8. A process according to claim 7, wherein article A is a tube with at least one opening at each end of its longitudinal axis.

9. A process according to any one of claims 1 to 8 wherein article A is a medical implant.

10. A process according to any one of claims 1 to 9 wherein article A is a graft or a stent-graft.

11. A process according to any one of claims 1 to 10 wherein medical component C is a medical implant.

12. A process according to any one of claims 1 to 11 wherein medical component C is a graft or a stent-graft.

~~13. Medical component C obtainable by a process as defined in any one of claims 1 to 12.~~

14. A medical component C according to claim 13 wherein the circumferential strength as measured according to ISO 7198 section 8.3.1 is at least 25 ~~N/mm.~~

~~15.~~ 13. Use of a process as defined in any one of claims 1 to 12 to reshape article A, as article A is defined in claims 1 and 7 to 10.

~~16.~~ 14. Use of the method according to any one of the claims 1 to 12 for removing or reducing the size or the number of weaving defects of a medical component C.

~~17. A medical component C obtainable by the process according to any one of the~~ claims 1 to 12, wherein the Ra surface roughness is at least 10% lower on an inner surface of the component C, which inner surface was contacted with the shaping member B during heat-shrinkage of article A, as compared to an outer surface of the component C, which outer surface was not contacted with the shaping member B during heat-shrinkage, preferably the Ra surface roughness of the inner surface is at least 25% lower than the Ra surface roughness on the outer surface of component C, more preferably the Ra surface roughness of the inner surface is at least 50% lower than the Ra surface roughness on the outer surface of component C.

18. A medical component C obtainable by the process according to any one of the claims 1 to 12, which medical component C has a diameter and the medical component C is freestanding to a height of at least 4 times the diameter of the medical component C, preferably the medical component C is freestanding to ~~a height of at least 5 times the diameter of the medical component C, more~~

~~preferably the medical component C is freestanding to a height of at least 6~~ times the diameter of the medical component C, and more ~~preferably~~ the medical component C is freestanding to a height ~~of~~ at least 10 times the diameter of the medical component C.

19. Medical component ~~according~~ to claim 18, wherein the medical component is a ~~graft~~ or an artificial vein, and preferably an unsupported medical graft or an ~~unsupported artificial vein.~~