

AUSTENITIC STEELS

Available Product Shapes

Semi-Finished Products / Billet

Product Description

Production of sulphuric, phosphoric and acetic acids, petrochemical industry, artificial fertilizer, food processing and pharmaceutical industries, seawater desalinization plants.

Properties

Austenitic Ni-Cr-Mo-Cu-steel with low carbon content which resists intergranular corrosion in the temperature range up to 400°C. No post-weld heat treatment required. Possesses very good resistance to sulphuric acid of any concentration up to about 60°C, as well as to phosphoric acid and organic acids. Excellent resistance to stress corrosion cracking, and to pitting and crevice corrosion in media containing chloride ions. For optimum resistance, surfaces should be pickled.

Material designation		Standards	
1.4539	SEL	A182	ASTM
N08904	UNS		
X1NiCrMoCu25-20-5	EN		

For more information see www.voestalpine.com/boehler-edelstahl

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ONE STEP AHEAD.