

CREEP RESISTANT STEELS

Available Product Variants

Plates

Product Description

Highly stressed turbine blades and turbine discs , screws, shafts, bolts, pins and rings.

Applications

> Turbine and Engine Parts (Aerospace)

Technical data

Material designation		Standards	
1.4933	SEL	S538	BS
1.4939		Z12CNDV12	Others
X11CrNiMo12	EN		
X12CrNiMo12			
S64152	UNS		

Chemical composition (wt. %)

C	Si	Mn	Cr	Mo	Ni	V	N
0.12	0.2	0.8	11.7	1.7	2.7	0.3	0.04

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.