13.7 mm	10	1.65	0.49
		30	1.85	0.54
		40	2.24	0.63
		80	3.02	0.80
10 mm or 3/8"	17.1 mm	10	1.65	0.63
		30	1.85	0.70
		40	2.31	0.84
		80	3.20	1.10
15 mm or 1/2"	21.3 mm	10	2.11	1.00
		30	2.41	1.12
		40	2.77	1.27
		80	3.73	1.62
		160	4.78	1.95

MSL SEAMLESS PIPES

SIZE		SCHEDULE	WALL THICKNESS	NOMINAL WEIGHT
Nominal Bore	Outer Diameter		mm	Kg/m
20 mm or 3/4"	26.7 mm	10	2.11	1.28
		30	2.41	1.44
		40	2.87	1.69
		80	3.91	2.20
		160	5.56	2.90
25 mm or 1"	33.4 mm	10	2.77	2.09
		30	2.90	2.18
		40	3.38	2.50
		80	4.55	3.24
		160	6.35	4.24
32 mm or 1 1/4"	42.2 mm	30	2.97	2.87
		40	3.56	3.39
		80	4.85	4.47
		160	6.35	5.61
40 mm or 1 1/2"	48.3 mm	30	3.18	3.53
		40	3.68	4.05
		80	5.08	5.41
		160	7.14	7.25

MSL SEAMLESS PIPES

SIZE		SCHEDULE	WALL THICKNESS	NOMINAL WEIGHT
Nominal Bore	Outer Diameter		mm	Kg/m
50 mm or 2"	60.3 mm	30	3.18	4.48
		40	3.91	5.44
		80	5.54	7.48
		160	8.74	11.11
65 mm or 2 1/2"	73.0 mm	30	4.78	8.04
		40	5.16	8.63
		80	7.01	11.41
		160	9.53	14.92
80 mm or 3"	88.9 mm	30	4.78	9.92
		40	5.49	11.29
		80	7.62	15.27
		160	11.13	21.35
90 mm or 3 1/2"	101.6 mm	30	4.78	11.41
		40	5.74	13.57
		80	8.08	18.64
100 mm or 4"	114.3 mm	40	6.02	16.08
		80	8.56	22.32
		160	13.49	33.54

MSL SEAMLESS PIPES

SIZE		SCHEDULE	WALL THICKNESS	NOMINAL WEIGHT
Nominal Bore	Outer Diameter		mm	Kg/m
125 mm or 5"	141.3 mm	40	6.55	21.77
		80	9.53	30.97
		160	15.88	49.12
150 mm or 6"	168.3 mm	40	7.11	28.26
		80	10.97	42.56
		160	18.26	67.57
200 mm or 8"	219.1 mm	40	8.18	42.55
		60	10.31	53.09
		80	12.70	64.64
		160	23.01	111.27
250 mm or 10"	273.0 mm	40	9.27	60.29
		60	12.70	81.53
		80	15.09	95.98
		160	28.58	172.27
300 mm or 12"	323.8 mm	40	10.31	79.71
		60	14.27	108.93
		80	17.48	132.05
		160	33.32	238.69

MSL SEAMLESS PIPES

SIZE		SCHEDULE	WALL THICKNESS	NOMINAL WEIGHT
Nominal Bore	Outer Diameter		mm	Kg/m
350 mm or 14"	355.6 mm	40	11.13	94.55
		60	15.09	126.72
		80	19.05	158.11
		160	35.71	281.72
400 mm or 16"	406.4 mm	40	12.70	123.31
		60	16.66	160.12
		80	21.44	203.54
450 mm or 18"	457.0 mm	40	14.27	155.81
		60	19.05	205.75
		80	23.83	254.57
500 mm or 20"	508.0 mm	40	15.09	183.43
		60	20.62	247.84
		80	26.19	311.19



