

A planetary friction coaxial gear relates to the mechanical transmissions for different gears, and comprises of a sun wheel, a springy crown wheel that is made as a fixed one, satellites installed between those and mounted with tension, and a planet carrier. To increase reliability of the gear at increased loads being transferred the crown wheel, the satellites and the sun wheel are additionally equipped with dismountable bushings. At that those ones are made of all-carbon composite with friction fillers.