

62993

NEW WEST  
PO 76995  
WO ~~3226~~ 5703  
4 F0E 40  
6.5" OD

Heat # 62993  
Tracer # T0752647

 DEUTSCHE NICKEL GMBH

Rosenweg 15, 58239 Schwerte, Germany ✓

Inspection Certificate  
EN 10204 - 3.1

Certificate No: 1013 / 2011

DEUTSCHE NICKEL AMERICA  
70 INDUSTRIAL ROAD  
USA - 02864 CUMBERLAND, RI

Order No.:  
203143 / 24.06.2011

Confirmation No.:  
80122973 / 8

Material: Silverin 400  
Mat. No.: 2.4380  
UNS N04400 ✓  
Form of delivery: bars  
Dimension: dja. 155,100 mm  
dia. 6.500" ✓

Specification: QQ-N-2810, Am42, CIA, Fm 1&2;  
ASTM B 164-03;  
ASME SB 164-07;  
ASTM B 564-10;  
ASME SB 564-07;  
AMS 4575 D-11;  
ISO 15156-3:2010 /  
NACE MR 0175 ✓

Condition: hot worked, stress relieved, turned

Net Weight:  
2128,50 kg  
4688,15 lbs

No. of pieces:  
3 bars

Heat No.:  
62993 ✓

MEASURED VALUES

Melting Composition (mass-%):

Al	Co	Cu	C	Fe	Co+Ni	Mn
0,055	0,025	32,11	0,13	1,99	64,16	1,20
Ni	Pb	P	Si	Sn	S	Ti
64,14	<0,005	0,005	0,240	<0,008	0,001	0,025
Zn						
<0,010						

Hardness HB	153 / 154
Yield strength 0,2% [PSI]	50800
Tensile strength [PSI]	83400
Elongation AL=4D [%]	39,0
Reduction of area [%]	75

COPY

Scanned  
10/19/2016  
JBB

Heat # 62993  
Tracer # T0752647



DEUTSCHE NICKEL GMBH  
Rosenweg 15, 58239 Schwerte, Germany

Inspection Certificate  
EN 10204 - 3.1

Certificate No: 1013 / 2011

DEUTSCHE NICKEL AMERICA  
70 INDUSTRIAL ROAD  
USA - 02864 CUMBERLAND, RI

Order-No.:  
203143 / 24.05.2011

Confirmation-No.:  
80132573 / 8

Melt Method: Induction Furnace  
Heat Treatment: 1022°F / 2h / AC

The material supplied is free from contamination of mercury and has not been weld repaired.  
The material was manufactured without the use of ozone-depleting chemicals.  
The reported results represent the actual attributes of the material furnished and indicate full compliance with all applicable specification and contract requirements.  
The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal Statutes.  
FAR/DAR 252.225-7014 A1 1 Compliant  
Country of Origin: Federal Republic of Germany

Our QM-system is certified by Lloyd's Register Quality Assurance in accordance to DIN EN ISO 9001, certificate no.: KLN 0922141  
Our EM-system is certified by Lloyd's Register Quality Assurance in accordance to DIN EN ISO 14001, certificate no.: KLN 4001026

Schwerte, 24.10.2011

QA Manager  
Martin B. Fumeter

Page 2

COPY

10197761