

A thread-cutting chuck contains a drive member with a shank, a driven member with a tab holder, an elastic element located between them. For improvement of quality of a screwed thread and decrease of time of readjustment of the chuck for working other standard sizes of thread on cylindrical opposite surfaces of an opening of drive member and a step of driven member segmental grooves are made of a radius identical in axial section, over surfaces of which in the axial planes the grooves of semicircular section are evenly located, stiffening ribs of the elastic element are located therein. The elastic element is made in the form of a hollow torus, moreover one part of the surface of elastic element contacts with the surface of segmental groove of the drive member, its another part - with the surface of segmental groove of the driven member, and the internal cavity of elastic element in the center-line plane is connected through the openings of elastic and drive members with an air-feed coupling installed on the external surface of drive member.