


Buderus Edelstahl GmbH Buderusstraße 25, 35576 Wetzlar		Buderus Edelstahl	
Company ISI Trading			
Inspection certificate EN 10204-3.1			Stempel des Abnahmebeauftragten Inspectors Stamp
Certificate No. 298287/1			
Our Reference No. Pos. 511277 3			

Heat No.
15600

Melting process	Electric steel
Casting method	Ingot casting
Material Grade	15N20
Steel gr.no.	2796
Production order	4290542
Shipment no./Date	6021770555/05.04.2018
Invoice No./Date	6035011718/19.04.2018

Material description	: Hot rolled Strip skin passed in bars
Finish	: 6,858 x 400,00 mm (0.270 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")

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 %

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	
C0542	hardness converted: 586.5 MPa

Annealed-Structure:	
C0542	spherodized carbides: 95 %

MASTER

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