



ZHEHENG STEEL

Wenzhou Zheheng Steel Industry Co.,Ltd  
stainless-steelseamlesspipe.com

## Sch80S Stainless Steel Pipe Tube EN 1.4841 In Apparatus Engineering

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: zheheng steel
- Certification: iso9001
- Model Number: 88.9mm
- Minimum Order Quantity: Negotiable
- Price: Negotiable
- Packaging Details: In bundles with waterproof material, or wooden crate packing
- Delivery Time: 30 DAYS
- Payment Terms: L/C, T/T, D/A, D/P
- Supply Ability: 50TONS/30DAYS



### Product Specification

- Material: 1.4841
- Standard: ASTM, GB, JIS, DIN, EN, AISI
- Shape: Sch80s
- Technique: Cold-drawn
- APPLICATION: Apparatus Engineering
- Package: Woven Packing
- OD: 6-830mm
- Highlight: **Sch80S Stainless Steel Pipe,  
EN 1.4841 Stainless Steel Pipe,  
Apparatus Engineering Stainless Steel Tube**



## Product Description

### Sch80S Stainless Steel Pipe Tube EN 1.4841 Used in Apparatus engineering

#### Introduction to products:

1.4845 is a superalloy material, also known as 310S stainless steel. It has excellent high temperature resistance, corrosion resistance and high strength, and is widely used in high temperature industrial fields, such as stoves, heat exchangers, boilers, hot blast furnaces, chemical equipment and so on.

As can be seen from the chemical composition, the main components of 1.4845 are chromium and nickel, which makes it have excellent corrosion resistance and high temperature resistance. In addition, the material also contains a small amount of carbon, manganese, silicon and other elements, which can improve the strength and mechanical properties of the material.

#### APPLICATIONS :

Apparatus engineering  
Automotive industry  
Chemical industry  
Petroleum industry  
Mechanical engineering  
Furnace construction

#### Chemical Composition of 1.4845

	C	Si	Mn	Ni	P	S	Cr	N
Min				19			24	
Max	0.1	1.5	2	22	0.045	0.015	26	0.11

#### Description for our production range:

**Name** :Stainless Steel seamless Pipe

**Standard** :

EN 10095: 1999 Heat Resisting Steels and Nickel Alloys

EN 10296-2: 2005 Welded circular steel tubes for mechanical and general engineering purposes. Stainless steel. Technical delivery conditions

EN 10297-2: 2005 Seamless circular steel tubes for mechanical and general engineering purposes. Stainless steel. Technical delivery conditions

EN 10088-1: 2005 Stainless steels. List of stainless steels

**Material Grade** :

1.4841

**Diameter** :OD: 6-830mm

**W.T**: 0.6mm - 60mm

**Length** :Up to 13 meter or as customers' request

**Tolerance** :According to the Standard.

**Surface** :

Natural Color of annealing & pickling, 180G, 320G, 400G Satin / Hairline

400G, 500G, 600G or 800G Mirror finish

**Test** :

UT, ET, HT, RT,ect, and others according to the standard,  
or as the requests of the customer

#### our products packing:

**Tensile Requirements – Stainless Steel 310S/310H:**

Tensile Strength (KSI): 75

Yield Strength (KSI): 30

**Notes:**

10-6-K-1 = 10-6/K

1  $\Omega$ -mm<sup>2</sup>/m = 1  $\mu\Omega$ -m

1 g/cm<sup>3</sup> = 1 kg/dm<sup>3</sup> = 1000 kg/m<sup>3</sup>

1 GPa = 1 kN/mm<sup>2</sup>

1 MPa = 1 N/mm<sup>2</sup>

**other supplement:**

- 1.A999/A999M: Each pipe shall be subjected to the nondestructive electric test or the hydrostatic test, the pipe of test to be used shall be at the option of the mfg, unless otherwise specified in the PO.
2. The Pipe lengths : Unless otherwise agreed upon, all size from NPS 1/8" TO AND INCLUDING nps 8 are available in a length up to 24ft with the permitted range of 15 to 24 ft. Short length are acceptable and the number and min, length shall be agreed upon between mfg and purchaser.
3. The finished pipe shall be reasonably straight and shall have workmanlike finish, Removal of imperfections by grinding is permitted, provided the W.T are not decreased to the less than the permitted in Section 9 of Specification A999/A999M
4. Butt Weld End: According to ANSI B 16.25
5. Pipe Marking: Specified in A999/999M, include "Logo+Standard+SIZE+Heat No.+Lot No.+H.T/E.T/U.T"
6. Packing: Each Pipe end is protected by Plastic cap. Then packed by Anti-rust steel strip, The outside of the bundle is plastic woven bag, or Plastic film.
7. Packing Mark: SIZE + STEEL GRADE+ QTY OF PIECE/WEIGHT/METRE.
- 8.MTC: BWSS Official Original MTC paper will be supplied for each order.



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