

DURASPRING COIL SPRINGS INSTALLATION AND MAINTENANCE INSTRUCTIONS

⚠ Important!

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

🔧 Safety information

The coil 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

DURASPRING coil 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 DURASPRING coil 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.

Our general terms and conditions are available as a download at www.hema-group.com

Installation

Before installing the coil spring ensure that the flanges on the machine have the tolerances specified in the catalogue.

■ The coil 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 coil spring has been installed at its intended position and the flanges are about two to three coil strip widths apart.

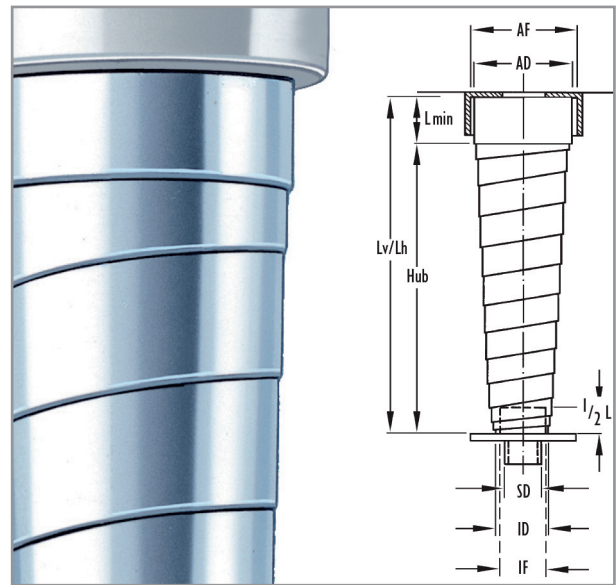
■ Remove all of the wiring.

■ After removing the wiring insert the coil spring carefully into the flange receiver. Do not let the coil spring snap out!

🔧 **Note:** When installed DURASPRING coil springs **must move freely** and must not be screwed or riveted!

Care

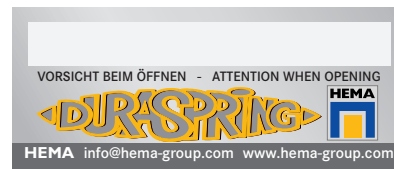
■ DURASPRING coil springs must be cleaned at regular intervals. Whenever possible, only DURASPRING oil spray (order no. 80-05-0001) must be used for cleaning and lubricating. Viscous, resinous oils can clog the coils and fracture the spring and are therefore unsuitable. The use of unsuitable lubricants renders the warranty void.



Service

The order number specified on your DURASPRING coil spring is given below. File this sheet for reference so that you can quickly access the information for replacements.

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