

Stravilink ICH-S With Eye Bolt Installation Manual

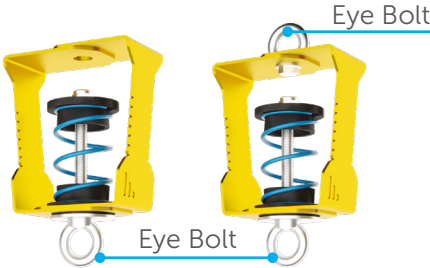
Installation Tools and Components

- Ink marker
- Pocket tape measure
- Cross line laser
- Chalk line with gear ratio
- Drilling machine
- Battery powered screwdriver
- Personal protective equipment (PPE)

Stravilink ICH-S



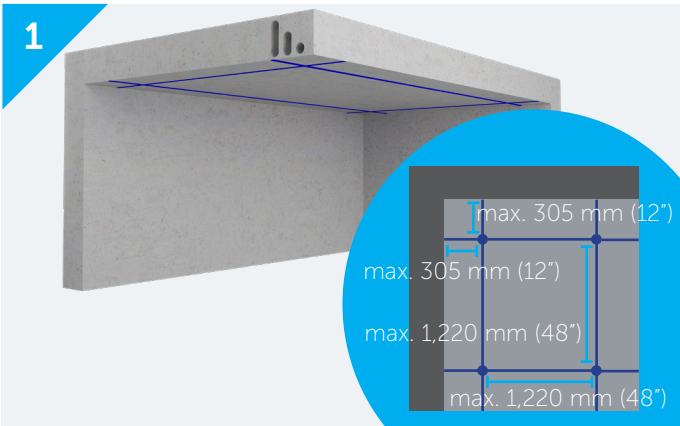
Stravilink ICH-S with Eye Bolt*



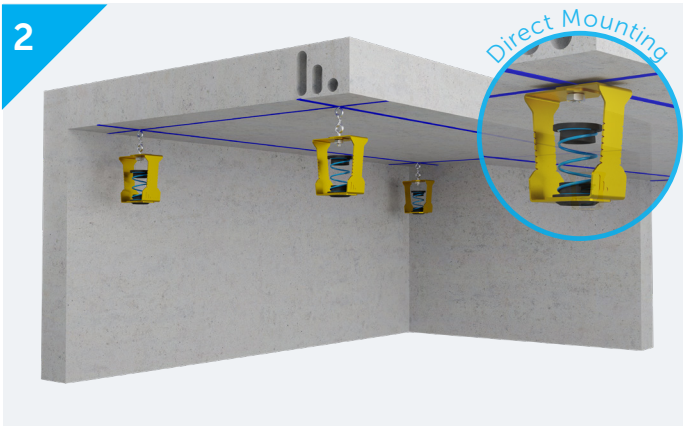
*Stravilink ICH-S can be with one eye bolt (bottom) or two eye bolts (top & bottom)

Model	Frame Type	Design Load at 25 mm (1") Deflection		Load Range		Spring Color
	Light	lbs	N	lbs	N	
ICH-S12	●	12	55	6-20	25-80	Light Ivory ●
ICH-S18	●	18	80	9-25	40-120	Pastel Green ●
ICH-S24	●	24	105	12-35	50-160	Light Green ●
ICH-S30	●	30	135	15-45	70-200	Grey Beige ●
ICH-S40	●	40	180	20-60	90-265	Light Blue ●
ICH-S50	●	50	220	25-75	110-330	Pearl Violet ●
ICH-S75	●	75	335	35-110	165-500	Heather Violet ●
ICH-S100	●	100	445	50-150	225-665	Purple Red ●
ICH-S150	●	150	665	50-225	335-1000	Traffic Yellow ●

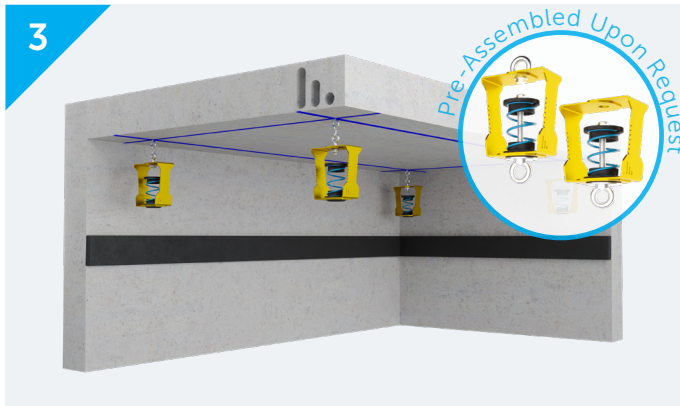
Ensure the supporting ceiling is physically sound, clean and dry prior to installation.



