

Jig Design for Window Frame Welding of Rail-Borne Door Systems

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Article deals with design of jig for welding of rail-borne door system on the basis of model and drawing of window frame. Using this jig is ensured right setting and reliable clamping of two bent profiles. By welding of these profiles is made a window frame of automatic door systems for rail-bornes. TIG method is used for welding. Article describes and explains setting and clamping of window frame into jig. Design of control jig for window frames of similar type is embodied in text too. Control jig helps by dimension measurement of window frames.

Keywords: welding, jig, basic frame, basic board, clamp

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