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The grinder contains a body (1) with a loading bin (4), the upper disk (14), installed vertically movable and lower disk (12), the disks are disposed coaxially and are provided with grinding elements (32) fixed into the recesses of the disks. The lower disk is connected to the reversing drive (5) and the upper one is fixed to the loading bin neck (16). The recesses of the disks are made around the perimeter, and on the sections between them are made restrictive collars (28).

The grinding elements are made in the form of parallelipipeds with two adjusting faces and two working faces (33, 34).

The technical result consists in the possibility of controlling the disk clearance for grinding grains of different dimensions and in the possibility of reinstalling the grinding element of the second working face, as to double its service life.