

Vehicle wheel brake includes a brake disc mounted rotatably relative to the vehicle suspension, outer and inner brake pads mounted on both sides thereof, which are capable of moving along the axis of the brake disc and interacting with their working side surfaces with its ends. A brake caliper housing is fixedly mounted relative to the vehicle suspension, into the grooves of which are inserted guide spikes of the brake pads. A U-shaped bracket is mounted on the housing guides with the possibility of axial movement, which from the outer side of the brake disc has the possibility of interacting with the non-working side surface of the outer brake pad. From the inner side of the brake disc, a brake piston is mounted in the axial hole of the caliper with the possibility of axial movement, which has the possibility of interacting with its end with the non-working side surface of the inner brake pad. The brake pad spikes are spherical in shape, and the caliper bracket is supported on the non-working side surface of the outer brake pad and the piston is supported on the non-working side surface of the inner brake pad through spherical supports.