

● Wire rod



We are one of the reliable Exporters and Suppliers of **Steel Wire Rods** in Pohang, Korea. Our Wire Rods are known for their dimensional accuracy and the finest quality. The Wire Rods that we offer are available in different sizes and shapes so as to meet the varied requirements of buyers. Our Steel Rods have wide industrial applications and available in small as well as bulk quantities at the most affordable prices in the market.

1. Wire rod Introduce

Wire rod is one of hot rolled steels classified by shape. In general, wire rod is ring-shaped coiled steel with diameters ranging from 5.5mm to 42mm. Wire rods over 14 mm in diameter are especially called 'Bar in Coil'. POSCO produces wire rods in a variety of sizes and qualities with the help of the state-of-the-art facilities and automated computer systems. Our wire rods are of excellent quality and are currently used in many industrial areas, from basic industrial materials to advanced manufacturing facilities.

2. Specifications



Wire Rod for Bearing Steel

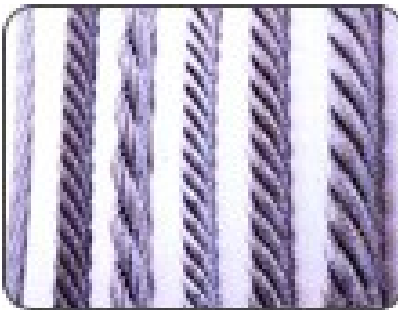
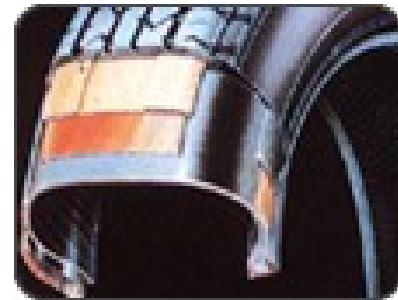
To withstand repeated loads and high-speed rotations during operation, bearing steel requires a high degree of durability. This type of steel is used in a variety of industrial machine parts, including ball bearings and ring bearings.

- JIS : SUJ 1-5
- SAE: SAE52100

Carbon Steel Wire Rod for Cold Heading and Cold Forging

Wire rod for cold heading quality is cold headed, forged or extruded to make bolts, nuts or screws used widely in automobile parts and industrial machines. This steel requires strict quality control because the steel is placed under severe working conditions and used for special purposes. Therefore it should be handled with utmost care to prevent surface flaws.

- POSCO: CH6ASP
- JIS: SWRCH 6A-22A, 10K-50K
- SAE: SAE 1006-1050
- DIN: DIN 1654



- **Wire Rod for Tire Cord**

Manufactured through drawing (0.4–0.15mm) and cording of high carbon steel wire rods, steel cord is used to reinforce the durability of automobile tires. This wire rod type requires particularly clean and high–strength steel.

- POSCO: POSCORD 70, 70S, 80
- ASTM : AISI1069, 1080

- **Wire Rod for High Strength Steel**

This PC bar type steel is used in reinforcing the concrete in telegraph poles and piles. Structural carbon steel containing traces of boron, or a large amount of silicon, undergoes high–frequency heat treatment to produce this type of wire rods. Compared with mild steel, this steel type has higher elastic limits and lower relaxation.

- POSCO: PSPC30B~35B, PSPC30Si–35Si
- SAE: SAE10B30–35

3. Available Sizes

mm	5.5	6.5	7.0	8.0	8.5	9.0	10.0	11.0
inch	0.216	0.256	0.276	0.315	0.354	0.394	0.433	0.472
mm	12.0	12.5	13.0	14.0	15.0	16.0	17.0	18.0
inch	0.472	0.491	0.512	0.551	0.590	0.630	0.669	0.709
mm	19.0	20.0	21.0	23.0	(24.0)	25.0	27.0	28.0
inch	0.748	0.787	0.827	0.906	(0.945)	0.984	1.063	(1.102)
mm	30.0	(31.0)	(32.0)	34.0	(36.0)	(38.0)	(40.0)	(42.0)
inch	1.181	(1.220)	(1.260)	1.339	(1.417)	(1.497)	(1.575)	(1.653)

Remark: Sizes in () require prior consultation.