IMPORTED SEAMLESS PIPES

SIZE		SCHEDULE	WALL THICKNESS	NOMINAL WEIGHT
Nominal Bore	Outer Diameter		mm	Kg/m
6 mm or 1/4"	10.3 mm	40	1.70	0.36
		80	2.40	0.47
8 mm or 1/3"	13.7 mm	40	2.24	0.63
		80	3.02	0.80
10 mm or 3/8"	17.1 mm	40	2.31	0.84
		80	3.20	1.10
15 mm or 1/2"	21.3 mm	40	2.77	1.27
		80	3.73	1.62
20 mm or 3/4"	26.7 mm	40	2.87	1.69
		80	3.91	2.20
		160	5.56	2.89
25 mm or 1"	33.4 mm	40	3.38	2.50
		80	4.55	3.23
		160	6.35	4.23
32 mm or 1 1/4"	42.2 mm	40	3.56	3.38
		80	4.85	4.47
		160	6.35	5.60

IMPORTED SEAMLESS PIPES

SIZE		SCHEDULE	WALL THICKNESS	NOMINAL WEIGHT
Nominal Bore	Outer Diameter		mm	Kg/m
40 mm or 1 1/2"	48.3 mm	40	3.68	4.05
		80	5.08	5.41
		160	7.14	7.25
50 mm or 2"	60.3 mm	40	3.91	5.44
		80	5.54	7.48
		160	8.74	11.11
65 mm or 2 1/2"	73.0 mm	40	5.16	8.63
		80	7.01	11.41
		160	9.53	14.92
80 mm or 3"	88.9 mm	40	5.49	11.29
		80	7.62	15.27
		160	11.13	21.35
90 mm or 3 1/2"	101.6 mm	40	5.74	13.57
		80	8.08	18.64
100 mm or 4"	114.3 mm	40	6.02	16.08
		80	8.56	22.32
		120	11.13	28.30
		160	13.49	33.54

IMPORTED SEAMLESS PIPES

SIZE		SCHEDULE	WALL THICKNESS	NOMINAL WEIGHT
Nominal Bore	Outer Diameter		mm	Kg/m
125 mm or 5"	141.3 mm	40	6.55	21.77
		80	9.53	30.97
		120	12.70	40.28
		160	15.88	49.12
150 mm or 6"	168.3 mm	40	7.11	28.26
		80	10.97	42.56
		120	14.27	54.20
		160	18.26	67.57
200 mm or 8"	219.1 mm	40	8.18	42.55
		60	10.31	53.09
		80	12.70	64.64
		120	15.09	75.79
		160	23.01	111.27
250 mm or 10"	273.0 mm	40	9.27	60.29
		60	12.70	81.53
		80	15.09	95.98
		120	21.44	133.00
		160	28.58	172.27

IMPORTED SEAMLESS PIPES

SIZE		SCHEDULE	WALL THICKNESS	NOMINAL WEIGHT
Nominal Bore	Outer Diameter		mm	Kg/m
300 mm or 12"	323.8 mm	30	8.38	65.20
		40	10.31	79.71
		60	14.27	108.93
		80	17.48	132.05
		120	25.40	186.92
		160	33.32	238.69
350 mm or 14"	355.6 mm	30	9.53	81.28
		40	11.13	94.55
		60	15.09	126.72
		80	19.05	158.11
		120	27.79	224.60
		160	35.71	281.72
400 mm or 16"	406.4 mm	30	9.53	93.21
		40	12.70	123.31
		60	16.66	160.12
		80	21.44	203.54
		120	30.96	286.62
		160	40.49	365.39

IMPORTED SEAMLESS PIPES

SIZE		SCHEDULE	WALL THICKNESS	NOMINAL WEIGHT
Nominal Bore	Outer Diameter		mm	Kg/m
450 mm or 18"	457.0 mm	30	11.13	122.36
		40	14.27	155.81
		60	19.05	205.75
		80	23.83	254.57
		120	34.96	363.65
		160	45.24	459.51
500 mm or 20"	508.0 mm	30	12.70	155.10
		40	15.09	183.43
		60	20.62	247.84
		80	26.19	311.19
		120	38.00	440.43
		160	50.00	564.70
600 mm or 24"	609.6 mm	30	15.09	209.54
		40	20.62	255.14
		60	32.50	355.02
		80	38.00	441.00
		120	50.00	639.00
		160	59.50	807.00

Applications:

- **Transporting Crude Oil, Natural Gas & Refined Petroleum Products**
- **Used in Boilers, Heat Exchangers & High Pressure Piping Systems**
- **Drilling Rigs**
- **LNG Terminals**



MILD STEEL SPIRAL WELDED PIPES

Searching for a **reliable and high-quality piping solution** for your industrial or construction projects?

