EN 1.4404 Stainless Steel Capillary Tube Precision Polished Micro Heat Exchanger

Our Product Introduction

Basic Information

- Place of Origin: Wenzhou,China
- Brand Name: ZHE HENG
- Certification: BV, PED, ISO9001
- Model Number: EN 1.4404 ASME S31603
- Minimum Order Quantity: 500 kg
- Price: $1000-4200/Ton
- Packaging Details: As to clients' requirements Wooden Cases Bundle Packin
- Delivery Time: 30-45 work days
- Payment Terms: L/C, T/T, D/P, D/A
- Supply Ability: 1000+

Product Specification

- Term Name: Stainless Steel Coil Tube
- Material Grade: EN 1.4404 ASME S31603
- Shape: Rounde Pipe,
- Technique: Cold Rolled Hot Rolled
- Length: 6000mm Or 12000mm
- Size: As Per Requirement
- Welding Line Type: Seamless Welded
- Highlight: **Stainless Steel Capillary Tube**, **EN 1.4404 Stainless Steel Tube**, **Polished Stainless Steel Capillary Coil Tube**

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Product Description

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Overview:

EN 1.4404 ASME S31603 stainless steel mechanical properties: Density of 316L stainless steel 7.93g /cm3 Typical use pulp and paper equipment Heat exchangers, dyeing equipment, film washing equipment, pipelines, coastal area building external materials, as well as high-end watch chains, watch cases and other uses.

Specification

Industrial stainless steel coil: heat exchanger, boiler, petroleum, chemical industry, chemical fertilizer, chemical fiber, pharmaceutical, nuclear power, etc.
Stainless steel coils for fluids: beverages, beer, milk, water supply systems, medical equipment, etc.
Stainless steel coil for mechanical structure: printing and dyeing, printing, textile machinery, medical equipment, kitchen equipment, automobile and ship parts, construction and decoration.

Material Grade

Approximate Comparative Table							
ASTM/ASME	ISO	USA	JAPAN	BRITAIN	GERMANY		CNS
UNS No.		AISI	JIS	BS	WERKSTOFF DIN		
S30400	11	304	SUS304	304S31	1.4301	X5CrNi1810	304
S31600	20	316	SUS316	316S31	1.4401	X5CrNiMo17122	316
S31603	19	316L	SUS316L	316S11	1.4404	X2CrNiMo17132	316L

Stainless Steel Seamless Pipe Chemical Component:

Chemical Composition about stainless steel pipe							
Grade	C ≤	Si ≤	Mn ≤	P ≤	S ≤	Ni ≤	Cr ≤
EN 1.4404	0.035	0.75	2	0.045	0.03	10.00-15.00	16.00-18.00

Size table:

Seamless stainless steel pipes

WALL THCKNESS FOR STAINLESS STEEL PIPE &T UBE (ASME B36.10 & B36.19)															
DNmm	DNin	φmm	SCH 5S	SCH10S	SCH40S	STD	Sch40	Sch60	Sch80s	XS	Sch80	Sch120	Sch140	Sch160	XXS
6	1/8	10.3		1.24	1.73	1.73	1.73		2.41	2.41	2.41				
8	1/4	13.7		1.65	2.24	2.24	2.24		3.02	3.02	3.02				
10	3/8	17.1		1.65	2.31	2.31	2.31		3.2	3.2	3.2				
15	1/2	21.3	1.65	2.11	2.77	2.77	2.77		3.73	3.73	3.73			4.78	7.47
20	3/4	26.7	1.65	2.11	2.87	2.87	2.87		3.91	3.91	3.91			5.56	7.82
25	1	33.4	1.65	2.77	3.38	3.38	3.38		4.55	4.55	4.55			6.35	9.09
32	1 1/4	42.2	1.65	2.77	3.56	3.56	3.56		4.85	4.85	4.85			6.35	9.7
40	1 1/2	48.3	1.65	2.77	3.68	3.68	3.68		5.08	5.08	5.08			7.14	10.15
50	2	60.3	1.65	2.77	3.91	3.91	3.91		5.54	5.54	5.54			8.74	11.07
65	2 1/2	76	2.11	3.05	5.16	5.16	5.16		7.01	7.01	7.01			9.53	14.02
80	3	88.9	2.11	3.05	5.49	5.49	5.49		7.62	7.62	7.62			11.13	15.24
90	3 1/2	101.6	2.11	3.05	5.74	5.74	5.74		8.08	8.08	8.08				

100	4	114.3	2.11	3.05	6.02	6.02	6.02		8.56	8.56	8.56	11.13		13.49	17.12
125	5	141.3	2.77	3.4	6.55	6.55	6.55		9.53	9.53	9.53	12.7		15.88	19.05
150	6	168.3	2.77	3.4	7.11	7.11	7.11		10.97	10.97	10.97	14.27		18.26	21.95
200	8	219.1	2.77	3.76	8.18	8.18	8.18	10.31	12.7	12.7	12.7	18.26	20.62	23.01	22.23
250	10	273	3.4	4.19	9.27	9.27	9.27	12.7	12.7	12.7	15.09	21.44	25.4	28.58	25.4
300	12	323.8	3.96	4.57	9.53	9.53	10.31	14.27	12.7	12.7	17.48	25.4	28.58	33.32	25.4
350	14	355.6	3.96	4.78		9.53	11.13	15.09		12.7	19.05	27.79	31.75	35.71	
400	16	406.4	4.19	4.78		9.53	12.7	16.66		12.7	21.44	30.96	36.53	40.49	
450	18	457	4.19	4.78		9.53	14.27	19.05		12.7	23.83	34.93	39.67	45.24	
500	20	508	4.78	5.54		9.53	15.09	20.62		12.7	26.19	38.1	44.45	50.01	
550	22	559	4.78	5.54		9.53		22.23		12.7	28.58	41.28	47.63	53.98	
600	24	610	5.54	6.35		9.53	17.48	24.61		12.7	30.96	46.02	52.37	59.54	
650	26	660				9.53				12.7					
700	28	711				9.53				12.7					
750	30	762	6.35	7.92		9.53				12.7					
800	32	813				9.53	17.48			12.7					

Conforms to ANSI B36.19 and ANSI B36.10 standards

FAQ:

Q: Are you a manufacturer or merely a trader?

A: We are group of companies and owned manufacturer bases and trading company. We specialized in special steel which include alloy structural steel and carbon steel and stainless steel, etc. All material are with high quality and competitive price.

Q: How do you guarantee the quality of your product?

A: Firstly, we can provide the certificates from the third party, such as TUV, CE, if you need. Secondly, we have a complete set of inspection system and every process is checked by QC. Quality is the lifeline of enterprise survival.

Q: Delivery time?

A: We have ready stock for most of material grades in our warehouse. If the material don't have stock, the delivery lead time is about 5-30 days after receiving your prepayment or firm order.

Q: What is the payment term?

A: T/T or L/C.

Q: Can you provide a sample for our testing before confirm the order?

A: Yes. We can provide sample to you for approval before you place an order to us. Free sample is available if we have stock.

Q: Can we visit your company and factory?

A: Yes, warmly welcome! We can book the hotel for you before you come to China and arrange our driver to our airport to pick you up when you come.

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