

Method for screw blank manufacturing includes a strip, one end of which is secured to a mandrel, is wound onto the aforementioned mandrel—which performs rotational and forward movements—using a forming roller, until a screw blank is formed on the mandrel. Simultaneously with the winding of the strip onto the mandrel, through-cutting of the disc blank is performed using an air-plasma jet directed perpendicular to its end face and moving radially relative to the disc blank. The thickness of the disc blank is equal to the thickness of a coil of the screw blank. The disc blank rotates until the aforementioned strip is formed, the other end of which is connected to the disc blank.