Look no further!

MS Spiral Welded Pipe is the perfect choice **that will** exceed your expectations and deliver exceptional performance every step of the way.

- **Crafted from premium-grade mild steel**
- **Designed to withstand even the harshest conditions**
- **Manufactured using state-of-the-art welding techniques, resulting in Seamless Joints**
- **Can be coated with a High-Quality Corrosion Resistant Material**
- **Requires Low Maintenance**
- **Undergoes Rigorous Quality Checks & Inspected**

Product Name: HSAW & LSAW Spiral Welded Pipe

Category: Mild Steel

Shape: Circular

Surface: Mill Finish

Colour: Black/ Dark Gray

Minimum Order Quantity: 01 Metric Tonne

Payment Terms: NEFT / RTGS / IMPS

Delivery Time: Usually 1-2 Business Days for Intra State, Exact duration depends on specific location

Main Domestic Market: Pan India



HSN CODE: 7306



Make:

- SAIL
- JCO
- IMPORTED

Grades Available:

- IS 3589 FE 330 / 410

Size Available:

- 16" OD
To
- 110" OD

Length:

6-13 meters

Coatings Available:

- Liquid Epoxy Coating
- Cement Mortar Lining
- Guniting (External Cement Lining)
- Coal Tar Tape Coating
- Epoxy Based Coating (Internal / External)
- External Varnish
- Red Oxide Coating





SIZE CHART

Outer Diameter	
Inch	mm
16"	406.40
18"	457.20
20"	508.00
22"	558.80
24"	609.60
28"	711.20
30"	762.00
32"	812.80
34"	863.60
36"	914.40
38"	965.20
40"	1016.00
42"	1066.80
44"	1117.60
46"	1168.40
48"	1219.20
50"	1270.00
52"	1320.80
56"	1422.40
58"	1473.20

SIZE CHART

Outer Diameter	
Inch	mm
60"	1524.00
62"	1574.80
64"	1625.60
66"	1676.40
68"	1727.20
70"	1778.00
72"	1828.80
74"	1879.60
76"	1930.40
78"	1981.20
80"	2032.00
84"	2133.60
88"	2235.20
90"	2286.00
94"	2387.60
98"	2489.20
100"	2540.00
104"	2641.60
110"	2794.00

SIZE CHART

Thickness	
Size	mm
16" - 24"	5.0 to 10.0
28" - 36"	6.3 to 12.0
38" - 48"	8.0 to 14.5
50" - 64"	9.5 to 14.5
66" - 110"	10.0 to 25.0



Applications:

- **Deep Sea Oil & Gas Transportation**
- **Petrochemical Plants for Fluids**
- **Hydro Projects**
- **Penstock Pipes in Dams**
- **Drainage Systems**
- **Cooling Towers & condensers**



GALVANISED IRON SHEET

Introducing **Galvanized Iron (GI) Plain & Corrugated Sheets**: Elevate Your Projects with Unmatched Quality and Durability!

Meticulously crafted to meet the highest industry standards and exceed your expectations.

- **Zinc Coating: 80 GSM (Mass Coating both sides included)**
- Stroboscopic Light Inspection for identification of defects, if any
- **Light Laser Welded**
- Galvanized Zero Spangle Product- No Lead and Antimony used
- **Electrolytic Degreasing before annealing**
- Zero-T test for ensuring superior adherence
- **Hot Dipped Galvanised**

Product Name: G.I. COILS & SHEETS (Plain & Corrugated)

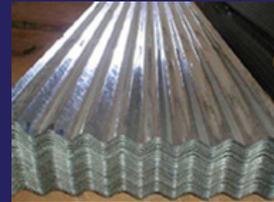
Category: Galvanised Steel

Shape: Circular & Sheet Form (Rectangular)

