

Stainless Steel Tube: (stainless steel pipe, stainless steel seamless pipe, stainless steel welded pipe, stainless steel seamed tubes, stainless steel sanitary pipe, stainless steel precision tubes, stainless steel capillary tube)

Type	Material	Specification
Stainless Steel Tube	321 316L 309S 310S 301 303 304	426*1-50
Industrial Stainless Steel Pipe	321 316L 309S 310S 301 303 304 201	6-820*1-1050

ESTOCK OF BEBON:

6*1	34*2-8	70*3-10	152*3-20
8*1-2	36*2-8	73*3-10	159*3-25
10*1-2	38*2-8	76*2-16	168*3-30
12*1-3	40*2-8	80*2-16	180*3-30
14*1-4	42*2-8	83*2-16	219*4-35
16*1-4	45*2-8	89*2-16	245*5-35
18*1-4	48*2-8	95*2.5-16	273*5-40
20*1-5	50*2-8	102*2.5-18	325*5-40
22*1-5	51*2-8	108*2.5-18	355*7-40
25*1.5-5	57*2-10	114*2.5-18	377*8-45
27*2-5	60*2-10	120*3-18	426*8-50
28*2-5	63*2-10	127*3-18	456*8-50
30*2-8	65*3-10	133*3-18	530*8-50
32*2-8	68*3-10	140*3-20	630*10-40

Technology standards of stainless steel tube :

Type	Specification (mm)	Standard	Application
stainless steel tube	6~630* 1~50	GB/T14976-2002	Stainless steel pipe for fluid transport
stainless steel tube	6~630* 1~50	GB/T14975-2002	Structure seamless steel tube
stainless steel tube	6~630* 1~50	GB13296-91	Stainless steel tube for Boiler, heat exchanger
welded stainless steel tubes	6~820* 0.3~10	GB12770-2002	Stainless steel pipe for fluid transport

Type	Size (mm)	coefficient of fineness	
		Average	Advanced
cold drawing (external diameter)	6-10	Stainless steel pipe for fluid transport	355*7-40
	>10-30	Structure seamless steel tube	377*8-45
	>30-50	Stainless steel tube for Boiler, heat exchanger	426*8-50
	>50	Stainless steel pipe for fluid transport	456*8-50
rolled tube wall thickness	0.5-1.0	±0.15mm	530*8-50
	>1.0-3.0	±14%	±12%
	>3.0	±12%	-10%
		-10%	+10%
Weight calculation	(external diameter — wall thickness) *wall thickness*0.02491 =KG/M		

Chemical Composition of stainless steel tube:

Type	Grade	Chemical Composition											
		C	Mn	Si	Cr	Ni	S	P	Cu	Nb	Mo	Al	Ti
304stainle ss steel tube	0Cr18Ni9 (0Cr19Ni9)	≤ 0.07	≤2	≤ 1	17- 19	8- 11	≤ 0.03	≤ 0.035					
304L stainless steel tube	00Cr19Ni 10 (0Cr18Ni i10)	≤ 0.07	≤2	≤ 1	17- 19	8- 11	≤ 0.03	≤ 0.035					
301 stainless steel tube	1Cr17Ni7	≤ 0.15	≤2	≤ 1	16- 18	6- 8	≤ 0.03	≤ 0.045					
305 stainless steel tube	1Cr18Ni1 2	≤ 0.12	≤1	≤ 1	17- 19	10. 5- 13	≤ 0.03	≤ 0.045					
310S stainless steel tube	0Cr25Ni2 0/ 1Cr25Ni2 0Si2	≤ 0.08	≤2	≤ 1	24- 26	19 - 22	≤ 0.03	≤ 0.045					
314 stainless	1Cr25ni2 0Si2	≤ 0.07	≤1	≤ 1	15. 5-	3- 5	≤ 0.03	≤ 0.035	3-5	0.15 -			

steel tube					17. 5					0.45			
316 stainless steel tube	0Cr17Ni12Mo2	≤ 0.03	≤2	≤ 1	16- 18	10 - 14	≤ 0.03	≤ 0.045				2-3	
316 L stainless steel tube	00Cr17Ni14Mo2	≤ 0.03	≤2	≤ 1	16- 18	12 - 15	≤ 0.03	≤ 0.045				2-3	
317 L stainless steel tube	0Cr19Ni13Mo3	≤ 0.02			≤ 17. 8	≤ 12. 7						≤ 4.1	
321 stainless steel tube	1Cr18Ni11Ti	≤ 0.08	≤2	≤ 1	17- 19	9- 13	≤ 0.03	≤ 0.045					≤ 5
301 stainless steel tube	0Cr17Ni4Cu4Nb / 05Cr17Ni4Cu4Nb	≤ 0.07	≤1	≤ 1	15. 5- 17. 5	3- 5	≤ 0.03	≤ 0.035	3-5	0.15 - 0.45			
301 stainless steel tube		≤ 0.09	≤1	≤ 1	16- 18	6.5 - 8.5	≤ 0.03	≤ 0.04					0. 75 - 1. 5

Pipe is a hollow steel bar, a large number used for channels of transmitting fluids such as oil, gas, water, gas, steam, etc. In addition, when bending, torsional strength is same, the weight is lighter, so it is widely used for the manufacturing of mechanical parts and engineering structures. Also used in producing all kinds of conventional weapons, the barrel, shells and so on.

Seamless steel pipe is made by steel ingot or solid tube by the piercing for capillary, and then by the hot-rolled, cold-rolled or cold call.

Specifications of seamless steel pipe is said by a diameter * wall thickness in millimeters. Seamless steel pipe includes hot-rolled and cold rolled seamless steel pipe.