

Adjustable nozzle consists of a cylindrical housing with a pass-through axial bore, which contains an inlet and an outlet section, as well as an element positioned between them to form the critical cross-section of the channel. The nozzle also includes a mechanism for controlling the extent of the change in the critical cross-section of the channel. In this case, a recess is formed inside the cylindrical housing, and the element for changing the critical cross-section of the channel is designed as a cylinder with an axial profiled bore. A profiled groove is formed on the outer cylindrical surface of the element for changing the critical cross-section of the channel; the element itself is made of an elastic material and is located in the recess. The housing has two radial bores, one at the inlet and the other opposite the profiled groove. In addition, the means for controlling the critical cross-section of the channel is designed as a pipe with a throttle, and the pipe is connected to the radial bores.