

NI ESASLI ALAŞIMLAR

Application Segments

Oil & Gas/CPI

Mevcut Ürün Şekilleri

Uzun Ürünler*

Yarı Mamül Ürünler / Kütük

Levhalar

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

Ürün Tanımı

BÖHLER L276 is a nickel-chromium-molybdenum alloy with universal corrosion resistance unmatched by any other alloy. It has outstanding resistance to a wide variety of chemical process environments including ferric and cupric chlorides, hot contaminated mineral acids, solvents, chlorine and chlorine contaminated (both organic and inorganic), dry chlorine, formic and acetic acids, acetic anhydride, sea water and brine solutions and hypochlorite and chlorine dioxide solutions. BÖHLER L276 also resists formation of grain boundary precipitates in the weld heat affected zone making it useful for most chemical processes in the as-welded condition. BÖHLER L276 has excellent resistance to pitting and stress corrosion cracking. Some typical applications of BÖHLER L276 include equipment components in chemical and petrochemical organic chloride processes and processes utilizing halide or acid catalysts. Other industry applications are pulp and paper (digesters and bleach areas), scrubbers and ducting for flue gas desulfurization, pharmaceutical and food processing equipment.

Erime rotası

VIM + ESR or Airmelted + ESR

Uygulamalar

- > Kimya Tesisleri için Parçalar (LNG, FGD, Üre, LDPE tesisleri vs. dahil)
- > Kimya Endüstrisi (LNG, Üre dahil)
- > Dövme Uygulamaları
- > Diğer Petrol ve Gaz + Kimya Tesisi Parçaları
- > Kuyu Bitirme Gereçleri
- > Geri Dönüşüm Endüstrisi için Parçalar
- > Parça Malzemelerinin Distribütörleri
- > Petrol ve Gaz
- > Borusal Ürünler, Flaşlar, Fitingler
- > Kuyubaşı, Noel Ağaçları ve Manifoldlar (Boru askıları dahil), Kaçak Önleyiciler
- > Gıda İşleme ve Hayvan Yemi Endüstrileri için Parçalar
- > Nihai uygulama hakkında bilgisi olmayan, standart parça distribütörleri ve üreticileri
- > Diğer Parçalar
- > Vanalar ve Aktüatörler

Teknik veriler

Malzeme Tanımı		Standartlar	
Alloy 276	Market grade	17744	DIN
2.4819	SEL	17752	
NiMo16Cr15W	EN	B564	ASTM
N10276	UNS	B574	
		NACE MR0175 / ISO 15156	Others
		NACE MR0103 / ISO 17945	
		VdTÜV WB400	

Kimyasal Bileşim

C	Si	Mn	P	S	Cr	Mo	Ni	V	W	Co	Fe
maks. 0,01	maks. 0,08	maks. 1,00	maks. 0,025	maks. 0,010	14,50 kadar 16,50	15,00 kadar 17,00	REM	maks. 0,35	3,00 kadar 4,50	maks. 2,50	4,00 kadar 7,00

Related to VdTÜV WB400

Teslimat durumu

Solution Annealed + Quenched	
Çekme mukavemeti (MPa)	700 kadar 950
Akma dayanımı (MPa)	min. 280

Yuvarlak çubuklar

Çap* mm	
Haddelenmiş	
5,00	- 13,50
5,00	- 101,60
DÖVÜLMÜŞ	
101,70	- 355,60

* Diameter 5.00 - 13.50 mm available as Wire Rod.

Diameter 5.00 - 101.6 mm round bars.

Further information on MOQ, lengths and tolerances 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.

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.