

OSTENİTLİ ÇELİKLER

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

For applications involving highly corrosive environments due to the presence of chemically aggressive media, e.g. for equipment and plants which are cooled by seawater and parts for offshore plants. In the chemical industry where resistance to the attack of pure acids as well as acids containing chloride ions (sulphuric acid in particular), of organic acids and mixed acids is required in the higher pressure and temperature ranges. The enhanced resistance to crevice corrosion permits use also for applications where incrustation must be expected, and / or where the formation of gaps cannot be avoided by design precautions.

Erime rotası

Airmelted

Uygulamalar

- > Kimya Tesisleri için Parçalar (LNG, FGD, Üre, LDPE tesisleri vs. dahil)
- > Petrol ve Gaz
- > Borusal Ürünler, Flanşlar, Fitingler
- > Kuyu Loglama Gereçleri
- > Heat Exchanger (TR)
- > Kimya Endüstrisi (LNG, Üre dahil)
- > Diğer Parçalar
- > Vanalar ve Aktüatörler
- > Kuyubaşı, Noel Ağaçları ve Manifololar (Boru askıları dahil), Kaçak Önleyiciler
- > Gıda İşleme Endüstrisi
- > Diğer Petrol ve Gaz + Kimya Tesisleri Parçaları
- > Kuyu Bitirme Gereçleri
- > Chemical industry - general (TR)

Teknik veriler

Malzeme Tanımı		Standartlar	
F44	Market grade	10088-3	EN ISO
254SMO			
1.4547	SEL	A182/A182M	ASTM
X1CrNiMoCuN20-18-7	EN	A276/A276M	
S31254	UNS	A479/A479M	
		MDS R17	NORSOK

Kimyasal Bileşim

C	Si	Mn	P	S	Cr	Mo	Ni	Cu	N
maks. 0,020	maks. 0,80	maks. 1,00	maks. 0,030	maks. 0,010	19,5 kadar 20,5	6,0 kadar 6,5	17,5 kadar 18,5	0,50 kadar 1,00	0,18 kadar 0,25

Refers to ASTM A479 S 31254.

Teslimat durumu

Solution Annealed + Quenched

Çekme mukavemeti (MPa)	min. 655
Akma dayanımı (MPa)	min. 300

Yuvarlak çubuklar

Çap mm	
Haddelenmiş	
12,50	- 130,00
DÖVÜLMÜŞ	
130,10	- 200,00

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.

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.

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.

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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ONE STEP AHEAD.