

Abstract

A process for setting up workpieces for the manufacture of flow-guiding components for compressors or turbines, in particular for vanes of gas turbines, steam turbines, or engines, is suggested, in which the workpieces (3) for the flow-guiding components to be manufactured are clamped in a workpiece clamping fixture (8, 18) outside of the machine tool (1), in order that they are subsequently loaded into the machine tool, in which they are shaped by milling. In order to provide high workpiece throughput per machine tool for flow-guiding components with such complicated shapes, the workpiece (3) is to be inserted into a clamping fixture (8, 18) outside of the machine tool in a first setup, the workpiece clamped in the clamping fixture (8, 18) automatically, and subsequently loaded into the machine tool (1), together with the clamping fixture (8, 18), by a mechanical handling process. Further, the workpiece, together with its clamping fixture (8, 18) is to be removed from the machine tool by another mechanical handling process, automatically inserted into a clamping fixture (8, 18) for a second setup, different from the first setup, and then loaded into a machine tool, together with the clamping fixture, for further processing.

(Fig. 1)