

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 turbine components and temperatures up to 1100°C.

Process Melting

VIM + ESR

Applications

- > Other Power Generation Components
- > Land Based Turbines
- > Power Generation (Gas/Steam/Nuclear)
- > Burner Nozzles

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

If other available product variants are listed in addition to long products, please note that these may differ in terms of melting process, technical data, delivery and surface condition as well as available product dimensions. For mandatory technical specifications, other requirements and dimensions, please contact our regional voestalpine BÖHLER sales companies. 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.