

Westgate

410s

(UNS41000) W. Nr. 1.4000

Chemical composition	Cr	Ni	C	Mn	P	S	Si	Fe
% Present (Max)	11.5-14.5	0.60	0.08	1.00	0.04 0	0.03 0	1.00	Bal

Alloy 410S (UNS S41008) is a low carbon, non-hardening modification of Alloy 410 (UNS S41000) the general purpose 12% chromium martensitic stainless steel. The low carbon and a small alloy addition minimize austenite formation at high temperatures which restricts the alloys ability to harden. 410S remains soft and ductile even when rapidly cooled from above the critical temperature. This non-hardening characteristic helps prevent cracking when the alloy is exposed to high temperatures or welded. 410S is completely ferritic in the annealed condition. It exhibits adequate corrosion resistance similar to 410 and good oxidation resistance

Note: Values are in accordance with EN 10088 specifications. Actual mill certs available upon request.

