

IAPMO RESEARCH AND TESTING, INC.

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IAPMO R&T Product Listing



This IAPMO R&T Listing is current as of May 24, 2022

File Number:

2298

Issued To:

HOLDRITE (DIV. OF RELIANCE WORLDWIDE CORPORATION)

2300 DEFOOR HILLS ROAD, NW ATLANTA, GA , United States

Product:

Pipe Alignment & Secondary Support Systems

Products are in compliance with the following code(s):

Uniform Plumbing Code (UPC®)

International Plumbing Code (IPC®)

Products are in compliance with the following standard(s)

IAPMO PS 42-2013e1

IAPMO RESEARCH AND TESTING, INC.

CERTIFICATE OF LISTING



Issued To: HOLDRITE (DIV. OF RELIANCE WORLDWIDE CORPORATION)

File Number: 2298

Product: Pipe Alignment & Secondary Support Systems

This IAPMO R&T Listing is current as of May 24, 2022

Identification:

The product shall bear the manufacturer's name or trademark; and part or model number, when applicable. Markings shall be permanent, legible, and visible after installation, when practicable. The product shall also bear the UPC® certification mark.

Characteristics:

A pipe positioning system using a combination of brackets, clips, and straps. The exact configuration of the positioning system is dependent on the design of the plumbing system. To be installed in accordance with the manufacturer's instructions and the latest edition of the Uniform Plumbing Code.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

HOLDRITE®, PEXRITE®**Straps:**

Model Number	Description
100-18	1-1/4" x 20" 18 gauge copper plated steel strap 5/8" holes on 2" centers
101-18	1-1/4" x 20" 16 gauge copper plated steel strap 1/2" holes on 2" centers
101-18R	1-1/4" x 20" 16 gauge copper plated steel strap 1/2" holes extruded on 2" centers.
101-26	1-3/4" x 26" 16 gauge copper plated steel strap 1/2" holes on 2" centers.
101-26R	1-1/2" x 26" 16 gauge copper plated steel strap: 2 x extruded 3/4" holes, 8" apart, pattern centered on strap plate 9 x 1/2 extruded holes. All holes at 2" centers supports 3/4" water heaters.
102-18	1-3/4" x 18" 16 gauge copper plated steel strap 3/4" & 1" holes on 2" centers.
102-26	1-3/4" x 26" 16 gauge copper plated steel strap 3/4" & 1" hole on 2" centers.
103-18	2" x 20" 14 gauge galvanized steel strap accepts inserts with 1/2", 3/4" & 1" holes. Also used with other items such as model #704 bracket.
103-26	2" x 26" 14 gauge galvanized steel strap accepts inserts with 1/2", 3/4" & 1" holes. Also used with other items such as model #704 bracket.
107-18	1-3/4" x 18" 16 gauge copper plated steel strap 1/2", 3/4" & 1" holes on 2" centers.
108-20	1-3/4" x 20" 24 gauge copper plated steel strap 1/2" holes on 2" centers and 3/4" & 1" holes on 4" centers.
108-26	3/4" x 26" 24 gauge copper plated steel strap 1/2" holes on 2" centers and 3/4" & 1" holes on 4" centers.

Brackets:

Model Number	Description
101F	1/1/4" x 3-1/8" .025 solid copper; single 1/2" extruded hole in center; nail holes. Secures supply at floor penetration.
107-26	Copper-plated steel bracket with holes for 1/2", 3/4", 1" and 1-1/4" CTS copper tube.
109	3" x 3-3/4" 16 gauge copper plated steel "L" bracket: features nail holes and self-nailers, two 1/2" holes and one 3/4" hole. Nails to bottom of a stud wall and fixtures the required height for a water closet supply line.
109A	7-1/2" x 2-3/4" gauge copper plated steel "L" bracket; 1-3/4" wide, four 1/2" extruded holes aligned vertically, and nail holes. Fasten to floor; fixtures water closet supplies at height of 2-3/4", 4-1/2", 6", or 7".
109A9	9-1/2" x 2" 16 gauge copper plated steel "L" bracket; 1-3/4" wide, five 1/2" extruded holes and one 1/2" stamped hole aligned vertically, and nail holes. Fasten to floor; fixtures water closet supplies at heights of 2-3/4", 4-1/2", 6", 7", 8" or 9".
109N	5-1/2" x 5" 16 gauge copper plated steel flat "T" bracket: nail holes and nail spikes, two 1/2" holes and one 3/4" hole. Fixtures the required height for water closet supplies, also functions as nail plate
109-N-6	6-3/4" x 5" 16-gauge copper-plated steel flat "T" bracket, reinforced for strength: nail holes and nail spikes; three 1/2" extruded holes and one 3/4" extruded hole, aligned vertically, for soldering to pipe. Fixtures multiple heights, including 6" exactly, for water closet supplies; also functions as nail plate.
110-R	2" x 10" 16 gauge galvanized steel slip-over bracket (furnished with two #104 1/2" polyethylene inserts and one 3-1/2" band to clamp bracket to pipe sizes 3" and under).
110-S-1/2	9-1/4" x 2-1/2" 16GA copper-plated steel bracket with 9 @ 1/2" half-holes at 1" spacing for positioning and soldering copper tube; mounts at center to waste/vent piping using band clamp.
111-S	9-1/2" x 1-1/2" 16GA copper-plated steel bracket with 6 @ 1/2" half-holes at 4", 6" and 8" centers, and 4 @ 3/4" half-holes at 4" and 8" centers, for positioning and soldering copper tube; mounts at center to waste/vent piping using band clamp.
112	5" x 6" 16 gauge galvanized steel angle bracket (furnished with two #104 1/2" polyethylene inserts, one #105 3/4" polyethylene insert and one 4" band to clamp bracket to pipe sizes 3-1/2" and under).
114-C	1" x 22-1/4" 16 gauge galvanized steel "U" bracket: two 5/8" holes spaced for mounting upright to carrier unit, additional 5/8" holes on 2" centers. Single 1-3/8" hole at one end holds plastic pipe support insert. Supports water pipe 26-1/2" above floor and offsets flush valve 4-1/2" from carrier center.
114-EXT	1" x 7/8" x 27" long 16-gauge galvanized steel "U" bracket: 5/8" wide slot for mounting upright to carrier unit; 17 additional 5/32" holes at 1" spacing along bracket centerline. Used as adjustable extension for #114 carrier bracket.

