

## Spiral spring cover

### Installation and maintenance instructions

#### Important!

The spiral spring is under constant tension! Remove the wires as described below under "Installation" only after the Spiraled spring has been fitted over the shaft!

#### Safety information

The spiral spring must be used **only together** with the part to be protected, i.e. a ballscrew, etc., otherwise it can snap out unexpectedly and cause grievous injury!.

#### Conditions of use

Spiral springs operate optimally in oily environments. In environments with fine particles or larger dust accumulations, e.g. from wood processing, bellows must be used instead.

#### Warranties

Our warranty for spiral springs extends to material and production defects only. Our warranties do not extend to damage incurred as a result of improper installation, loading, and failure to service or clean, e.g. swarf accumulation.

#### Installation

- Before installing the Spiral spring ensure that the flanges on the machine have the tolerances specified in the catalogue.
- The Spiral spring must be installed in accordance with the mounting label H (horizontal) or V (vertical). When installed vertically the spring's larger mounting diameter is uppermost.
- The wires must not be removed until after the Spiral spring has been installed at its intended position and the flanges are about two to three Spiral strip widths apart.
- Remove all of the wiring
- After removing the wiring insert the Spiral spring carefully into the flange receiver. Do not let the Spiral spring snap out!
- **Note:** When installed Spiral springs must move freely and must not be screwed or riveted!

#### Care

Spiral springs must be cleaned at regular intervals. Whenever possible, only **W44T Turbo spray** must be used for cleaning and lubricating. Viscous, resinous oils can clog the Spirals and fracture the spring and are therefore unsuitable. The use of unsuitable lubricants renders the warranty void.

