



Company name: Labrys Oy / InfiniSpring

Product: New type of steel spring - InfiniSpring®

InfiniSpring®-spring is a simple fastener, and it offers flexibility between the parts joined together. Flexibility isolates efficiently shock, noise and vibration, and allows movement between the structural parts.

Benefits: InfiniSpring®-spring is extremely simple and cost-efficient laser cut sheet metal component. The connection areas of the spring can be designed very freely, and this enables new and innovative spring designs. The spring design can be even integrated into any sheet metal steel structure and flexibility can be integral part of the steel structure. The spring integration enables new and innovative structural designs.

Characteristics: InfiniSpring®-spring is very thin and requires less space. The spring is highly flexible in all directions, and it can be installed in any mounting direction. It functions perfectly both in compression and tension. Movement is limited in compression, and it can ground safely. The number of components and material is one. The spring is manufactured from a high strength steel.

How to utilize InfiniSpring® in your Company:

1. You can **buy springs** and spring products directly from us.
2. You can **buy design services** from us, and we can develop innovative products with you.
3. You can design and manufacture springs and spring products through a **license**.

License: You can use separate and integrated InfiniSpring®-spring designs, design totally new InfiniSpring®-spring products and manufacture InfiniSpring®-springs. Through the license agreement we can offer you complete data for InfiniSpring® design and manufacturing.

For what? Vibration isolation, shock absorption, soundproofing, etc.

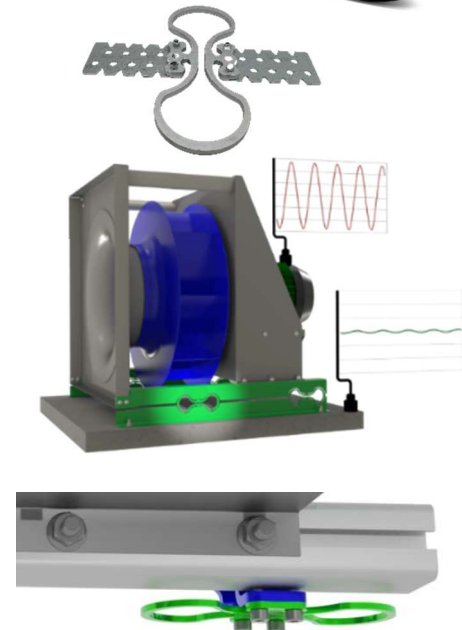
Applications: rotational machines (fans, pumps, compressors, generating sets), vibratory machines (conveyors, screens, shakers), sensitive equipment (electric cabins, laboratory devices), construction (pipework, room soundproofing), etc.

Quality: ISO9001:2015 for Quality Management, EN10204:2004 for Material Certificates, ISO4063-84:1020 for Laser Cutting, ISO12944-2:2017 for Surface Treatment. Other standards can be made available on request.

Spring sizes: InfiniSpring®-spring sizes exist from a 3 mm (0,118") plate thickness spring up to a 12 mm (0,472") plate thickness spring. Please see table below. On our webpages you can find much more information:

www.infinispring.com (InfiniSpring® datasheet can be found from the Product page)

Model	Nominal load range		Plate thickness	
	kg	lbs	mm	in
3HS20	15-20	33-44	3	0,118
4HS35	25-35	55-77	4	0,157
5HS50	40-50	88-110	5	0,167
6HS75	60-75	132-165	6	0,236
8HS130	100-130	220-286	8	0,315
10HS200	165-200	363-440	10	0,394
12HS300	245-300	540-661	12	0,472



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