

# ACCIAI PER CUSCINETTI

## Application Segments

Aerospace

## Granulometria disponibile

Prodotti lunghi

## Descrizione del prodotto

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.

## Percorso di fusione

VIM + VAR

## Applicazioni

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

## Dati tecnici

Corrispondenze		Standard	
M50 Nil	Market grade	6278	AMS
13DCNV40	EN		

## Analisi chimica

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

Related to AMS 6278

**Condizioni di consegna**

**Ricotto**

Durezza (HRC)	max. 27   Cold finished and annealed, max 12.7 mm diameter
Resistenza alla trazione (MPa)	max. 862   Cold finished and annealed, max 12.7 mm diameter

**Ricotto**

Durezza (HB)	max. 255   Hot finished and annealed, above 12.7 mm diameter
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**Ricotto**

Durezza (HB)	max. 269   Cold finished and annealed, above 12.7 mm diameter
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**Barre tonde**

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

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