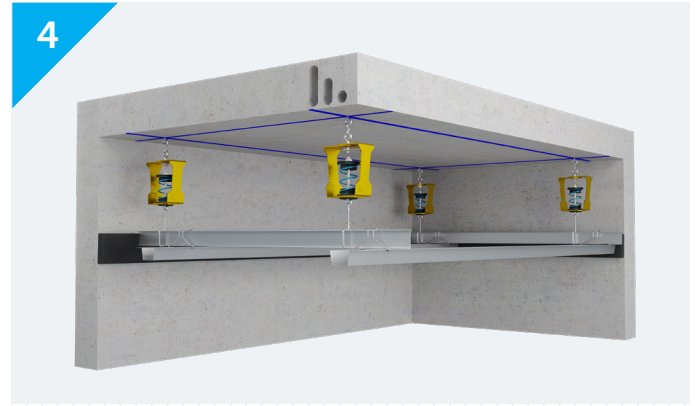
Use a cross-line laser to project a grid on the structural ceiling. Align intersections with hanger centers parallel to framing. Place perimeter isolators within 305 mm (12") of edges with 75 mm (3") wall clearance. Space mid-room units 1,220 mm (48") o.c.e.w.



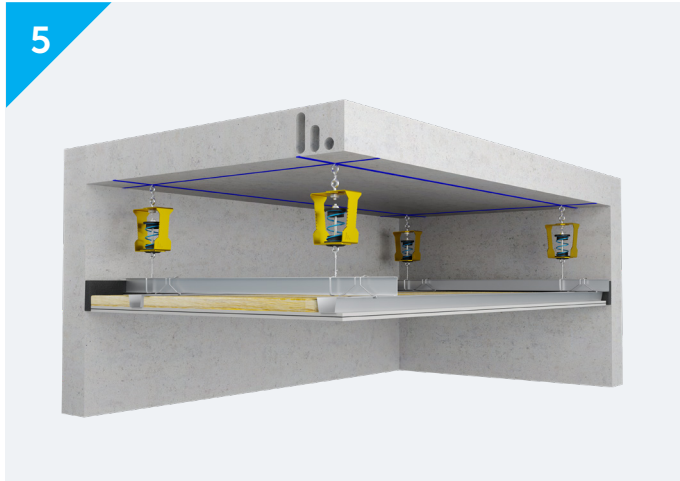
Fixings should be used that are suitable for the ceiling material type and load capacity. Fix the hangers at the intended level (it can be directly fixed to the slab soffit). Verify that all units align precisely with the Step 1 grid.



Install the perimeter strip above the finished ceiling level (after 25 mm (1") deflection). Ensure the strip remains continuous to prevent acoustic flanking. Add the eye bolt (can be supplied pre-assembled, upon request).



Attach the cold-rolled channels and furring using standard practices. Avoid contact with non-isolated components like walls or columns. Once assembled, verify the entire grid is perfectly level to ensure a flat finish for the boards.



Fasten boards to furring and install insulation. Do not compress the perimeter strip. Stagger all board joints for rigidity and acoustic performance.



Apply a continuous bead of flexible acoustic caulk to the underside to seal the gap. Perform a final inspection to confirm no rigid contact exists between the ceiling and the structure.

Follow the manufacturer's recommendations for installing other components, ensuring no rigid contact with the surroundings to prevent acoustic bridging.

DISCLAIMER

The documentation prepared by CDM Stravitec (including but not limited to installation guidelines) contain generally accepted procedures for a successful installation of Stravilink ICH-S for acoustically isolated ceiling hanger. Any part of the suggestions presented herein, or other documentation, may be followed, modified, or rejected by the owner, engineer, contractor, and/or their representative(s) since they, and not CDM Stravitec, are responsible for planning and execution procedures appropriate to a specific application. CDM Stravitec reserves the right to alter in part or in whole the documentation prepared as well any recommendations included. It is the responsibility of the Client (direct or indirect) to ensure they have always the latest documentation and to that effect CDM Stravitec encourage contact with its local representatives to review any project specific modifications to the suggested guidelines prior to the start of the installation on site.

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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