



## *spring for torsion spring machines*

# Simulation of the Bending Process with Collision Control and Cycle Time Determination

### Situation:

When setting up torsion springs, the operator has to test the production process slowly several times in order to make sure that the wire does not collide with the tool. At the same time, however, the set-up process ought to be as fast as possible to minimize downtimes.

### Your benefits:

- Collision control by simulating the entire bending process
- Determination of cycle times for accurate production planning
- FMK machines: Increase of output by up to 20% by automatically calculating the ideal tool arrangement

### Solution:

*iQspring* enables a graphical collision control and the determination of the cycle time for the set-up part. Downtimes are reduced and production planning is facilitated. FMK machines also offer the possibility to calculate the ideal tool arrangement and thus increase the output by up to 20%.

### Available machine types:

- FMU machines
- FMK machines
- Compatible machine sizes on request

