Markgröningen, 24.01.2018

norelem has introduced high quality helical springs into its portfolio

designed for extreme alternating and permanent loads as well as high temperatures

**Used in tool making machine construction or fixtures, the new helical springs from norelem are higly versatile. The standard sizes available are diameters 10 to 25 mm and lengths 25 to 305 mm.**

The helical springs from norelem are machined to the highest precision - the result is, amongst other things, excellent spring characteristics. The basic high quality component is a rectangular coiled wire made of chrome-silicon steel that reacts to pressure. Flat spring ends, ground to a right-angle ensure uniform force transfer and improved seating. The special spring profile enables high alternating and permanent forces and permits use at operating temperatures up to 230 °C. The springs have been heat-treated, abrasive blasted and pre-stressed at block height during production to significantly extend the life expectancy.

The helical springs from norelem are available in four colour coded load grades. The lengths, diameters, force and colours comply with ISO 10243 guaranteeing interchangeability of components within the various load grades.

A tip: When selecting a spring the user should take into account how the spring travel is divided into working travel and preload travel. The smaller the difference between the spring travel and the unloaded length, the higher the expected service life. Select a preload as large as possible and a working travel that is as short as necessary to maximise the service life.

Characters including spaces: 1,573

Brief profile of norelem Normelemente KG

Every success begins with an idea. This is why norelem supports you in achieving your targets in machine and plant construction with an unrivalled selection of standard parts and components. THE BIG GREEN BOOK offers designers and technicians an extensive and clearly arranged assortment of quality components.

We support your project right from the start - with expert advice, a complete CAD database and fast delivery. norelem has been dynamically evolving for almost 60 years, consistently amending our portfolio and continuously optimising the logistics.

From our headquarters in Markgröningen, Germany and over our international locations, we are active in youth developement with schooling and workshops.

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