

# ACIERS POUR LA CONSTRUCTION MÉCANIQUE - ACIER DE CÉMENTATION

## Segment d'application

Aerospace

Automotive

## Variantes de produits disponibles

Produit long\*

Produit semi-fini

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

## Description du produit

E108

## Procédé d'élaboration

Airmelted + VAR

## Applications

- > Eléments de structure (Aéronautique)  
 > Automobile
- > Aéronautique  
 > Compétition automobile
- > Autres composants pour l'aérospatial

## Données techniques

Désignation normalisée		Normes	
S156	Market grade	S156	BS

## Composition chimique

C	Si	Mn	P	S	Cr	Mo	Ni
0,14 jusqu'à 0,18	0,1 jusqu'à 0,35	0,25 jusqu'à 0,55	max. 0,015	max. 0,012	1 jusqu'à 1,4	0,2 jusqu'à 0,3	3,8 jusqu'à 4,3

Related to BS S156

## Condition de livraison

### Recuit

Dureté (HB)	max. 277   S156A, forging stock bars for subsequent working
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### Normalized, Tempered

Dureté (HB)	max. 277   S156D, bright bars for machining
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### Normalized, Tempered

Dureté (HB)	max. 277   S156B, bars for machining
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### Barres rondes et fil machine (le cas échéant)

Diamètre mm			MOQ kg	Longueur m			Tolérance
<b>CERCLE</b>							
12,50	-	55,00	1 300	3,00	-	4,00	IT h/k 11
55,01	-	120,00	2 500	3,00	-	4,00	IT h/k 11
120,01	-	140,00	2 500	3,00	-	5,00	IT h/k 14
<b>FORMÉ</b>							
140,01	-	203,20	2 200	2,00	-	5,00	IT h/k 11

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

**Semi-Finished Products:** Product Variant may differ in terms of melting process, technical data, delivery, and surface condition as well as available product dimensions. Please contact the business unit Semi Finished Products of voestalpine BÖHLER Edelstahl 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.*