

NI ESASLI ALAŞIMLAR

Application Segments

Oil & Gas/CPI

Mevcut Ürün Şekilleri

Uzun Ürünler*

Açık Kalıpta Dövme

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

Ürün Tanımı

BÖHLER L625 is a non-magnetizable corrosion and heat resistant nickel alloy in the form of bars, forgings and semi-finished products up to max 254 mm diameter/ cross-section and oxidation resistant up to 1093°C. Best fatigue strength and resistance to stress corrosion cracking when exposed to chloride containing media. Good weldability.

Erime rotası

VIM + ESR

Uygulamalar

- > Kimya Tesisleri için Parçalar (LNG, FGD, Üre, LDPE tesisleri vs. dahil)
- > Paper and Pulp Industry / Printing
- > Kuyubaşı, Noel Ağaçları ve Manifoldlar (Boru askıları dahil), Kaçak Önleyiciler
- > Petrol ve Gaz
- > Kuyu Bitirme Gereçleri
- > Diğer Petrol ve Gaz + Kimya Tesisi Parçaları
- > Kuyu Loglama Gereçleri

Teknik veriler

Malzeme Tanımı		Standartlar	
Alloy 625	Market grade	B446	ASTM
2.4856	SEL	B564	
NiCr22Mo9Nb	EN	NACE MR0175 / ISO 15156	Others
N06625	UNS	NACE MR0103 / ISO 17945	

Kimyasal Bileşim

C	Si	Mn	P	S	Cr	Mo	Ni	Co	Ti	Al	Nb	Fe
maks. 0,10	maks. 0,50	maks. 0,50	maks. 0,015	maks. 0,015	20,0 kadar 23,00	8,0 kadar 10,00	REM	maks. 1,00	maks. 0,40	maks. 0,40	3,15 kadar 4,15	maks. 5,00

Related to ASTM B446 Grade 1 | Nb content refers to Nb + Ta

Teslimat durumu

Annealed

Çekme mukavemeti (MPa)	min. 827 up to 102 mm diameter or thickness
Akma dayanımı (MPa)	min. 414 up to 102 mm diameter or thickness

Annealed

Çekme mukavemeti (MPa)	min. 758 above 102 mm up to 254 mm diameter or thickness
Akma dayanımı (MPa)	min. 345 above 102 mm up to 254 mm diameter or thickness

Yuvarlak çubuklar

		Çap*	
		mm	
Haddelenmiş			
12,50	-	101,60	
DÖVÜLMÜŞ			
101,61	-	254,00	

* Diameter 5.00 - 13.50 mm available as Wire Rod.

Diameter 12.5 - 101.6 mm round bars.

More information regarding MOQ, length and tolerance upon request. Flat bars on request.

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

Open Die Forgings: 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 Open Die Forgings of voestalpine BÖHLER Edelstahl 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.