

LEGERINGEN OP BASIS VAN NI

Application Segments

Oil & Gas/CPI

Beschikbare uitvoeringen

Stafstaal*

Halfafgewerkte producten / billet

Plaat

*) Presented data refer exclusively to long products. Please observe the detailed explanations at the end of the data sheet (pdf).

Product omschrijving

Onderdelen in de chemische industrie bij agressieve zuurmengsels, bijv. de productie van fosforzuur en bij contact met zoutzuur. Beits- en galvaniseringsinstallaties, chlorerings- en sulfiteringsystemen, installaties voor milieubescherming en recyclage.

Smeltroute

VIM + ESR or Airmelted + ESR

Toepassingen

- > Comp. voor chemische fabrieken (incl. LNG, FGD, Urea, LDPE enz.)
- > CPI (inc. LNG, Urea) (nl)
- > Andere comp. olie en gas + chemie
- > Heat Exchanger (NL)
- > Componenten voor de recyclingindustrie
- > Olie en gas
- > Buisproducten, flenzen, fittingen
- > Papier- en pulpindustrie / drukkerij
- > Comp. voor verwerking van levensmiddelen en diervoeders
- > Andere componenten
- > Afsluiters en actuatoren
- > Storage technology

Technische gegevens

Materiaal aanduiding		Normen	
Alloy C22	Market grade	B564	ASTM
2.4602	SEL	B574	
NiCr21Mo14W	EN	VdTÜV WB479	Others
N06022	UNS	NACE MR0103 / ISO 17945 NACE MR0175 / ISO 15156	

Chemische samenstelling

C	Si	Mn	P	S	Cr	Mo	Ni	V	W	Co	Fe
max. 0,010	max. 0,08	max. 0,5	max. 0,025	max. 0,010	20,0 naar 22,5	12,5 naar 14,5	REM	max. 0,35	2,5 naar 3,5	max. 2,5	2,0 naar 6,0

Refers to VdTÜV WB 479

Leveringsconditie

Solution Annealed + Quenched

Treksterkte (MPa)	690 naar 950
Opbrengtsterkte (MPa)	min. 310

Ronde staven

Diameter*		
mm		
GEROLD		
5,00	-	13,50
5,00	-	101,60
GESMOORDE		
101,70	-	355,60

* Diameter 5.00 - 13.50 mm available as Wire Rod.

Diameter 5.00 - 101.6 mm round bars.

Diameter from 5.0 to 13.5 mm available as Wire Rod. More information regarding MOQ, lengths and tolerances upon request.

Long Products: For additional specifications, technical requirements, and other dimensions, please contact our regional voestalpine BÖHLER sales companies.

Semi-Finished Products: Product Variant may differ in terms of melting process, technical data, delivery, and surface condition as well as available product dimensions. Please contact the business unit Semi Finished Products of voestalpine BÖHLER Edelstahl GmbH & Co KG.

Sheet & Plates: Product Variant may differ in terms of melting process, technical data, delivery, and surface condition as well as available product dimensions. Please contact voestalpine BÖHLER Bleche GmbH & Co KG.

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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voestalpine

ONE STEP AHEAD.