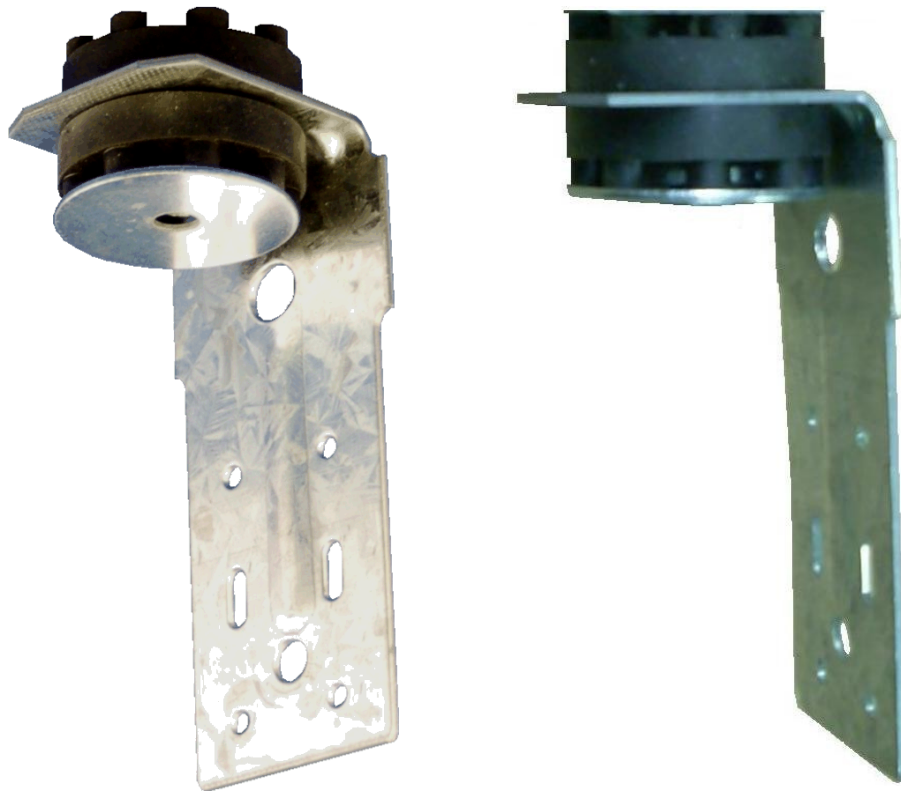


**RSIC-DC04HD INSTALLATION GUIDE**

**RSIC-DC04HD SOUND ISOLATION CLIP**

# RSIC-DC04HD

**WOOD - STEEL - CONCRETE**



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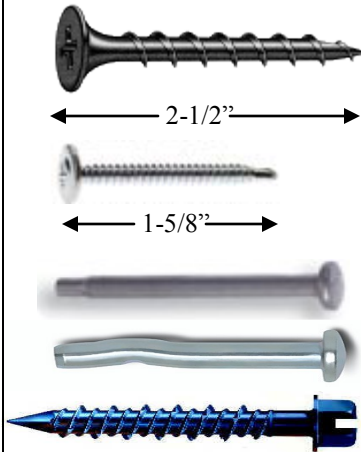
# RSIC-DC04HD SOUND ISOLATION CLIP



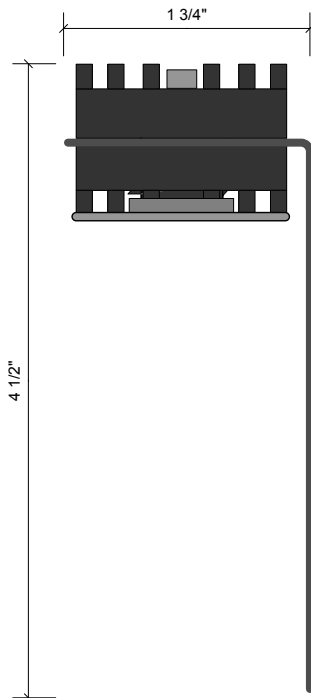
## RSIC-DC04HD Isolator Spacing and load:

- **Maximum Acoustical Design Load:** 72 Lbs per isolator.
- **Maximum Spacing allowed:** Spacing determined by load of supported materials. Recommended max 48" x 48" oc.

