



## Approved Manufacturer of Steel Plates, Strip, Sections & Bars

<b>Manufacturer</b>	<b>ALLEIMA TUBE AB</b>
<b>Address</b>	Storgatan 2, Sandviken, 811 81, Sweden
<b>Type</b>	Bars Semi-Finished Products Steel Making

This approval is subject to compliance with the Rules for the Manufacture, Testing and Certification of Materials. The full details of the processes and grades to which this approval applies are given on subsequent pages of this certificate.

This certificate is issued to the named manufacturer, and is valid until the expiry date specified. Lloyd's Register is to be notified of any change that may affect the validity of this certificate, and reserves the right to cancel or withdraw this certificate.



71 Fenchurch Street, London, EC3M 4BS, United Kingdom

**Lili Hou**

Lead Specialist to Lloyd's Register EMEA  
A member of the Lloyd's Register group

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<b>Steel making</b>	<b>E.A.F. / Con Cast</b>	<b>Grades</b>		
-	-	As below		
<b>Steel making</b>	<b>E.A.F. / Ingot</b>	<b>Grades</b>		
-	-	As below		
<b>Semi-Finished Products</b>	<b>Ingots (tonnes)</b>	<b>Grades</b>	<b>Maximum Weight</b>	<b>Units</b>
As cast	-	austenitic stainless	6.10	Tonnes
As cast	-	duplex stainless	6.10	Tonnes
<b>Semi-Finished Products</b>	<b>Billets</b>	<b>Grades</b>	<b>Maximum Thickness</b>	<b>Units</b>
As cast	-	austenitic stainless	150.00	mm
As cast	-	duplex stainless	150.00	mm
As Rolled	-	austenitic stainless	195.00	mm
As Rolled	-	duplex stainless	195.00	mm
<b>Semi-Finished Products</b>	<b>Bars</b>	<b>Grades</b>	<b>Maximum Diameter</b>	<b>Units</b>
As Rolled	-	duplex stainless	185.00	mm
As Rolled	-	austenitic stainless	185.00	mm
<b>Semi-Finished Products</b>	<b>Blooms</b>	<b>Grades</b>	<b>Maximum Thickness</b>	<b>Units</b>
As cast	-	duplex stainless	265.00	mm
As cast	-	austenitic stainless	265.00	mm
<b>Bars</b>	<b>Machinery</b>	<b>Grades</b>	<b>Maximum Thickness</b>	<b>Units</b>
Solution Treated	-	austenitic stainless	185.00	mm
Solution Treated	-	duplex stainless	185.00	mm
<b>Bars</b>	<b>Structural</b>	<b>Grades</b>	<b>Maximum Thickness</b>	<b>Units</b>
Solution Treated	-	austenitic stainless	185.00	mm



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Solution Treated - duplex stainless 185.00 mm

### Additional Remarks

Semi Finished Products austenitic and duplex stainless steel con-cast blooms with maximum thickness 265mm, maximum width 365mm; con-cast billets with maximum thickness and width 150mm x 150mm; as-rolled billets with maximum thickness and width 195mm x 195mm; Semi-finished as-rolled bars with maximum diameter 185mm;



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