

Danny Fisher
RENFORCE MANUFACTURING LTD
RENISHAW COLLIERY
ECKINGTON
CHESTERFIELD S43 3YQ
UNITED KINGDOM

Document on Material Tests 2.2, DIN EN 10204

Certificate No.: 1001470002
Order No.: 4360261 item 4
Customer Order No.: 2931
Date: 13.07.2023
Shipping paper No.: 81587378 / 40



Customer No.: 890127

Page 1 of 1

Grade: N 2 A FREE CUTTING + Z
Customer Std. / Date: N2A FREE CUTTING+ Z 10.03.2014
Standard / Date:
Special.Custom. Std. / Date:

Dimension: 18.0 mm
Manufacturer Plant: DWW1 Ruhrort(EN
Tol.-Standard: DIN EN 10017

Melting Process: Oxygen steel
Casting Process: DS 160X160

Chemical analysis (heatanalysis)

Heat No.	%	C	SI	MN	P	S	CU	CR	NI	MO	AL	N	PB	SN
2023099676	Value	0,090	0,009	1,185	0,064	0,3050	0,018	0,049	0,020	0,003	0,003	0,0092	0,002	0,008

Weights

Heat No.	Number	Weight	Unit
2023099676	3	6,401	t

Mechanical tests

Heat No.	Test lot	Rm (MPa)	Z (%)
2023099676	200000067814	Value 453	45

This is to certify, that the test results are in accordance with the specification. All the goods provided meet all the requirements stated in EU RoHS (2002/95/EC)

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Valid without signature acc. to DIN EN 10204

Works expert
 Kluschewski, Tel. 0203/606-66141

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