

ISIL İŞLEM VE ÇÖKELME SERTLEŞMESİNE UYGUN ÇELİKLER

Application Segments

Aerospace

Mevcut Ürün Şekilleri

Uzun Ürünler

Ürün Tanımı

BÖHLER V145 is a Cr-Ni-Mo- steel for applications requiring high tensile and toughness values, in particular in large cross sections in the quenched and tempered condition. The molybdenum addition prevents the steel from being susceptible to temper embrittlement.

Highly stressed components with large cross sections for aircraft, such as gear shafts and landing gear components.

Erime rotası

Airmelted

Uygulamalar

> Yapısal Elemanlar (Havacılık ve Uzay)

> Diğer Havacılık ve Uzay Parçaları

Teknik veriler

Malzeme Tanımı	
1.6604	Market grade SEL
30CND8 30CrNiMo8	EN

Kimyasal Bileşim

C	Si	Mn	P	S	Cr	Mo	Ni
0,26 kadar 0,34	0,15 kadar 0,40	0,30 kadar 0,60	maks. 0,025	maks. 0,025	1,80 kadar 2,30	0,30 kadar 0,50	1,80 kadar 2,30

Related to WL 1.6604

Teslimat durumu

Annealed	
Sertlik (HB)	maks. 248 Bars from 5 to 250 mm diameter
Hardened and Tempered	
Çekme mukavemeti (MPa)	900 kadar 1.100 Bars from 5 to 250 mm diameter
Akma dayanımı (MPa)	min. 700
Hardened and Tempered	
Çekme mukavemeti (MPa)	1.100 kadar 1.300 Bars from 5 to 100 mm diameter
Akma dayanımı (MPa)	min. 900
Hardened and Tempered	
Çekme mukavemeti (MPa)	1.250 kadar 1.450 Bars from 5 to 40 mm diameter
Akma dayanımı (MPa)	min. 1.050

Yuvarlak çubuklar

Çap mm		MOQ kg	Uzunluk m		Hoşgörü		
Haddelenmiş							
5,01	-	12,49	850	3,00	-	4,00	IT h/k 11
12,50	-	55,00	1.000	3,00	-	4,00	IT h/k 11
55,01	-	69,00	1.200	3,00	-	4,00	IT h/k 11
69,01	-	72,00	1.000	3,00	-	4,00	IT h/k 11
72,01	-	82,00	1.150	3,00	-	4,00	IT h/k 11
82,01	-	120,00	1.400	3,00	-	4,00	IT h/k 11
120,01	-	150,00	1.400	3,00	-	5,00	IT h/k 14

For additional specifications and other sizes please contact BÖHLER Edelstahl - Special Materials Aerospace & Land Based Turbine

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

Mariazeller Straße 25

8605 Kapfenberg, AT

T. +43/50304/20-0

E. info@bohler-edelstahl.at

<https://www.voestalpine.com/bohler-edelstahl/de/>

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ONE STEP AHEAD.