



ZHEHENG STEEL

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



Cold Drawing Stainless Steel Heat Exchanger Tube Non - Destructive DIN / ASTM A213

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: zheheng
- Certification: ISO9001 PED
- Model Number: 25mm
- 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: Seamless Stainless Steel Heat Exchanger Tube
- Standard: DIN / ASME / ASTM A213
- Type: Seamless
- Technique: Cold Drawing
- Trade Terms: CIF or FOB
- Certificates: NK, LR, ABS
- Highlight: **stainless steel boiler tubes, bending stainless steel tubing**



Product Description

DIN / ASME / ASTM A213 Seamless Stainless Steel Heat Exchanger Non-destructive testing of steel tubes

we as a exporter .manufacturer for ASTM A213 A/SA213 sus310tb Stainless Steel seamless tube / boiler tube/ heat exchanger tube many years ,all tubes will be strictly according to ASTM ,EN standard produce ,inspection ,each piece will be execute Non-destructive testing, Micrographic determination of the apparent grain size, available methods of chemical analysis

Sampling:

1 For flattening, flaring, and grain size requirements, the term lot applies to all tubes, prior to cutting, of the same size (see 4.1.6) that are produced from the same heat of steel. When final heat treatment is in a batch-type furnace, a lot shall include only those tubes of the same size and from the same heat that are heat treated in the same furnace charge. When the final heat treatment is in a continuous furnace or when the heat-treated condition is obtained directly by quenching after hot forming, the number of tubes of the same size and from the same heat in a lot shall be determined from the size of the tubes as prescribed in Table 6.

2 For tensile and hardness test requirements, the term lot applies to all tubes prior to cutting, of the same size (see 4.1.6) that are produced from the same heat of steel. When final heat treatment is in a batch-type furnace, a lot shall include only those tubes of the same size and the same heat that are heat treated in the same furnace charge. When the final heat treatment is in a continuous furnace, or when the heat-treated condition is obtained directly by quenching after hot forming, a lot shall include all tubes of the same size and heat, heat treated in the same furnace at the same temperature, time at heat, and furnace speed; or all tubes of the same size and heat, hot formed and quenched in the same production run, except as prescribed in 9.1.3.

Chemical composition:

Grade	C	Si	Mn	P	S	Ni	Cr	Mo	N
201(1Cr17Mn6Ni5N)	≤0.15	≤1.0	≤5.5	≤0.06	≤0.03	3.5-5.5	16.0-18.0	—	≤0.25
202(1Cr18Mn8Ni5N)	≤0.15	≤0.07	≤7.5	≤0.06	≤0.03	4.0-6.0	17.0-19.0	—	≤0.25
3040Cr18Ni9)	≤0.08	≤0.07	≤2.0	≤0.04	≤0.03	8.0-11.0	18.0-20.0	—	—
3040Cr18Ni9)	≤0.08	≤0.07	≤2.0	≤0.04	≤0.03	8.0-11.0	18.0-20.0	—	—
304L(00Cr18Ni10)	≤0.03	≤0.07	≤2.0	≤0.04	≤0.03	8.0-11.0	18.0-20.0	—	—
316(0Cr17Ni12Mo2)	≤0.08	≤0.07	≤2.0	≤0.04	≤0.03	11.0-14.0	16.0-18.0	2.0-3.0	—
316L(0Cr17Ni14Mo2)	≤0.03	≤0.07	≤2.0	≤0.04	≤0.03	11.0-14.0	16.0-18.0	2.0-3.0	—
321	≤0.08	≤1.0	≤2.0	≤0.04	≤0.03	9.0-12.0	17.0-19.0	—	Ti≥5xC
409	≤0.08	≤1.0	≤1.0	≤0.04	≤0.03	≤0.5	10.5-11.7	—	Ti6xC%≤0.70
409L	≤0.03	≤1.0	≤1.0	≤0.04	≤0.03	0.5	10.5-11.7	—	Ti8xC%≤0.70
430	≤0.12	≤1.0	≤1.0	≤0.04	≤0.03	—	16.0-18.0	—	—

Production range:

Austenitic Steel:	TP304, TP304L, TP304H, TP304N, TP310S, TP316, TP316L, TP316Ti, TP316H, TP317, TP317L, TP321, TP321H, TP347, TP347H, 904L...
Duplex Steel :	S32101, S32205, S31803, S32304, S32750, S32760 Others: TP405, TP409, TP410, TP430, TP439 ...
Russia Standard	08X17T, 08X13, 12X13, 12X17, 15X25T, 04X18H10, 08X20H14C2, 08X18H12B, 10X17H13M2T, 10X23H18, 08X18H10, 08X18H10T, 08X18H12T, 08X17H15M3T, 12X18H10T, 12X18H12T, 12X18H9, 17X18H9, 08X22H6T,
European Standard	1.4301, 1.4307, 1.4948, 1.4541, 1.4878, 1.4550, 1.4401, 1.4404, 1.4571, 1.4438, 1.4841, 1.4845, 1.4539, 1.4162, 1.4462, 1.4362, 1.4410, 1.4501

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
- 7~ Mechanical Testing in own labs with Tensile Strength, Yield Strength, Elongation, Hardness, Impact, Microstructure etc
- 8~ Packing and Stocking

ZHEHENG STEEL has passed approved by ABS, DNV, GL, BV, PED 97/23/EC, AD2000-WO, GOST9941-81, CCS, TS, CEN, ISO9001-2008, ISO 14001-2004 With good quality and competitive price, we have a good reputation in domestic and international markets. We hope to build a good and long relationship with customers from home and abroad.



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