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THE CONSTRUCTIVE OPTIMIZING OF A MODULAR SUBSET THROUGH SIMULATION USING THE FINITE ELEMENT METHOD

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Abstract

The modular elements devices are more and more used within flexible production. The use of simulation by the finite element method allows settling the processing accuracy of such equipments since the designing level. This work presents a method of constructive optimizing of the adjustable modular tool guiding system (the bushing holder frame) through simulation with the finite element, practically applied in the case of processing five holes.

Keywords

modular elements, simulation, MEF, holes processing, flexible production