WHAT IS CLAIMED IS:

1. A mount flange for mounting a cutting blade on a spindle, said cutting blade having a central engaging hole and a peripheral cutting edge, said mount flange comprising:

a cylindrical boss portion having a front portion adapted to be inserted into said engaging hole of said cutting blade and a rear portion whose inner circumferential surface is adapted to be engaged with said spindle; and

a flange portion projecting radially outward from said rear portion of said boss portion and having a front surface functioning as a mounting surface adapted to come into abutment against one side surface of said cutting blade;

wherein an annular space is formed in said mount flange at the rear portion of the cylindrical boss portion so as to surround said spindle, said annular space being enclosed on a side by a rear-most portion of the cylindrical boss portion, the annular space being open to the inner circumferential surface of said boss portion, thereby suppressing rearward warpage of an outer circumference of said flange portion due to the rotation of said spindle.

2. The mount flange according to claim 1, wherein a first suction passage is formed in said spindle, and a second suction passage is formed in said mount flange so as to be open to said front surface of said flange portion, said second suction passage being connected to said first suction passage when said mount flange is fixed to said spindle.