



Mild Steel Square Bars (20 to 52 MM) Hot Rolled Black MS Squares | LC Commercial Steel

### Description

## Mild Steel Square Bars Hot Rolled Black Squares in 20 MM to 52 MM Sizes

Steelmet Industries supplies hot rolled square MS bars made from untested low carbon mild steel. Available in various sizes from 20 mm to 52 mm, these commercial-grade steel squares are widely used in general fabrication, forging, construction, and re-rolling.

### Size Availability

| Square Size (MM) | Standard Lengths (ft) | Exact Length Available | End Cutting Options |
|------------------|-----------------------|------------------------|---------------------|
| 20               | 18 / 20 / 22          | Up to 22               | Sheared / Cold Saw  |
| 25               | 18 / 20 / 22          | Up to 22               | Sheared / Cold Saw  |
| 27               | 18 / 20 / 22          | Up to 22               | Sheared / Cold Saw  |
| 32               | 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  |
| 52               | 18 / 20 / 22          | Up to 22               | Sheared / Cold Saw  |

### Material Specification

#### Property

#### Details

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|                |                                            |
|----------------|--------------------------------------------|
| Grade          | Commercial Quality, Untested LC Mild Steel |
| Carbon Content | 0.15 to 0.20%                              |
| Surface        | Hot Rolled to Black (with oxide scale)     |
| Weldability    | Excellent to Standard Welding Electrodes   |
| End Cutting    | Sheared or Cold Saw Cut (optional)         |

## Common Applications

| Industry     | Use Case                                        |
|--------------|-------------------------------------------------|
| Fabrication  | Frames, brackets, supports, base structures     |
| Forging      | Custom forged components and agricultural tools |
| Construction | Structural parts, spacers, rebar alternatives   |
| Engineering  | Machined or cut sections for prototypes         |

## Not Just a Square: 10 Clever Uses You Didn't Think Of

Sure, MS square bars are for structures and forgings but here's what our creative customers (and even our own fabrication team) have done with them:

- Used as a low-cost anvil base for blacksmithing training!
- Turned into rustic furniture legs for industrial-style benches
- Used by a gym owner to make custom weightlifting equipment
- Welded into bike stand frames at a college campus
- Modified into bullock cart axles in a rural workshop
- Converted into leaf spring clamps on farm trailers
- Fabricated into solar panel mounting supports
- Machined into gearbox spacers for rural pumps
- Welded into warehouse trolley bases (still rolling strong!)
- Used as alignment spacers in masonry column layout

**Pro Tip:** These are only possible because *low carbon mild steel* is forgiving, easy to weld, and low-cost making it a favourite of resourceful fabricators across the World.

**Got your own quirky use? Send us photos and we'll feature it!**

## Why Choose Steelmet MS Squares?

- Wide range of sizes from 20 MM to 52 MM
- Fast dispatch with stock-ready options
- Optional cold saw cutting for precision ends
- Excellent for welding and general use
- Reliable material from a trusted supplier

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## • Frequently Asked Questions (FAQs)

### Are these square bars tested?

No. These are untested, commercial quality mild steel squares, suitable for general and non-load-critical work.

### Can I request exact 22 ft bars?

Yes. Steelmet can supply exact-length bars up to 22 ft with sheared or cold saw cut ends.

### Is cold saw cutting necessary?

Not necessary but recommended where clean, burr-free, square ends are required (e.g. for machining or fitting).

### What's the surface condition?

As-rolled black finish with scale. Not suitable for decorative or plated applications without further processing.

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## • For Orders & Enquiries

• Steelmet Industries

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