Surface: Dull Finish

Colour: Silver

Minimum Order Quantity: 01 Metric Tonne



HSN CODE: 7210

Payment Terms: NEFT / RTGS / IMPS

Delivery Time: Usually 1-2 Business Days for Intra State, Exact duration depends on specific location

Main Domestic Market: Pan India



Make:

- SAIL
- JINDAL

Grades Available:

- IS 277 : 2018
- ASTM A 653



G.P. Sheets Size Available:

- Thickness: 0.12 mm to 2.00 mm
- Width: 900 mm to 1250 mm
- Length: 1800 mm to 3600 mm

G.C. Sheets Size Available:

- Thickness: 0.50 mm to 1.25 mm
- Width: 810 mm to 910 mm
- Length: 1800 mm to 3600 mm

G.C. Sheets:

- No. of Corrugation:
 - 810 mm width: 10
 - 910 mm width: 11
- Depth of Corrugation: 17.5 mm
- Pitch: 75 mm

CHEMICAL COMPOSITION

Quality IS 277 :2018	Ladle Ananlysis, Wt % Max			
	C	Mn	S	P
G.P.	0.25	1.70	0.045	0.050
G.C.	0.15	0.60	0.040	0.050

MECHANICAL PROPERTIES

Quality IS 277 : 2018	Tensile Strength max. MPa	Yield Point or Proof Stress max. MPa	% Elongation A, at Gauge (min)	
			80 mm GL	50 mm GL
G.P.	-	-	-	-
G.C.	-	-	-	-

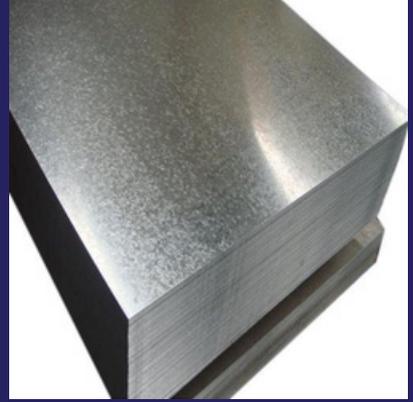
G.P. Coils Size Available:

- Thickness: 0.12 mm to 2.00 mm
- Width: 900 mm, 1000 mm, 1100 mm, 1220 mm & 1250 mm



Applications:

- **AC Ducts**
- **Panelling**
- **Door Frames**
- **Shutters**
- **Coolers**
- **Storage Bins**
- **Auto Sector**
- **Ice Box Drums**
- **Buckets**
- **Tubs**
- **Tanks**
- **Trunks**
- **Tubes**
- **Grain Silos**
- **Solar Plants**
- **Milk Cans**
- **Tornados**
- **Cooling Tower**
- **Roofing**
- **Industrial Sheds**



SEMIS

Semi-finished steel products, commonly known as Semis, are the **primary raw material for rolling mills** and downstream steel processing industries.

These include **billets, blooms, and slabs**, each designed for specific **applications in construction, automotive, shipbuilding, and heavy engineering industries**.

Products Available:

- **Billets:** Small, rectangular, or square cross-section steel used in manufacturing rebars, wire rods, and seamless tubes. Ideal for construction and infrastructure projects.
- **Blooms:** Larger than billets, blooms are used in the production of rails, heavy structural sections, and forgings, providing strength and durability to industrial applications.
- **Slabs:** Flat and wide steel sections processed into plates, sheets, and coils for applications in shipbuilding, pipelines, and automotive body panels.

Key Features:

- ✓ High strength and durability
- ✓ Excellent weldability and machinability
- ✓ Precise chemical composition for optimal performance
- ✓ Manufactured to meet international quality standards



HSN CODE: 7207

Minimum Order Quantity: 25 Metric Tonne

Payment Terms: NEFT / RTGS / IMPS

Delivery Time: Usually 1-2 Business Days for Intra State, Exact duration depends on specific location

Main Domestic Market: Pan India



Billets Size Available: C-20 / C-25:

- 65 x 65
- 77 x 77
- 90 x 90
- 100 x 100
- 105 x 105
- 125 x 125
- 150 x 150



Blooms Size Available:

- **C-20 / 45 C8:**
 - 350 x 240
 - 300 x 335
 - 320 x 320
- **Sail Tower (HT) / A105**
 - 210 x 160
 - 250 x 160
- **EN 8D / A 105**
 - 200 x 200
 - 250 x 250
 - 250 x 320



Slabs Size Available: M.S.

