

● Hot-Rolled Steel Coil



Get in touch with us for acquiring premium **HR Coils** in Pohang, Korea. The Coils that we offer are known for their dimensional accuracy and the best quality. We make use of premium steel to manufacture them assuring perfect finishing and durability. Corrosion resistant and fully automated are some of the main attributes of our HR Product. One can avail Coils from us at very nominal prices in the market.

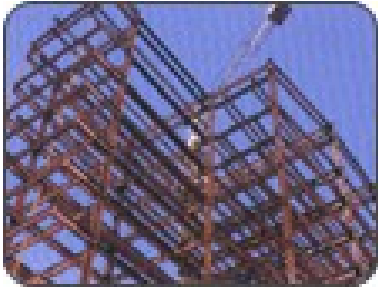
1. HR-Coil Introduce

Hot-rolled products include hot-rolled steel strips and hot-rolled sheets cut from the strips, all of which were manufactured by the hot strip mill. Posco's products are the result of the ultra-modern facilities and advanced technology. The entire manufacturing process is computer-controlled so as to make products that meet our customers' demands. Furthermore fully automated facilities improve precision and product quality.

2. Use Standard



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Atmospheric Corrosion Resistant Steel

With the addition of special elements such as P, Cu, and C, this steel type has enhanced corrosion and atmospheric corrosion resistant properties. It is used for the production of containers, special vehicles, and building structures.

- POSCO: PAWS50
- JIS: SPA-H



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Hot Rolled Steel for Automotive Parts

Outstanding in its drawability and weldability, this high-strength steel is used in automobile frames and wheels.

- POSCO: ATOS55,60, 80, Autobeam(Material for automobile impact beam)
- JIS: SAPH310,370,400,440,SPFH490,540,590
- SAE: SAE950B



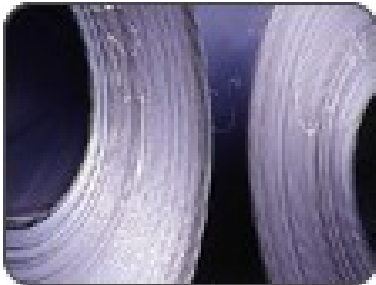
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- **Steel for Tubes**

Excellent in weldability and formability, this steel is quite versatile with its uses in structural pipes, general pipes, special pipes, and carbon steel pipes for machines.

- POSCO: PACOS1,2
- JIS: SPHT 1, 2, 3, 4, STB340, 410, STK290, 400, 490, 500, 540, STKM11A, 16A, 18A



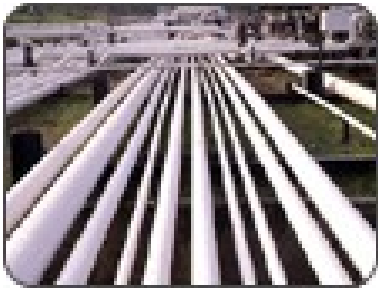
- **Steel for High-Pressure Gas Cylinders**

Superior in formability and pressure resistance capacity, this steel is used in high-pressure gas containers with the inner capacity to hold less than 500 liters of LPG, acetylene, and other high-pressure gases.

- JIS: SG255, 295, 325, 365
- ASTM: A455



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- **Steel for Pipelines**
This steel makes excellent pipeline material because of its strength, extremely low temperature toughness, hydrogen-induced crack resistance, and weldability.

- **API5L: A, B, X42, 46, 52, 56, 60, 65, 70, 80**



- **Hot Rolled Steel for Special Applications**
This steel type includes carbon steel for general machinery, alloy steel, and tool steel. After the heat treatment process, the steel is used in a variety of machine parts.

- **KS: SM10C~SM55C**
- **JIS: S10C~S55C, SK-5, SK-3, SUP9, SCM430, SCM435**
- **SAE: SAE1010~1055**
- **DIN: DIN50CrV4**

3. Product Standards

► Hot Rolled Steel Sheet and Coil for Drawing

The standard set forth for POSCO's hot-rolled coil for cold-rolled deep drawing.

Code	Thickness (mm)	Chemical Composition(wt%)						
		C	Si	Mn	P	S	Sol-Al	Others
POSHRD3	1.6 and over 5.99 and under	0.005 and under	0.02 and under	0.20and under	0.02and under	0.015and under	0.02~0.06	Ti:0.03~0.06 N:0.03 and under

Remark :1. Dimension, form, weight, external appearance and allowances comply with ASTM A568.

2. This standard guarantees chemical composition, not mechanical properties.