

Clamping Arrangement

Abstract

5 The invention relates to a clamping arrangement with a clamping device (1) which is able to be fastened on a clamping base, and with a clamping element (26) able to be tightened thereon. The clamping device (1) has a clamping module (2), provided with clamping members (15), which is able to be fixed by means of a fixing element (3) on the clamping base, wherein the fixing element (3) is
10 configured such that the clamping module (2) is thus fixed in the X-Y plane in a floating manner on the clamping base. The clamping module (2) is displaceable in the fixed state of the fixing element (3) with respect to the fixing element (3) in the X-Y plane, but is non-displaceable in Z-direction, wherein the fixing element (3) is provided with Z-support surfaces (24) for the clamping element (26). Such a
15 clamping arrangement is suitable in a particularly advantageous manner as a module for constructing a large clamping system, with which thermally caused dimension changes of the workpiece carrier with respect to the clamping base can be equalized with high repeat accuracy, without the clamping system being overconstrained geometrically/mechanically in the X-Y plane.

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(Fig. 1)