

Buderus Edelstahl GmbH  
Dillfeld 40, 35576 Wetzlar

**Buderus** | Edelstahl

**NJSB Tag No. 1823**

Inspection certificate  
**EN 10204-3.1**

Certificate No.  
**426671/1**

Our Reference No. Pos.  
**518665 3**



Stempel des  
Abnahmebeauftragten  
Inspectors Stamp

Heat No.  
**30539**

|                   |                       |
|-------------------|-----------------------|
| Melting process   | Electric steel        |
| Casting method    | Ingot casting         |
| Material Grade    | 15N20                 |
| Steel gr.no.      | 2796                  |
| Production order  | 4391941               |
| Shipment no./Date | 6021771816/17.05.2023 |
| Invoice No./Date  | 6035012045/15.06.2023 |

Material description : Hot rolled strip skin passed

Customer Order-No. : PO254

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 : 3,430 x 400,000 mm (.135 x 15.75")  
thickness tolerance +0,050 /-0,050 mm (+/- .002)  
width tolerance +4,680 /-0,000 mm (+ .184/-0 ")  
length 1.219,200 mm (48") +12,000 / -0,000 mm  
(+.472/-0 ")

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

|       |          |           |           |          |          |           |           |           |
|-------|----------|-----------|-----------|----------|----------|-----------|-----------|-----------|
| 30539 | <b>C</b> | <b>Si</b> | <b>Mn</b> | <b>P</b> | <b>S</b> | <b>Cr</b> | <b>Ni</b> | <b>Mo</b> |
|       | 0.724    | 0.240     | 0.384     | 0.0084   | 0.0050   | 0.101     | 1.930     | 0.012     |

Hardness Test

C1941 hardness converted: 567.8 MPa

Annealed-Structure:

C1941 spherodized carbides: 100 %

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

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