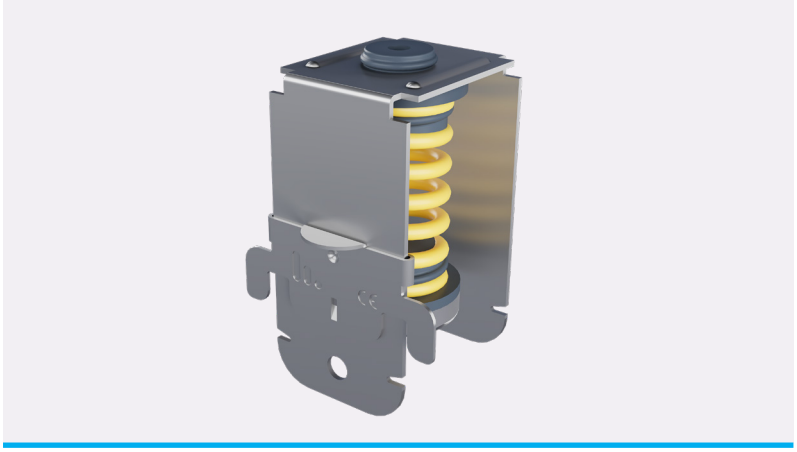


stravilink by CDM Stravitec

SCAN ME

Scan here for access to solution website page for other documents

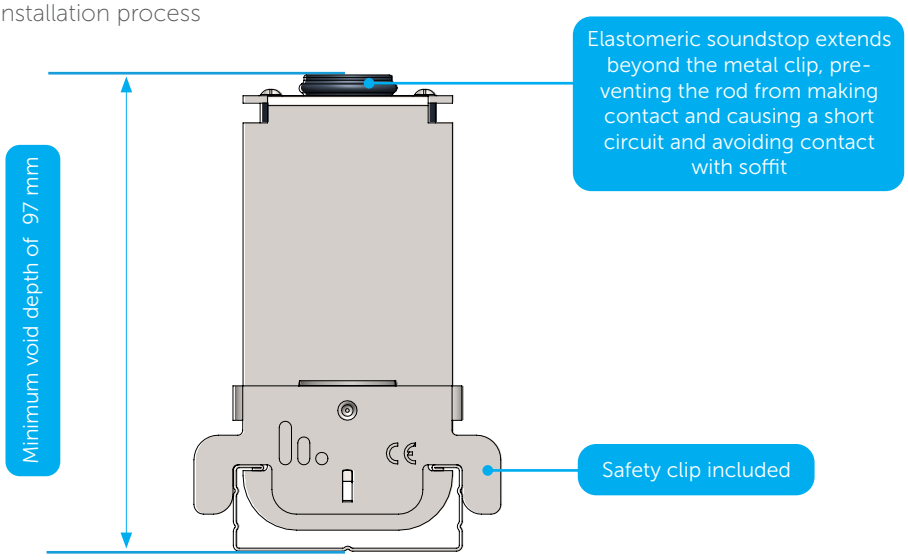
Stravilink CC40-S

Datasheet

Stravilink CC40-S is a Channel Clip using Springs, designed for suspending acoustic ceilings with 47 mm steel ceiling channels and optimising sound insulation between vertically arranged rooms.

FEATURES

- Suitable for installation on various structures, including concrete and cross-laminated timber (CLT) slabs
- Designed to be compatible with 47 mm galvanized steel ceiling channels
- Equipped with springs featuring a natural frequency of 4 Hz at design load
- Colour-coded spring options available, supporting loads from 4 to 59 kg
- Requires a minimum void depth of 97 mm. Variable void dept is possible
- Includes a safety clip to prevent ceiling channel deformation due to excess weight
- Elastomeric soundstop extends beyond the metal clip, preventing the rod from making contact, thereby avoiding a short circuit and direct contact with the soffit when attached directly to the ceiling
- Effortless snap-in design lets the hanger quickly and securely attach to the ceiling channel
- No specialized tools are required for installation
- Simple and fast installation process