Model Number	Description
114C	1" x 22-1/4" 16 gauge copper plated steel "U" bracket: two 5/8" holes spaced for mounting upright to carrier unit, additional 5/8" holes on 2" centers. Single 1-1/8" extruded hole at one end for soldering 1" copper pipe. Supports water pipe 26-1/2" above floor and offsets flush valve 4-1/2" from carrier center.
114-CO	1" x 23-1/4" 16 gauge copper plated bracket: 5/8" wide slot for mounting upright to closet carrier. Overlapping 1-1/8" dia extruded holes at one end, offset 1/4" left and right of centerline, for soldering 1" copper CTS. Supports water line 26-1/2" above floor, offsets flush valve 4-3/4" from carrier center.
114C-EXT	1" x 7/8" x 27" long 16-gauge copper-plated steel "U" bracket: 5/8" wide slot for mounting upright to carrier unit; 17 additional 5/32" holes at 1" spacing along bracket centerline. Used as adjustable extension for #114C and #114CR carrier brackets.
114CR	1" x 23-1/4" 16-gauge copper-plated steel "U" bracket: 5/8" wide slot for mounting upright to carrier unit; additional 5/8" holes on 2" centers. Single extruded "U"-notch at one end for easy snap-in and soldering of 1" copper pipe. Supports water pipe 26-1/2" above floor; offsets flush valve 4-1/2" from carrier center.
115/115C	7-1/2" x 2" x 1-1/2" 16 gauge galvanized or copper plated steel channel bracket designed to be attached to vent or waste pipes and can support up to two (2) 2" water lines.
116	2" x 1-1/2" x 48" 16 gauge galvanized "U" shaped channel.
118-T6	9-16" x 1.5" x 1.75" 16GA copper-plated steel bracket: mounts at center to 1-1/2" to 2" DWV using band clamp; four 1/2" and two 3/4" half-holes in symmetrical pattern. Positions copper water lines parallel to DWV: 1/2" lines at 4" and 8" centers, 3/4" lines at 6" center. Fits within 2-1/2" stud wall.
118-T8	9-16" x 1.5" x 1.75" 16GA copper-plated steel bracket: mounts at center to 1-1/2" to 2" DWV using band clamp; four 1/2" and two 3/4" half-holes in symmetrical pattern. Positions copper water lines parallel to DWV: 1/2" lines at 4" and 6" centers, 3/4" lines at 8" center. Fits within 2-1/2" stud wall.
120	3-1/2" x 1-3/4" 16 gauge galvanized steel flat bracket with nail holes at one end for extension mounting, used for running single pipe; "forked" cutout, for use with 1/2", 3/4" or 1" Holdrite® inserts.
121	2" x 1-1/2" 16 gauge galvanized steel angle bracket available with either 1/2", 3/4" or 1" inserts.
121-D	5" x 3" 20-gage galvanized steel angle bracket available with 1/2", 3/4" or 1" inserts, holds two lines of CTS tubing side by side @ 2-1/2" centers. The hole pattern on the 90 degree base allows for attachment to any flat surface. The bracket can also be suspended by 3/8" threaded rod, or may be embedded in poured concrete structures.
121-DL	20 gage galvanized steel bracket that supports dual lines of 1/4", 3/4" or 1" Copper, PEX or CPVC tubing at 3" center line height. The hole pattern on the 90deg. base allows for attachment to any flat surface. The bracket can also be suspended by 1/4" or 3/8" threaded rod. Each 2-1/8" diameter hole allows for an insulation shield and uninterrupted insulation to pass through.
121-DLS	20 gage galvanized steel bracket that supports dual lines of 1/2", 3/4" or 1" Copper, PEX or CPVC tubing at 3" center line height. The hole pattern on the 90deg. base allows for attachment to any flat surface. The bracket can also be suspended by 1/4" or 3/8" threaded rod
121-DS	20 gage galvanized steel bracket that supports dual lines of 1/2", 3/4" or 1" Copper, PEX or CPVC tubing at 1-1/4" center line height. The hole pattern on the 90 degree base allows for attachment to any flat surface. The bracket can also be suspended by 3/8" threaded rod, or may be embedded in poured concrete structures.
125-D	5" x 9-3/4" x 1-3/4" 18-gage galvanized steel bracket available with 1/2", 3/4" or 1" inserts, holds two lines of CTS tubing side by side @ 2-1/2" centers; for embedment in poured concrete structures.
121-L	2-1/2" x 5" 20-gage galvanized steel angle bracket available with 1/2", 3/4" or 1" inserts, holds two lines of CTS tubing with one above the other @ 2" centers. The hole pattern on the 90 degree base allows for attachment to any flat surface. The bracket can also be suspended by 3/8" threaded rod, or may be embedded in poured concrete structures.
121-O	4" x 4-1/2" 20-gage galvanized steel angle bracket available with 1/2", 3/4" or 1" inserts, holds three lines of CTS tubing arranged in a triangle @ 2-1/4" centers.
121-R	2-1/8" x 1-1/2" 18 gauge galvanized steel angle bracket designed for running single pipe overhead; full circle cutout for use with 1/2", 3/4" or 1" Holdrite® inserts. The hole pattern on the 90 degree base allows for attachment to any flat surface. The bracket can also be suspended by 3/8" threaded rod, or may be embedded in poured concrete structures.
121-RL	20 gage galvanized steel bracket that supports a single line of 1/2", 3/4" or 1" Copper, PEX or CPVC tubing at 3" center line height. The hole pattern on the 90deg. base allows for attachment to any flat surface. The bracket can also be suspended by 1/4" or 3/8" threaded rod. The 2-1/8" diameter hole allows for an insulated shield and uninterrupted insulation to pass through.
121-RLS	20 gage galvanized steel bracket that support a single line of 1/2", 3/4" or 1" Copper, PEX or CPVC tubing at 3" center line height. The hole pattern on the 90deg. base allows for attachment to any flat surface. The bracket can also be suspended by 1/4" or 3/8" threaded rod.
121-W	2-7/8" x 1-1/2" 18 gauge galvanized steel angle bracket for running single pipe overhead, positions pipe at 2" from surface. 1-3/8" dia. hole for use with 1/2", 3/4", or 1" Holdrite® inserts.
122	1-1/2" x 4" x 1-3/4" 16 gauge galvanized steel bracket to be used with HOLDRITE inserts. The bracket can be fastened to studs, walls, struts, roofs or lab benches. It is designed for use with single runs where a 3" offset center is desired.

