

**CERTIFICATO DI CONTROLLO** Inspection Certif N. 004159 Date 13/01/2017

Secondo According to . . . . . EN 10204:2004 3.1

**CLIENTE - Customer**

OLARRA U.K. LTD  
 FOREST PARK  
 NR KIDDERMINSTER WORCS DY149BD  
 CLEOBURY MORTIMER

**ORDINE - Order** D.d.T. - Delivery note  
 N. RO2879 Date 1/06/2016 N. 00297/13 Date 13/01/2017

**Weight** KG 650,00 **Odp. Nr.** 2016/A/53378  
**Tolerance** EN10278 h11 + 0,000 - 0,110 mm **Bars Length** 3.000 - 3.050 mm

**QUALITA' - Grade**  
 STANDARD EN 10088-3:2014 X2CrNiMo17-12-2 +2H 1.4404/316L  
 STANDARD EN 10088-3:2014 X5CrNiMo17-12-2 +2H 1.4401/316

**Mark RODACCIAI** . . . . . 316 PLUS

**COLATA - Heat** . . . . . E61119

**PROFILO - Shape** . . . . . HEXAGON  
**DIMENSIONE - Size** . . . . . mm 11,11  
**ESECUZIONE - Form of delivery** . . . . . COLD DRAWN

**ANALISI CHIMICA DI COLATA - Cast analysis % by mass**

C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co
0,018	1,580	0,501	0,0260	0,032	16,820	10,070	2,060	0,549	0,219
N									
0,0520									

**CARATTERISTICHE MECCANICHE ALLO STATO DI FORNITURA**  
 Mechanical properties of the delivered material

		Tested
Tensile Strength	Rm (MPa)	753,5
Proof Stress	Rp (1) (MPa)	728,8
Proof Stress	Rp (0,2) (MPa)	634,4
Elongation	A 5 (%)	33,0
Hardness	HBW	231,0
Reduction of area	Z (%)	68,9

**NOTE - Notes**

Analysis According to: ASTM A182-14b - ASTM A276-15  
 ASME SA479-14 - ASTM A479-14 - ASME SA276-15 - ASMESA182-14b  
 Nace MR0175-2009 NACE MR0103 2010 ASTM A484-14a  
 MECAMAX

Pag. 1 / Segue