

OSM/IN DECISION

Standard: EN 60309-2:1999 + A1:2007	Sub clause: 16.101 – 17.101	Sheet N°: OSM/IN 244
Subject: Construction of pins of plugs and appliance inlets	Key words: - pin - electroplated coating	Meeting N°: 19 (2009) Item: 3.4 d)

Question: According to sub-clauses 16.101 and 17.101 pins shall be solid.
Is the pin construction indicated in Fig. C below acceptable?

Fig. A (part of pin made of steel)

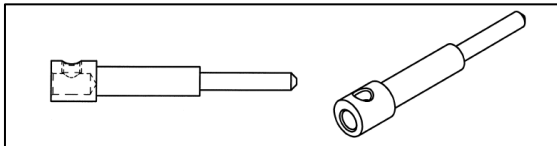
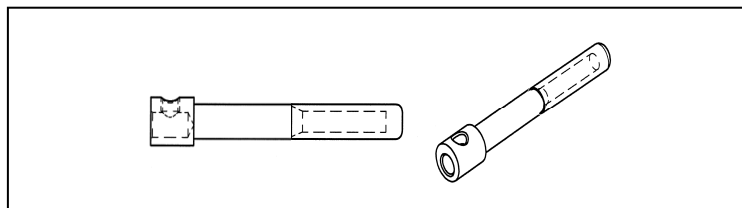


Fig. B (part of pin made of brass)



Fig. C (complete pin unit composed by Fig A + Fig. B, coupled in indivisible way, and provided with an adequate electroplated coating)



Decision: No. Pins shall be solid i.e. made of a single homogenous material without any intentional hole, slot, slit or the like.

This requirements is applicable for the pin parts described by:

- h_2 and h_3 of Standard sheet 2-II;
- h_2 of Standard Sheet 2-IV;
- h_2 and h_5 of Standard Sheet 2-Iva;
- dimension of the pin 20,5 (0, -1) of Standard Sheet 2-IX and 2-IXa.”

Explanatory notes: The request for interpretation received by OSM/IN regarding construction of pin (OSM-IN/TC-Letter/CLC-BTWG 112-1-005) was discussed during the IEC/SC 23H/MT7 meeting held on 17th and 18th November 2008 in São Paulo, Brazil (item 5 of unconfirmed minutes, doc. 23H/MT7/Conv0067).

IEC/SC 23H/MT7 agreed to modify clause 16.101 of IEC 60309-2 as written in the text of this decision in order to clarify the situation.

This decision has been ratified during the IEC/SC 23H meeting held in São Paulo, Brazil, on 18th November 2008 and will be included, together with other clarifications and /or proposals of modifications, in a complete document for the next revision of standards IEC 60309-1 and IEC 60309-2 (item 8 of unconfirmed minutes, doc. 23H/209/RM).