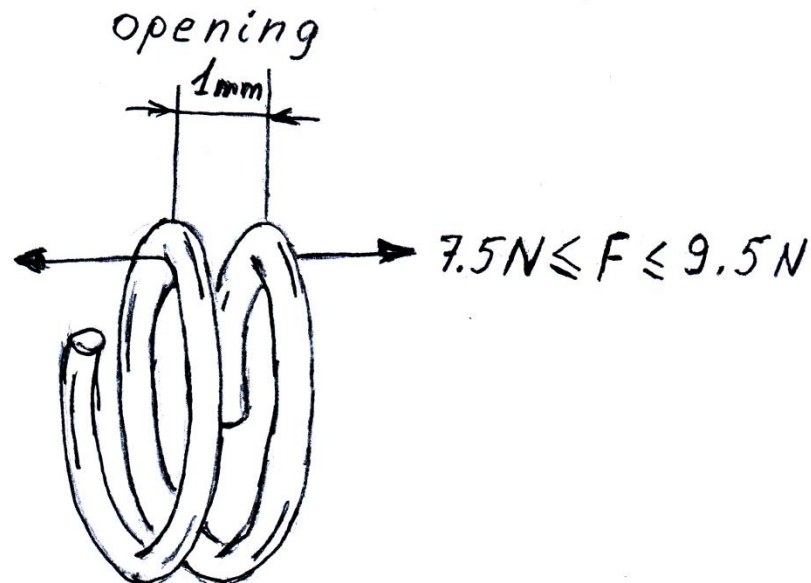


*Nitinol Spring for abdomen surgery: Control reduction of the opening strength to required value by Electropolishing. Figure 1: sketch showing the required relation between the opening force and the stretching length (the opening)*

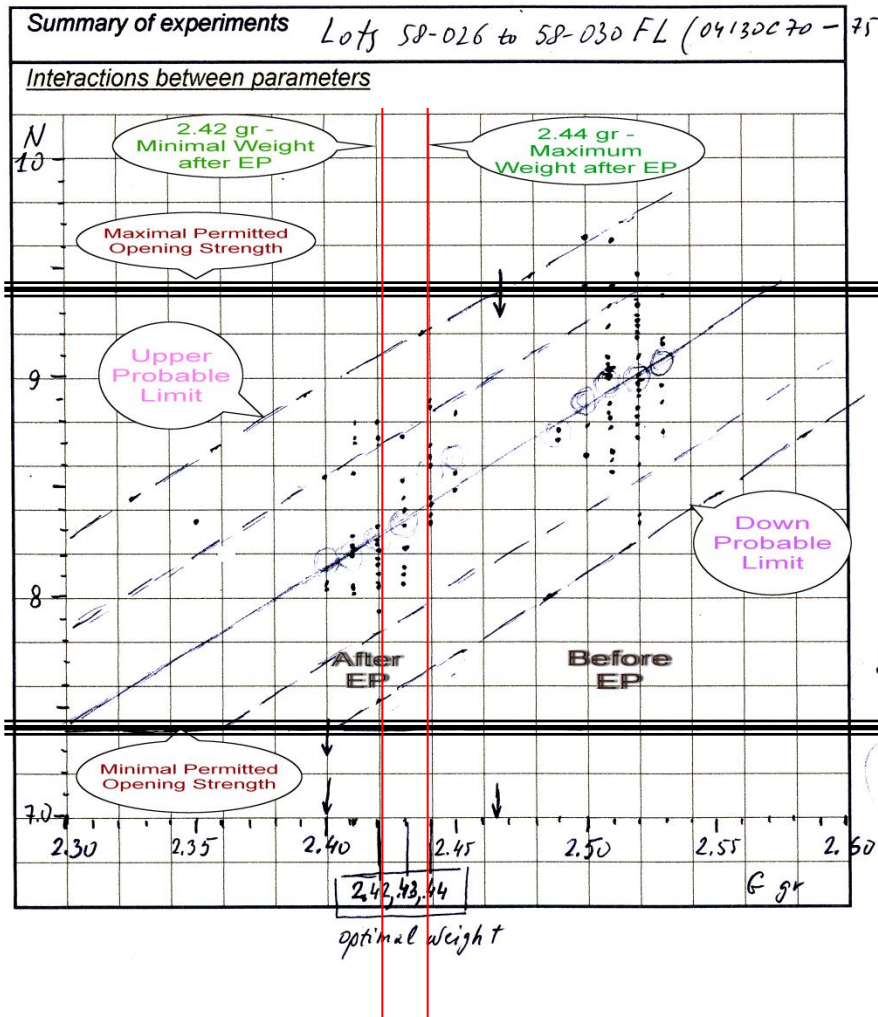
*Long-term R&D Project which was commercially realized Page 1 of 2*



Nitinol Spring must be opened to 1mm opening at Opening Force not less than 7.5N and not more than 9.5N

# *Nitinol Spring for abdomen surgery: Control reduction of opening strength to required range by Electropolishing. Figure 2: nomogram for operation the Electropolishing process in order to obtain the specified opening force for the specified opening of the Spring*

Long-term R&D Project which was commercially realized Page 2 of 2



*Statistic investigation of the phenomena allowed to define technically achievable and easy controllable parameter (the weight range of the treated item) permitting to achieve and ensure the required parameters' range during mass production of the item (up to two thousands units per day)*