

***RSIC-DC04X2HD INSTALLATION GUIDE***

**RSIC-DC04X2HD SOUND ISOLATION CLIP**

# **RSIC-DC04-X2HD**

**WOOD - STEEL - CONCRETE**



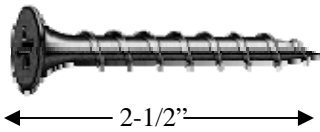
# RSIC-DC04X2HD SOUND ISOLATION CLIP



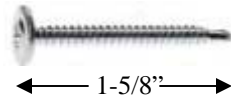
## RSIC-DC04X2HD Isolator Spacing and load:

- **Maximum Acoustical Design Load:** 288 Lbs per isolator.
- **Maximum Spacing allowed:** 48" x 48" oc.

## Approved Fasteners:



- **RSIC-DC04X2HD to Wood:** #8 x 2-1/2 inch minimum size coarse thread screw. (Recommended #12 or #10 x 2-1/2 inch hex head)



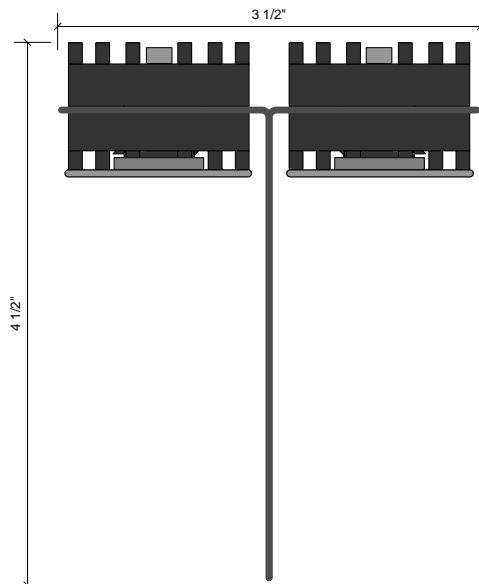
- **RSIC-DC04X2HD to Steel:** # 8 x 1-5/8 inch minimum size fine thread screw. (Recommended #12 or #10 x 1-5/8 inch hex head)



- **RSIC-DC04X2HD to Concrete:** 3/16" x 2" drive spike, 3/16" x 2" tapcon, 3/16" x 2" bent spike, or fastener with equal load capabilities (Minimum 120lbs Ultimate, Sheer and Pullout).

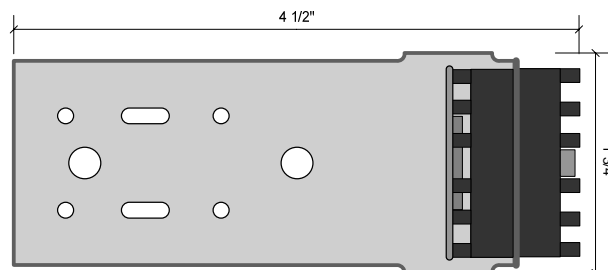


- DO NOT fasten Resilient Sound Isolation Clips (RSIC-DC04X2) to framing members with nails. Use only approved fasteners.

