

R.E.A: 430970

Capitale Sociale € 1.300.000,00 i.v P.lva/C.F.: IT 02212660985 TDM BRASS S.r.I

Via Artigiani, 5/9 25030 Maclodio (BS) Italy Tel. +39 030 9972217 Fax +39 030 9787089

www.tdmbrass.it E.mail: info@tdmbrass.it





Maclodio, 31/10/2019

DECLARATION OF ORIGIN OF THE PRODUCT

I, the undersigned **DELAINI NADIA**, legal representative of the company **TDM BRASS SRL** with registered office in **5/9 VIA ARTIGIANI**, **MACLODIO** (**PROVINCE OF BRESCIA**), **25030 – ITALY**, listed in the Business Register of Brescia at n. 02212660985, tax code and VAT number **IT02212660985**,

HEREBY DECLARE THAT:

1. The material used to manufacture our products is composed of:

Element	Quantity as a %
Pb-(Lead)	1,6 -2,2%
Al-(Aluminum)	≤0,05%
Fe-(Iron)	≤0,3%
Ni-(Nickel)	≤0,1%
Sn-(Tin)	≤0,3%
Other elements	≤0,2%

These levels comply with DIN 50930 T6, therefore all goods that we produce can be exported in all EU countries.

- 2. All our goods are **Made in Italy**.
- 3. Starting from August 1st, 1998 all our fittings are obtained from brass bars in accordance with what is established by the following European regulations:

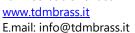
European Regulation	Alloy	Type of bar
UNI EN 12164	Euro CW617N	Bars for turning (drawing)
UNI EN 12165	Euro CW617N	Bars for molding (extrusion)
UNI EN12168	Euro CW617N	Hollow bars for turning





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The European Committee of Standardization **CEN**, along with its Technical Body for copper and copper alloys **CEN/TC 133** and with the Italian national association for unification **UNI**, has definitively approved the following European regulations concerning leaded brass materials in bars, wires, and section bars.

European Regulation	Type of use
UNI EN 12163	Copper and copper alloys – Bars for general use
UNI EN 12164	Copper and copper alloys - Bars for turning
UNI EN 12165	Copper and copper alloys – Bars for molding
UNI EN 12166	Copper and copper alloys – Wires for general use
UNI EN 12167	Copper and copper alloys – Section and flat bars for general use
UNI EN 12168	Copper and copper alloys – Hollow bars for turning

4. Starting from August 1st, 1998 standard bars for turning and molding are realized in compliance with the new regulation **UNI 5705-65** concerning "NEW ALLOYS FOR LEAD BRASS BARS FOR TURNING AND HOT MOLDING":

European	Alloy	Cu	Pb	Sn	Fe	Ni	Al	Si	Zn	Other
Regulation										elements
UNI EN	Euro	57-	1,6-2,2%	≤0,3%	≤0,3%	≤0,1%	/	≤0,03%	Diff.	≤0,2%
12164-68	CW617N	59%								
UNI EN	Euro	57-	1,6-2,2%	≤0,3%	≤0,3%	≤0,1%	≤0,05%	≤0,03%	Diff.	≤0,2%
12165	CW617N	59%								

The quantity of impurities contained in the new alloy is much less than that allowed by the previous regulation. This results in a significant quality improvement and brings Italian products into alignment with European standards.

- 5. The efficiency of our material is guaranteed up to 10 Bars.
- 6. After tightening, it is possible to apply a force equal to 20 N.
- 7. TDM BRASS SRL has taken out a specific insurance policy with VITTORIA ASSICURAZIONI S.p.A. in order to cover civil liability deriving from damages caused by defective products.



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We attach n. 2 certifications of our raw material suppliers and n. 1 certification of quality **UNI EN ISO 9001:2015.**

Faithfully,

THE LEGAL REPRESENTATIVE OF THE COMPANY TDM BRAS SRL

MS. DELAINI NADIA



