

SV  
*New West*  
**25995**

**Product Certification Report**

Report Number: **4581460**

Certified on Sep 21, 2010 Page 1 of 1

Order I.D. <b>1002127 021</b>	Order Date <b>8/09/10</b>	Commodity Code			
Dim 1 <b>3.7500</b>	Dim 2 <b>.0000</b>	Dim 3 <b>.0000</b>	Heat I.D. <b>251995</b>	Customer I.D. <b>002476</b>	Customer Purchase Order <b>008002857</b>
Product Shape <b>Rounds</b>		Product Surface <b>HR &amp; Rough Turned</b>			Customer Grade <b>316/316L</b>
Length (Inches) <b>132.000 Min. 156.000 Max.</b>			Bill of Lading # <b>412850</b>	Weight	

*JK*  
*2/31"*

*ML*

Lifts: 0042 0043 0044 0045

CONDITION A  
 ASTM 479-08  
 CHEMICAL ANALYSIS

**NACE MRO 175-05 ISO 15156**  
**EN 10272\_Feb. 2008**

ASTMA 276-08a

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	Co	N
.014	1.51	.029	.030	.53	16.69	10.16	2.00	.46	.10	.06

BRINELL HARDNESS ASTM E10-08  
 HBW  
 174

TENSILE PROPERTIES ASTM E8-08  
 TS (PSI) .2%YS (PSI) 1%Y.S. (PSI) %EL(2") %EL(5d) %RA  
 85700 39300 41100 61.6 59.0 74.3

MACRO ASTM E340-00/E381-01  
 MACRO  
 OK  
 OK

GRAIN SIZE ASTM E112-96  
 GRAIN SIZE Etchant Magnification X  
 8 Oxalic 100

ASTMA 262-10 PR E(A Utilized)  
 OXALIC Etchant Magnification X  
 OK Oxalic 500

ASTM A 262-10 (Prac E)  
 BEND TEST  
 OK

Heated to 1900F min. and water quenched (heating time & temp appropriate for optimum quality).  
 Chemical testing performed to one or more of the following ASTM methods: E415-08, E572-02a, E1019-08, E1085-95.  
 Location of tensile fracture: inside middle of gage length.  
 Chemical Analysis performed at Acciaierie Valbruna, Italy.  
 No mercury or low melting alloy contamination. No weld repair.  
 Material melted in Italy, manufactured in the United States.  
 Material conforms to listed specifications and is DFARS compliant.  
 Quality system is compliant with ISO 9001:2000. Produced in accordance with **EN 10204 3.1**

**COPY**

*ML*

**EN 10204 3.1**

Results relate only to the items tested. Certification shall not be reproduced except in full, without written approval  
 The recording of false, fictitious, or fraudulent statements on this document may be punished as a felony  
 under federal statutes, including Federal law, Title 18, Chapter 47. Consult material safety data sheet (MSDS) for hazard info.  
 I hereby certify that the reported figures are correct as contained in the records of the corporation.

Manager Laboratory Services

*Dennis Hackett*

Dennis Hackett

*10/21/10*