PACKAGING

Model	Reference	Quantity per Box	Weight per Box [kg]	Dimension of Box [cm]
Stravilink CC40-S75	001965	25	4.84	23 x 15 x 17.3
Stravilink CC40-S150	001966	25	5.24	23 x 15 x 17.3
Stravilink CC40-S230	001967	25	5.58	23 x 15 x 17.3
Stravilink CC40-S340	001968	25	5.90	23 x 15 x 17.3
Stravilink CC40-S455	001969	25	6.08	23 x 15 x 17.3

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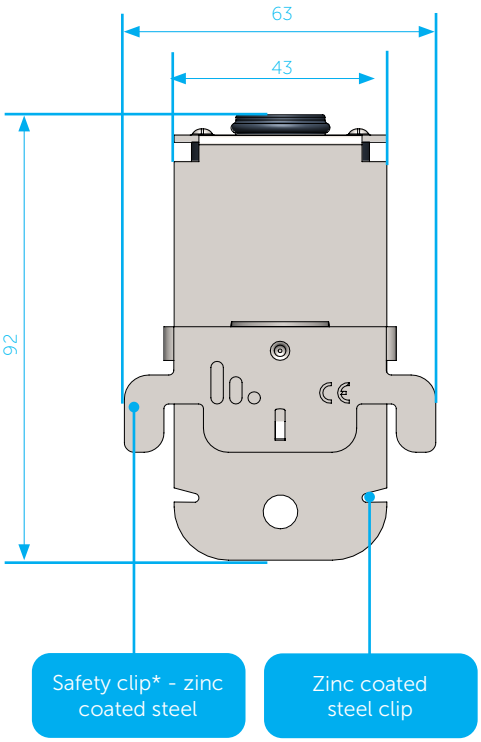
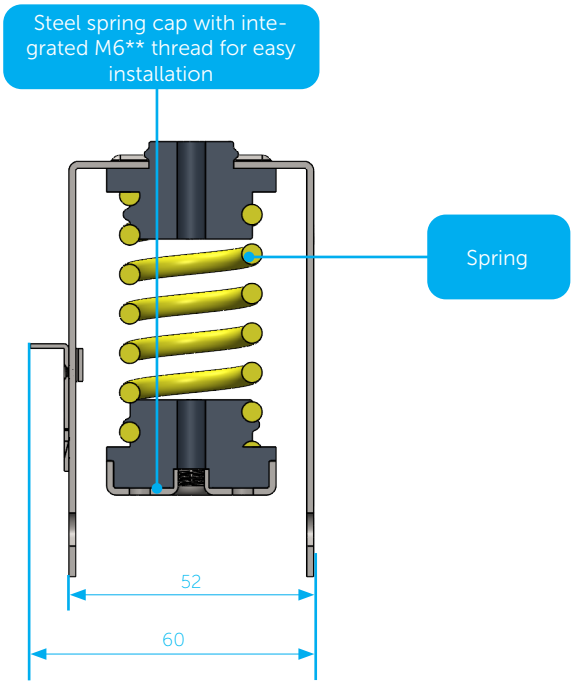
PHYSICAL & MECHANICAL PROPERTIES

Model	Design Load		Resonance Frequency at Design Load	Load Range (per Hanger)		Spring Colour
	kg	N	Hz	kg	N	
Stravilink CC40-S75	7.5	75	< 4	4 - 14.5	40 - 145	Light Ivory
Stravilink CC40-S150	15	150	< 4	7.5 - 24	75 - 240	Zinc Yellow
Stravilink CC40-S230	23	230	< 4	11.5 - 31.5	115 - 315	Sky Blue
Stravilink CC40-S340	34	340	< 4	17 - 44	170 - 440	Silver Grey
Stravilink CC40-S455	45.5	455	< 4	23 - 59	230 - 590	Pearl Night Blue

Notes:
Products are suited up to a C2 environment (atmosphere with little or no degree of pollution).
To assess which type is appropriate the following information is needed:
1) The weight and construction of the supported ceiling - this will determine the type of hanger;
2) The weights and support locations of any items hung from the ceiling.

