DISK SUBSTRATE INTERMEDIATE PRODUCT, MANUFACTURING PROCESS THEREOF, AND GRINDING MACHINE

Abstract of the Disclosure

It is provided an intermediate product of a disk substrate which has highly accurate flatness and surface roughness, is free from surface defect such as pits, and can be manufactured at a low cost, a process of manufacturing thereof, and a grinding machine. A working surface plate 2 is formed by solidifying abrasive grains, and arranged in such a manner that the center of rotation P of the work surface plate 6 is on the circumference of the working surface plate 2. Then, grinding is performed by relatively sliding the working surface plate 2 and the work surface plate 6 so that loci of contact area 20 of the working surface plate 2 to a disk substrate 30 on the work surface plate 6 are uniform.

Figure 2