

03. Bright annealing

Heat treatment is carried out in an inert atmosphere which eliminates the internal structural alterations produced during the manufacturing processes of the wire, followed by rapid cooling.

According to customer requirement, in order to eliminate the hardening and the residual tensions after wire drawing, heat treatment can be performed. This process (hypertemper or solubilization) exposes the material to a temperature high enough (austenitic stainless steels at 1100°C approx.) inside an inert atmosphere to eliminate all the structural alterations produced during the manufacturing processes, followed by rapid cooling.