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The invention relates to the mechanical engineering technology, in particular to the machining of metal parts with geometric shapes hard-to-machine by cutting.

The abrasive tool is made in the form of a disk and contains coarse-grained (1) an fine-grained (2) abrasive sections, which are pairwise divided by an abrasive section with a lower hardness (3) than the hardness of the coarse-grained (1) and fine-grained (2) abrasive sections. The abrasive sections are interconnected, to the center of the tool, by means of an abrasive circle with a lower hardness, and the lengths of the arcs of circles of the coarse-grained (1) and fine-grained (2) abrasive sections are equal and twice greater than the length of the arc of circle of the abrasive section with a lower hardness (3). The fine-grained abrasive section (2) is made of abrasive flour grain, the coarse-grained section (1) − of abrasive grain, and the abrasive section with lower hardness (3) − of abrasive powder. The hardness of abrasives is selected depending on the hardness of the workpiece material.

Claims: 3
Fig.: 4