WHAT IS CLAIMED IS:

1. A chuck table comprising:

a first holding part with a first holding surface and a second holding part with a second holding surface that each have a same shape and are parallel to each other; and

a reference surface that surrounds each of the first holding surface and the second holding surface in plan view and is parallel to the first holding surface and the second holding surface, wherein

the chuck table is configured to hold each of workpieces by a respective one of the first holding surface and the second holding surface,

the first holding surface and the second holding surface are disposed in such a manner that heights from the reference surface are in increasing order along a first direction parallel to each of the first holding surface and the second holding surface,

the first holding part is formed such that the height of the first holding surface above the reference surface is fixed at a first height,

the second holding part is formed such that the height of the second holding surface above the reference surface is fixed at a second height, and

the second height is greater than the first height, wherein, when the second height is greater than the first height, a bottom surface of the first holding part, and a bottom surface of the second holding part are on a common plane, wherein the common plane is parallel to the reference surface.

2. A grinding method for workpieces in which the workpieces are ground by using a grinding apparatus,

the grinding apparatus including

a chuck table including a first holding part with a first holding surface and a second holding part with a second holding surface that each have a same shape and are parallel to each other and a reference surface that surrounds each of the first holding surface and the second holding surface in plan view and is parallel to the first holding surface and the second holding surface, and being configured to hold each of the workpieces by a respective one of the first holding surface and the second holding surface,

a grinding unit having a spindle with a tip part on which a grinding wheel in which multiple grinding abrasive stones are annularly disposed is mounted,

a first movement mechanism that

relatively moves the chuck table and the grinding unit along a first direction, and

a second movement mechanism that relatively moves the chuck table and the grinding unit along a second direction perpendicular to each of the reference surface, the first holding surface, and the second holding surface,

the first holding surface and the second holding surface being disposed in such a manner that heights from the reference surface are in increasing order along the first direction parallel to each of the first holding surface and the second holding surface, wherein the first holding part is formed such that the height of the first holding surface above the reference surface is fixed at a first height, the second holding part is formed such that the height of the second holding surface above the reference surface is fixed at a second height, and the second height is greater than the first height, wherein, when the second height is greater than the first height, a bottom surface of the first holding part, and a bottom surface of the second holding part are on a common plane, wherein the common plane is parallel to the reference surface, the grinding method comprising:

a holding step of causing each of the workpieces

to be held by the respective one of the first holding surface and the second holding surface; and

a grinding step of, after the holding step, grinding the workpieces by relatively moving the chuck table and the grinding unit along the first direction and bringing the multiple grinding abrasive stones that rotate into contact with the workpieces each held by the respective one of the first holding surface and the second holding surface while widening an interval between the reference surface and the multiple grinding abrasive stones along the second direction in a stepwise manner to cause the workpieces each held by the respective one of the first holding surface and the second holding surface to have a predetermined finished thickness.

3. A grinding method for workpieces in which the workpieces are ground by using a grinding apparatus,

the grinding apparatus including

a chuck table including a first holding part with a first holding surface and a second holding part with a second holding surface that each have a same shape and are parallel to each other and a reference surface that surrounds each of the first holding surface and the second holding surface in plan view and is parallel to the first holding surface and the second

holding surface, and being configured to hold each of the workpieces by a respective one of the first holding surface and the second holding surface,

a grinding unit having a spindle with a tip part on which a grinding wheel for the chuck table in which multiple grinding abrasive stones for the chuck table are annularly disposed or a grinding wheel for the workpiece in which multiple grinding abrasive stones for the workpiece are annularly disposed is mounted,

a first movement mechanism that relatively moves the chuck table and the grinding unit along a first direction parallel to each of the reference surface, the first holding surface, and the second holding surface, and

a second movement mechanism that relatively moves the chuck table and the grinding unit along a second direction perpendicular to each of the reference surface, the first holding surface, and the second holding surface, the grinding method comprising:

a holding surface grinding step of grinding the first holding part and the second holding part of the chuck table by relatively moving the chuck table and the grinding unit in which the grinding wheel for the chuck table is mounted on the tip part of the spindle along the

first direction and bringing the multiple grinding abrasive stones for the chuck table that rotate into contact with the first holding part and the second holding part while widening an interval between the reference surface and the multiple grinding abrasive stones for the chuck table along the second direction in a stepwise manner to form the first holding surface which is fixed at a first height and the second holding surface which is fixed at a second height such that the second height is greater than the first height and the heights of the first holding surface and the second holding surface from the reference surface increase along the first direction, wherein, when the second height is greater than the first height, a bottom surface of the first holding part, and a bottom surface of the second holding part are on a common plane, wherein the common plane is parallel to the reference surface;

a holding step of causing each of the workpieces to be held by the respective one of the first holding surface and the second holding surface after the holding surface grinding step; and

a grinding step of, after the holding step, grinding the workpieces by relatively moving the chuck table and the grinding unit in which the grinding wheel

for the workpiece is mounted on the tip part of the spindle, along the first direction, and bringing the multiple grinding abrasive stones for the workpiece that rotate into contact with the workpieces each held by the respective one of the first holding surface and the second holding surface while widening an interval between the reference surface and the multiple grinding abrasive stones for the workpiece along the second direction in a stepwise manner to cause the workpieces each held by the respective one of the first holding surface and the second holding surface to have a predetermined finished thickness.