## **NAS310S** (UNS S31008) Heat-Resistant Stainless Steel

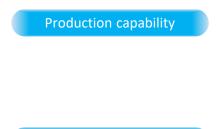
NAS310S is a heat-resistant austenitic stainless steel designed for use in high-temperature environments. With excellent oxidation resistance and superior strength at elevated temperatures, it is ideal for applications requiring durability under thermal stress.

								[wt %]
		С	Si	Mn	Р	S	Ni	Cr
NAS310S	Spec	≦0.08	≦1.50	≦2.00	≦0.045	≦0.030	19.00~ 22.00	24.00~ 26.00
	Typical	0.035	0.70	1.02	0.017	0.0007	19.12	24.8

## **Mechanical Properties**

Chemical Composition

		Proof stress (N/mm2)	Tensile strength (N/mm2)	Elongation (%)	Hardness (HV)
NAS310S	Spec	≧205	≧520	≧40	≦200
	Typical BA t0.20mm	293	616	48	160



Application

Finish : 2D/ 2B /BA Thickness : 0.05mm  $\sim$  1.2mm Width : 2mm  $\sim$  500mm

Engine gasket, Oxygen sensor cap

For more information, please contact: **NAS Stainless Steel Strip MFG. Co., Ltd. (NAS KOTAI)** Marketing & Development Dept. Overseas Sales Dept. Tel: +81-3-5205-2541

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