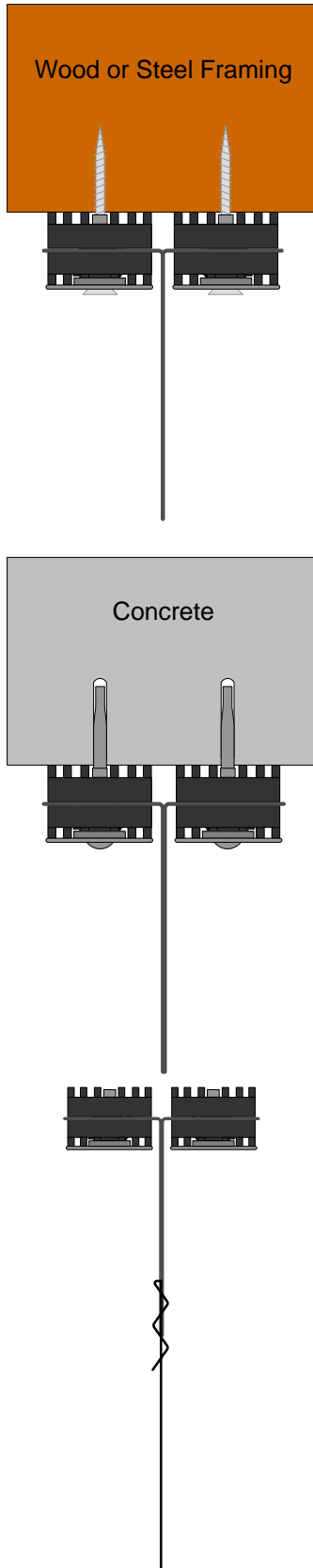


## RSIC-DC04X2HD Dimensions:

- RSIC-DC04X2HD clip 4-1/2" tall
- RSIC-DC04X2HD clip 1-3/4" wide
- RSIC-DC04X2HD clip 3-1/2" deep

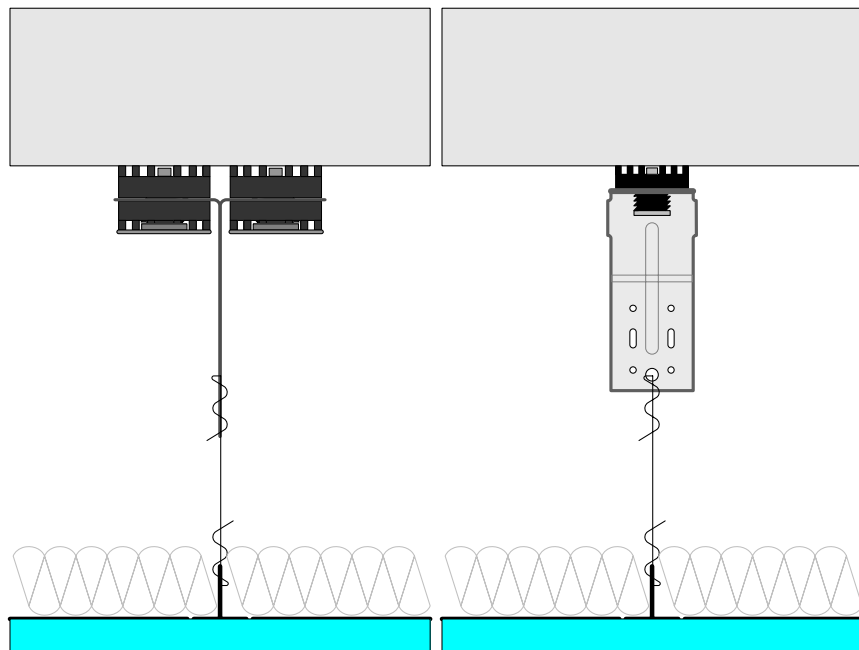


# RSIC-DC04X2HD SOUND ISOLATION CLIP



## Ceilings: Wood or Steel Framing.

- Resilient Sound Isolation Clip (RSIC-DC04X2HD) shall be 48 inches by 48 inches on center maximum.
- Fasten the Resilient Sound Isolation Clip (RSIC-DC04X2HD) to the structure members with approved fasteners.
- Ensure the internal metal ferrule is tight to the framing member.
- Locate the first and last row of RSIC-DC04X2HD clips within 8 inches from the wall.
- ( Optional) When drywall grid is used, the first row of RSIC-DC04X2HD clips may be spaced at 48" from the wall provided wall angle is used to support the main runners and T's at the wall ceiling intersection. The main runners and T's must be mechanically fastened to the wall angle with a screw or rivet.
- Min. 12 Ga annealed hanger wire tied through the existing 1/4" hole in the vertical leg of the RSIC-DC04X2HD clip.
- When using tie wire attached to the RSIC-DC04X2HD clip to hang a drywall grid ceiling follow the installation instruction provided by the manufacturer of the grid ceiling system.



## General Information:

- Resilient Sound Isolation Clip (RSIC-DC04X2HD) ceiling system shall not carry heavy loads such as cabinets or bookshelves
- Seal all potential air leaks with non-hardening acoustical caulking to achieve best noise control results. Use fire rated sealant where required.
- When attaching the RSIC clips to a steel stud the minimum allowable thickness of the steel stud is 20 Ga. (0.030).



# RSIC-DC04X2HD SOUND ISOLATION CLIP



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