

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

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

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:** ~0.03â??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)**

Alternatives and Related Wire Rod Grades

Steelmet Industries also supplies:

- **SAE1008 / SAE1010 Wire Rods** â?? for higher strength

- **C10 / S10C / C15 Wire Rods** â?? 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

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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	08Đ?Đ? / 10Đ?Đ?
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?

- ð??¯ **Precise size range from 5.5mm to 12mm**
- ð?§¾ **Full traceability with test certificates, if required**
- ð??¦ **Custom coil weights and special packaging**
- â•±ï¸• **Timely dispatches for scheduled deliveries**
- ð??• **Serving customers in India and worldwide**
- ð?? ï¸• **Capability to meet bulk and regular orders with consistency**
- ð??? **Third-party inspections, lab reports, endorsed MTCs available on request**

Read our Quality Policy to know how we maintain consistency.

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Frequently Asked Questions â?? SAE1006 Wire Rod Coils

Q1: What is SAE1006 wire rod used for?

A: Itâ??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, itâ??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 customerâ??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 â?? Enquire Now for SAE1006 Wire Rod Coils

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ð??© **Enquiry Form:** https://www.steelmet.in/wp/contact-us/

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