

NI-BASE ALLOYS

Application Segments

Land Based Turbines

Available Product Variants

Long Products

Semi-Finished Products / Billet

Plates

Open Die Forgings

Product Description

Nickel-Chromium-Cobalt-Molybdenum-Alloy, used for gas turbin components and temperautes up to 1100°C.

Process Melting

VIM + ESR

Properties

High Strength, creep resistance and corrosion resistance at elevated temperatures up to 1100°C. Good weldability.

Applications

> Blades & Shafts for Turbines and Compressors

> Other Power Generation Components

> Steam Valves

Technical data

Material designation		Standards	
2.4663	SEL	B168	ASTM
NiCr23Co12Mo	EN	Inconel 617	Others
N06617	UNS		

Chemical composition (wt. %)

C	Cr	Mo	Ni	W	Co	B	Fe
0.08	21.8	9	Rest	0.6	12	0.005	1

The data contained in this brochure is merely for general information and therefore shall not be binding on the company. We may be bound only through a contract explicitly stipulating such data as binding. Measurement data are laboratory values and can deviate from practical analyses. The manufacture of our products does not involve the use of substances detrimental to health or to the ozone layer.

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ONE STEP AHEAD.