

Unique helical wound disk springs — eliminate your cumbersome and inaccurate Belleville spring stacks!



Do you have spring design problems?

- A spring with the required force will not fit into the available space?
- Springs are too stiff in the compressed state [not enough compression force available]?
- Insufficient service life?
- Insufficient travel when using Belleville springs?
- Excess friction is an unacceptable factor?
- Stacking of Belleville springs is too time consuming?
- Concerns about broken springs in your system?
- Need a custom-designed spring?

We supply custom-made, patented helical wound disk springs with significantly improved engineering characteristics over Belleville springs. In addition, in many applications the helical disk spring allows for a second spring inside the main spring for increased stiffness and better guidance on a shaft.

The patented design is used in several diverse applications:

- Tool clamping [power drawbars]
- Work-piece clamping
- Various machine tool clamping
- Packaging machinery
- Motor mounts for large Diesel motors
- General clamping
- Automotive

Do you have a difficult spring application? Let us know. We would be happy to propose a custom-made spring design for you. For more information visit our web site at <http://www.transconn.com/springs>.