## Approved Fasteners:

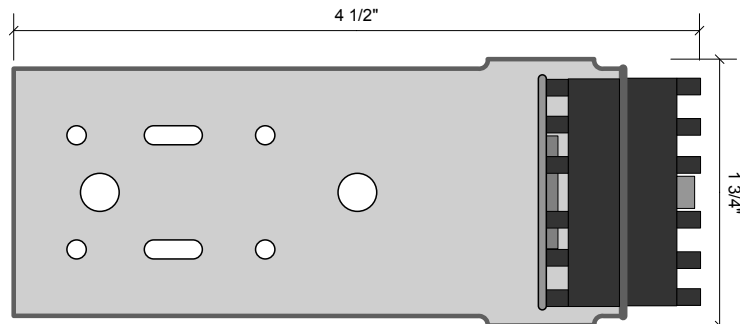


- **RSIC-DC04HD to Wood:** #8 x 2-1/2 inch minimum size coarse thread screw. (Recommended #12 or #10 x 2-1/2 inch hex head)
- **RSIC-DC04HD to Steel:** # 8 x 1-5/8 inch minimum size fine thread screw. (Recommended #12 or #10 x 1-5/8 inch hex head)
- **RSIC-DC04HD to Concrete:** Minimum 120lbs Ultimate, Sheer and Pullout, or fastener with equal load capabilities
  - 3/16" x 2" Ramset Redi-Drive Anchor
  - 3/16" x 2" Drive Spike
  - 3/16" x 2 1/2" Tapcon
- DO NOT fasten Resilient Sound Isolation Clips (RSIC-DC04HD) to framing members with nails. Use only approved fasteners.



## RSIC-DC04HD Dimensions:

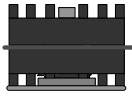
- RSIC-DC04HD clip 4-1/2" tall
- RSIC-DC04HD clip 1-5/8" wide
- RSIC-DC04HD clip 1-3/4" deep



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# RSIC-DC04HD SOUND ISOLATION CLIP



## RSIC-DC04HD ADM Isolator Spacing and load:

- **Maximum Acoustical Design Load:** 72 Lbs per isolator.
- **Maximum Spacing allowed:** Spacing determined by load of supported materials. Recommended max 48" x 48"oc.



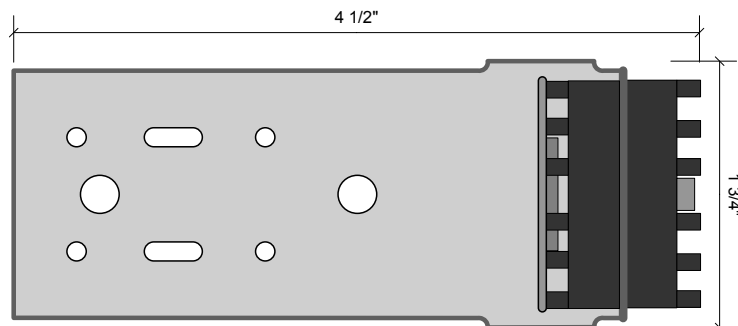
## Approved Fasteners:

- **RSIC-DC04HD ADM to Wood:** #8 x 1-1/2 inch minimum size coarse thread screw. (Recommended #12 or #10 x 2-1/2 inch hex head)
- **RSIC-DC04HD ADM to Steel:** # 8 x 1 inch minimum size fine thread screw. (Recommended #12 or #10 x 1-5/8 inch hex head)
- **RSIC-DC04HD ADM to Concrete:** Minimum 120lbs Ultimate, Sheer and Pullout, or fastener with equal load capabilities
- 3/4" min shoot in pin. (Gas or powder, provided by others)



## RSIC-DC04HD Dimensions:

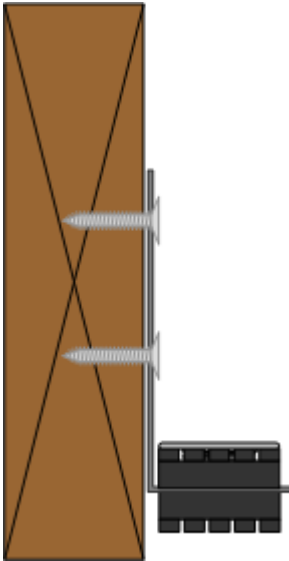
- RSIC-DC04HD clip 4-1/2" tall
- RSIC-DC04HD clip 1-5/8" wide
- RSIC-DC04HD clip 1-3/4" deep



