



1" Steel Seamless Hydraulic Tubing For High-Pressure Applications Astm A312 Tp321h

Our Product Introduction

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Basic Information



Product Specification

- Name: Hydraulic Seamless Pipe
- Standard: GB/T3639-2000 DIN2391 EN10305 ASTM A519
- OD: 40mm-480mm
- I.D: 30mm-400mm
- Length: Fixed Length, Random Length Or As Requests Of Customers
- Application: Oil, Gas, Chemical, Boiler, Heat Exchanger
- Certificate: ISO, API, CE, PED, BV, SGS
- Technique: Hot Rolled, Cold Drawn, Cold Rolled
- Highlight: **seamless hydraulic tubing,
seamless hydraulic steel tubing,
1 hydraulic tubing**



Product Description

Hydraulic Seamless Steel Tube For High-Pressure Applications

Seamless Hydraulic Tubing, this seamless, carbon steel tubing is deal for flaring and bending. It features a smooth, clean inside surface to help prevent valve and cylinder damage. Use with standard fittings in hydraulic, diesel fuel injection, lubrication, refrigerator generator pump, heating coil, air conditioner, and other high-pressure applications.

Specification

Product name	Hydraulic seamless steel tube	
Standard	GB/T3639-2000 DIN2391 EN10305 ASTM A519	
Metarial	C20 CK45 Q355B Q355D E355/ST52 SAE1026 4130 4140 STKM 13C	
Heat treatment	BK+S	
Size	I.D:30mm-400mm	O.D:40mm-480mm
Length	Fixed length, Random length or as requests of customers	
Straightness	0.5-1/1000	
ID roughness	RA 0.1-0.8micron(max)	
Payment term	FOB, CFR, CIF,EXW, FCA and so on	
Application	Seamless tube for hydraulic cylinder, swivel crane,injection machine and construction machine application	
Conservation	anti rust oiled inside and outside surface, plastic caps in both ends	
Package	bundle with steel strip and knitting strip, or wooden case	

Applications of hydraulic seamless pipes include:

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.

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.

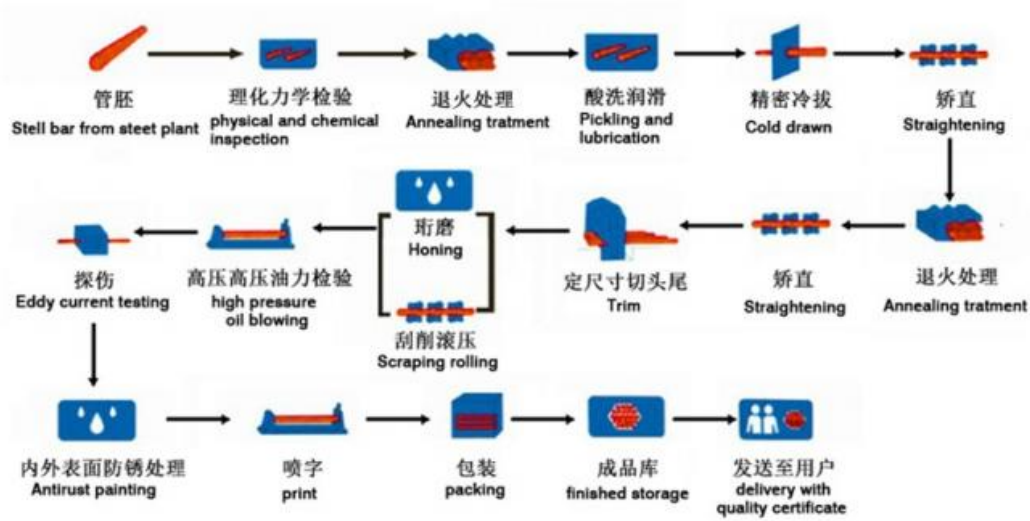
Marine Applications: Hydraulic systems are employed in marine vessels for various functions, including steering, propulsion, and cargo handling. Hydraulic seamless pipes are used to transfer hydraulic fluid to control mechanisms, rudders, winches, and other hydraulic components in marine applications.

Production Process of Seamless Hydraulic Tubing

Tubes designated for hydraulic are seamless cold drawn steel tubes that are used in pressure distributions and circuits, in hydraulically operated equipment. The speed and pressure of the medium are significantly changing and these devices have characteristic pressure surges on the inner surface of tubes.

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PRODUCTION PROCESS



Shandong Fengbao Metal Products Co., Ltd

13003369243

Lydia@fengbaosteels.com

seamless-steeltube.com