

309 / UNS S30900 / DIN1.4828

Type 309 stainless steel is a chromium-nickel austenitic steel with a 0.08% carbon composition. It's highly corrosion resistance, heat resistance, oxidation resistance of up to 2000° F, and overall strength.

It is highly resistant to sulfidation but low resistance to carburization and should not be used in atmospheres with a high carburizing effect. It has the same machining properties as [Type 304 stainless steel](#), meaning it to be stamped, rolled, drawn, and formed with ease.

Material Data Sheet

Material Designation/Name	309
UNS	UNS S30900
DIN	DIN 1.4828

Main application of DIN1.4828

- Oven and kiln lining, Fireboxes and furnaces
- Aircraft engines, Car exhaust parts
- Heat exchangers, Boiler baffles

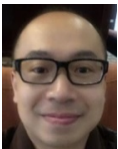
Chemical composition of DIN1.4828

Carbon, C	0.2
Chromium, Cr	23
Silicon, Si	1
Nickel, Ni	14
Manganese, Mn	2
Sulfur, S	0.03 MAX
Phosphorous, P	0.045 MAX
N	--
Mo	--
Se	--
Iron, Fe	60

Delivery status and forms

Various sizes and tolerances available upon your request.

Contact us



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Our Product Is Metal. Our Passion Is Service.

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