

Title (en)

MACHINING TOOL WITH A MULTIPART CUTTING HEAD

Title (de)

ZERSPANUNGSWERKZEUG MIT MEHRTEILIGEM SCHNEIDKOPF

Title (fr)

OUTIL D'USINAGE DOTÉ D'UNE TÊTE DE COUPE À PLUSIEURS PARTIES

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Application

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Abstract (en)

[origin: WO2022223127A1] The invention relates to a tool blank (30) for a machining tool (1), such as a milling cutter, drill, or graver for example, comprising a tool shaft (2) which is designed to be received in a rotating tool receiving area of a working machine and comprising a cutting head blank (3) which is rigidly connected to the tool shaft (2). The cutting head blank (3) comprises multiple cutting head blank elements (5) which are rigidly connected together, preferably cutting head blank elements which are soldered together, and which are made of an extremely hard material, such as polycrystalline diamond in particular. The invention additionally relates to a machining tool (1), such as a milling cutter, drill, or graver for example, in which at least one tool blade (15) that extends over a plurality of cutting head blank elements of the cutting head blank elements (5) rigidly connected to one another is attached to a tool blank (30) according to the invention. The invention additionally relates to a method for producing a tool blank and to a method for producing a machining tool.

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