

RULMAN ÇELİKLERİ

Application Segments

Aerospace

Mevcut Ürün Şekilleri

Uzun Ürünler

Ürün Tanımı

This specification covers a premium aircraft-quality, vacuum-arc-remelted low-alloy steel in the form of bars, forgings and forging stock.

It is used typically for parts requiring through hardening properties, usually with hardness of approximately 60 HRC in section thicknesses 0.50 inch (12.7 mm) and under. E.g. bearing rings and rolling elements, bearing balls and races.

Erime rotası

Airmelted + VAR

Uygulamalar

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

Teknik veriler

Malzeme Tanımı		Standartlar	
52100	Market grade	6444	AMS
1.2067	SEL		
102Cr6	EN		

Kimyasal Bileşim

C	Si	Mn	P	S	Cr	Mo	Ni	Cu	Al	O
0,93 kadar 1,05	0,15 kadar 0,35	0,25 kadar 0,45	maks. 0,015	maks. 0,015	1,35 kadar 1,60	maks. 0,10	maks. 0,25	maks. 0,30	maks. 0,050	maks. 0,0015

Related to AMS 6444

Teslimat durumu

Annealed

Sertlik (HB)	maks. 248 Cold finished and annealed, above 12.7 mm diameter
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Annealed

Sertlik (HB)	maks. 207 Hot finished and annealed, above 12.7 mm diameter
Çekme mukavemeti (MPa)	maks. 827 Cold finished and annealed, max 12.7 mm diameter

Yuvarlak çubuklar

Çap mm		MOQ kg	Uzunluk m		Hoşgörü
Haddelenmiş					
12,50	-	55,00	1.100	3,00 - 4,00	IT h/k 11
55,01	-	120,00	1.200	3,00 - 4,00	IT h/k 11
120,01	-	140,00	1.200	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.

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ONE STEP AHEAD.