

Wellbore sampling device consists of outer and inner modules, spring mechanism, and ball valve. Its outer module, separated from the inner module by inter-component gap, contains multi-section bushing, which at its lower end is terminated by collet mechanism with leaves, spring-loaded retainers flexibly connected to it, and equipped with calibrating and forming cutters, and on its front surface, multi-section bushing supports, via drive splines, telescopic groove, and sinusoidal insert, as well as nipple bearing, blades with counterweights, toothed half-coupling, and drive toothed nipple, respectively. The inner module consists of guide sleeve, inside which is core catcher; shank of core receiver is connected at the top to hydraulic valve mechanism and terminates at the bottom with static-impact rock-breaking bit, in addition, the outer and the inner modules are connected to each other at the top by a lock-type rolling bearing, and their multi-section bushing, guide sleeve, and core catcher are connected via corresponding technical couplings designed to connect and insert additional sections, thereby increasing their length in the longitudinal direction.