

TORSION SPRINGS ORDER PROCESS

Dear customer,

we are fully aware of the importance to have available key door components- springs.

Hereby we would like to announce, that we extended our spring portfolio, therefore we are able to guarantee flexible supplies against the last.

There are two options for your order:

- By ordering of springs via <http://aftersales.toors.cz>
- By calculation based on door specification

We always kindly recommend to order full pair of springs, otherwise we cannot guarantee doorleaf balance or springs shelf-life!

CURRENT SPRING SPECIFICATION

Current spring specification:

- Spring Winding Direction
- Inside Spring Diameter
- Width of wire
- Length of spring
- Shaft Size

SPRING WINDING DIRECTION



LHW- Left winding counterclockwise

RHW- Right Winding Clockwise

In major cases, right spring is mounted on the left side (innerside view) and left spring is mounted on the right side (innerside view).

It is highly recommended to check each spring individually!

INSIDE SPRING DIAMETER AND WIDTH OF WIRE

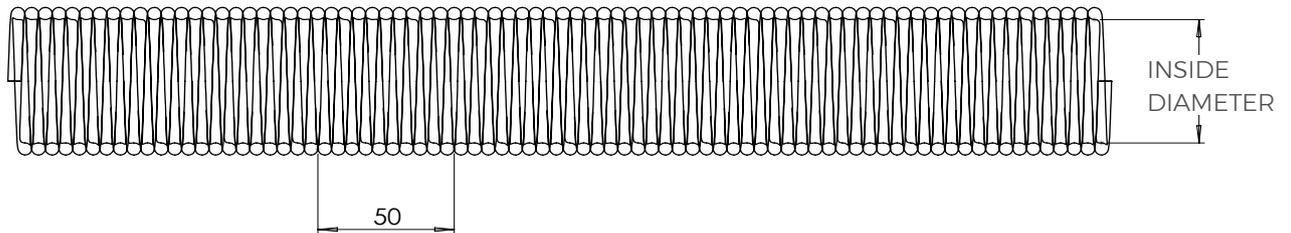
All figures to be measured in mm.

While measuring of the wire, please measure 10 threads and divide by 10, as per picture bellow.

EXAMPLE:

If 10 threads have 50mm, then the width of wire is 5mm.

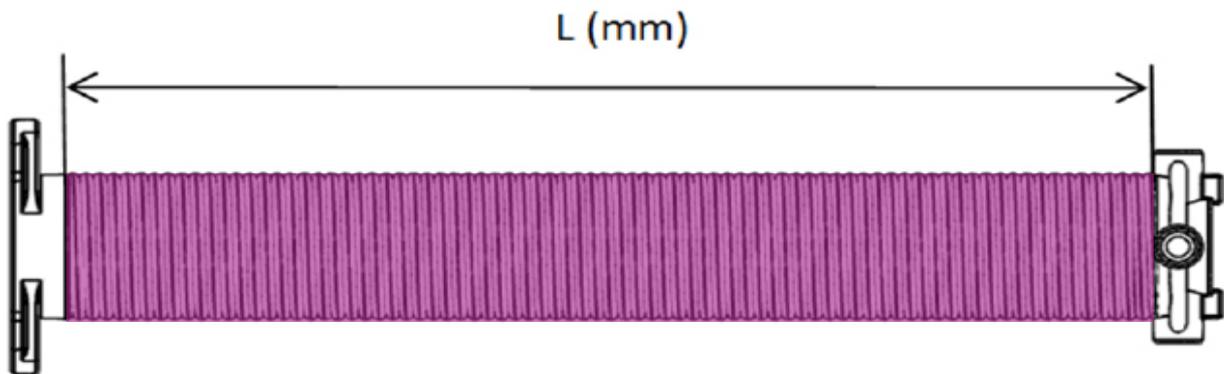
Inside Spring Diameters



Inside Spring Diameters can be: 51mm, 67mm, 95mm, 152mm.

LENGTH OF SPRING

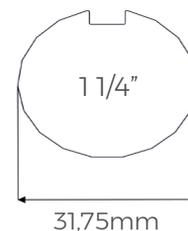
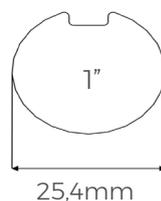
It is necessary to measure unstrained torsion spring between inside edges of terminations.



SHAFT SIZE

In case of 152mm Inside Spring Diameter, it is necessary to mean shaft type/size.

- 1" shaft
- 1 1/4" shaft



OPTION 1 - SPRING ORDER PROCESS VIA E-SHOP

Following the clearance of parameters, you can order springs via our e-shop. By using this option, you will get additional **5% discount**. Order done by this way will be prior processed.

Please make sure, you know all needed parameters - Spring Winding Direction- Right spring x Left spring, Inside Spring Diameter, Width of wire, Length of spring, Shaft Size.

Our e-shop can be found at <http://aftersales.toors.cz>.
Or you can log in our e-shop by clicking on SERVICE icon on our website.

For orders via e-shop, it is mandatory to have your registration. To create your customer account, please contact assigned Sales Administrator, who will ask you to provide company details for mentioned purposes.

ORDER INSTRUCTIONS



1 After Login, click on the left tap „Industrial Springs“. Base partition is Left and Right.

Produced parts
Panels
Complete panel sections
Complete FVE sections
Others
Complete FVE sections with broken thermal bridge
Industrial springs
Left
Right

2 Choose by Inside Spring Diameter, Width of wire and add Length of spring in mm.

Industrial springs
Left
Inner diameter spring 51
Inner diameter spring 67
Inner diameter spring 95
Inner diameter spring 152

Left spring - ø 51mm, ø wire 5,5mm



DESCRIPTION
Inner ø spring - 51mm
ø wire - 5,5mm
When placing your order, please enter the length of the tensioned spring in mm.

DIMENSIONS FOR TRANSPORT (W X H X D)
1750.00 x 51.00 x 51.00 mm
WEIGHT
10.7500 kg

3 In case of Inside Spring Diameter 152mm, it is needed to choose, whether the spring is assigned to 1" or 1 ¼" shaft.

Inner diameter spring 152
For shaft 1" (25,4mm)
For shaft 1 ¼" (31,75mm)

OPTION 2 - CALCULATION BASED ON DOOR SPECIFICATION

In case you do not know the size of current spring, we can help with the choice of correct substitution, if you fill up needed information to the form (based on that, we will count correct parameters of new springs and send quotation accordingly).

You can find the form on our website. Filled form please send to assigned Sales Administrator.

Link: [HERE](#)

Opening width:	mm
Opening height:	mm
Doorleaf weight or TOORS Panely Type (Total doorleaf weight incl. HW)	doorleaf weight x panel Type
Doorleaf struts (if you noted doorleaf weight, no need to fill)	strut type - high, low pcs
Wicket Pass Door (if you noted doorleaf weight, no need to fill)	yes/no
Amount of Full Vision Sections (if you noted doorleaf weight, no need to fill)	pcs
Track System Type	(SL-standard lift, LL-low lift, HL- High lift, VL - vertical lift)
Wire Drum Diameter in case of SL or LL track (no need for HL or VL)	mm
Height from floor to bottom edge of horizontal track (required for HL)	mm
In case of track system under angle, please note degrees	°