

The invention relates to diamond-abrasive metal working. A hydraulic system of injection of metal-cutting fluid contains nozzles installed on the carriage, which is rigidly connected with the stock of hydraulic cylinder, and control elements. The system contains a multiplier, one of cavities of which is a cavity for injection of metal-cutting fluid and it is hydraulically connected with the nozzles. The axes of nozzles form an angle of  $30-40^\circ$  with direction of the vector of linear speed of rotation of grinding wheel. Technical result: decrease of power consumption at required efficiency of cleaning the butt end of grinding wheel.