WHAT IS CLAIMED IS:

1. A dividing method of a workpiece, in which the workpiece that is segmented into a plurality of regions by a plurality of first planned dividing lines each extending along a first direction and a plurality of second planned dividing lines each extending along a second direction intersecting the first direction and has a device formed on a side of a front surface of each of the plurality of regions is divided by a cutting blade from a side of a back surface of the workpiece along each of the plurality of first planned dividing lines and each of the plurality of second planned dividing lines, the dividing method comprising:

a first work unit forming step of forming a first work unit in which the workpiece and a first annular frame are integrated by sticking a first tape with anisotropy in a stretch rate when a predetermined force is applied to the first tape to the first annular frame in such a manner as to cover an opening of the first annular frame and sticking the first tape to the front surface of the workpiece;

a holding step of holding a side of the first tape of the first work unit by a holding table and exposing the back surface of the workpiece after the first work unit forming step; and

a dividing step of dividing the workpiece by the

cutting blade from the side of the back surface along each of the plurality of first planned dividing lines and each of the plurality of second planned dividing lines after the holding step; and

after the dividing step, a second work unit forming step of forming a second work unit in which the workpiece and a second annular frame having an outer edge at which a frame cutout is formed are integrated by separating the first tape from the workpiece after sticking a second tape to the second annular frame in such a manner as to cover an opening of the second annular frame and sticking the second tape to the back surface of the workpiece, wherein

a notch or an orientation flat for indicating a crystal orientation is formed at an outer edge of the workpiece, and,

in the second work unit forming step, the second tape sticking to the second annular frame is stuck to the back surface of the workpiece in such a manner that an angle formed by a direction from a center of the workpiece toward the notch or the orientation flat and a direction indicated by the frame cutout is 0°, 90°, 180°, or 270°,

wherein, in the first work unit forming step, the first tape is stuck to the front surface of the workpiece in such a manner that a third direction in which the

stretch rate becomes the lowest when the predetermined force is applied to the first tape is non-parallel to both the first direction and the second direction.

2. The dividing method of the workpiece according to claim 1, wherein

the first direction is orthogonal to the second direction, and,

in the first work unit forming step, the first tape is stuck to the front surface of the workpiece in such a manner that an angle formed by a straight line along the third direction and each of a straight line along the first direction and a straight line along the second direction is 45 degrees.

3. The dividing method of the workpiece according to claim 2, wherein

the second annular frame has an outer edge including a straight line part and a pair of frame cutouts formed between the straight line part and circular arc parts adjacent to the straight line part,

the pair of frame cutouts including a first frame cutout that cuts out the outer edge of the second annular frame with an acute angle and a second frame cutout that cuts out the outer edge of the second annular frame with a right angle.