

**CERTIFICATO DI CONTROLLO** Inspection Certif N. 011876 Date 27/01/2017

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. RO2909 Date 22/07/2016 N. 00893/13 Date 27/01/2017

**Weight** KG 2.150,00 **Odp. Nr.** 2016/A/51986  
**Tolerance** EN10278 h11 + 0,000 - 0,130 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** . . . . . 421974

**PROFILO - Shape** . . . . . HEXAGON  
**DIMENSIONE - Size** . . . . . mm 18,03  
**ESECUZIONE - Form of delivery** . . . . . COLD DRAWN

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

C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co
0,025	1,670	0,310	0,0280	0,037	16,600	10,100	2,050	0,320	0,160
<b>N</b>									
0,0375									

**CARATTERISTICHE MECCANICHE ALLO STATO DI FORNITURA**

Mechanical properties of the delivered material

		Tested
Tensile Strength	Rm (MPa)	805,0
Proof Stress	Rp (1) (MPa)	766,0
Proof Stress	Rp (0,2) (MPa)	678,0
Elongation	A 5 (%)	37,9
Hardness	HBW	244,0
Hardness	HRC	22,5
Reduction of area	Z (%)	62,0
Impact value	KV+20°C Joule	171,0

**NOTE - Notes**

Surface quality :(crack test) "class 2"  
 according to EN 10277-1:2008