

SAE 1018 Cold Drawn Hexagons â?? Precision & Strength in Every Bar

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

Description

SAE 1018 cold drawn hexagonal bars are a popular choice across industries for their excellent machinability, dimensional accuracy, and balanced mechanical properties. These bars are made from **low carbon steel (C18)** and cold drawn to a bright finish and tight tolerances.

At **Steelmet Industries**, we manufacture and supply **SAE 1018 cold drawn hexagons** in a variety of sizes, including **non-standard dimensions**. Our bars are preferred for critical applications where close tolerances, improved surface finish, and higher mechanical properties are essential.

Key Properties of SAE 1018 Cold Drawn Hexagons

- **Carbon Content:** Approx. 0.18%
- **Excellent Machinability**
- **Good Weldability**
- **High Dimensional Accuracy**
- **Better Surface Finish Compared to Hot Rolled**
- **Suitable for Case Hardening**

Common Applications

SAE 1018 hex bars are widely used in:

- Automotive components
- Fasteners, bolts, studs
- Shafts and spindles
- Precision machined components
- General engineering parts
- Textile and agricultural machinery

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Available Forms at Steelmet Industries

Along with **hexagonal bars**, SAE 1018 is also available in:

- **Rounds**
- **Squares**
- **Flats**
- **Custom-made special profiles** (e.g., half-rounds, irregular hexagons, D-shapes)

Also available in **peeled, ground, and centerless ground** conditions on request.

To learn more about our product range, visit our What We Do page.

Global Equivalents of SAE 1018

Standard	Grade

AISI/SAE	1018
EN	C15E, C16E
DIN	1.0401 (C15), 1.1141 (C15E)
BS 970	080M15
IS	IS 1875 C15
JIS	S15C
GOST	15
ISO	C16
AFNOR	XC18
UNI	C15E
GB (China)	15

Disclaimer: Equivalent grades are based on similar chemical compositions and intended mechanical properties. End-use suitability must be confirmed based on detailed specs.

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Explore detailed standards here:

- SAE Specification
- DIN Specification
- BS970 1991/1983

Why Choose Steelmet Industries?

Steelmet Industries ensures:

- **Widest size range** including **non-standard dimensions**
- **Custom cutting** and **length customization**
- **Fast & scheduled deliveries**, both for domestic and overseas customers
- **Complete traceability** upon prior agreement:
    - Original mill test certificates (MTCs)

- Lab reports, internal inspection reports
- Third-party inspection
- Transport documentation including lorry receipts

Read our Quality Policy for more on our commitment to excellence.

Contact Us for Your Requirements

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Need SAE 1018 Cold Drawn Hexagons? Contact Steelmet Industries â?? your trusted partner in precision steel.

- ð??• Website: www.steelmet.in
- ð??? India: 0712-2728071
- ð??? International: +91-712-2728071
- ð??© Enquiry Form: Click here

We cater to customers **across India and globally**, delivering high-quality steel with consistent service.

Category

1. SAE:1018

Tags

1. Bright Steel Bars
2. Cold Drawn Hex Bar Supplier
3. Cold Drawn Hexagons
4. Custom Steel Bars
5. low carbon steel
6. SAE 1018 Equivalents
7. SAE 1018
8. Steel Bars Manufacturer
9. Steel for Fasteners
10. Steel for Machining
11. Steel for Shafts

12. Steel Hex Bars
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admin

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