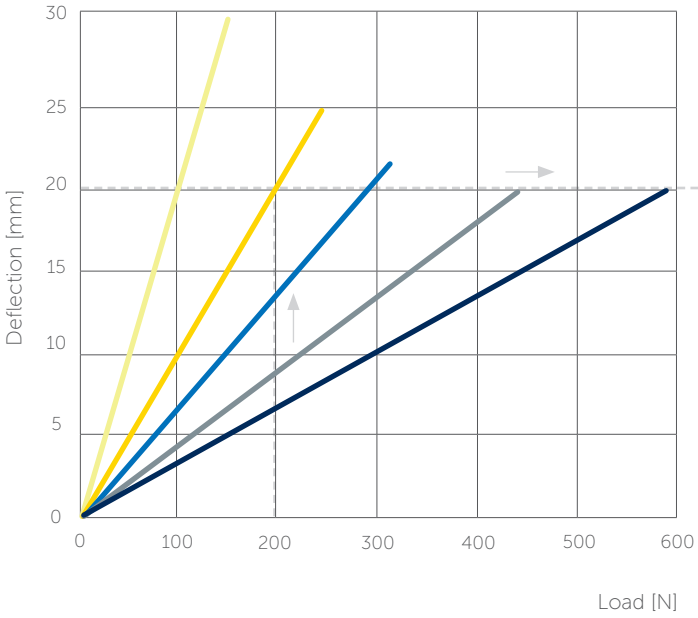




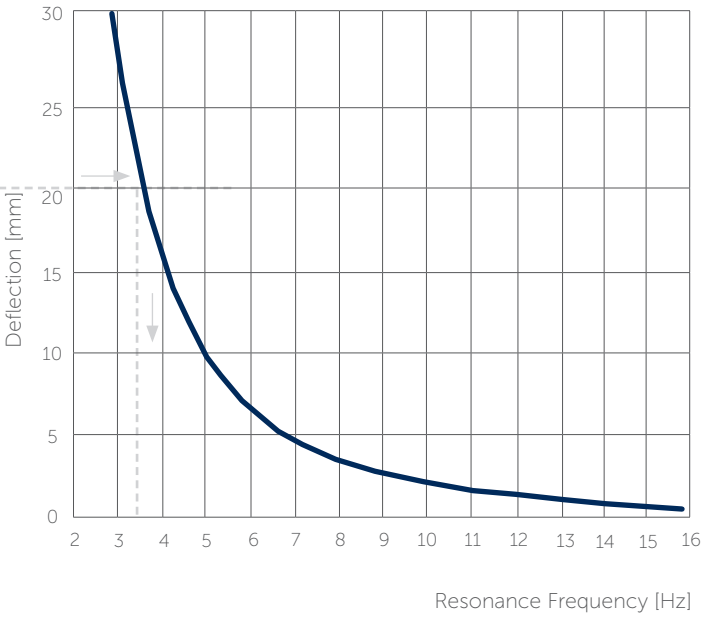
Notes:
All dimensions in milimeters (mm).
*Available with double safety clip, upon request.
**Available in M8, upon request.

PERFORMANCE GRAPHS

Deflection as Function of Load



Relationship between Deflection and Resonance Frequency



Stravilink CC40-S75 Stravilink CC40-S150 Stravilink CC40-S230 Stravilink CC40-S340 Stravilink CC40-S455

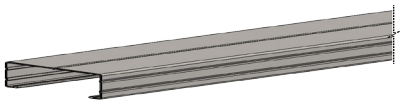
The resonance frequency of a Stravilink hanger can be determined by its load. To start the calculation use the graph "deflection as function of load" this will provide the deflection at the specified load. Then moving horizontally to the right hand side plot "deflection as function of frequency" on which the corresponding resonance frequency can be found. As an example, the resonance frequency of a Stravilink CC40-S150 loaded with 200 N is determined. The corresponding deflection is 20 mm. The resonance frequency of a spring at 20 mm deflection is 3.5 Hz.