Model Number	Description
123	1-1/2" x 2" x 1-3/4" 16 gauge galvanized steel bracket to be used with HOLDRITE inserts. The bracket can be fastened to studs, walls, struts, roofs and lab benches. It is designed for use with single runs where a 1-1/2" offset center is desired.
140	2" x 20" 16 gauge copper plated steel 1/2" half holes on 2" centers and 3/4" half holes on 4" centers.
141	1" x 1" x 20" 16 gauge copper plated steel right angle bracket: 1/2" half-holes on 1" centers, 3/4" half-holes on 4" centers and nail holes. Extruded surfaces at half-holes for soldering to copper pipe; bracket is split along bend at both ends to allow forming as required at installation.
142	1-1/4" x 20" 16 gauge copper-plated steel; 1/2" extruded half-holes on 1" centers; nail holes.
150-20	Copper plated with 1/2" and 3/4" holes on 4" centers.
150-26	Copper plated with 1/2" and 3/4" holes on 4" centers.
170	5/8" x 18" long 18 gauge galvanized steel angle bracket with fastener tabs at both ends, e.g., for mounting between studs. Slotted on both surfaces for attaching fittings, clamps, etc., using #8 screws. Perforated at both ends along bend line to facilitate cutting and bending to desired length.
170-26	Galvanized, slotted steel bracket.
170-C	5/8" x 18" long 18 gauge copper-plated steel angle bracket with fastener tabs at both ends, e.g., for mounting between studs. Slotted on both surfaces for attaching fittings, clamps, etc., using #8 screws. Perforated at both ends along bend line to facilitate cutting and bending to desired length.
200	5-1/2" x 7" 16 gauge galvanized steel angle bracket 1-1/4", 1-1/2" or 2" inserts.
251	Plastic multi-size clip used with Hubbard #170 series brackets.
257-S	Small plastic plenum-rated clip for 1/4-turn strut.
257-DT	Strut Clamp, Mid
257-DTS	Strut Clamp, Mid (Kynar)
257-DTL	Strut Clamp, Long
257-DTLS	Strut Clamp, Long (Kynar)
280-S	4-3/8" x 5-1/8" x 7/8", 2-piece fluoropolymer clamp for single pipe or tube; secures sizes from 1" to 2" CTS. Designed to attach to Hubbard EZ Strut™ or Stout Bracket™
285-S	4-5/16" x 4-1/16" x 7/8", 2-piece fluoropolymer clamp for single pipe or tube; secures sizes from 1" to 2" CTS. Flat mounting face attaches to surfaces with screws or anchors.
287-S	Large plastic plenum-rated clip for 1/4-turn strut.
601-20	1-3/4" x 20" 20 gauge galvanized steel; 1" holes on 2" centers; nail holes. Reinforced for strength; designed for use with #600 series PVC inserts.
601-26	1-3/4" x 26" 20 gauge galvanized steel; 1" holes on 2" centers; nail holes. Reinforced for strength; designed for use with #600 series PVC inserts.
609-A	6-3/4" x 1-3/4" 20-gage galvanized steel flat bracket, reinforcing ribs; 2 holes @ 1" diameter and 2" centers, and nail holes; mount vertically or horizontally; designed specifically for use with Holdrite® #604 or #605 plastic inserts.
609N-6	6-3/4" x 5" 16-gauge galvanized steel flat "T" bracket, reinforcing ribs; 4 holes @ 1" diameter, inline @ 1-1/4" centers, nail holes; fixes multiple heights, for water closet supplies; functions as nail plate; designed specifically for Holdrite® #604 or #605 plastic inserts
609N-6P	6-3/4" x 5" 16-gauge galvanized steel flat "T" bracket, reinforcing ribs; 2 holes @ 1" diameter & 1-1/4" centers, nail holes; fixes multiple heights, for water closet supplies; functions as nail plate, with larger nail plate area than 609N-6; designed specifically for Holdrite® #604 OR # 605 plastic inserts.
701	1/2-inch insert for use with various Hubbard straps and brackets
702	3/4-inch insert for use with various Hubbard straps and brackets
704	5-1/2" x 4" (approx.) plastic 90deg. turnout for 3/8" and 1/2" PEX tubing. Can be fastened directly to stud/joist or mounted to compatible straps and brackets.
705	Plastic 90deg., supports one 3/8" — 5/8" O.D. flexible tubing line (PEX or soft copper). Ideal for positioning tubing at 90deg. prior to concrete slab pouring. For elevated slabs, nail bracket to form decking or edge form. When used at a fixture stub-out location, nail or screw support base to framing cross-member.
706	Plastic 90deg., supports one 3/8" - 5/8" O.D. flexible tubing line (PEX or soft copper). Ideal for positioning tubing at 90° prior to concrete slab pouring. For slab-on-grade (ground work), secure bracket with #4 rebar driven into the ground.

