

SAE1010 Wire Rod Coils â?? Dia 5.5mm to 14mm â?? Low Carbon, High Utility

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

Description

SAE1010 is a **low carbon steel grade** widely used across industries for its excellent **cold forming, welding, and drawing capabilities**. In **wire rod coil form**, SAE1010 is highly sought after for manufacturing **wire products, fasteners, automotive parts, and welding consumables**.

At **Steelmet Industries**, we supply **SAE1010 wire rod coils** in the size range of **Dia 5.5mm to 14mm**, with tight dimensional control, consistent chemistry, and documentation support as required by our customers.

Key Features of SAE1010 Wire Rods

- **Standard:** SAE J403
- **Grade:** 1010
- **Form:** Wire Rod Coils
- **Size Range:** 5.5mm to 14mm diameter
- **Surface:** As rolled or pickled
- **Coil Weight:** Typically 1.8 to 2.2 MT
- **Tensile Strength:** Low to medium â?? suitable for cold working

- **Carbon Content:** ~0.08â??0.13%
- **Machinability:** Good in annealed condition
- **Weldability:** Excellent
- **Cold Formability:** Very high â?? suitable for drawing, bending, forming

Typical Applications

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SAE1010 wire rod coils are ideal for use in:

- **Cold Drawn Wire Products**
- **Welding Electrodes and MIG Wires**
- **Fasteners (nuts, bolts, nails)**
- **Automotive Stampings**
- **Wire Meshes, Chains, Wire Baskets**
- **Furniture Frames and Wire Forms**
- **Bicycle and Hardware Components**

Related Sections and Alternatives Available

Steelmet Industries also offers:

- **SAE1008, SAE1006 Wire Rods** for softer applications
- **Drawn Wire (Black / Annealed / Galvanized)**

- **Cut to Length Rods and Straightened Bars**
- **Wire Rods for Welding Electrodes and Core Wires**
- **Special packaging and custom coil sizes**
- **Third-party inspection and full documentation**

Visit our What We Do page to explore our custom supply capabilities.

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Equivalent Grades of SAE1010

Standard	Equivalent Grade
SAE	1010
AISI	1010
EN	C10E, C10R
DIN	C10 (1.0301)
ISO	C10
JIS	S10C
IS	C10 / 10C4
GOST	08Ð?Ð¿
GB (China)	10
BS	040A10

Note: These equivalencies are based on chemical composition. Users must confirm mechanical property suitability per their use case.

More specs:

- SAE Specs
- DIN Specs
- JIS Specs

Why Source SAE1010 Wire Rods from Steelmet?

- â? **Dia 5.5mm to 14mm available**
- ð?? ï¸• **Custom coil weights & packaging**
- ð?§¾ **MTCs, lab reports, third-party inspections**
- ð?§µ **Suitable for further wire drawing and forming**
- ð??? **Timely dispatch with traceable delivery documents**
- ð??• **Catering to buyers across India and global markets**

See our Quality Policy for details on certifications and testing protocols.

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Frequently Asked Questions â?? SAE1010 Wire Rod Coils

Q1: What is the main advantage of SAE1010 wire rods?

A: SAE1010 offers excellent cold formability, making it ideal for drawing, bending, and forming into finished components.

Q2: Are these wire rods suitable for welding electrodes?

A: Yes. SAE1010 is widely used in the production of MIG wires and welding rods due to its chemistry and weldability.

Q3: What surface finishes are available?

A: Wire rod coils can be supplied as-rolled or pickled, depending on customer requirement.

Q4: Do you provide test certificates?

A: Yes. MTCs, chemical analysis reports, and inspection documentation can be provided with each lot on request.

Q5: Can you supply coils in specific weights?

A: Yes, we offer flexibility in coil weight and packaging based on customerâ??s handling and process needs.

Enquire Now â?? SAE1010 Wire Rod Coils in 5.5mm to 14mm

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2. Posts

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