

Method for coiling wide-strip helical spirals with simultaneous calibration is carried out using a mandrel, a roller, and the machine's chuck drive. A calibration helical spiral is secured to the outer surface of the mandrel, and the mandrel is mounted so that it can rotate in the machine's drive chuck and rotating support. In addition, a strip is secured in the clamping mechanism on the end surface of the right side of the calibration helical spiral; this strip is inserted into a mounting slot beneath the roller, which is located in a sliding sleeve capable of axial displacement on guides. A rotating sleeve is placed in the bearing support of the movable sleeve, which is used to form a wide-strip helical spiral from the strip by forcibly bending it while pressing it against the calibration helical spiral as the mandrel rotates.