What is claimed is:

1. A drill bit used to form a hole by machining a portion to be processed of a workpiece material by means of drilling while a lubricant material for assisting machining process is in contact with the portion to be processed, the drill bit comprising:

at least one cutting edge; and

a face positioned in a vicinity of the cutting edge, wherein:

on the face, a recess exhibiting a prescribed planar shape is provided;

the recess is set to have a maximum depth of 0.05 mm or more and 0.15 mm or less;

the recess is a substantially linear groove formed substantially parallel to the cutting edge;

a dimension between the cutting edge and the groove is set to be 0.25 mm or more and 0.43 mm or less; and

the groove is set to have an average width of 0.23 mm or more and 0.30 mm or less.

2. The drill bit according to claim 1, wherein:

the face includes a leading flank adjacent to the cutting edge; and

the recess is provided on the leading flank.

3. The drill bit according to claim 1 or 2, wherein: