

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 Ananlysis, 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**

