**Application**

Secured to concrete, metal deck, or structural framing, ICC incorporates a one-inch (1") rated deflection spring in series with a neoprene cup to resiliently support one or more layers of gypsum board. Attachment can be direct to concrete or metal deck, or it can be suspended from threaded rod that is properly anchored. A channel clip/leveling rod assembly is designed to carry a single piece of 1-1/2" x 1/2" 16-gage steel carrying channel. Drywall furring channel is attached to the carrying channel. The system provides the installer with a means for leveling the isolated ceiling framing. Gypsum board attaches quickly and easily thanks to a spacer bracket that holds the isolator rigid until the weight of the gypsum board compresses the spring. Incorporate ICC into any isolated ceiling design where one-inch (1") rated spring deflection and a ten-inch (10") airspace are needed for superior performance.

**Features**

- Maximum natural frequency of 4.4 Hz under lightest typical load conditions.
- STC 84, IIC 70 with two (2) layers of gypsum board suspended under a 6-inch concrete slab (75 psf) with 3-1/2" fiberglass batt in airspace.
- Multiple features incorporated into the design ensure inexpensive installation.
- Spring/neoprene cup combination improves performance against low-frequency noise.
- Actual installed load can vary between 75% and 150% of rated load without significant impact to ceiling performance.

**Product Detail**

- 0.38"/10mm Diameter Mounting Hole
- Spacer Bracket
- Hanger Bracket
- Neoprene Grommet
- Spring Cap
- Leveling Bolt
- Bottom Cap
- Channel Clip

**Dimensions**

- 7.38"/187mm
- 7.24"/184mm
STC/IIC Sound Test Data

STC-53  IIC-27

1 - 6" Concrete Slab

STC-84  IIC-70

1 - 6" Concrete Slab
2 - ICC Isolation Hanger
3 - 3-1/2" Insulation
4 - CRC in Channel Clip
5 - Drywall Furring Channel
6 - 2 Layers 5/8" Gypsum Board

STC-94  IIC-82

1 - 4" Concrete Slab
2 - 1/2" Plywood
3 - 2" RIM-Q-2-16
4 - 6" Concrete Slab
5 - ICC Isolation Hanger
6 - 3-1/2" Fiberglass Insulation
7 - Cold Rolled Channel (CRC)
8 - Drywall Furring Channel
9 - 2 Layers 5/8" Gypsum Board

Visit [www.kineticsnoise.com/arch/tests/icc.html](http://www.kineticsnoise.com/arch/tests/icc.html) for complete ICC STC/IIC Sound test data

Standard Capacities

<table>
<thead>
<tr>
<th>Model</th>
<th>Spring Color</th>
<th>Spring Rate (lb/in)</th>
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<tbody>
<tr>
<td>ICC-24</td>
<td>Blue</td>
<td>24</td>
</tr>
<tr>
<td>ICC-37</td>
<td>White</td>
<td>37</td>
</tr>
<tr>
<td>ICC-50</td>
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<td>50</td>
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<tr>
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<td>75</td>
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<tr>
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<tr>
<td>ICC-210</td>
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</tbody>
</table>

Also Available

Muta Spring Wire-Tie Ceiling Hanger with same spring capacities is also available from Kinetics. Contact your local sales representative for more information.

[Image of Muta Spring Wire-Tie Ceiling Hanger]

kineticsnoise.com
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1-800-959-1229

Kinetics Noise Control, Inc. is continually upgrading the quality of our products. We reserve the right to make changes to this and all products without notice.