

A method of manufacturing ring components includes producing from a straight bar of blanks in the form of rings with a butt gap, assembling the rings on a mandrel into a package with orientation along the butt gaps, compression of the package of blanks on the mandrel with an axial force and welding in this state of butt weld gaps by a common seam to form a common one-piece welded structure followed by smoothing the common seam from outside, separation from the welded structure by a torque of individual ring blanks and volume deformation thereof by process effort. Assembly of the rings on the mandrel is carried out so as the butt gap is enough for straight passage of an electrode (according to GOST 5264-80).