

**sij** | suz



SIJ SUZ

Production  
programme:

Why you should  
choose SIJ SUZ  
as your partner:



SIJ SUZ is a premium manufacturer and supplier of cold drawn bars, offering premium quality steel solutions to meet the diverse needs of industries worldwide.

With a rich heritage of craftsmanship and cutting-edge technology, we deliver exceptional products that exceed industry standards.

Our cold-drawn bars are meticulously designed and engineered to provide superior strength, precision, and durability, making them the preferred choice for a wide range of applications.

**Cold-drawn bars made from:**

- Stainless steel
- Free cutting steel
- Carbon steel
- Structural steel
- Tool steel
- Case hardening steel
- Steel for quenching and tempering
- Steel for cold heading

**At SIJ SUZ we set ourselves apart by:**

- Extensive industry experience and expertise
- Commitment to superior product quality
- State-of-the-art manufacturing facilities
- Comprehensive range of sizes and profiles
- Customization capabilities
- Global supply chain network
- Dedicated customer support





## Dimensional Range

### Bars

- Round bars: 10 - 30 mm
- Square bars: 10 - 22 mm
- Hexagonal bars: 10 - 26 mm

### Special profiles

At SIJ SUZ, the latest manufacturing technology allows us to produce customized special profiles to suit our customers' individual needs.

Contact [info@suz.si](mailto:info@suz.si) for a personalized quote and we will be glad to assist you.

## Delivery conditions

- cold drawn: h8 - h11
- peeled: h9 - h11

## Types of steel in our production

- free-cutting steel
- case hardening steel
- steel for cold heading and cold extrusion
- steel for cold heading and case hardening
- steel for quenching and tempering
- structural steel
- stainless steel



# Extract from our production programme

## FREE-CUTTING STEEL

EN	W.No
10S20	1.0721
11SMn30	1.0715
11SMn37	1.0736
11SMnPb30	1.0718
11SMnPb37	1.0737
11SMnPbBiTe30	1.0720
11SMnPbTe30	1.0719
15SMn13	1.0725
35S20	1.0726
35SPb20	1.0756
45S20	1.0727
46S20	1.0727

## FREE-CUTTING STEEL

EN	W.No
X2CrNi19-11	1.4306
X2CrNiMo17-12-2	1.4404
X2CrNi18-10	1.4311
X5CrNi18-10	1.4301
X5CrNiMo17-12-2	1.4401
X6Cr13	1.4000
X6Cr17	1.4016
X6CrMoS17	1.4105
X8CrNiS18-9	1.4305
X10CrNi18-8	1.4310
X12Cr13	1.4006
X12CrS13	1.4005
X20Cr13	1.4021
X30Cr13	1.4028
X39Cr13	1.4031
X46Cr13	1.4034

## CARBON STEEL

EN	W.No
C10	1.0301
C10E	1.1121
C10R	1.1207
C15	1.0401
C15E	1.1141
C15R	1.1140
C22	1.0402
C22E	1.1151
C22R	1.1149
C35	1.0501
C35Pb	1.0502
C35E	1.1181
C35R	1.1180
C40	1.0511
C40E	1.1186
C40R	1.1189
C45	1.0503
C45Pb	1.0504
C45E	1.1191
C45R	1.1201
C50E	1.1206
C50R	1.1241
C55E	1.1203
C55R	1.1209
S235JR	1.0038
S275JR	1.0044
S355JR	1.0045

## CARBON STEEL

EN	W.No
15CrNi6	1.5919
16MnCr5	1.7131
16MnCrB5	1.7160
16MnCrPb5	1.7142
16MnCrS5	1.7139
16MnCrSPb5	1.7142
17Cr3	1.7016
18MnB4	1.5521
20MnCr5	1.7147
20MnCrS5	1.7149
21MnCr5	1.2162
22MnB4	1.5522
25CrMo4	1.7218
25CrMoS4	1.7213
34Cr4	1.7033
34CrMo4	1.7220
34CrMoS4	1.7226
4104	1.7035
41CrS4	1.7039
42CrMo4	1.7225
42CrMoPb4	1.7222
42CrMoS4	1.7227
46Cr2	1.7006
51CrV4	1.8159



## Superior Material Quality

Our cold drawn bars are manufactured using high-quality steel, sourced from reputable suppliers. The raw materials undergo strict quality control measures to ensure excellent chemical composition and mechanical properties, resulting in consistent and reliable performance.

## Precision Machining

Our advanced cold drawing process guarantees precise dimensional control and excellent surface finish. The bars are meticulously shaped and formed to meet tight tolerances, enabling seamless integration into various applications without compromising on performance or reliability.

## Enhanced Mechanical Properties

Through our specialized cold drawing technique, we enhance the mechanical properties of the steel bars. This process refines the microstructure, resulting in improved strength, hardness, and toughness, making our bars ideal for demanding applications that require exceptional performance under challenging conditions.

## Wide Range of Sizes and Shapes

SIJ SUZ offers an extensive range of cold drawn bars in various sizes, shapes, and profiles. Whether you require round bars, hexagonal bars, square bars, or custom profiles, we have the flexibility and expertise to cater to your specific needs.