- 200 x 250
- 200 x 310
- 200 x 410
- 200 x 1250
- 200 x 1500
- 250 x 1500
- 320 x 1500



PIG IRON

The Foundation of Quality Steel

A vital raw material in the iron and steel industry, known for its high carbon content and excellent castability.

Sourced from premium-grade iron ore, our pig iron ensures superior metallurgical properties, making it ideal for steelmaking, foundries, and precision casting applications.

Steel Grades Available:

- Carbon Steel
- Alloy Steel
- Stainless Steel
- Structural Steel



Why Choose Us?

- ✓ High strength and durability
- ✓ On-Time Delivery
- ✓ Consistent Quality
- ✓ Competitive Pricing

HSN CODE: 7201

Sizes:

Single Notch 12-18 Kgs in weight
Chips /Broken pieces below 25 mm not exceeding 5%
Dust dirt and moisture exceeding 0.5%

Minimum Order Quantity: 25 Metric Tonne

Payment Terms: NEFT / RTGS / IMPS

Delivery Time: Usually 1-2 Business Days for Intra State, Exact duration depends on specific location

Main Domestic Market: Pan India

CHEMICAL COMPOSITION

Ladle Analysis, Wt % Max

C	Mn	S	P	Si
4.22	0.28	0.048	0.112	0.51

MECHANICAL PROPERTIES

Steel Grade	Tensile Strength max. MPa	Yield Point or Proof Stress max. MPa	% Elongation A, at Gauge (min)
Carbon Steel	600	400	20
Alloy Steel	700	500	15
Stainless Steel	620	275	40
Structural Steel	450	345	23



ROOFING & CLADDING SOLUTIONS

A Strong, Durable, and Well-Ventilated roofing system is essential for any industrial, commercial, or residential structure.

Our **Roofing & Cladding Solutions** offer a **comprehensive range of high-quality products** designed to provide superior protection, longevity, and aesthetic appeal.

- **High Performance Roofing Sheets**
- **Advanced Ventilation Systems**
- **Essential Roofing Accessories**

Products Available:

- Roofing Sheets:
Colour Coated Roofing Sheets
Pre Painted Galvalume Sheets (PPGL)
Polycarbonate Sheets.
- Ventilation Systems
Roof Air Ventilator
Roof Ventilator Base
- Roofing Accessories
Ridge
Flashing
Corner Sheets
Valley Gutter (Donga)
- Structural Support & Finishing
Matka / Riche



Minimum Order Quantity: 01 Metric Tonne

Payment Terms: NEFT / RTGS / IMPS

Delivery Time: Usually 1-2 Business Days for Intra State, Exact duration depends on specific location

Main Domestic Market: Pan India

Colour Coated Roofing Sheets

Make:

- JINDAL
- BHUSHAN

Shape:

- CORRUGATED
- TRAPEZODIAL
- TILE PROFILE
- FLAT

Colour:

- RED
- BLUE
- WHITE
- GREEN
- GRAY

Dimension:

- Thickness: 0.40mm to 0.70mm
- Width: 900mm, 1000mm
- Length: 6' to as per Requirement



Polycarbonate Sheets

Make:

- LOCAL ROLLED



Shape:

- SOLID (0.80mm to 12mm X 8ft X 4ft)
- MULTIWALL (6mm to 12mm X 39ft X 4ft, 39ft X 7ft)
- HONEYCOMB (12mm X 39ft X 7ft)

Colour:

- Transparent
- Opal
- White
- Bronze
- Black
- Lake Blue
- Green
- Smoke Gray
- Metallic Gray



Roof Air Ventilator

Self-Driven Equipment installed on the roofs to expel hot air and improve ventilation

Key Features:

