

# ACCIAI AUSTENITICI

## Application Segments

Aerospace

## Granulometria disponibile

Prodotti lunghi\*

Lamiere

\* ) Presented data refer exclusively to long products. Please observe the detailed explanations at the end of the data sheet (pdf).

## Descrizione del prodotto

Industria alimentare, birrerie, industria della fermentazione, industria della carta, impianti per la produzione di acido nitrico, olio, grasso e sapone, industria della pelletteria, ingegneria meccanica, industria nucleare, industria aeronautica.

## Percorso di fusione

Airmelted

## Applicazioni

> Altri componenti per il settore aerospaziale

## Dati tecnici

Corrispondenze		Standard	
1.4546	SEL	5646	AMS
X5CrNiNb18-10	EN	S130	BS
Z6CnNb1810		970 Pt.3	
S34700	UNS		

## Analisi chimica

C	Si	Mn	P	S	Cr	Mo	Ni	Cu	Co	Nb
max. 0,08	max. 1	max. 2	max. 0,04	max. 0,03	17 a 19	max. 0,75	9 a 12	max. 0,75	max. 1	10xC a 1,1

Related to AMS5646

## Condizioni di consegna

### Solution annealed

Resistenza alla trazione (MPa)	min. 517   bars above 12.7 mm diameter
Resistenza allo snervamento (MPa)	min. 207   bars above 12.7 mm diameter

### Solution annealed

Resistenza alla trazione (MPa)	586 a 862   wire
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### Solution annealed

Durezza (HB)	140 a 255   bars up to 50.8 mm diameter, inclusive
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### Solution annealed

Durezza (HB)	max. 255   bars above 50.8 mm diameter
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## Barre tonde

Diametro mm			MOQ kg	Lunghezza m			Tolleranza
<b>ROTOLATO</b>							
5,01	-	12,49	800	3,00	-	4,00	IT h/k 11
12,50	-	55,00	950	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	1.300	3,00	-	4,00	IT h/k 11
120,01	-	140,00	1.300	3,00	-	5,00	IT h/k 14
<b>FORGIATO</b>							
140,01	-	220,00	1.400	2,00	-	5,00	IT h/k 14

**Long Products:** For additional specifications, technical requirements, and other dimensions, please contact our regional voestalpine BÖHLER sales companies.

**Sheet & Plates:** Product Variant may differ in terms of melting process, technical data, delivery, and surface condition as well as available product dimensions. Please contact voestalpine BÖHLER Bleche GmbH & Co KG.

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ONE STEP AHEAD.