


Buderus Edelstahl GmbH Buderusstraße 25, 35576 Wetzlar		<h1>Buderus Edelstahl</h1>	
Company ISI Trading			
Inspection certificate EN 10204-3.1			Stempel des Abnahmebeauftragten Inspectors Stamp
Certificate No. 305709/1			
Our Reference No. Pos. 512507 1.			

Heat No.
18679

Melting process	Electric steel
Casting method	Ingot casting
Material Grade	X65Cr13 mod.
Steel gr.no.	4037 MOD.
Production order	4315537
Shipment no./Date	6021770675/20.07.2018
Invoice No./Date	6035011734/01.08.2018

Material description : Cold rolled Strip

Customer Order-No. : PO-000049 Pos. 1-4

Specification : Chemistry:

C:	0.66 - 0.70 %
Si:	0.30 - 0.50 %
Mn:	0.60 - 0.70 %
P:	max. 0.020 %
S:	max. 0.010 %
Cr:	12.70 - 13.30 %
V:	0.05 - 0.10 %
N:	0.10 - 0.12 %

tolerances acc. DIN EN 10140:2006
version A

Dimension : 2.794 x 380.00 x 1,219.2 mm, mill edges
(.110 x 14.96 x .48")

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

18679	C	Si	Mn	P	S	Cr	V	N
	0.671	0.350	0.650	0.0230	0.0010	13.060	0.100	0.1150

Hardness Piece

18679-1F	Hardness after quench and temp:	57.4 HRC
	E Härte zu Prüfstelle 2 infor:	56.0 HRC
18679-1K	Hardness after quench and temp:	58.0 HRC
	E Härte zu Prüfstelle 2 infor:	56.2 HRC

Hardness Test

K5537 hardness converted: 860.3 MPa

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, 02.08.2018	Kai-Lukas Lotz		Enclosures <input type="checkbox"/>