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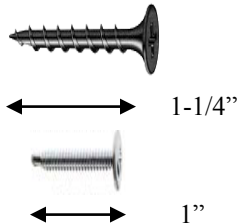
# RSIC-DC04 HD SOUND ISOLATION CLIP



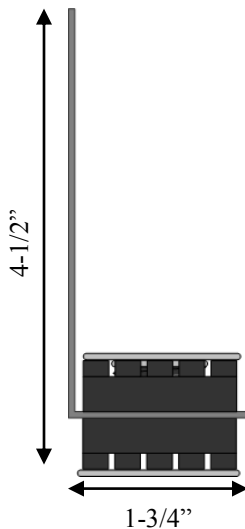
## RSIC-DC04 HD Isolator Spacing and load:

- **Maximum Acoustical Design Load:** 72 Lbs per isolator.
- **Maximum Spacing allowed:** Spacing determined by load of supported materials. Recommended max 48" x 48"oc.

## Approved Fasteners:



- **RSIC-DC04 HD to Side of Wood:** Minimum 2 ea #6 x 1-1/4 inch coarse thread screw
- **RSIC-DC04 HD to Steel:** Minimum 2 ea # 8 x 1 inch minimum fine thread screw.
- DO NOT fasten Resilient Sound Isolation Clips (RSIC-DC04 HD) to framing members with nails. Use only approved fasteners.

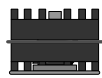
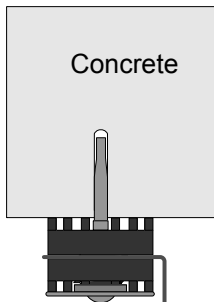
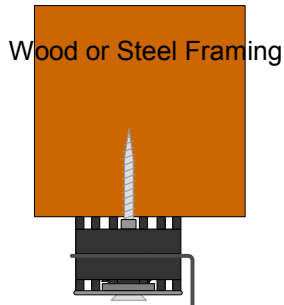


## RSIC-DC04 HD Dimensions:

- RSIC-DC04 clip 4-1/2" tall
- RSIC-DC04 clip 1-5/8" wide
- RSIC-DC04 clip 1-3/4" deep

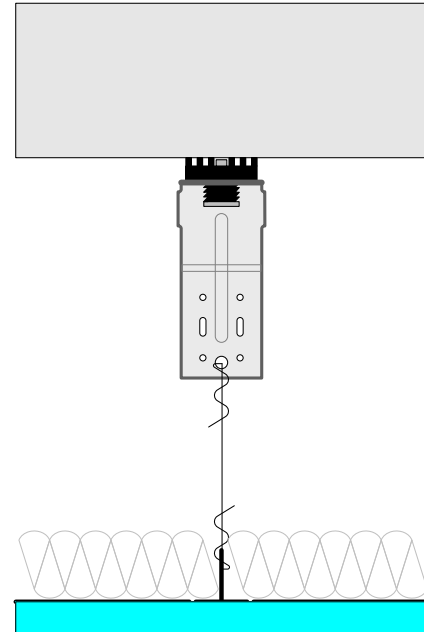
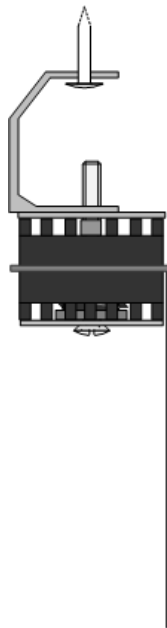
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# RSIC-DC04HD SOUND ISOLATION CLIP



## Ceilings: Wood or Steel Framing.

- Resilient Sound Isolation Clip (RSIC-DC04HD) shall be 48 inches on center maximum.
- Fasten the Resilient Sound Isolation Clip (RSIC-DC04HD) 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-DC04HD clips within 8 inches from the wall.
- Min. 12 Ga annealed hanger wire tied through the existing 1/4" hole in the vertical leg of the RSIC-DC04HD clip.
- When using tie wire attached to the RSIC-DC04HD clip to hang a drywall grid or cold rolled channel ceiling follow the installation instruction provided by the manufacturer of the grid ceiling system.

