

This invention relates to drilling wells, in particular, to liquidation of failures, to repair and re-activation of deep oil and gas wells. The drill cutter has housing with washing channels and slots, the cutting surface is made as concave-convex, with central boss. The last one is conjugated with the circular depression. Its base is reinforced by cutters with larger cutting ability than that of the cutters placed on the central boss. The circular depression of the cutting surface is filled with wear-proof composite material to height larger than the height of the cutter tools displacement. In the basis of the circular depression a ring is fixed, this is reinforced with the cutters with cutting ability equal or larger than that of the cutters placed at the other part of the base of the circular depression. The washing channels go out to the basis of the circular depression. At operation the cutter provides absence of transverse dynamical vibrations, decrease of wear and destruction of the cutters, possibility to use the cutters made of more wear-proof materials, increase of the area of the cutter equipment with cutting tools, effective cooling of cutting tools. Due to that productivity of milling is increased and the cutter operation durability in the pit-face.