

# ACCIAI PER CUSCINETTI

## Application Segments

Aerospace

## Granulometria disponibile

Prodotti lunghi

## Descrizione del prodotto

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.

## Percorso di fusione

Airmelted + VAR

## Applicazioni

- > Cuscinetti
- > Parti di turbine e motori (aerosp.)
- > Altri componenti per il settore aerospaziale

## Dati tecnici

Corrispondenze		Standard	
52100	Market grade	6444	AMS
1.2067	SEL		
102Cr6	EN		

## Analisi chimica

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

Related to AMS 6444

## Condizioni di consegna

### Ricotto

Durezza (HB)	max. 248   Cold finished and annealed, above 12.7 mm diameter
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### Ricotto

Durezza (HB)	max. 207   Hot finished and annealed, above 12.7 mm diameter
Resistenza alla trazione (MPa)	max. 827   Cold finished and annealed, max 12.7 mm diameter

### Barre tonde

Diametro mm		MOQ kg	Lunghezza m		Tolleranza
<b>ROTOLATO</b>					
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

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