

Knitting mechanism of round-knitting machine has needle cylinder with stegs and sinker crown, needles placed between stegs, sinkers installed in sinker crown, needle blocks with including and slur wedges fixed in those, ring with rigidly connected to it sinker locks and thread carriers. Stegs on working surfaces have system of grooves that consists of one long and inclined cross grooves intersecting it, one end of each of those is restricted by boundaries of working surface of steg, and the other has open outlet at rib of steg.