

# ACEROS AUSTENÍTICOS

## Application Segments

Engineering

## Formatos disponibles

Productos largos

## Descripción

BÖHLER A224 is a stainless austenitic Cr-Ni-Mo steel with low carbon content.

Resistant to intergranular corrosion up to 750°F (400°C).

Heat treatment after welding not required.

Good resistance to reducing acids, such as diluted sulfuric and hydrochloric acid, and to localized corrosion attack in media containing chlorine ions.

Required surface finish pickled or polished. Very good cold formability, highly polishable.

## Método de obtención

Airmelted + ESR

## Aplicaciones

- > Watch Industry (ES)
- > Componentes generales de ingeniería mecánica
- > Chemical industry - general (ES)
- > Luxury Watch Industry (SP)
- > Componentes para el procesamiento de alimentos y piensos
- > Bienes de consumo - en general
- > Componentes para plantas químicas (incl. GNL, FGD, urea, PEBD, etc.)

## Datos técnicos

Designación		Estándares	
316L	Market grade	10088-3	EN ISO
1.4435	SEL		
X2CrNiMo18-14-3	EN		

## Composición Química

C	Si	Mn	P	S	Cr	Mo	Ni	N
máx. 0,030	máx. 1,00	máx. 2,00	máx. 0,045	máx. 0,030	17,0 a 19,0	2,50 a 3,00	12,5 a 15,0	máx. 0,10

Related to DIN EN 10088-3.

## Estado de suministro

### Solution Annealed + Quenched

Dureza (HB)	máx. 215   Thickness or diameter max. 250mm
Resistencia a la tracción (MPa)	500 a 700
Resistencia a la cesión (MPa)	máx. 200

### Barras redondas

		Diámetro* mm	
		FORZADO	
5,00	-	15,50	
12,50	-	65,00	

\* Diameter 5.00 - 15.50 mm available as Wire Rod.

Diameter 12.5- 65mm round bars.

More information regarding MOQ, lengths and tolerances upon request.

For additional specifications and other sizes please contact BÖHLER Edelstahl - Special Materials Engineering

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.