# THROUGH-STUD ISOLATORS / SUSPENSION CLAMPS

- **#261 (1/2" CTS)**, **#262 (3/4" CTS)**, **#263 (1" CTS)**, **#264 (1-1/4" CTS)**

When used as a “Through-Stud Isolator”:
1. Install tubing through hole in framing member.
2. Open clamp and install over tubing.
3. Close clamp and slide fully into hole.

When used as a “Suspension Clamp”:
1. Open clamp and install over tubing.
2. Slide into position next to the framing member.
3. Attach clamp to framing with two (2) fasteners.

# STOUT CLAMP (Variable size)

- **#250 (3/8"-1" CTS)**, **#280 (1"-2" CTS/IPS)**

1. Place base of clamp onto bracket/framing. Secure w/ one screw.
2. Place tubing onto base of clamp, with rubber isolator in place.
3. Push top of clamp over two posts on base of clamp. (Only hand tight)

# STANDARD CLAMPS (Variable size)

- **#255 (3/8"-1" CTS)**, **#285 (1"-2" CTS/IPS)**

1. Secure base of clamp to framing or other flat surface w/ one screw, or
2. Optional: Insert two (2) screws through end tabs.
3. Place tubing onto base of clamp, with rubber isolator in place.
4. Push top of clamp over two posts on base of clamp. (Only hand tight)

# STRUT CLAMPS (Variable size)

- **#257-P (3/8"-1" CTS)**, **#287-P (1"-2" CTS/IPS)**

1. Insert base of clamp into strut/channel, twist 90° clockwise.
2. Optional: To increase grip, insert screw (provided) thru base of clamp.
3. Place tubing onto base of clamp, with rubber isolator in place.
4. Push top of clamp over two posts on base of clamp. (Only hand tight)

# RISER CLAMP PAD

- **#276, #278**

1. Put isolation pad in position for riser clamp or leg of equipment.
2. Install riser clamp or equipment leg on top of isolation pad.

# ACOUSTICAL INSULATION LINER

- **#270, #271, Felt #8, Felt #100**

1. Cut to desired length, sufficient to isolate piping from hanger or building surface.
2. Place isolation liner onto framing, bracket, hanger, etc.
3. Install piping into hanger or next to isolated surface.

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