



Cold Drawn Seamless Steel Tube For Construction Machine Astm A335 P11 Alloy Steel Pipe

Our Product Introduction

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Basic Information



Product Specification

- Name: Hydraulic Seamless Pipe
- Length: Random (5-7m) Or Fixed Length As Per Order Of Confirmation
- OD: 40-400mm
- WT: 5-40mm
- Standard: DIN2391, EN10305, DIN17175, Etc
- Application: Hydraulic Cylinder, Swivel Crane, Injection Machine And Construction Machine
- Certificate: ISO, API, CE, PED, BV, SGS
- Technique: Cold Drawn Seamless
- Highlight: **hydraulic en 19 seamless pipe, en 19 seamless pipe hydraulic, seamless pipe hydraulic en 19**



Product Description

Cold Drawn Seamless Hydraulic Seamless Pipe For Construction Machine

1. **Material:** ST45, ST52, E355, E355SR, STKM13C, SAE1026, 20#, Q235B, CK45, CK20, 16Mn, 27SiMn etc
2. **Standard:** DIN2391, EN10305, DIN17175 etc
3. **OD:** 40-400mm
4. **WT:** 5-40mm
5. **Length:** Random (5-7m) or Fixed length as per order of confirmation
6. **Polishing:** To 0.4Ra Max
7. **Supply Condition:** BK(+C), BK+S (+SR)
8. **Technology:** Honed & SRB (SKIVED AND ROLLER BURNISHED)
9. **Tolerance:** Inner Diameter: ISO H8
Wall Thickness: Diameter >40, ± 0.2 mm; Diameter 40-100, ± 0.3 mm; Diameter >100, ± 0.5 mm
10. **Application:** For hydraulic cylinder, swivel crane, injection machine and construction machine application
11. **Technique:** Cold Drawn seamless
12. **Test and Inspection:** Tension Test, Flaring Test, Flange Test, Reverse Test, Hardness Test, Hydrostatic or Nondestructive Electric Test etc

| Chemical Composition | | | | | | |
|----------------------|-------------|-------------|------------|----------|----------|-----------|
| Steel Grade | C | Si | Mn | P \leq | S \leq | Cr \leq |
| ST45 | 0.17-0.24 | 0.17-0.37 | 0.35-0.65 | 0.035 | 0.035 | 0.025 |
| ST52(E355) | ≤ 0.22 | ≤ 0.55 | ≤ 1.6 | 0.025 | 0.025 | 0.025 |
| SAE1026 | 0.22-0.28 | 0.15-0.35 | 0.60-0.90 | 0.040 | 0.050 | - |
| 27SiMn | 0.24-0.32 | 1.10-1.40 | 1.10-1.40 | 0.035 | 0.035 | 0.030 |
| 20# | 0.17-0.24 | 0.17-0.37 | 0.35-0.65 | 0.035 | 0.035 | 0.025 |

Quality Control:

1. Incoming Raw Material Inspection
2. Raw Material Segregation to avoid steel grade mix-up
3. Heating and Hammering End for Cold Drawing
4. Cold Drawing and Cold Rolling, on line inspection
5. Heat Treatment, +A, +SRA, +LC, +N, Q+T
6. Straightening-Cutting to specified length-Finished Measuring Inspection

Applications of hydraulic seamless pipes include:

Hydraulic Systems: Hydraulic seamless pipes are extensively used in hydraulic systems, such as hydraulic cylinders, hydraulic pumps, and hydraulic motors. They provide a reliable and efficient means of transmitting hydraulic fluid under high pressure to generate mechanical force or control movements.

Construction Machinery: Hydraulic systems are integral to construction machinery, including excavators, bulldozers, cranes, and loaders. Hydraulic seamless pipes are used to carry hydraulic fluid to power the various hydraulic components and enable precise control of movements and heavy lifting.

Industrial Machinery: Hydraulic systems are found in a wide range of industrial machinery, such as machine tools, presses, injection molding machines, and material handling equipment. Hydraulic seamless pipes are used to transmit hydraulic fluid to actuate different components and perform various functions, such as clamping, bending, cutting, and lifting.

Agricultural Equipment: Hydraulic systems are crucial in agricultural machinery, such as tractors, combines, and harvesters. Hydraulic seamless pipes enable the operation of hydraulic implements, such as loaders, backhoes, and hydraulic lifts, used for tasks like lifting heavy loads, adjusting equipment height, and controlling attachments.

Automotive Industry: Hydraulic seamless pipes are employed in automotive applications, particularly in braking systems and power steering systems. They carry hydraulic fluid to actuate the brake calipers or wheel cylinders in hydraulic brakes and assist in steering control through hydraulic power steering systems.

Aerospace and Aviation: Hydraulic systems are vital in aircraft for functions like landing gear operation, wing flap actuation, and control surfaces movement. Hydraulic seamless pipes are used to transport hydraulic fluid to different hydraulic actuators and ensure reliable operation in demanding aerospace environments.

Marine Applications: Hydraulic systems are employed in marine vessels for various functions, including steering, propulsion, and cargo handling. Hydraulic seamless pipes are used to transfer hydraulic fluid to control mechanisms, rudders, winches, and other hydraulic components in marine applications.

Oil and Gas Industry: Hydraulic seamless pipes are utilized in oil and gas exploration, production, and refining processes. They are employed for hydraulic fracturing (fracking), well control systems, hydraulic power units, and other hydraulic equipment used in drilling operations and oilfield machinery.

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.

FAQ

Q1. Are you a manufacturer or trader?

We are a manufacturer, and we can have our own factory produced many steel products.

Q2. Whether your company supports Trade Assurance order?

Yes, we can (100% product quality protection; 100% on-time shipment protection; 100% payment protection)

Q3. Can we get the some samples? Any charges?

Yes, you can get available samples in our stock. If the samples from new production, we will charge some reasonable cost, but this amount will be deducted from your first order.

Q4. How do we build up business relations with your company?

Send us your requirement which includes size, coating info, parameters, quantity, destination .

Q5. What is the MOQ?

We can accept small orders. Please feel free to contact us, we can meet your requirements.

Q6. What's your advantage?

With high-quality products and efficient customer service, we adhere to the principle of customer first.

Q7. How long is your delivery time?

Delivered within 15 days after receipt of deposit.



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