ACCESSORIES

Perimeter Strip

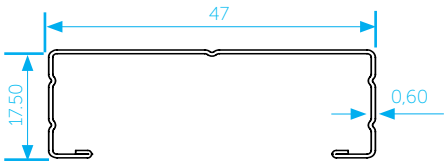
1. Self-adhesive perimeter strip 10 mm thick to isolate the ceiling from the adjacent walls.

Note: Standard widths of 50 mm, 100 mm, and 150 mm are available in 10 lm rolls.

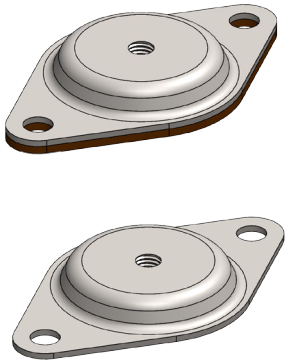


C47 channel

47 mm wide channel of 3 m available
Material: DX51D+Z140
Weight: 1.34 kg

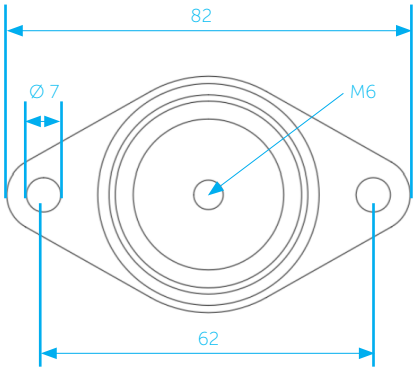


Note: All dimensions in milimeters (mm).

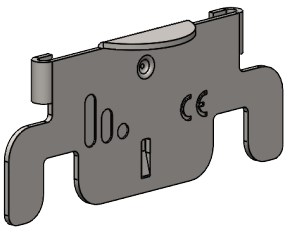


M6 anchor plate

Available with (for settlement on rough surfaces) or without rubber (2 mm)
Material: DX51D+S275



Note: All dimensions in milimeters (mm).

