

FRICION PLUG WELDING METHOD FOR A HOLE IN A METAL PART,
USE OF A RESTRAINT PART AND A SUPPORTING PART FOR
IMPLEMENTING THE METHOD

ABSTRACT

The invention relates to a friction plug welding method for a hole (2) in a metal part (1), opening out onto a front surface (1') and a back surface (1'') of the part (1), in which a rotational metal bar (3) is inserted into the hole (2), on its front side, to be friction welded. The method according to the invention is characterised in that a restraint part (5), comprising a cavity (6), is placed on the back side of the part (1) during friction welding.

The method according to the invention authorises the welding of fast softening materials whilst ensuring a support for the weld mix.

Figure 1