## Impossible screw

The magician holds a double headed bolt, having the two threaded pivots of different dimension: one is bigger and the other is smaller. Now he threads one nut on the small pivot and then on the bigger one... the IMPOSSIBLE thing is that he always uses the same nut! In the end he hands the two pieces to a spectator asking him to do the same... obviously he won't manage to!

- No skill required, it can be repeated immediately.
- The item is made of brass, everything can be examined.
- When the nut is screwed on one of the two pivots, the bolt is $\mathrm{cm} 4,5$ long (in. 2) and its diameter is 1 cm .