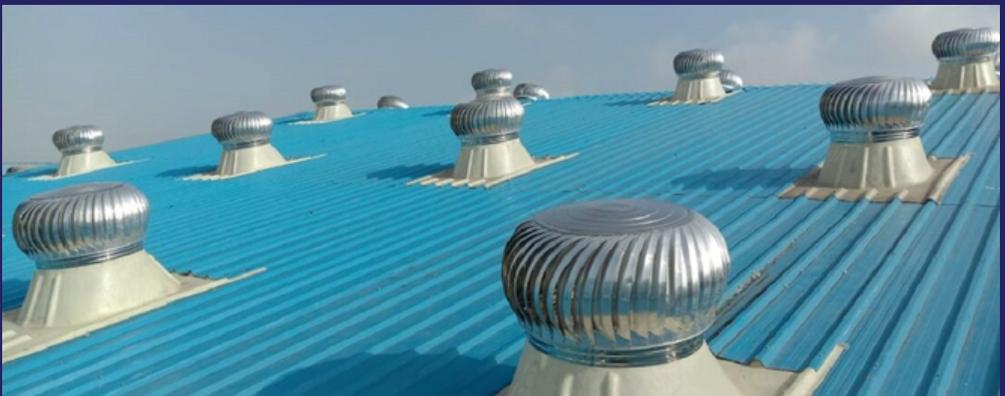
- Energy-Free Operations
- Aerodynamic Design
- Weather Proof & Maintenance Free

Make:

- LOCAL ROLLED

Size:

- Options Available in multiple sizes to suit different roof types and ventilation needs.
- Provided with Roof Air Ventilator Base



FASTENERS, FITTINGS & WIRE PRODUCTS

Your **Trusted Source** for **high-quality fasteners, fittings, and wire products**—built for strength, precision, and reliability.

Comprehensive Range of Industrial Hardware Items, tailored to meet your project needs with precision and reliability.

Products Available:

- Fasteners:

- Nut
- Screw
- Bolt
- Washer
- Foundation Bolt
- Rivet
- Anchor
- Hex Head Bolt, Nut, Screw
- Self Drilling Screw
- Eye Bolt
- Lock Nut
- Flange Nut
- Threaded Rods

- Wire Products:

- Wire Rod
- Barbed Wires
- Mesh
- Binding Wires

- Pipe Fittings:

- Elbow
- Bend
- Nipple
- Reducer
- Tee
- Cross
- Coupling
- Union
- Adapter
- Bushing
- Flange
- Bit Socket
- Clamp
- Teflon Tape



TYPES OF FASTENERS



CARBON & ALLOY STEEL

Built for performance. Trusted for strength.

Our **Carbon and Alloy Steels** are engineered to deliver unmatched strength, durability, and reliability across a wide range of industrial applications.

With **carbon steels** offering excellent weldability, machinability, and cost efficiency and **alloy steels** providing enhanced hardness, tensile strength, and resistance to heat, impact, and corrosion, this range is tailored for sectors such as construction, automotive, railways, energy, and heavy engineering.

Whether you require **structural toughness** or **high-performance mechanical properties**, our carefully sourced and tested grades are built to meet critical demands with consistency and confidence.



HSN CODE: 7206

Minimum Order Quantity: 3 Metric Tonne

Payment Terms: 50% Advance on Proforma Invoice & balance before Dispatch

Delivery Time: Usually 1-2 Business Days for intra-state, Exact duration depends on specific location & material grade required

Main Domestic Market: Pan India

GRADES AVAILABLE

- EN 8
- EN 9
- EN 18
- EN 19
- EN 24
- EN 31
- EN 45
- EN 47
- EN 353
- EN 354
- EN 362
- SAE 4140
- SAE 8620
- HCHCR D2
- HCHCR D3
- H 11 Cr Mo - V
- H 13 Cr Mo - VV
- HT - 1
- IS 2830
- IS 1875 - 71 CLASS 5
- IS 1570 - 61 (65) C 10
- C 45
- C 55 Mn 75
- CL - IV
- 103 Cr 1
- 103 Cr 2
- 40 S 18
- 15 Ni 7 Cr 4 Mo2
- 15 Ni 2 Cr 1 Mo4
- 15 Ni Cr 1 Mo12
- 20 Ni 2 Cr 2 Mo2
- 20 Ni 55 Cr 50 Mo
- 40 Ni 6 Cr 4 Mo2
- 40 Ni 6 Cr 4 Mo3
- 40 Cr 1 Mo28
- HT - 2



