



Prakash Steel Corporation

Dealers & Stockists In : Alloys & Special Steel

Stainless Steels

Stainless steels are high alloy steels that have superior corrosion resistance, heat resistance as well as good strength and elongation. They can be classified as magnetic (ferritic and martensitic) and non-magnetic (austenitic) types.

Application

Cookware, Cutlery, Surgical Instruments, Architecture and in the Chemical, Mechanical Engineering, Foodstuffs, Energy, Medicine, Traffic, Transport Engineering and in the Offshore Industry.

Grade	%	C	Mn	Si	Ni	Cr	Mo	S	P
AISI 304	Min	0.08	2.0	0.75	8.00	18.00	—	0.03	0.04
	Max	Max	Max	Max	11.0	20.00	—	Max	Max
AISI 304L	Min	0.035	2.0	0.75	8.00	18.00	—	0.03	0.04
	Max	Max	Max	Max	13.0	20.00	—	Max	Max
AISI 316	Min	0.08	2.0	0.75	11.0	16.00	2.00	0.03	0.04
	Max	Max	Max	Max	14.0	18.00	3.00	Max	Max
AISI 316L	Min	0.035	2.0	0.75	10.0	16.00	2.00	0.03	0.04
	Max	Max	Max	Max	15.0	18.00	3.00	Max	Max