

316

BOTTLE GREEN

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CHARACTERISTICS

Tensile Strength (MPa)	580 - 650
Hardness Supplied (HB)	195 - 150
Machinability Rating %	48

CHEMICAL ANALYSIS (%)

	C	Si	Mn	P	S	Cr	Mo	Ni
MIN	0	0.45	1.5	0.03	0	16	2	10
MAX	0.08	0.75	2	0.045	0.03	18	3	14

NOTES

High corrosion resistance to attacks in marine and corrosive industrial atmospheres. The excellent corrosion resistance makes it suitable particularly where 304 is doubtful. 316 is readily workable and weldable. It cannot be Oxygen cut but plasma cutting is normal.

DESCRIPTION

Type 316 has extensive use in chemical processing equipment when better corrosion resistance is required than is afforded by chromium-nickel steels. Typical applications are Food Processing, Chemical Processing, Photographic, Pharmaceutical and Textile Finishing Equipment and Marine Exterior Trim.

HEAT TREATMENT

NOT RECOMMENDED



**YOUR COMPLETE
STEEL SERVICE
CENTRES**

BROOKVALE STORE

4A, 9-13 Winbourne Rd
Brookvale NSW 2100
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REVESBY STORE

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BLACKTOWN STORE

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