

# AUSZTENITES ACÉLOK

## Application Segments

Aerospace

## Elérhető termékváltozatok

Hosszúcs termékek\*

Lemezek

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

## Termékleírás

Food processing industry, breweries, fermentation and dairy industries, paper and pulp industry, nitric acid plants, production of explosives, oil, grease and soap production, leather industry, vegetable tanning equipment, mechanical engineering, nuclear engineering, aircraft industry.

## Olvasási útvonal

Airmelted

## Használ

> Egyéb repüléstechnikai alkatrészek

## Műszaki jellemzők

Anyagmegjelölés		Szabványok	
1.4546	SEL	5646	AMS
X5CrNiNb18-10	EN	S130	BS
Z6CrNb1810		970 Pt.3	
S34700	UNS		

## Vegyí összetétel

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 amig 19	max. 0,75	9 amig 12	max. 0,75	max. 1	10xC amig 1,1

Related to AMS5646

## Szállítási feltétel

<b>Solution annealed</b>	
Szakítószilárdság (MPa)	min. 517   bars above 12.7 mm diameter
Folyáshatár (MPa)	min. 207   bars above 12.7 mm diameter
<b>Solution annealed</b>	
Szakítószilárdság (MPa)	586 amíg 862   wire
<b>Solution annealed</b>	
Keménység (HB)	140 amíg 255   bars up to 50.8 mm diameter, inclusive
<b>Solution annealed</b>	
Keménység (HB)	max. 255   bars above 50.8 mm diameter

## Kerek rudak

Átmérő mm		MOQ kg	Hosszúság m		Tolerancia
<b>KÉNYSZERES</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>SIMÍTOTT</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.

*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@bohler-edelstahl.at  
<https://www.voestalpine.com/bohler-edelstahl/de/>

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