

Stainless Steel TP304(S30400)

Specifications

Item	Chemical Composition (%)							
	C	Mn	Si	Cr	Ni	Mo	P	S
TP304	≤0.08	≤2.0	≤1.0	18-20.0	8.0-11.0		≤0.045	≤0.03
	Standard							
	Plate/Sheet		Round bar/Wire		Pipe		Tube	
	ASTM A240		ASTM A-276		ASTM A-213 ASTM A-312		ASTM A269 ASTM A-312 ASTM A-249	

Properties

Stainless steel TP304 is a 300 Series Stainless Steel austenitic. It has a minimum of 18% chromium and 8% nickel, combined with a maximum of 0.08% carbon. It is defined as a Chromium-Nickel austenitic alloy.

Application

Stainless steel TP304 is used for a wide variety of home and commercial applications, this is one of the most familiar and most frequently used alloys in the stainless steel family.