Tolerance 鋼管公差

Welded Austenitic Stainless Steel Tubes for Heat Exchanger, General Service & Sanitary Tubing

食品衛生用及鍋爐熱交換器用不銹鋼鋼管

ASTM A249 / A249M, A269 / A269M, A270 / A270M, JIS G3447 / G3463, CNS 6668 / 7383

Item / Standard	Outside Diameter	Thickness	Length
ASTM A249	O.D. < 25mm + 0.10mm, -0.11mm	± 10%	O.D.<50.8mm + 3.0mm - 0mm O.D.≧50.8mm + 5.0mm - 0mm
	25mm ≦ O.D. ≦ 40mm ± 0.15mm		
	40mm < O.D. < 50mm ± 0.20mm		
	50mm ≦ O.D. < 65mm ± 0.25mm		
	65mm ≦ O.D. < 75mm ± 0.30mm		
	75mm ≦ O.D. ≦ 100mm ± 0.38mm		
	100mm < O.D. ≦ 200mm + 0.38mm, -0.64mm		
	200mm < O.D. ≦ 225mm + 0.38mm, -1.14mm		
ASTM A269	O.D. < 38mm ± 0.13mm	O.D. < 13mm ± 15% O.D. ≧ 13mm ± 10%	O.D.<38mm + 3.2mm - 0mm O.D.≧38mm + 4.8mm - 0mm
	38mm ≦ O.D. < 89mm ± 0.25mm		
	89mm ≦ O.D. < 140mm ± 0.38mm		
	140mm ≦ O.D. < 203mm ± 0.76mm		
	203mm ≦ O.D. < 305mm ± 1.01mm		
ASTM A270	O.D. ≦ 25mm ± 0.13mm	± 12.5%	O.D.≦100mm + 3.0mm - 0mm O.D.>100mm + 5.0mm - 0mm
	25mm < O.D. ≦ 50mm ± 0.20mm		
	50mm < O.D. ≦ 75mm ± 0.25mm		
	75mm < O.D. < 140mm ± 0.38mm		
	140mm ≦ O.D. < 200mm ± 0.75mm		
	200mm ≦ O.D. ≦ 300mm ± 1.25mm		
CNS 6668 JIS G3447	O.D. < 31.8mm ± 0.15mm	t < 1.2mm ± 0.12mm t ≧ 1.2mm ± 10%	+ 10mm - 0mm
	31.8mm ≦ O.D. < 38.1mm ± 0.16mm		
	38.1mm ≦ O.D. < 50.8mm ± 0.19mm		
	50.8mm ≦ O.D. < 89.1mm ± 0.25mm		
	89.1mm ≦ O.D. < 101.6mm + 0.30mm, -0.40mm		
	101.6mm ≦ O.D. < 114.3mm + 0.35mm, -0.40mm		
	114.3mm ≦ O.D. < 139.8mm + 0.40mm, -0.60mm		
	139.8mm ≦ O.D. < 165.2mm + 0.40mm, -0.80mm		
	165.2mm ≦ O.D. + 0.40mm, -1.20mm		
CNS 7383 JIS G3463	O.D. < 60mm ± 0.25mm	O.D.<40mm: t<2mm + 0.4mm - 0mm; t≧2mm + 20% - 0mm O.D.≧40mm + 22% - 0mm	O.D.≦50mm + 7.0mm - 0mm O.D.>50mm + 10mm - 0mm
	60mm ≦ O.D. < 80mm ± 0.30mm		
	80mm ≦ O.D. < 100mm ± 0.40mm		
	100mm ≦ O.D. < 120mm + 0.40mm, -0.60mm		
	120mm ≦ O.D. < 160mm + 0.40mm, -0.80mm		
	160mm ≦ O.D. < 200mm + 0.40mm, -1.20mm		
	200mm ≦ O.D. + 0.40mm, -1.60mm		