

ABSTRACT

An aspherical surface processing method involves a workpiece to be processed by rotating around a rotation axis, and a rotational tool movable relative to the workpiece in the same direction as the rotation axis of the workpiece and in a direction perpendicular to the rotation axis of the workpiece. The rotational tool is shifted in a fixed direction with a predetermined feed pitch in a partial or entire region from a center of the rotation axis of the workpiece to a periphery of the workpiece in the direction perpendicular to the rotation axis of the workpiece to process the workpiece into a non-axisymmetrical and aspherical surface.