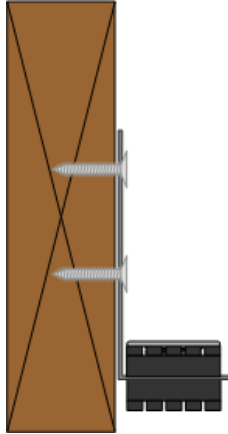


## General Information:

- Resilient Sound Isolation Clip (RSIC-DC04HD) ceiling system shall not carry heavy loads such as cabinets or bookshelves.
- Light fixtures additional weight must be supported by additional RSIC Isolators.
- Seal all potential air leaks at gypsum board with non-hardening acoustical caulking to achieve best noise control results. Use fire rated sealant where required. IE: wall-ceiling intersection, plumbing penetrations, HVAC penetrations, electrical boxes.
- When attaching the RSIC clips to a steel stud the minimum allowable thickness of the steel stud is 20 Ga. (0.030).

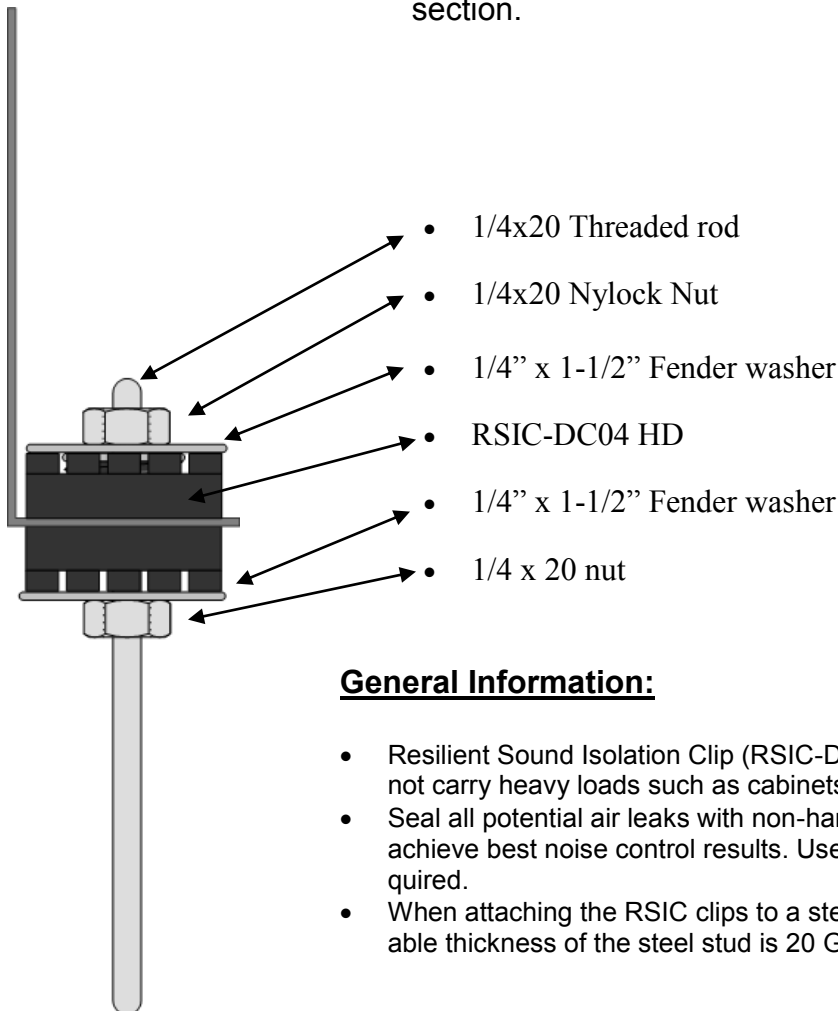
# RSIC-DC04 HD SOUND ISOLATION CLIP

Wood or Steel Framing



## Ceilings: Wood or Steel Framing.

- Resilient Sound Isolation Clip (RSIC-DC04 HD) shall be spaced to support 72 lbs maximum.
- Fasten the Resilient Sound Isolation Clip (RSIC-DC04 HD) to the structure members with 2 (min) approved fasteners.
- Ensure the clip is tight to the framing member.
- Locate the RSIC-DC04 HD clips within 8 inches from the wall.
- 1/4" threaded rod secured through the internal ferrule of the RSIC-DC04 clip with nuts and fender washers to support the large side of the RSIC-DC04 HD clip rubber section.



## General Information:

- Resilient Sound Isolation Clip (RSIC-DC04HD ) 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).

