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The invention relates to the plastic metal working.

The device for blank die forming contains a hollow body with a cover, wherein there are placed a tool holder with spherical base surface, adjoined with the spherical surface of the support, rigidly fixed into the body and a tool holder driving mechanism, including a driving gear-wheel. Novelty of the invention consists in that the support is made in the form of a central gear-wheel with lateral teeth, onto the outer lateral surface of the hub of which there is installed, with the possibility of rotation, the driving gear-wheel of the tool holder driving mechanism, which is in engagement with the driven gear-wheel, radially placed into the body. Into the cover it is mounted with the possibility of rotation a thrust element, rigidly fixed to the hub of the driving gear-wheel, at the same time their inverted lateral surfaces are made inclined and parallel, and into the interstice between them it is placed the flange of the tool holder. The tool holder is made in the form of a satellite gear with teeth in the form of rotary rollers, being in engagement with the teeth of the central gear-wheel. On the periphery of both lateral surfaces of the flange there are made annular grooves, wherein there are placed solids of revolution, coming in contact with the corresponding inclined surfaces of the driving gear-wheel and of the thrust element.

Claims: 1

Fig.: 2