CHEMICAL COMPOSITION

Grade	Ladle Analysis, Wt %							
	C	Mn	Si	S (max)	P (max)	Cr	Ni	Mo
EN 8	0.35-0.45	0.60-0.90	0.10-0.35	0.06	0.06	---	---	---
EN 9	0.45-0.60	0.50-0.80	0.10-0.35	0.06	0.06	---	---	---
EN 18	0.35-0.45	0.60-0.95	0.10-0.35	0.05	0.05	0.85-1.15	---	---
EN 19	0.35-0.45	0.50-0.80	0.10-0.35	0.05	0.05	0.90-1.50	---	0.20-0.40
EN 24	0.35-0.45	0.45-0.70	0.10-0.35	0.05	0.05	0.90-1.40	1.30-1.80	0.20-0.35
EN 31	0.95-1.20	0.30-0.75	0.10-0.35	0.025	0.025	1.00-1.60	---	---
EN 45	0.50-0.60	0.70-1.00	1.50-2.00	0.05	0.05	---	---	---
EN 47	0.45-0.55	0.50-0.80	0.50	0.05	0.05	0.80-1.20	---	---
EN 353	0.20	0.50-1.00	0.35	0.05	0.05	0.75-1.25	1.00-1.50	0.08-0.15
EN 354	0.20	0.50-1.00	0.35	0.05	0.05	0.75-1.25	1.50-2.00	0.10-0.20
EN 362	0.18-0.23	0.70-1.00	0.35	0.05	0.05	0.55-0.80	0.40-0.70	0.08-0.15

CHEMICAL COMPOSITION

Grade	Ladle Analysis, Wt %								
	C	Mn	Si	S (max)	P (max)	Cr	Ni	Mo	V
SAE 4140	0.38-0.43	0.70-1.00	0.20-0.35	0.04	0.04	0.80-1.10	---	0.15-0.25	---
SAE 8620	0.18-0.23	0.70-0.90	0.20-0.35	0.04	0.04	0.40-0.60	0.40-0.70	0.15-0.25	---
HCHCR D2	1.50-1.80	0.30-0.50	0.10-0.35	0.03	0.03	11.0-13.0	---	0.70-1.20	---
HCHCR D3	2.00-2.35	0.25-0.45	0.10-0.35	0.03	0.03	11.0-13.0	---	0.80 (opt)	---
H 11 Cr Mo - V	0.30-0.40	0.20-0.40	0.80-1.20	0.025	0.025	4.75-5.50	---	1.25-1.75	0.30-0.50
H 13 Cr Mo - VV	0.25-0.40	0.20-0.40	0.80-1.20	0.025	0.025	4.75-5.50	---	1.25-1.75	0.80-1.20
HT - 1	0.35-0.45	0.50-0.80	0.10-0.35	0.04	0.04	0.90-1.50	---	0.20-0.40	---
HT - 2	0.35-0.45	0.45-0.70	0.10-0.35	0.04	0.04	0.90-1.40	1.30-1.80	0.20-0.35	---
IS 2830 Grade 1	0.10-0.16	0.50-0.90	---	0.055	0.055	---	---	---	---
IS 2830 Grade 2	0.17-0.23	0.50-0.90	---	0.055	0.055	---	---	---	---
IS 2830 Grade 3	0.19-0.25	0.50-0.90	---	0.055	0.055	---	---	---	---

