



# 304L

composition  
after sintering

C%	Cr%	Ni%	Si%	Mn%	P%	S%	Fe%
≤0.03	18.0-20.0	8.0-12.0	≤1.0	≤2.0	≤0.045	≤0.03	balance

standards

AISI 304L;GB/T 20878-2007022Cr19Ni10

as sintered

Characteristic  
Properties  
(Typical values are  
shown in bracket)

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Density\g/cm <sup>3</sup>	≥7.75(7.85)
Yield Strength R <sub>P0.2</sub> \Mpa	≥160 ( 170 )
Ultimate Tensile Strength\Mpa	≥480 ( 490 )
Elongation\%	≥50
Hardness\HV0.3	120-180