

RULMAN ÇELİKLERİ

Application Segments

Aerospace

Mevcut Ürün Şekilleri

Uzun Ürünler

Ürün Tanımı

This specification covers a premium aircraft-quality, double vacuum-melted low-alloy steel in the form of bars, forgings and forging stock. It is used typically for critical carburized parts such as bearings operating under heavy loads and high speeds at moderate temperatures. E.g. bearings and rolling elements, bearing balls and races.

Erime rotası

VIM + VAR

Uygulamalar

- > Bearings > Türbin ve Motor Parçaları (Havacılık ve Uzay) > Diğer Havacılık ve Uzay Parçaları

Teknik veriler

Malzeme Tanımı		Standartlar	
M50 Nil	Market grade	6278	AMS
13DCNV40	EN		

Kimyasal Bileşim

C	Si	Mn	P	S	Cr	Ni	V	W	Cu	Co
0,11 kadar 0,15	0,10 kadar 0,25	0,15 kadar 0,35	maks. 0,015	maks. 0,010	4,00 kadar 4,25	3,20 kadar 3,60	1,13 kadar 1,33	maks. 0,15	maks. 0,10	maks. 0,25

Related to AMS 6278

Teslimat durumu

Annealed

Sertlik (HRC)	maks. 27 Cold finished and annealed, max 12.7 mm diameter
Çekme mukavemeti (MPa)	maks. 862 Cold finished and annealed, max 12.7 mm diameter

Annealed

Sertlik (HB)	maks. 255 Hot finished and annealed, above 12.7 mm diameter
--------------	---

Annealed

Sertlik (HB)	maks. 269 Cold finished and annealed, above 12.7 mm diameter
--------------	--

Yuvarlak çubuklar

Çap mm			MOQ kg	Uzunluk m			Hoşgörü
Haddelenmiş							
12,50	-	55,00	1.250	3,00	-	4,00	IT h/k 11
55,01	-	120,00	1.400	3,00	-	4,00	IT h/k 11
120,01	-	125,00	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@boehler-edelstahl.at

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

voestalpine

ONE STEP AHEAD.