Model Number	Description
707	Pop-Up™ supports one 1/2" or one 3/4" flexible tubing line (Pex or softer copper). Ideal for positioning tubing prior to concrete slab pouring. For elevated slabs, nail bracket to form decking or edge form. For slab-on-grade (ground work), secure bracket with #4 rebar driven into the ground.
707-E	Pop-Up™ supports flexible pipe and tubing lines or rigid conduit up to 1" IPS in a 90deg. pattern. Ideal for positioning in-slab pouring. For elevated slabs, nail or screw bracket to form decking or edge form. For slab-on-grade (ground work), secure bracket with #4 rebar driven into the ground.
708	10-1/2" x 10-1/4" x 2-3/4" plastic 90deg. turn-up for positioning 3/8" through 3/4" PEX tubing, soft copper, flex conduit, etc. Primarily intended to be embedded in slabs or cast-in-place concrete floor structures. Fastens to form decking, framing or rebar prior to concrete pour, to transition waterlines from within wall to floor ceiling level.
708-E	Plastic POP-UP™ supports flexible pipe and tubing lines or rigid conduit up to 2" in a 90deg. pattern. Ideal for positioning pipe prior to concrete slab pouring. For elevated slabs, nail bracket to form decking or edge form. For slab-on-grade (ground work), secure bracket with #4 rebar driven into the ground.
709	2" x 7" galvanized flat bracket: two 1-3/8" holes with notches, nail holes. Accepts insert with 1/2", 3/4" and 1" holes; also used with items such as Model #704 bracket.
709-EXT	2" x 8" x 3" galvanized steel "L" bracket: four 1-3/8" holes with key notches, nail holes. Accepts various Holdrite® inserts and clamps having 1-3/8" OD and 1/2", 3/4", or 1" through-holes; also used with Holdrite Model #704 bracket.
709-L	2" x 4-1/4" x 3" galvanized "L" bracket: two 1-3/8" holes with notches, nail holes. Accepts inserts with 1/2", 3/4" and 1" holes; also used with items such as Model #704 bracket.
710	2" x 8" x 3" galvanized "L" bracket: four 1-3/8" holes with notches, nail holes. Accepts inserts with 1/2", 3/4" and 1" holes; also used with items such as Model #704 bracket.
721	2-3/4" x 3-3/8" 14-gauge galvanized flat bracket; single 1-3/8" hole and nail/screw holes; attaches to Holdrite® SB-series brackets, or to other surfaces; designed for #704 Pexrite™ bracket, works with others.
731	Pexrite Assembly
732	Pexrite Assembly
734	Pexrite Assembly
SB	Two-piece telescoping support bracket with square cross-section; slotted on three sides for attaching fittings, etc., using #8 screws; tabs at both ends for attaching to studs or other structure; telescopes to fit gap of 6" to 10".
SB-1	Two-piece telescoping support bracket with square cross-section; slotted on three sides for attaching fittings, etc., using #8 screws; tabs at both ends for attaching to studs or other structure; telescopes to fit gap of 10" to 18".
SB-2	Two-piece telescoping support bracket with square cross-section; slotted on three sides for attaching fittings, etc., using #8 screws; tabs at both ends for attaching to studs or other structure; telescopes to fit gap of 13" to 24"
SB-3	Stout Bracket telescoping support system. Hole pattern permits attachment of wide variety of Clamps, Fittings, J-Boxes, Outlet Boxes, etc.
SB-4	Stout Bracket telescoping support system. Hole pattern permits attachment of wide variety of Clamps, Fittings, J-Boxes, Outlet Boxes, etc.
V2	4-1/2" x 4-1/2" x 2" 16 gauge copper plated steel; "V" shaped cradle to support 1/2" through 3" copper pipe; accessory holes and slots. Attaches to vent or waste pipe, or to flat surface.