CHEMICAL COMPOSITION

Grade	Ladle Analysis, Wt %								
	C	Mn	Si	S (max)	P (max)	Cr	Ni	Mo	V
IS 1875 CL - IV	0.40- 0.50	0.60- 0.90	0.15- 0.35	0.05	0.05	---	---	---	---
IS 1875 CL - 5	0.50- 0.60	0.50- 0.80	0.15- 0.35	0.05	0.05	---	---	---	---
IS 1570 C10	0.35- 0.45	0.60- 0.90	0.30 (max)	0.03	0.03	---	---	---	---
IS 1570 C45	0.40- 0.50	0.60- 0.90	0.30 (max)	0.03	0.03	---	---	---	---
IS 1570 C55Mn75	0.50- 0.60	0.60- 0.90	0.30 (max)	0.03	0.03	---	---	---	---
IS 1570 103 Cr 1	0.95- 1.10	0.25- 0.45	0.15- 0.30	0.02 5	0.025	0.90- 1.20	---	---	---
IS 1570 103 Cr 2	0.95- 1.10	0.25- 0.45	0.15- 0.30	0.02 5	0.025	1.30- 1.60	---	---	---
IS 1570 40 S 18	0.35- 0.45	0.80- 1.20	0.25	0.14- 0.22	0.06	---	---	---	---
15Ni7CrM o2	0.12- 0.18	0.60- 1.00	0.10- 0.35	0.03 5	0.035	0.75- 1.25	1.50- 2.00	0.10- 0.20	---
15Ni2Cr1M o4	0.12- 0.18	0.60- 1.00	0.10- 0.35	0.03 5	0.035	0.75- 1.25	1.50- 2.00	0.10- 0.20	---

CHEMICAL COMPOSITION

Grade	Ladle Analysis, Wt %								
	C	Mn	Si	S (max)	P (max)	Cr	Ni	Mo	V
15NiCr1Mo 12	0.12- 0.18	0.60- 1.00	0.10- 0.35	0.035	0.035	0.75- 1.25	1.00- 1.50	0.08- 0.15	---
20Ni2Cr2 Mo2	0.18- 0.23	0.70- 0.90	0.15- 0.35	0.05	0.05	0.40- 0.60	0.40 -0.70	0.15- 0.25	---
20Ni55Cr 50Mo	---	---	---	---	---	---	---	---	---
40Ni6Cr4 Mo2	0.35- 0.45	0.40- 0.70	0.10- 0.35	0.035	0.035	0.90- 1.30	1.20- 1.60	0.10- 0.20	---
40Ni6Cr4 Mo3	0.35- 0.45	0.40- 0.70	0.10- 0.35	0.035	0.035	0.90- 1.30	1.25- 1.75	0.20- 0.35	---
40Cr1Mo2 8	0.35- 0.45	0.50- 0.80	0.10- 0.35	0.04	0.04	0.90- 1.50	---	0.20- 0.40	---



PRODUCT AVAILABILITY - SHAPES & SIZE RANGE

We offer the following product shapes and size ranges:

1. Flat Bars (Local Rolled)

Thickness: 5 mm to 50 mm

Width: 25 mm to 250 mm

Length: 3 m to 6 m

2. Round Bars (Local Rolled)

Diameter: 12 mm to 220 mm

Length: 3 m to 6 m

3. Forged Round Bars

Diameter: 150 mm to 700 mm

Length: 2 m to 6 m

4. Forged Flat Bars

Thickness: 50 mm to 150 mm

Length: 3 m to 6 m





MISSION

Providing high-quality steel products, personalized service, and competitive pricing. Building a strong future through reliability, innovation, and customer satisfaction.

VISION

Redefining Steel Trading. Shaping a future of growth and success through exceptional products and a customer-centric approach.



QUALITY ASSURANCE

Through meticulous inspections & adherence to industry standards we ensure that our customers receive high-quality and reliable steel products for their projects. Trust in our commitment to deliver exceptional quality at every step.

WHY US?

- Quality Assurance
- Extensive Product Range
- Personalised Assistance
- Prompt Delivery
- Customer Satisfaction
- Competitive Pricing

*We've got
you covered*



Get in Touch

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Suite- 4A, Kankurgachi,
Kolkata, West Bengal - 700054



Branch Office/Warehouse:

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033- 2651 0148

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info@utsavsteels.in



Your Steel Journey Begins Here

Thank you for exploring our collection. Each product is secured with passion and precision.

www.utsavsteels.in