

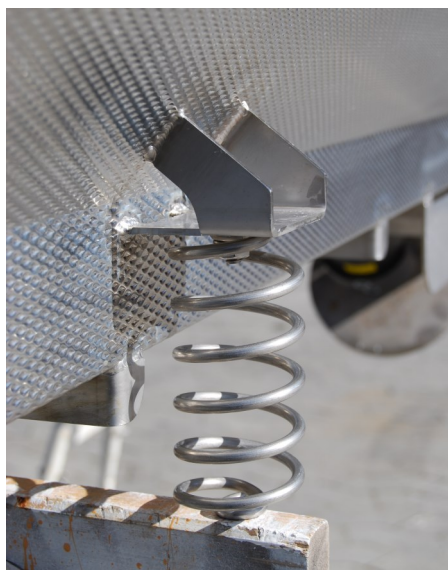
Coil Springs NVD



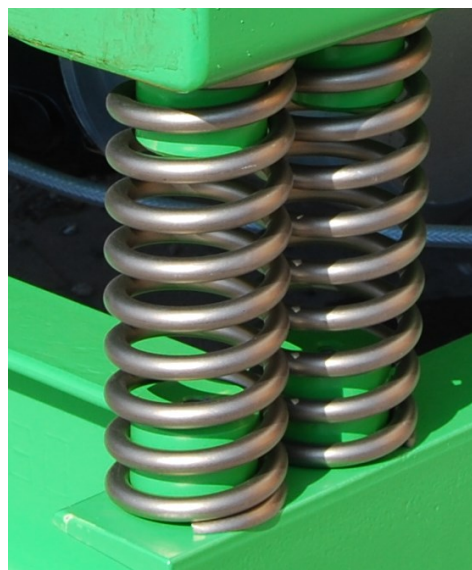
- **Stainless Steel**
- **Suitable for low frequency and high amplitude**
- **Hygienic design**
- **Widely used in food production**
- **Spring guides is available**
- **Narrowing ends is available**

NVD Stainless steel springs offers a superior dampening and isolation for vibration equipment

NVD Stainless steel springs is used for vibration tables, and feeder systems



GH Spring with narrowing end for easy mounting

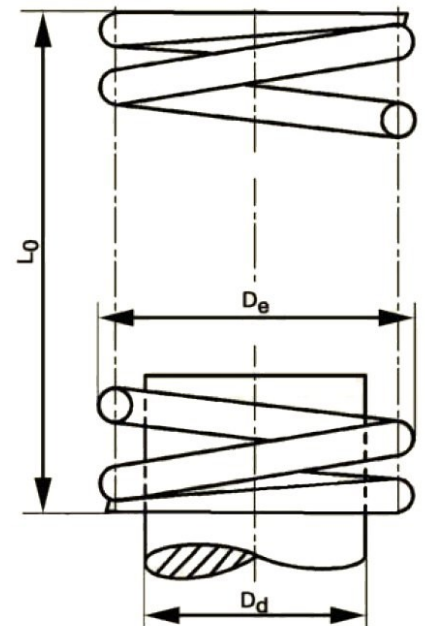


NVD spring with guides

Coil Springs NVD

Specifications & Dimensions

Type	Load per coil spring (Stroke 7,5 mm.)			Outer Dia. (D _e) [mm]	Unloaded Length (L ₀) [mm]	Guide Ø (D _d) [mm]
	Min. [Kg.]	Op til	Max [Kg.]			
NVD 2,1 / 3,1	2,0	Op til	3,0	27	58	22,3
NVD 3,8 / 5	3,7	Op til	5,0	33	50	26,6
NVD 5,2 / 7,2	3,1	Op til	6,8	43,2	82	35,8
NVD 7 / 9,5	3,4	Op til	9,4	49	103	39,8
NVD 11 / 16	9,5	Op til	15,5	36	61	27,1
NVD 13 / 18	6,6	Op til	16,7	50	95	38,7
NVD 16 / 22	14,9	Op til	21,3	36	53,5	27,1
NVD 18 / 24	6,9	Op til	23,5	60	128	47,5
NVD 23 / 30	11,9	Op til	30,2	45	95,5	34,0
NVD 30 / 40	14,6	Op til	49,7	75	102	59,0
NVD 38 / 51	24,1	Op til	51,4	56,3	80	42,6
NVD 39 / 53	20,1	Op til	52,6	81	98	63,2
NVD 53 / 70	12,9	Op til	70,5	71	205	53,6
NVD 60 / 80	31,3	Op til	79,3	71	95	53,6
NVD 85 / 115	37,3	Op til	114,5	90	115	68,0
NVD 110 / 150	50,7	Op til	150,0	63	111	43,0
NVD 130 / 180	48,6	Op til	175,1	73	135	51,0
NVD 145 / 195	76,4	Op til	195,7	73	96	51,0



Feeders and discharge troughs needs a flexible support, for example NVD coil springs.

All springs mounted beneath a feeder tray must be loaded equally to allow constant conveying.

It is absolutely necessary to take into consideration the exact position of the centre of gravity of the conveyor tray.

Resonance frequency of the system feeder - springs should be approximately 1/5 of the operating frequency of the vibrator so that the natural frequency of the springs (uncontrolled deflection) is quickly passed through. The max. load per spring can be found in the table.

The stroke of the coil spring should be 7,5 mm or more. Twin supports by several pairs of coil springs are also possible.

In the specifications & dimension info, you will find coil springs that are suitable for the flexible support of conveyors.

For selection of the suitable coil spring you have to divide the weight of the moving mass by the number of springs in order to know the load per coil spring. You can then choose the corresponding coil spring in the table. The coil springs are made of stainless steel wire and the surface is specially treated so that a longer service life can be provided.