Pipe Positioning Systems:

Model Number	Description
MP-20	3/4"
MP-20	1"
MP-26	3/4"
MP-26	1"
111-S	1/2"
111-S	3/4"
111-S	1"
121-S	1/2"

Model Number	Description
121-S	3/4"
121-S	1"
150	

Inserts:

Model Number	Description
104	1/2" polyethylene insert
104-R	1/2" fire retardant insert
105	3/4" polyethylene insert
105-R	3/4" fire retardant insert
106	1" polyethylene insert
106-R	1" fire retardant insert
161	1/2", 3/4", 1" CTS through-stud pipe isolators
162	1/2", 3/4", 1" CTS through-stud pipe isolators
163	1/2", 3/4", 1" CTS through-stud pipe isolators
161Z10	1/2" DIA THRU-STUD SUPPORT, PLASTIC, 10 PACK
162Z10	3/4" DIA THRU-STUD SUPPORT, PLASTIC, 10 PACK
204-R	1-1/4" fire retardant insert
205-R	1-1/2" fire retardant insert
206-R	2" fire retardant insert
403	3/8" polyethylene insert
403-R	3/8" polyethylene insert, fire retardant
404	1/2" polyethylene insert
404-R	1/2" fire retardant insert
404-S	1/2" fluoropolymer insert, fire retardant and low-smoke
405	3/4" polyethylene insert
405-R	3/4" fire retardant insert
405-S	3/4" fluoropolymer insert, fire-retardant and low-smoke
406	1" polyethylene insert
406-R	1" fire retardant insert
406-S	1" fluoropolymer insert, fire-retardant and low-smoke
424	Polypropylene insert for 1/2" CTS tube, fits 1-11/32" to 1-3/8" hole in metal studs or sheet metal brackets
425	Polypropylene insert for 3/4" CTS tube, fits 1-11/32" to 1-3/8" hole in metal studs or sheet metal brackets
426	Polypropylene insert for 1" CTS tube, fits 1-11/32" to 1-3/8" hole in metal studs or sheet metal brackets
424-R	Fire-retardant polypropylene insert for 1/2" CTS tube, fits 1-11/32" to 1-3/8" hole in metal studs or sheet metal brackets.
425-R	Fire-retardant polypropylene insert for 3/4" CTS tube, fits 1-11/32" to 1-3/8" hole in metal studs or sheet metal brackets.
426-R	Fire-retardant polypropylene insert for 1" CTS tube, fits 1-11/32" to 1-3/8" hole in metal studs or sheet metal brackets.
424-S	Plenum-rated PVDF insert for 1/2" CTS tube, fits 1-11/32" to 1-3/8" hole in metal studs or sheet metal brackets.
425-S	Plenum-rated PVDF insert for 3/4" CTS tube, fits 1-11/32" to 1-3/8" hole in metal studs or sheet metal brackets.
426-S	Plenum-rated PVDF insert for 1" CTS tube, fits 1-11/32" to 1-3/8" hole in metal studs or sheet metal brackets.
604	1/2" PVC insert

Model Number	Description
605	3/4" PVC insert

Clips:

Model Number	Description
130	2-1/8" x 2-1/4" 21 gauge solid copper full hole clip which accommodates 1/2" copper tubing
131	2-3/8" x 2-1/4" 21 gauge solid copper full hole clip which accommodates 3/4" copper tubing
132	2-5/8" x 2-1/4" 21 gauge solid copper full hole clip which accommodates 1" copper tubing
133	1-5/8" x 2-1/4" 21 gauge solid copper half hole clip which accommodates 1/2" copper tubing
134	1-3/4" x 2-1/4" 21 gauge solid copper half hole clip which accommodates 3/4" copper tubing
135	1-7/8" x 2-1/4" 21 gauge solid copper half hole clip which accommodates 1" copper tubing
136	2-7/8" x 2-1/4" 21 gauge solid copper full hole clip which accommodates HOLDRITE 1/2", 3/4" and 1" inserts
181	HOLDRITE Single Nail Clamp is ideal for "Surface Mounted" positioning of 1/2" CTS tubing (Copper, CPVC, or PEX). The nail is pre-loaded into the clamp for quick installation. Provides protection against tubing damage caused by abrasion or dissimilar metal contact.
182	HOLDRITE Single Nail Clamp is ideal for "Surface Mounted" positioning of 3/4" CTS tubing (Copper, CPVC or PEX). The nail is pre-loaded into the clamp for quick installation. Provides protection against tubing damage caused by abrasion or dissimilar metal contact.
183	HOLDRITE Single Nail Clamp is ideal for "Surface Mounted" positioning of 1" CTS tubing (Copper, CPVC or PEX). The nail is pre-loaded into the clamp for quick installation. Provides protection against tubing damage caused by abrasion or dissimilar metal contact.
201	3/4" x 1-3/4" x 2" plastic clamp for single 1/2" CTS tube; loop surrounds tube, is retained by ratchet teeth; base has fastener slot, mounts to Hubbard HOLDRITE® Stout Bracket™ or any flat surface.
201-T	1" x 1-3/4" plastic clamp has two loops for paired 1/2" CTS tubes; base telescopes for tube spacing 1-5/8" to 3-3/16", or disassembles; loop surrounds tube, is retained by ratchet teeth; base has fastener slot, mounts to Hubbard HOLDRITE® Stout Bracket™ or any flat surface.
202	3/4" x 1-3/4" x 2" plastic clamp for single 3/4" CTS tube; loop surrounds tube, is retained by ratchet teeth; base has fastener slot, mounts to Hubbard HOLDRITE® Stout Bracket™ or any flat surface.
202-T	1" x 1-3/4" plastic clamp has two loops for paired 3/4" CTS tubes; base telescopes for tube spacing 1-5/8" to 3-3/16", or disassembles; loop surrounds tube, is retained by ratchet teeth; base has fastener slot, mounts to Hubbard HOLDRITE® Stout Bracket™ or any flat surface.
211	1" x 1.2" x 3/4" rigid PVC clip for single 1/2" CTS Tube; base has fastener slot, mounts to Hubbard Holdrite® Stout Bracket™ or other surfaces; retains tubing by snap fit, can be cemented to PVC or CPVC tube for permanent mount.
211-S	1" x 1.2" x 3/4" fluoropolymer (plastic) saddle clamp for single 1/2" CTS tube; base has fastener slot, mounts to Hubbard Holdrite® Stout Bracket™ or other surfaces; retains tubing by snap fit. Low smoke and flame spread for special applications, e.g., return air plenums; material meets ASTM E-84 25/50.
212	1" 1-3/8" x 3/4" rigid PVC clip for single 3/4" CTS tube; base has fastener slot, mounts to Hubbard Holdrite® Stout Bracket™ or other surfaces; retains tubing by snap fit, can be cemented to PVC or CPVC tube for permanent mount.
212-S	1" x 1-3/8" x 3/4" fluoropolymer (plastic) saddle clamp for single 3/4" CTS tube; base has fastener slot, mounts to Hubbard Holdrite® Stout Bracket™ or other surfaces; retains tubing by snap fit. Low smoke and flame spread for special applications, e.g., return air plenums; material meets ASTM E-84 25/50.
221	1/2" CTS Suspension Clamp
221-S	1.6" x 2.25" x .7" fluoropolymer (plastic) 2-hole suspension clamp for 1/2" CTS tube; mounts to Hubbard Holdrite® Stout Bracket™ or other surfaces. Low smoke and flame spread for special applications, e.g., return air plenums; material meets ASTM E-84 25/50.
222	3/4" CTS Suspension Clamp
222-S	1.8" x 2.25" x .7" fluoropolymer (plastic) 2-hole suspension clamp for 3/4" CTS tube; mounts to Hubbard Holdrite® Stout Bracket™ or other surfaces. Low smoke and flame spread for special applications, e.g., return air plenums; material meets ASTM E-84 25/50.
223	1" CTS Suspension Clamp
224	1-1/4" CTS Suspension Clamp

