

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 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	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**

