WHAT IS CLAIMED IS:

1. A method of manufacturing a grinding wheel, comprising:

a surface unevenness forming step of applying ultrasonic vibrations from an ultrasonic vibration applying unit through water to an annular slot defined in a surface of an annular base along circumferential directions thereof, thereby forming surface unevenness on either one or both of a side surface and a bottom surface of the annular slot; and

after the surface unevenness forming step, a grindstone fixing step of fixing a plurality of grindstones to the annular slot with an adhesive.

2. A grinding wheel comprising:

an annular base having an annular slot defined in a surface thereof along circumferential directions thereof; and

a plurality of grindstones fixed to the annular slot by an adhesive, wherein

the annular slot is defined by a side surface having first surface unevenness that are periodic in thicknesswise directions perpendicular to the circumferential directions,

the annular slot is defined by a bottom surface having second surface unevenness that are periodic in radial directions perpendicular to the circumferential

directions and the thicknesswise directions, and

either one or both of the side surface and the bottom surface of the annular slot have third surface unevenness having a depth smaller than that of the first surface unevenness and the second surface unevenness.