## Versatile Applications

Our cold drawn bars find applications in numerous industries, including automotive, aerospace, construction, oil and gas, machinery, and many others. They are widely used for shafts, fasteners, gears, couplings, bushings, and other critical components where strength, precision, and reliability are paramount.

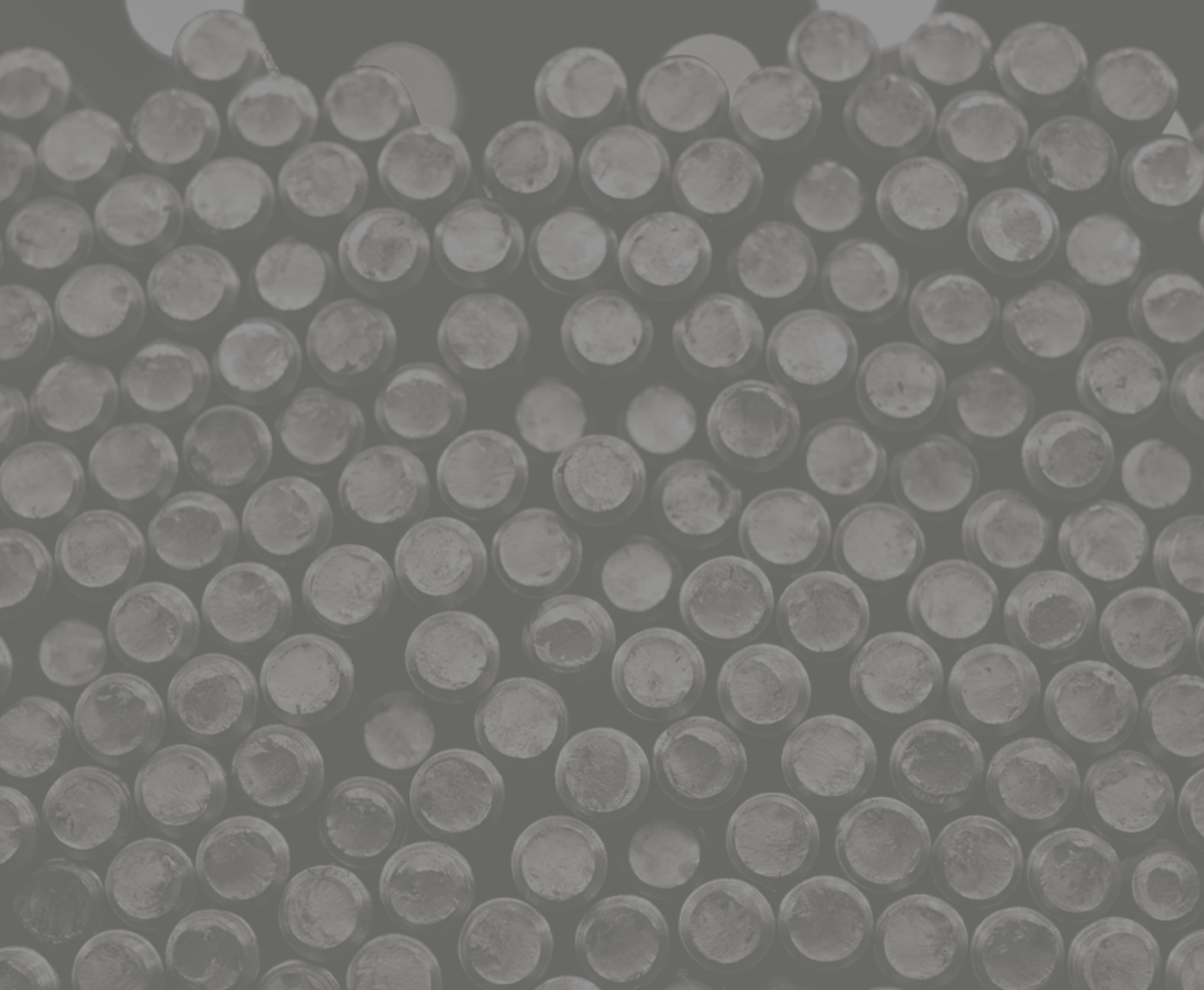
## Consistent Quality Assurance

At SIJ SUZ, quality is our top priority. We adhere to stringent quality management systems and conduct rigorous testing at every stage of production. Our dedicated quality control team ensures that each batch of cold drawn bars meets or exceeds industry standards, providing you with a reliable and consistent product every time.

## Customization and Technical Support

We understand that every project has unique requirements. Our experienced engineering team works closely with customers to develop tailor-made solutions that precisely match their specifications. We offer comprehensive technical support, including material selection, design optimization, and application advice, to ensure the success of your project.





SIJ SUZ d.o.o.  
Cesta Borisa Kidriča 44  
4270 Jesenice  
Slovenija

T: +386 4 584 17 02  
F: +386 4 586 18 13  
E: [info@suz.si](mailto:info@suz.si)  
[sij.suz.si](http://sij.suz.si)