

DRILL HEAD FOR DEEP HOLE MACHINING

Abstract

5 The invention provides a drill head for deep hole machining capable of raising circularity and straightness of a hole and improving precision of hole machining.

 In the drill head for deep hole machining constituted by fixing a cutting blade 2 to a tip surface of a head body 1 and
10 fixing guide pads 3 and 4 to a periphery of a tip of the head body 1, the length L_m of a margin 6, which is formed at a tip side of a periphery of the cutting blade 2 in a drill rotating direction, in an axis direction is made substantially the same as the length L_p of the guide pads 3 and 4 in the axis direction,
15 and a top end and rear end of the margin 6 are substantially aligned with a top end and rear end of the guide pads 3 and 4, respectively, in a circumference direction.