


Buderus Edelstahl GmbH Buderusstraße 25, 35576 Wetzlar	<b>Buderus</b>   Edelstahl	
Company ISI Trading	Inspection certificate <b>EN 10204-3.1</b>	
	Certificate No. <b>298286/1</b>	
	Our Reference No. Pos. <b>511277            2</b>	
Stempel des Abnahmebeauftragten Inspectors Stamp		

Heat No.  
15600

Melting process	Electric steel
Casting method	Ingot casting
Material Grade	15N20
Steel gr.no.	2796
Production order	4290541
Shipment no./Date	6021770554/05.04.2018
Invoice No./Date	6035011718/19.04.2018

Material description : Hot rolled Strip skin passed in bars

Customer Order-No. : PO-000043

Specification : Tolerances acc. to DIN EN 10140

Analysis:  
C 0,70 - 0,80 %  
Si 0,20 - 0,35 %  
Mn 0,30 - 0,45 %  
P max. 0,018 %  
S max. 0,005 %  
Cr 0,05 - 0,25 %  
Ni 1,85 - 2,15 %  
Mo max. 0,03 %

Dimension : 4,953 x 400,00 mm (0.195 x 15.75")  
thickness tolerance +0,050 /-0,050 mm (+/- .002")  
width tolerance +4,68 /-0,00 mm (+.185/-0")  
length 1.219,20 mm (48") +12,00 / -0,00 mm (+.47/-0")

Chemistry Analysis (% - H [Hydrogen] in ppm)

15600	C	Si	Mn	P	S	Cr	Ni	Mo
	0.730	0.270	0.398	0.0085	0.0040	0.099	1.930	0.028

Hardness Piece

15600-A	Hardness after quench and temp:	63.8 HRC
15600-I	Hardness after quench and temp:	63.4 HRC

Hardness Test

C0541      hardness converted:            564.3 MPa

Annealed-Structure:

C0541            spherodized carbides:            98 %

We confirm, the material contains no radioactive contamination, that exceeds the natural values. The relevant legal requirements are kept.

Certificate is prepared by EDP-System and is valid without signature.

We hereby certify, the above mentioned material is in accordance with the terms of the order.

Approval & Certification	Manufacturer	Page 1 of 1
Wetzlar, 20.04.2018	Works inspector Kai-Lukas Lotz	Enclosures <input type="checkbox"/>