

# ALEACIONES BASE NÍQUEL

## Application Segments

Oil & Gas/CPI

## Formatos disponibles

Productos largos\*

Productos semielaborados / en palanquilla

Chapas

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

## Descripción

Acero para la industria del petróleo y gas, y para la industria química.

## Método de obtención

Convencional

## Aplicaciones

- > Componentes para plantas químicas (incl. GNL, FGD, urea, PEBD, etc.)
- > CPI (incl. LNG, urea) (es)
- > Industria del papel y celulosa / Impresión
- > Otros componentes de CPI, gas y petróleo
- > Heat Exchanger (ES)
- > Industria de procesado de alimentos
- > Productos tubulares, bridas, accesorios
- > Gas y petróleo

## Datos técnicos

Designación		Estándares	
Alloy 825	Market grade	B425	ASTM
2.4858	SEL	NACE MR0103 / ISO 17945	Others
NiCr21Mo	EN	NACE MR0175 / ISO 15156	
N08825	UNS		

## Composición Química

C	Si	Mn	S	Cr	Mo	Ni	Cu	Ti	Al	Fe
máx. 0,05	máx. 0,5	máx. 1,0	máx. 0,03	19,5 a 23,5	2,5 a 3,5	38,0 a 46,0	1,5 a 3,0	0,6 a 1,2	máx. 0,2	mín. 22,0

Refers to ASTM B 425 UNS N08825

## Estado de suministro

### Solution Annealed + Quenched

Resistencia a la tracción (MPa)	mín. 586
Resistencia a la cesión (MPa)	mín. 241

### Barras redondas

Diámetro*	
mm	
<b>FORZADO</b>	
5,00	-
12,50	-
<b>FORJADO</b>	
101,70	-

\* Diameter 5.00 - 13.50 mm available as Wire Rod.

Diameter 5.00 - 101.6 mm round bars.

More information regarding MOQ, lengths and tolerances upon request. Flat bars on 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.

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