Model Number	Description
225	1-1/2" CTS Suspension Clamp
226	2" CTS Suspension Clamp
227	1-1/2" IPS Suspension Clamp
228	2" IPS Suspension Clamp
231	1/2" CTS Standard Clamp
231-S	1" x 2-1/8" x 11/16" fluoropolymer (plastic) 2-hole standard clamp for 1/2" CTS tube; mounts to Hubbard Holdrite® Stout Bracket™ or other surfaces. Low smoke and flame spread for special applications, e.g., return air plenums; material meets ASTM E-84 25/50.
232	3/4" CTS Standard Clamp
232-S	1-1/4" x 2-1/8" x 11/16" fluoropolymer (plastic) 2-hole standard clamp for 3/4" CTS tube; mounts to Hubbard Holdrite® Stout Bracket™ or other surfaces. Low smoke and flame spread for special applications, e.g., return air plenums; material meets ASTM E-84 25/50.
233	1" CTS Standard Clamp
234	1-1/4" CTS Standard Clamp
235	1-1/2" CTS Standard Clamp
236	2" CTS Standard Clamp
237	1-1/2" IPS Standard Clamp
238	2" IPS Standard Clamp
241	7/8" x 1-7/16" x 3" steel clamp for single 1/2" CTS tube; resilient liner for acoustic isolation; loop surrounds tube, is retained by catch; base has fastener slot, mounts to Hubbard HOLDRITE® Stout Bracket™ or any flat surface.
241-T	1" x 1-7/16" steel clamp has two loops for paired 1/2" CTS tubes; resilient liner for acoustic isolation; base telescopes for tube spacing 1-7/8" to 3-3/8", or disassembles; loop surrounds tube, is retained by catch; base has fastener slot, Hubbard HOLDRITE® Stout Bracket™ or any flat surface.
242	7/8" x 1-5/8" x 3-1/8" steel clamp for single 3/4" CTS tube; resilient liner for acoustic isolation; loop surrounds tube, is retained by catch; base has fastener slot, mounts to Hubbard HOLDRITE® Stout Bracket™ or any flat surface.
242-T	1" x 1-5/8" steel clamp has two loops for paired 3/4" CTS tubes; resilient liner for acoustic isolation; base telescopes for tube spacing 1-7/8" to 3-3/8", or disassembles; loop surrounds tube, is retained by catch; base has fastener slot, mounts to Hubbard HOLDRITE® Stout Bracket™ or any flat surface.
250	2-3/8 x 2-5/8 x 7/8", 2-piece nylon (plastic) clamp for single pipe or tube; secures any size from 3/8" to 1" CTS; mounts to Hubbard Holdrite® Stout Bracket™ or other surfaces; may also include one or two soft elastomer pad for enhanced acoustic isolation.
250-S	2-3/8" x 2-5/8" x 7/8" 2-piece fluoropolymer (plastic) clamp for single pipe or tube; secures any size from 3/8" to 1" CTS; mounts to Hubbard Holdrite® Stout Bracket™ or other surfaces. Low smoke and flame spread for special applications, e.g., return air plenums; material meets ASTM E-84 25/50.
255	2-3/8" x 2-3/4", 2-Piece nylon (plastic) clamp for single pipe or tube; secures any size from 3/8" to 1" CTS. Flat mounting face attaches to Holdrite® Stout Bracket™ or other surfaces with single screw; may also include one or two soft elastomer pads for enhanced acoustic isolation.
255-S	2-3/8" x 2-3/4" x 3/4" 2-piece fluoropolymer (plastic) clamp for single pipe or tube; secures any size from 3/8" to 1" CTS; mounts to Hubbard Holdrite® Stout Bracket™ or other surfaces. Low smoke and flame spread for special applications, e.g., return air plenums; material meets ASTM E-84 25/50.
257	2-1/2" x 1-7/16" x 2-3/4" 2-piece nylon (plastic) clamp for single pipe or tube; secures any size from 3/8" to 1" CTS. Quarter-turn spring-loaded locking base mounts into standard 1-5/8"-wide strut, positions tubing at right angles to strut.
257-P	2-1/2" x 1-7/16" x 2-3/4" 2-piece nylon (plastic) acoustical clamp for single pipe or tube; secures any size from 3/8" to 1" CTS. Quarter turn spring-loaded locking base mounts into standard 1-5/8"-wide strut, positions tubing at right angles to strut. Includes soft elastomer pads for enhanced noise and vibration isolation.
261	2-1/5" x 2-1/8" x 1" plastic combination suspension and through-stud clamp for single 1/2" CTS tube. Fastener holes to suspend from straps, brackets or wooden structures; as a through-stud clamp, fits 1-11/32" or 1-3/8" dia. hole in sheet metal to 14 gauge, or 1-38" dia. hole in wood stud. Resilient liner for acoustic isolation in either application.
262	2-1/5" x 2-1/8" x 1" plastic combination suspension and through-stud clamp for single 3/4" CTS tube. Fastener holes to suspend from strap, brackets or wooden structures; as a through-stud clamp, fits 1-11/32" or 1-3/8" dia. hole in sheet metal to 14 gauge, or 1-3/8" dia. Hole wood stud. Resilient liner for acoustic isolation in either application.

Model Number	Description
263	3-1/5" x 3-1/16" x 1-1/2" plastic combination suspension and through stud clamp for single 1" CTSA tube. Fastener holes to suspend from straps, brackets or wooden structures; as a through-stud clamp, fits 2" dia. hole in sheet metal or wood. Resilient liner for acoustic isolation in either application.
264	3-1/5" x 3-1/16" x 1-1/2" plastic combination suspension and through- stud clamp for single 1-1/4" CTS tube. Fastener holes to suspend from straps, brackets or wooden structures; as through-stud clamp fits 2" dia. hole in sheet metal or wood. Resilient liner for acoustic isolation in either application.
265	Shower/Tub Clamp, for use with Hubbard Stout Bracket.
266	1" X 2-1/8" x 1-1/16" plastic 2-hole standard clamp for 1/2" CTS tube; mounts to Hubbard Holdrite® Stout Bracket™, EZ or other surfaces. Resilient liner for acoustic isolation in any application.
267	1" X 2-1/2" x 1-1/2" plastic 2-hole standard clamp for 3/4" CTS tube; mounts to Hubbard Holdrite® Stout Bracket™, EZ or other surfaces. Resilient liner for acoustic isolation in any application
268	1-1/2" x 2-3/4" x 1-13/16" plastic 2-hole standard clamp for 1" CTS tube; mounts to Hubbard Holdrite® Stout Bracket™, EZ or other surfaces. Resilient liner for acoustic isolation in any application
269	1-1/2" x 2-7/8" x 2-1/16" plastic 2-hole standard clamp for 1-1/4" CTS tube; mounts to Hubbard Holdrite® Stout Bracket™, EZ or other surfaces. Resilient liner for acoustic isolation in any application.
280	4-3/8" x 5-1/8" x 7/8", 2-piece nylon (plastic) clamp for single pipe or tube; secures any size from 1" to 2" CTS. Special mounting attaches to Hubbard Holdrite® EZ Strut™ or Stout Bracket™ or other surfaces; may also include one or two soft elastomer pads for enhanced acoustic isolation.
285	4-5/16" x 4-1/16" x 7/8", 2-piece nylon (plastic) clamp for single pipe or tube; secures any size from 1" to 2" CTS. Flat mounting face attaches to Hubbard Holdrite® EZ Strut™ or Stout Bracket™ or other surfaces with screws or anchors; may also include one or two soft elastomer pads for enhanced acoustic isolation.
287	3-1/2" x 1-7/16" x 4-3/4" 2-piece nylon (plastic) clamp for single pipe or tube; secures any size from 1" to 2" CTS. Quarter-turn spring-loaded locking base mounts into standard 1-5/8"-wide strut, positions tubing at right angles to strut.
287-P	3-1/2" x 1-7/16" x 4-3/4" 2-piece nylon (plastic) acoustical clamp for single pipe or tube; secures any size from 1" to 2" CTS. Quarter-turn spring-loaded locking base mounts into standard 1-5/8"-wide strut, positions tubing at right angles to strut. Includes soft elastomer pads for enhanced noise and vibration isolation.
703-DC	Double Slab Support, Adjustable Cap
703-DEC	Double Slab Support, Ext, Screw Cap
703-SC	Single Slab Support, Adjustable Cap
703-SEC	Single Slab Support, Ext, Screw Cap

