



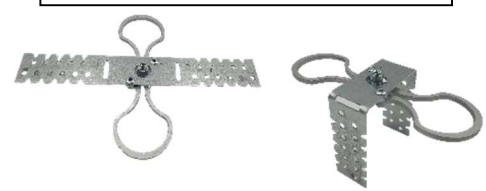
Products: InfiniSpring® Acoustic Products

Offering: InfiniSpring® Acoustic Products exists for ceilings and walls.
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 a new and patented mechanical steel spring innovation. The spring is simply manufactured from a steel sheet using laser cutting and it enables new type of Acoustic Product designs. The designs can be made simple, and the Acoustic Product costs are very low. Acoustic performance is high from low frequencies upwards.

Characteristics: The spring functions perfectly in tension. This offers new and simple approaches for designing acoustic hangers. The spring is manufactured from a steel sheet using laser cutting and the connection areas of the spring can be designed very freely, and different connection types can be made easily. The spring is very thin, and it can be installed in any mounting direction. This enables very low height acoustic hangers to be made using InfiniSpring®-springs.

Low height acoustic hanger design shown below:



For what? InfiniSpring®-springs have very high noise and vibration isolation performance. They improve impact and airborne noise soundproofing. Developed InfiniSpring® Acoustic Products are for soundproofing ceilings and walls. They enable gypsum board ceilings and walls to be installed resiliently.

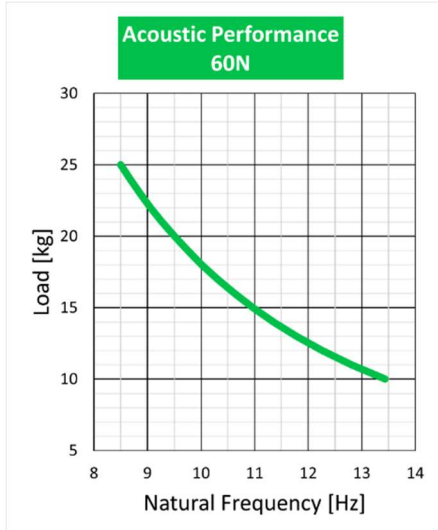
Applications: music rooms, recording studios, cinemas, residential and office buildings, night clubs, concert venues, industrial developments, laboratories, etc.

Performance: Developed InfiniSpring® Acoustic Hangers are for nominal loads up to 25 kg (55 lbs) and extreme load is around 8 times the nominal load. InfiniSpring® Acoustic Products improve soundproofing in the whole audio frequency range (20Hz-20kHz).

How to utilize in your Company: We offer acoustic products through a license. With the license you can utilize existing acoustic products, develop new, and manufacture them. Alternatively, you can buy acoustic products directly from us.

Available designs: So far, we have developed acoustic hangers for a GK 60 mm ceiling profile and for several different upper connections. Acoustic wall ties are for nail plate and angle plate connections. Different designs can be made on request.

Quality: ISO9001: 2015 for Quality Management, EN13964 for Acoustic Hangers, EN14195 for Acoustic Wall Ties, EN10204:2004 for Material Certification, ISO4063-84:2020 for Laser Cutting, ISO12944-2:2017 for Surface Treatment. Other requirements can be made available on request.



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