



SAE1006 Wire Rod Coils – Dia 5.5mm to 12mm – Excellent Cold Forming Steel

Description

SAE1006 is a **low-carbon steel grade** known for its excellent **cold formability, weldability, and surface finish**. It is especially suitable for **cold drawing, forming, and welding applications** where superior ductility and low strength are desired.

At **Steelmet Industries**, we supply **SAE1006 wire rod coils** in the size range of **5.5mm to 12mm diameter**, with close control over **chemistry, surface quality, and coil parameters**. These are ideal for downstream processes like wire drawing, annealing, galvanizing, and fastener manufacturing.

Key Characteristics of SAE1006 Wire Rod Coils

- **Standard:** SAE J403
- **Grade:** SAE1006
- **Form:** Wire Rod Coil
- **Size Range:** 5.5mm to 12mm
- **Coil Weight:** 1.8 to 2.2 MT (typical)
- **Surface Condition:** As Rolled / Pickled / Descaled

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- **Carbon Content:** ~0.03-0.08%
 - **Tensile Strength:** Low, suited for cold deformation
 - **Cold Workability:** Excellent
 - **Weldability:** Excellent
 - **Machinability:** Fair, best when annealed
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Applications of SAE1006 Wire Rods

SAE1006 wire rods are widely used in:

- Cold drawn wires for general applications
 - Galvanized wire, binding wire, and fencing wire
 - Nails, screws, rivets, and hardware items
 - Wire ropes, chains, and mesh
 - Wire for furniture and storage racks
 - Welding wire and rod manufacturing
 - Low-carbon seamless tubing (after further processing)
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Alternatives and Related Wire Rod Grades

Steelmet Industries also supplies:

- **SAE1008 / SAE1010 Wire Rods** for higher strength
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- **C10 / S10C / C15 Wire Rods** for slightly higher carbon content
- **Cold drawn and annealed wires** in coils or cut lengths
- **Custom coil weight packaging** available upon request

See full range of [What We Do](#).

Global Equivalents of SAE1006

| Standard | Equivalent Grade |
|------------|------------------------|
| SAE | 1006 |
| AISI | 1006 |
| EN | C5, C6, C6D (EN 10277) |
| DIN | C6D1, 1.0330 |
| ISO | C06 |
| JIS | SWRM6, SWRM8 |
| IS | 1006 / Fe410WA |
| GOST | 08D?D? / 10D?D? |
| GB (China) | Q195 |
| BS | 040A04 |

Disclaimer: Always verify exact equivalence using mechanical and chemical requirements.

More:

- [SAE Specs](#)
- [DIN Specs](#)
- [JIS Specs](#)

Why Choose Steelmet Industries?

- **Precise size range from 5.5mm to 12mm**
- **Full traceability with test certificates, if required**
- **Custom coil weights and special packaging**
- **Timely dispatches for scheduled deliveries**
- **Serving customers in India and worldwide**
- **Capability to meet bulk and regular orders with consistency**
- **Third-party inspections, lab reports, endorsed MTCs available on request**

Read our [Quality Policy](#) to know how we maintain consistency.

Frequently Asked Questions **SAE1006 Wire Rod Coils**

Q1: What is SAE1006 wire rod used for?

A: It's used in cold drawing, forming operations, and production of galvanized wires, nails, fencing wires, and welding rods.

Q2: Is SAE1006 suitable for welding consumables?

A: Yes, it's ideal for MIG wire and core wire used in welding electrodes due to its low carbon content and cleanliness.

Q3: Can I get these in specific coil weights?

A: Yes. Steelmet can supply coils as per customer's handling limitations or packing preferences.

Q4: Do you supply test certificates?

A: Yes, we provide MTCs and third-party endorsed documents upon request and agreement.

Q5: Are 1006 and 1008 interchangeable?

A: No. SAE1008 has higher carbon content and is used when slightly higher strength is required. SAE1006 is softer and better for deep drawing.

Call to Action – Enquire Now for SAE1006 Wire Rod Coils

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WhatsApp: +917122728071

Website: www.steelmet.in

Enquiry Form: <https://www.steelmet.in/cms/en/contact-us/enquiry.html>

Categorías

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01/05/2026

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