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PROFLO®

Model Number	Description
PFCB20D	1-1/4" x 20" 16 gauge copper plated steel strap 1/2" holes on 2" centers.
PFCB20DF	Copper plated with 1/2" and 3/4" holes on 4" centers.
PFCB20DFG	1-3/4" x 18" 16 gauge copper plated steel strap 1/2", 3/4" & 1" holes on 2" centers.
PFCB20FG	1-3/4" x 18" 16 gauge copper plated steel strap 3/4" & 1" holes on 2" centers.
PFCB26D	1-3/4" x 26" 16 gauge copper plated steel strap 1/2" holes on 2" centers.
PFCB26DF	Copper plated with 1/2" and 3/4" holes on 4" centers.
PFCB26FG	1-3/4" x 26" 16 gauge copper plated steel strap 3/4" & 1" hole on 2" centers.
PFCBE20D	1-1/4" x 20" 16 gauge copper plated steel strap 1/2" holes extruded on 2" centers.
PFCBE26DF	1-1/2" x 26" 16 gauge copper plated steel strap: 2 x extruded 3/4" holes, 8" apart, pattern centered on strap plate 9 x 1/2 extruded holes. All holes at 2" centers supports 3/4" water heaters.
PFCBRE20DFG	1-3/4" x 20" 24 gauge copper plated steel strap 1/2" holes on 2" centers and 3/4" & 1" holes on 4" centers.
PFCBRE26DFG	3/4" x 26" 24 gauge copper plated steel strap 1/2" holes on 2" centers and 3/4" & 1" holes on 4" centers.
PFCHVBDF	9-1/2" x 1-1/2" 16GA copper-plated steel bracket with 6 @ 1/2" half-holes at 4", 6" and 8" centers, and 4 @ 3/4" half-holes at 4" and 8" centers, for positioning and soldering copper tube; mounts at center to waste/vent piping using band clamp.
PFCNB20DF	2" x 20" 16 gauge copper plated steel 1/2" half holes on 2" centers and 3/4" half holes on 4" centers.
PFCSB6	6-3/4" x 5" 16-gauge copper-plated steel flat "T" bracket, reinforced for strength: nail holes and nail spikes; three 1/2" extruded holes and one 3/4" extruded hole, aligned vertically, for soldering to pipe. Fixtures multiple heights, including 6" exactly, for water closet supplies; also functions as nail plate.
PFCVBD	9-1/4" x 2-1/2" 16GA copper-plated steel bracket with 9 @ 1/2" half-holes at 1" spacing for positioning and soldering copper tube; mounts at center to waste/vent piping using band clamp.
PFGABDFG	5" x 3" 20-gage galvanized steel angle bracket available with 1/2", 3/4" or 1" inserts, holds two lines of CTS tubing side by side @ 2-1/2" centers. The hole pattern on the 90 degree base allows for attachment to any flat surface. The bracket can also be suspended by 3/8" threaded rod, or may be embedded in poured concrete structures.
PFGB20	2" x 20" 14 gauge galvanized steel strap accepts inserts with 1/2", 3/4" & 1" holes. Also used with other items such as model #704 bracket.
PFGB20DF	1-3/4" x 20" 20 gauge galvanized steel; 1" holes on 2" centers; nail holes. Reinforced for strength; designed for use with #600 series PVC inserts.
PFGB26	2" x 26" 14 gauge galvanized steel strap accepts inserts with 1/2", 3/4" & 1" holes. Also used with other items such as model #704 bracket.
PFGB26DF	1-3/4" x 26" 20 gauge galvanized steel; 1" holes on 2" centers; nail holes. Reinforced for strength; designed for use with #600 series PVC inserts.

