

Title (en)

MACHINE FOR PRODUCING KEYWAYS OR SIMILAR RECESSES

Title (de)

MASCHINE ZUM HERSTELLEN VON NUTEN ODER DERGLEICHEN VERTIEFUNGEN

Title (fr)

MACHINE DE FABRICATION DE RAINURES OU DE RENFORCEMENTS SIMILAIRES

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Application

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Abstract (en)

[origin: WO2010121636A1] The invention relates to a tool unit (1) for producing keyways (N) or similar recesses in or on a workpiece (W), in particular for a keyway broaching machine, with at least one broach (2) moving periodically up and down in the longitudinal direction (L) of the tool and having a number of cutting edges (3), and with at least one guide rod, which extends in the longitudinal direction (L) of the tool and has a feeding wedge (5). This tool unit is characterized in that the feeding wedge (5) is arranged on the front side of the guide rod (4), facing the broach (2), and operates on a wedge-shaped feeding face (6) of the broach (2) arranged on the rear side of the broach (2), wherein the broach (2) and the guide rod (4) can be moved up and down together in the longitudinal direction (L) during a working stroke and wherein the broach (2) and the guide rod (4) can be displaced in relation to each other in the longitudinal direction (L) in the course of the feeding.

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