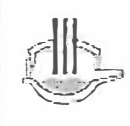


Buderus Edelstahl GmbH Buderusstraße 25, 35576 Wetzlar	Buderus Edelstahl	
NJSB TAG NO. 388	Inspection certificate EN 10204-3.1	
	Certificate No. 326598/1	
	Our Reference No. Pos. 513866 4	
Stempel des Abnahmebeauftragten Inspector's Stamp		

Heat No.
22709

Melting process	Electric steel
Casting method	Ingot casting
Material Grade	80CrV2
Steel gr.no.	2235
Production order	4326222
Shipment no./Date	6021760011/24.05.2019
Invoice No./Date	6035011784/28.05.2019

Material description : Hot rolled Strip skin passed in bars

Customer Order-No. : PO-00061

Specification : Analysis:
 C 0.75 - 0.85 %
 Si 0.15 - 0.35 %
 Mn 0.30 - 0.50 %
 P max. 0.025 %
 S max. 0.020 %
 Cr 0.40 - 0.60 %
 Ni max. 0.40 %
 Mo max. 0.10 %
 V 0.15 - 0.25 %

Dimension : 6,858 x 400,000 mm (0.27 x 15.75")
 thickness tolerance +0,075 /-0,075 mm (+/- .003")
 width tolerance +4,680 /-0,000 mm (+ .185 / -0")
 length 1.219,20 mm (48") +12,00 / -0,00 mm (+ .47/-0")

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

22709	C	Si	Mn	P	S	Cr	Ni	Mo
	0.768	0.293	0.393	0.0069	0.0010	0.498	0.109	0.032
	V							
	0.170							

Hardness Test

K6222 HBW: 672.4 MPa



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, 29.05.2019	Works inspector Kai-Lukas Lotz	Enclosures <input type="checkbox"/>