

Westgate

15-5PH

(UNS S15500) W. Nr. 1.4540

Chemical composition	Cu	Si	p	S	Mn	Cr	Ni	C	Nb+Ta
% Present (Max)	2.5-4.5	1.00	0.045	0.035	1.00	14-15.5	3.5-5.5	0.07	0.15-0.45

Alloy 15-5 PH stainless steel is a martensitic precipitation-hardening stainless steel with approximately 15% Chromium and 5% Nickel. It has high strength, high hardness, and excellent corrosion resistance. Strength can be further increased by a single low temperature heat treatment. Compared to 17-4 PH, it offers better transverse toughness and ductility; better mechanical properties in larger cross-sections, and better forgeability. It is readily weldable. It can be machined in any of the several Thermal Conditions available to this grade.

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