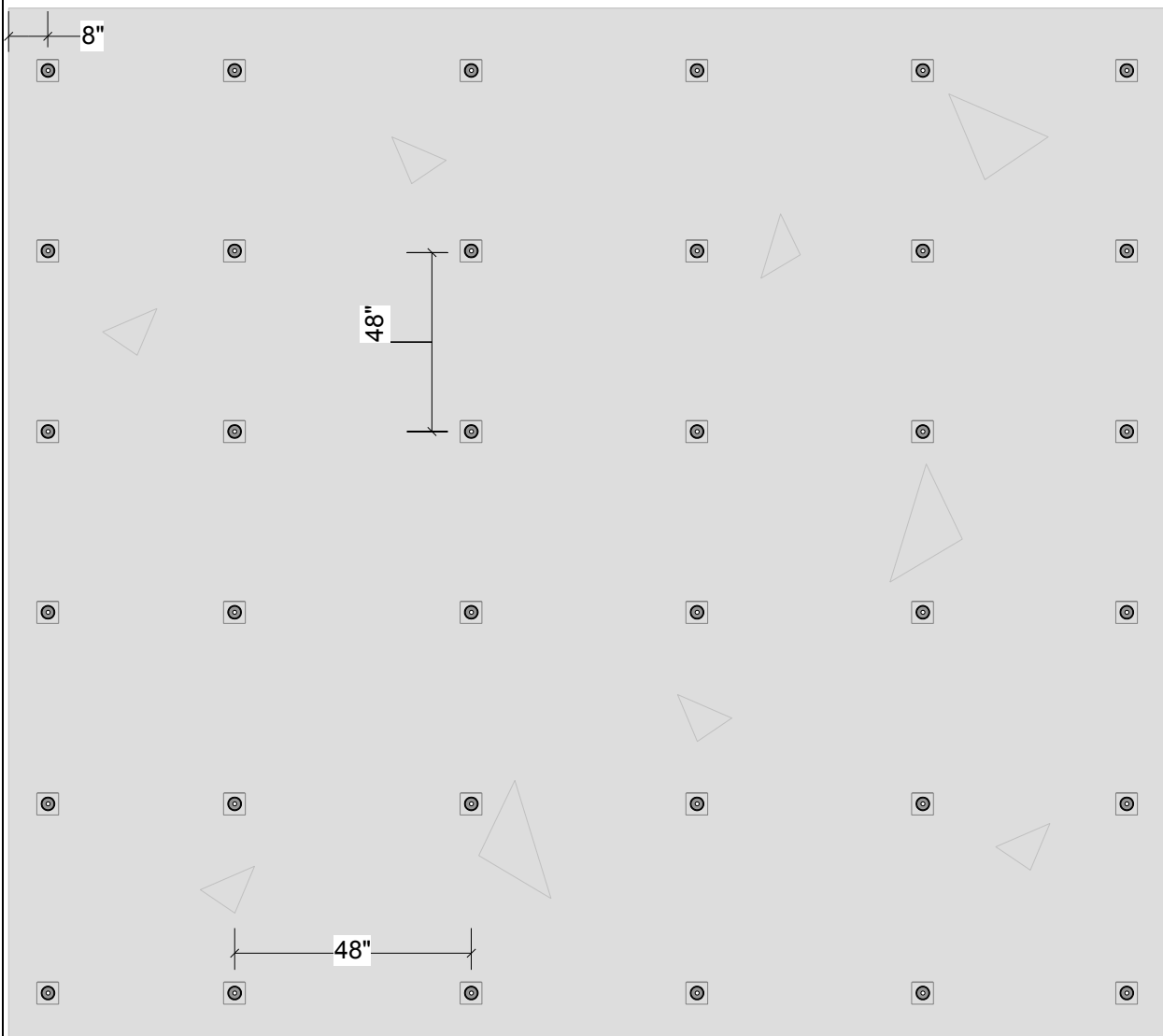
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# RSIC-DC04HD SOUND ISOLATION CLIP

APPLICATION RECOMMENDATIONS FOR  
CEILINGS, WOOD, STEEL, or CONCRETE.

INSTALLING RESILIENT SOUND ISOLATION CLIPS (RSIC-DC04HD)

**RSIC-DC04HD CLIPS AT 48" x 48" OC.**



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# RSIC-DC04HD SOUND ISOLATION CLIP



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