

Method for manufacturing shredding knives on screw spirals involves manufacturing shredding knives on screw spirals using a mandrel installed in a machine tool chuck and a shape-forming roller. A screw spiral is secured in the mandrel and is based in the center of the lathe machine. The outer edge of the screw spiral is turned using a through-type cutter. The through-cut tool in the machine tool holder is replaced with a special grinding tool and the outer edge of the screw spiral is ground. The mandrel with the screw spiral secured in it is clamped in the chuck with the dividing head of the milling machine and the center of the milling machine. The outer edge of the screw spiral is cut using a disc slotting cutter with the appropriate pitch to the required depth to produce blanks for the shredding knives. On a lathe machine, a shape-forming roller is used to bend the shredding knives onto the screw spiral at the required angle.