

MD.19.

Title Wheel - satellite
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**Description
EN**

The invention relates to the machine building industry and more correctly to the construction of toothed wheels with elastic-flexible teeth. The purpose of the invention is to design and manufacture gear and gear drives with increased load bearing capacity, increase-operating life (longevity) and reduce noise and vibration, while reducing the requirements for the precision of execution by ensuring the elastic flexibility of the gear elements, having and a simple toothed wheel technology. During operation precessional transmission wheel - satellite due to increased flexibility increases multiplicity of gear, which allows reduction of contact stresses, noise and vibration, allowing to extend the life of the mechanical transmission.

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The manufacture of the satellite wheel is based on known technology that does not require additional equipment. The wheel-to-wheel design is based on known technology that does not require additional equipment.

Class no.