

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

Steelmet Industries - Bright Bars, Alloy Steels, Free Cutting Steels, Stainless Steels

**Description**

# Mild Steel Round Bars â?? Hot Rolled Black Bars in 28 MM to 50 MM Sizes

Steelmet Industries supplies **ungraded, untested low carbon (LC) mild 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 |

## ð?§ª Material Details

| Parameter | Details |
|---|---|
| Material | Mild Steel â?? Untested LC (Low Carbon) |
| Grade | Commercial Quality â?? 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 (%) |
|---|---|
| Carbon (C) | 0.15 â?? 0.20 |
| Manganese (Mn) | 0.40 â?? 0.70 |
| Sulphur (S) | 0.050 max |
| Phosphorus (P) | 0.050 max |

Steelmet Industries - Bright Bars, Alloy Steels, Free Cutting Steels, Stainless Steels

## ð?•?ï¸• Applications

| Industry | Common Use |
|---|---|
| Fabrication | Heavy-duty supports, railings, machine frames |
| Re-Rolling | Flats, angles, or hex sections |
| Construction | Columns, scaffolding pipes, formwork supports |
| 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

â??

## 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.

â??

## ð??? Enquiries & Ordering

ð??• **Steelmet Industries**

ð??• www.steelmet.in

ð??? Phone: 0712-2728071

**Date**
07/11/2026
**Auteur**
admin

Steelmet Industries - Bright Bars, Alloy Steels, Free Cutting Steels, Stainless Steels