

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 1<sup>st</sup>, 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

R.E.A: 430970  
Capitale Sociale € 1.300.000,00 i.v  
P.Iva/C.F.: IT 02212660985

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

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**

