



Mild Steel Round Bars (Dia 28â??50 MM) â?? Hot Rolled Black Plain Rounds | LC Steel Steel

Description Mild Steel Round Bars â?? Hot Rolled Black Bars in 28 MM to 50 Steels Steels Steels Alamid steel round bars in larger

diameters ranging from 28 mm to 50 mm. These hot rolled black bars are commonly used in structural frameworks, heavy fabrication, and re-rolling mills. Cost-effective and weldable, these plain rounds come in standard lengths and can be cut to order.

ð?? Size & Length Availability

Diameter (MM) Standard Lengths (ft) Exact Length (ft)	End Type
28	18 / 20 / 22	Up to 22	Sheared / Cold Saw
30	18 / 20 / 22	Up to 22	Sheared / Cold Saw
32	18 / 20 / 22	Up to 22	Sheared / Cold Saw
34	18 / 20 / 22	Up to 22	Sheared / Cold Saw
36	18 / 20 / 22	Up to 22	Sheared / Cold Saw
38	18 / 20 / 22	Up to 22	Sheared / Cold Saw
40	18 / 20 / 22	Up to 22	Sheared / Cold Saw
42	18 / 20 / 22	Up to 22	Sheared / Cold Saw
45	18 / 20 / 22	Up to 22	Sheared / Cold Saw
50	18 / 20 / 22	Up to 22	Sheared / Cold Saw

� Material Details



Parameter Details

Material Mild Steel â?? Untested LC (Low Carbon)

Grade Commercial Quality a?? Ungraded

Process Hot Rolled

Surface Black (as rolled)

Cutting Options Sheared (standard), Cold Saw Cut (on request)

ð??© Chemical Composition (Typical for LC MS)

Element Typical Range (%)

0.15 a?? 0.20 Carbon (C) Manganese (Mn) 0.40 â?? 0.70 Sulphur (S) 0.050 max

ð?•?︕ Applications

Phosphorus (P)

Industry

0.050 max

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Common Use

Heavy-duty supports, railings, machine frames

Flats angles, or hex sections

since formwork supports Fabrication

Re-Rolling

Construction

Industrial Furniture Benches, racks, frames

ð??? Key Features

- â??ï. Sizes from 28mm to 50mm readily available
- â??ï Flexible length options up to 22 feet
- â??ï Optional cold saw cut for cleaner finish
- â??ï. Low cost for non-critical fabrication
- â??ï Weldable and machinable LC steel

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â•? Frequently Asked Questions (FAQs)

Are these round bars certified or tested?

No, these are untested commercial quality LC mild steel bars meant for non-critical uses like fabrication and general-purpose work.

Can you supply custom lengths?



Yes. Exact lengths up to 22 ft can be provided upon request. Cold saw cutting is available for precise edges.

Can these be used in welding structures?

Yes. LC steel is weldable using standard electrodes and MIG/MAG welding techniques.

Is this material suitable for machining?

These bars are machinable but not ideal for close-tolerance machining without additional finishing. Use our bright bars for precision needs.

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ð??? Enquiries & Ordering

ð??*Eins.

ð??• Steelmet Industries

ð??• www.steelmet.in

ð??? Phone: 0712-2728074 | WhatsApp: +91-712-278071 | Steels

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