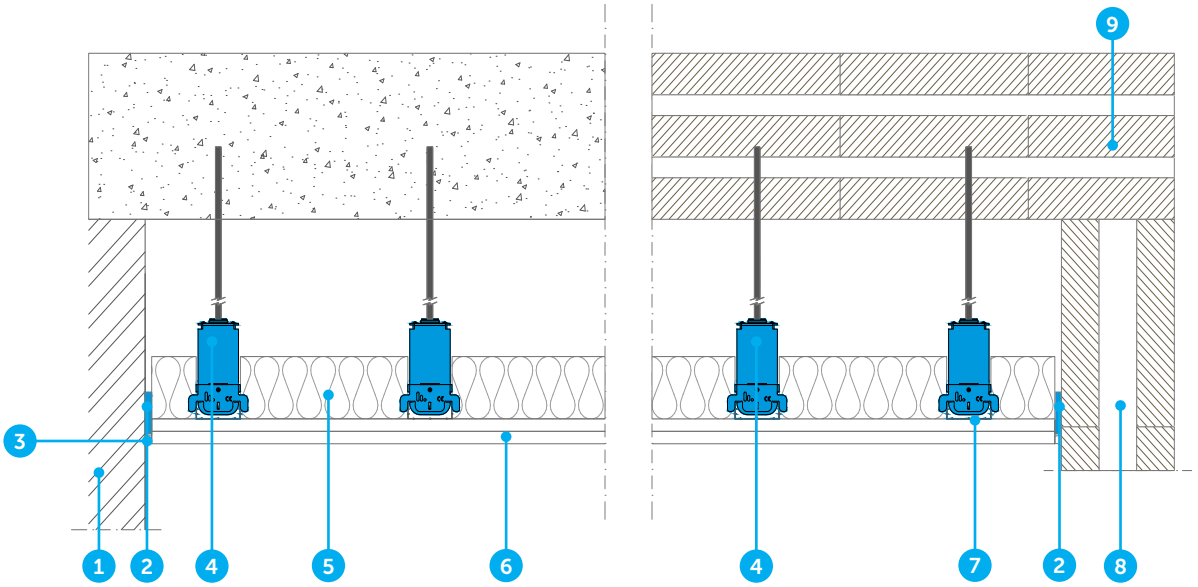


Stravilink CC40 safety clip

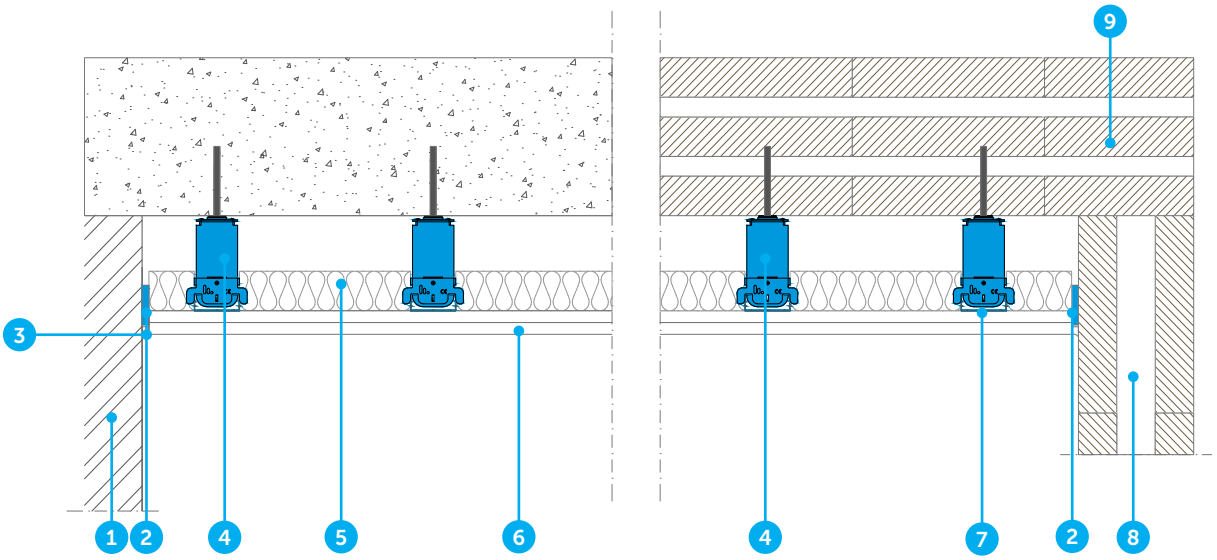
Material: DX51D+S275
Quantity per bag: 25
Note: One safety clip is included with the product by default.
A second is available upon request.

TYPICAL ASSEMBLIES

Single ceiling profile and increased void



Single ceiling profile and reduced void



1. Wall
2. Perimeter Strip
3. Elastic caulk
4. Stravilink CC40-S
5. Absortion layer
6. Plasterboards, gypsum board or dry lining
7. 47 mm channel
8. CLT Wall
9. CLT Slab

DISCLAIMER

This information is accurate to the best of our knowledge at the time of issue. Information, data and recommendations provided are based on industry accepted testing and prior product usage. It is intended as descriptive of the general capabilities and performance of our products and does not endorse applicability for any particular project. We reserve the right to change products, performance, and data without notice. This document replaces all information supplied prior to the publication hereof.

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