

- Turned parts
- Bushes and spacers
- Screws, studs, and bolts
- Lightly stressed mechanical parts
- Automated machining (especially EN2C & EN2D)

Key Differences & Selection Guide

- **EN2:** The base mild steel variant, usable for general machining and simple turning operations.
- **EN2A:** Slightly enhanced machinability without much compromise on mechanical properties.
- **EN2B:** Balances good machinability with strength; good choice for threaded components.
- **EN2C:** Optimized for fast production lines and CNC automation.
- **EN2D:** Maximum sulphur for the best machinability, but not recommended for parts that require welding.

If your process relies heavily on speed and dimensional precision, Steelmet Industries can provide **bright bars or special-shaped steel bars** in EN2-series steels, tailored to your machine feed sizes and tolerances.

Heat Treatment & Weldability

These steels are not generally heat treated for strength. Due to high sulphur content, **EN2C and EN2D are not suitable for welding** and must be used in mechanically fastened assemblies.

Machinability Index (Approx.):

Grade Machinability (%)

- EN2 50%
- EN2A 60%
- EN2B 70%
- EN2C 85%
- EN2D 95%

Why Source EN2 Series Steels from Steelmet Industries?

We understand the precise demands of automated manufacturing. Whether you need **custom-cut bright bars, hexagonal or round corner squares**, or **tailored steel with precise sulphur content**, our team ensures reliable and traceable supply — right from **VD-route verification to lab-tested certification**.

If you're looking to streamline your component production, [talk to our technical team](#) or reach us on WhatsApp at **+91 712 2728071** to explore grades that work best with your processes.

FAQs

Q: Can EN2D be welded?

A: Due to its high sulphur content, EN2D is not suitable for welding. Mechanical fastening or threading is recommended.

Q: What's the difference between EN2 and EN2A?

A: EN2A has higher sulphur than EN2, giving it better machinability but slightly reducing ductility.

Q: Are these steels available as bright bars?

A: Yes, Steelmet Industries supplies these grades in bright bar and custom profile forms with tight tolerances.

अनुसंधान के लिए सवाल

1. Posts

अनुसंधान के लिए सवाल

1. 080A15 equivalent
2. BS970 1955 steel grades
3. EN2 grade uses
4. EN2 mechanical properties
5. EN2 steel
6. EN2A vs EN2B
7. EN2C steel
8. EN2D composition
9. mild steel comparison
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11. steel for general engineering

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Date

11/04/2026

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admin

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