

SOĞUK İŞ ÇELİKLERİ

Mevcut Ürün Şekilleri

[Uzun Ürünler*](#)[Levhalar](#)

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

Ürün Tanımı

BÖHLER K313 is corresponds to the material 1.2362 (X63CrMoV5 1). BÖHLER K313 is used for intermediate rolls in multi-roll stands, deburring dies and punches, cutting plates and punches, hot shears, ejection pins, drop-forging dies and hole punches.

Erime rotası

[Airmelted](#)

Özellikler

- > Tokluk ve Süneklik : iyi
- > Aşınma Direnci : iyi
- > Basınç Dayanımı : yüksek
- > Boyutsal kararlılık : iyi

Uygulamalar

- > Machine knife (for producers)
- > Fine Blanking, Stamping, Blanking
- > Rolling
- > Haddeler
- > Cold Forming

Teknik veriler

Malzeme Tanımı		
1.2362	SEL	
X63CrMoV5-1	EN	

Kimyasal Bileşim

C	Si	Mn	Cr	Mo	Ni
0,63	1,10	0,40	5,30	1,20	0,30

Malzeme özellikleri

	Basınç Dayanımı	Isıl işlem sırasında boyutsal kararlılık	Sertlik	Aşındırıcı aşınma direnci
BÖHLER K313	★★★★	★★★	★★★	★★★
BÖHLER K305	★★★★★	★★★	★★	★★★★★
BÖHLER K306	★★★★	★★★	★★★★★	★★★
BÖHLER K320	★★★	★★★	★★★	★★★
BÖHLER K329	★★★	★★★	★★★★★	★★★★★
BÖHLER K600	★	★★★	★★★★★	★
BÖHLER K601	★	★★★	★★★★★	★★
BÖHLER K605	★★	★★★	★★★★★	★

Teslimat durumu

Annealed

Sertlik (HB)	maks. 240
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Isıl işlem

Annealing

Sıcaklık	800 kadar 850 °C	Slow controlled cooling in furnace at a rate of 50 to 68°F/hr (10 to 20°C/hr) down to approx. 600°C, further cooling in air.
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Stress relieving

Sıcaklık	650 °C	Slow cooling in furnace; intended to relieve stresses set up by extensive machining, or in complex shapes. After through heating, hold in neutral atmosphere for 1 to 2 hours.
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Sertleştirme ve Temperleme

Sıcaklık	980 kadar 1.020 °C	Oil, salt bath from 842 to 932°F (450 to 500°C), air (small sizes only) Holding time after temperature equalization: 15 to 30 minutes. Obtainable hardness: approx. 62 HRC
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Long Products: For additional specifications and technical requirements, 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.

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.

voestalpine BÖHLER Edelstahl GmbH & Co KG

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voestalpine

ONE STEP AHEAD.