

A fixation node of working blades of the axial turbo-machines rotor has a transverse circular groove with loading opening, its profile follows the profile of the tail elements of the working blades; the intermediate fixation elements with the same profile with threaded pins are installed between the pair of tail elements of the working blades with possibility to place the threaded pin at the side of the through part; the depressions on the shelves of the blades, those are in contact with the fixation elements; the blade zone is divided into a set of placed in uniform way in circle sectors to the channels between which there are installed the intermediate fixation elements; at that the intermediate fixation elements are arranged as insertions at the axles of which there are installed the threaded pins with platforms able to take the flush position in the slots of the insertions; besides that the width of the shelf of the last working blade of each sector being in contact with the fixation element is made with allowance +1mm. The node is assembled through installation of working blades and the intermediate fixation elements to the circular groove of the rotor through the loading opening, the shelf of the last blade of each sector, with allowance +1mm and depression, is finished by metal working. Such an implementation of the fixation mode and method for its assemblage make it possible to decrease the labor consumption at manufacturing and balancing, provides high accuracy and same rigidity of the blade installation.