

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

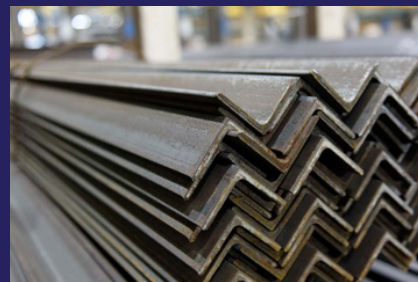
Category: Structural Steel

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 Ananlysis, 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**

