

//鍋爐熱交換器、冷凝器用不鏽鋼管

應用：加熱器、鍋爐、熱交換器、冷凝器
標準：美標ASTMA249、ASTMA269、日標JISG3463GB

壁厚(mm)		0.8	1	1.2	1.24	1.5	1.65	2	2.11	2.5	3	3.5
外徑O.D												
inch	mm											
	9.5	◎	◎	◎	◎	◎	◎					
1/2	12.7	◎	◎	◎	◎	◎	◎					
5/8	15.9	◎	◎	◎	◎	◎	◎	◎	◎	◎		
	16	◎	◎	◎	◎	◎	◎	◎	◎	◎		
	18	◎	◎	◎	◎	◎	◎	◎	◎	◎		
3/4	19.1	◎	◎	◎	◎	◎	◎	◎	◎	◎		
	22	◎	◎	◎	◎	◎	◎	◎	◎	◎		
7/8	22.2	◎	◎	◎	◎	◎	◎	◎	◎	◎		
	25	◎	◎	◎	◎	◎	◎	◎	◎	◎		
1	25.4	◎	◎	◎	◎	◎	◎	◎	◎	◎		
11/8	28.58	◎	◎	◎	◎	◎	◎	◎	◎	◎		
11/4	31.8	◎	◎	◎	◎	◎	◎	◎	◎	◎		
	32	◎	◎	◎	◎	◎	◎	◎	◎	◎		
	34	◎	◎	◎	◎	◎	◎	◎	◎	◎		
	35	◎	◎	◎	◎	◎	◎	◎	◎	◎		
11/2	38.1	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
	40	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
	41.3	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
	42.7	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
13/4	44.5	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
	48.6	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
2	50.8	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
	52	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
	57	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
21/2	63	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
	70	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
3	76.2	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
	85	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
31/2	89.1	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
4	101.6	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	
	104					◎	◎	◎	◎	◎	◎	
41/2	114					◎	◎	◎	◎	◎	◎	

◎ 代表A269 ◎ 代表A249/A269 ◎ 僅內焊道整平

公差

標準	項目	外徑公差 (mm)	厚度公差 (mm)	長度 (mm)
ASTM A269	>38.1	±0.13	OD<12.7±15.0%	OD<38.1 +3.2 -0.0 +4.0 -0.0
	≥38.1- <88.9	±0.25		
	≥88.9- <139.7	±0.38		
	≥139.7- <203.2	±0.76		
	≥203.2- <304.8	±1.01		
	≥304.8- <355.6	±1.26		
ASTM A249	<25.0	±0.10-0.10	±10.0%	OD<50.8 +3.0 -0.0 +5.0 -0.0
	≥25.0- <40.0	±0.15		
	>40.0- <50.0	±0.20		
	≥50.0- <65.0	±0.25		
	≥65.0- <75.0	±0.30		
	≥75.0- <100	±0.38		
JIS G3463	>100.0- <200.0	±0.38-0.64	OD<40.0 T<2mm+0.4-0.0 T≥2mm+20%-0.0	OD≤50.0 +7.0 -0.0 OD>50.0 +10.0 -0.0
	>200.0- <225.0	±0.38-1.14		
	<60.0	±0.25		
	≥60.0- <80.0	±0.30		
	≥80.0- <100.0	±0.40		
	≥100.0- <120.0	±0.40-0.60		
	≥100.0- <120.0	±0.40-0.80		
	≥120.0- <160.0	±0.40-1.20		
	≥160.0- <200.0	±0.40-1.60		

// 食品衛生用不鏽鋼管

應用：食品工業、製藥行業及相關對衛生級要求較高的行業
標準：ASTM A270、DIN 11850、JIS G3447、ISO 2037、BS 4825

壁厚(mm)		0.89	0.90	1.00	1.07	1.20	1.24	1.50	1.65	2.00	2.11	2.50	2.77	3.05	4.00	5.00
外徑O.D																
inch	mm															
	5/8	◎	◎	◎	◎	◎	◎	◎	◎	◎						
3/4	19.10	◎	◎	◎	◎	◎	◎	◎	◎	◎						
7/8	22.20	◎	◎	◎	◎	◎	◎	◎	◎	◎						
1	25.40	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎					
11/8	28.60	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎					
11/4	31.80	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎					
	33.40	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎					
	35.00	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎					
11/2	38.10	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎					
	41.30	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎					
	42.70	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎					
13/4	44.50	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎					
	48.60	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎					
2	50.80	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎					
21/4	57.00				◎	◎	◎	◎	◎	◎	◎					
23/8	60.30				◎	◎	◎	◎	◎	◎	◎					
21/2	63.50					◎	◎	◎	◎	◎	◎					
3	76.20					◎	◎	◎	◎	◎	◎	◎				
31/2	88.90						◎	◎	◎	◎	◎	◎	◎			
4	101.60							◎	◎	◎	◎	◎	◎			
41/2	114.30								◎	◎	◎	◎	◎			
51/2	139.70								◎	◎	◎	◎	◎			
	154.00									◎	◎	◎	◎			
	165.20										◎	◎	◎			
65/8	168.30											◎	◎			
85/8	219.05												◎	◎		
10 3/4	273.05													◎	◎	
12 3/4	323.85														◎	◎
14	355.60															◎
16	406.40															

公差

標準	項目	外徑公差 (mm)	厚度公差 (mm)	長度 (mm)
ASTM A270	≥25.4	±0.13	±10.0%	OD≤101.6 +3.2/-0.0 OD>101.6 +4.8/-0.0
	>25.4~50.8	±0.20		
	>50.8~76.2	±0.25		
	>76.2~101.6	±0.38		
	>101.6- <139.7	±0.38		
	≥139.7- <203.2	±0.76		
JIS G3447	≥203.2- <304.8	±1.27	±10.0%	+10.0/ -0.0
	25.4	±0.15		
	31.8	±0.16		
	38.1	±0.19		
	50.8	±0.25		
	63.5	±0.25		
JIS G3447	76.3	±0.25	±10.0%	+10.0/ -0.0
	89.1	+0.30-0.40		
	101.6	+0.35-0.40		
	114.3	+0.40-0.60		
	139.8	+0.40-0.80		
	165.2	+0.40-1.20		