



## 4130 4140 Seamless Pipe For Hydraulic Exact Dimension Large Astm A333 Gr 6 Smls

### Our Product Introduction

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#### Basic Information



#### Product Specification

- Name: Seamless Hydraulic Tubing
- Material: E235, E255, E355
- OD: 6-88mm
- WT: 1-15mm
- Application: High Precision Purpose, Auto Parts, Oil Cylinder, Etc
- Certificate: TS16949, ISO 9001
- Technique: Hot Rolled, Cold Drawn, Cold Rolled
- Packing: In Bundles, In Wooden Boxes, In Wooden Pallets
- Highlight: **4130 seamless pipe, 4140 seamless pipe, seamless hydraulic pipe**



#### More Images



## Product Description

### Exact Dimension Large Diameter Seamless Hydraulic Tubing

1. Product Name: Seamless Cold Drawn Steel Tubes used for Hydraulic and Pneumatic Power Systems EN10305-4 E235 +N
2. Size Range: OD: 6-88mm, WT: 1-15mm, Length: 5.8m/6m, maximal 11.8m
3. Stable Quality with Competitive Price
4. +N(Normalized) Heat Treatment, Surface is clean and smooth, without oxide scale
5. Good Extending and Bending Ability.

### Specification

Product Name	Seamless Hydraulic Tube
Material	E235, E255, E355
Delivery Condition	+N (Normalized)
Standard	EN10305-4
Size Range	OD: 6-88mm, WT: 1-15mm
Application	High precision purpose, auto parts, oil cylinder, etc
Keyword	Seamless Cold Drawn Steel Tube
Certificate	TS16949, ISO 9001
HS code	7304319000
Delivery Time	45 days
Packing	Bundles or Woodern Boxes

Steel Grade		Chemical Composition				
Symbol	Material Number	C Max.	Si Max.	Mn Max.	P Max.	S Max.
E235	1.0308	0.17	0.35	1.20	0.025	0.025
E255	1.0408	0.21	0.35	0.40--1.10	0.025	0.025
E355	1.0580	0.22	0.55	1.60	0.025	0.025

Steel Grade		+C		+LC		+SR		
Name	No.	Rm Mpa	A %	Rm Mpa	A %	Rm Mpa	ReH Mpa	A %
E235	1.0308	480	6	420	10	420	350	16
E255	1.0408	580	5	520	8	520	375	12
E355	1.0580	640	4	580	7	580	450	10

Steel Grade		+A		+N		
Name	No.	Rm Mpa	A %	Rm Mpa	ReH Mpa	A %
E235	1.0308	315	25	340--480	235	25
E255	1.0408	390	21	440--570	255	21
E355	1.0580	450	22	490--630	355	22

### Features of hydraulic seamless pipes:

**Seamless Construction:** Hydraulic seamless pipes are manufactured using a seamless process, which means they are produced without any welded joints along their length. This seamless construction eliminates the risk of weak points or potential leakage, ensuring a reliable and durable hydraulic system.

**High Strength:** Hydraulic seamless pipes are designed to withstand high-pressure applications. They are made from materials such as carbon steel, stainless steel, or alloy steel, which offer excellent strength properties. This high strength enables the pipes to handle the demanding hydraulic forces and pressures without deformation or failure.

**Corrosion Resistance:** Hydraulic seamless pipes are often coated or made from corrosion-resistant materials to withstand the harsh operating environments commonly encountered in hydraulic systems. The coatings or materials protect the pipes from corrosion caused by hydraulic fluids, moisture, chemicals, and other corrosive elements.

**Precise Dimensions:** Hydraulic seamless pipes are manufactured to precise dimensional tolerances. They have consistent inner and outer diameters, ensuring proper fitment with hydraulic fittings, connectors, and components. The precise dimensions also contribute to efficient fluid flow and minimize pressure losses.

**Smooth Internal Surface:** Hydraulic seamless pipes undergo honing or other surface finishing processes to achieve a smooth internal surface. The smoothness reduces friction and turbulence within the pipe, facilitating efficient fluid flow and minimizing pressure drop. It also helps prevent the accumulation of debris or contaminants that could affect the performance of hydraulic components.

**Compatibility with Hydraulic Fluids:** Hydraulic seamless pipes are designed to be compatible with a wide range of hydraulic fluids, including mineral oil-based fluids, synthetic fluids, and water-based fluids. They exhibit excellent resistance to degradation, swelling, or deterioration when exposed to hydraulic fluids, ensuring long-term performance and reliability.

**Easy Installation and Maintenance:** Hydraulic seamless pipes are available in various lengths, diameters, and connection types, making installation and maintenance convenient. They can be easily connected to hydraulic fittings, valves, and components using threaded connections, flanges, or other standard connection methods.

**Temperature and Pressure Resistance:** Hydraulic seamless pipes are capable of withstanding a wide range of temperatures and pressures. They are designed to operate in both high-pressure and high-temperature environments commonly

encountered in hydraulic systems, ensuring reliable performance under varying conditions. These features make hydraulic seamless pipes an essential component in hydraulic systems, providing the necessary strength, durability, and fluid transmission capabilities required for efficient and reliable operation.

#### **Why Choose us?**

- (1) High quality steel tube with reasonable price.
- (2) Wide excellent experiences with after-sale service.
- (3) Every process will be checked by responsible QC which insures every product's quality.
- (4) Professional packing teams which keep every packing safely.
- (5) Trial order can be done in one week.
- (6) Samples can be provided as your requirements.



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