

**CERTIFICATO DI CONTROLLO** Inspection Certif N. 038653 Date 14/03/2017

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

**CLIENTE - Customer**

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

FLOW TECHNOLOGY LTD  
 TEST CERTIFICATE  
 VERIFIED TRUE  
 COPY OF ORIGINAL

**ORDINE - Order** N. RO2909 **Date** 22/07/2016 **D.d.T. - Delivery note** N. 03042/13 **Date** 14/03/2017

**Weight** KG 240,00 **Odp. Nr.** 2016/A/37332  
**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** . . . . . 409375

**PROFILO - Shape** . . . . . HEXAGON  
**DIMENSIONE - Size** . . . . . mm 20,63  
**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	1,540	0,390	0,0290	0,034	16,500	10,150	2,020	0,380	0,220
N									
0,0335									

**CARATTERISTICHE MECCANICHE ALLO STATO DI FORNITURA**

Mechanical properties of the delivered material

		Tested
Tensile Strength	Rm (MPa)	773,0
Proof Stress	Rp (1) (MPa)	747,0
Proof Stress	Rp (0,2) (MPa)	656,0
Elongation	A 5 (%)	32,0
Hardness	HBW	238,0
Reduction of area	Z (%)	61,3

**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

362943

**Segue certificato di controllo**  
Inspection Certificate's continuance

N. 038653 Date 14/03/2017

**NOTE - Notes**

**Surface quality condition 2H conforming also to EN 10277 class 2**

We certify hereby, that the above mentioned products are consistent with the order prescriptions.  
This certificate was generated by data system acc. to EN 10204, it is not necessary to be signed for validity.

Materiale conforme alle seguenti direttive/regolamenti europei:  
· 76/769/CEE e successive modifiche  
· 2000/53/CE, 2002/525/CE, 2005/673, 2008/33/CE e 2008/112/CE  
relative ai veicoli fuori uso (ELV)  
· 2006/117 Contaminazione radioattiva  
· Reach (EC 1907/2006 - 1272/2008 - EU 848/2012) e Allegato XVII  
24 giugno 2016 e SVHC aggiornata al 17/01/2017  
- Canadian list 168 aggiornata al 17/12/2015  
· ROHS: 2002/95/CE e successive modifiche  
Materiale conforme a Dodd-Frank Act relativo a minerali provenienti dalle zone dei conflitti.

Material conforming to the following European directives/regulations:  
· 76/769/EEC and following amendments  
· 2000/53/EC, 2002/525/EC, 2005/673, 2008/33/EC and 2008/112/EC  
on end-of-life vehicles (ELV)  
· 2006/117 Radioactive Contamination  
· Reach (EC 1907/2006 - 1272/2008 - EU 848/2012) e enclosed XVII  
24 June 2016 and SVHC updated on 17/01/2017  
- Canadian list 168 updated on 17/12/2015  
· ROHS 2002/95/CE and following amendments  
Material conforming to Dodd-Frank Act related to conflict minerals.