

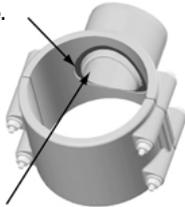


Schedule 40 Fittings & Accessories Clamp-On & Hot-Tap Saddles

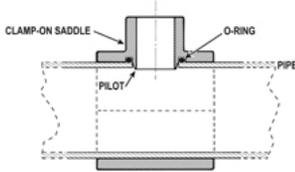
Spears® Two-Piece Clamp-On Saddle Design Clamps onto Pipe for Quick and Easy Installation



O-ring seal provides positive, trouble-free sealing to pipe.

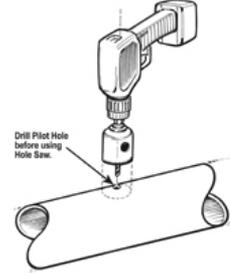


Special pilot engages with hole in pipe to prevent saddle dislocation.



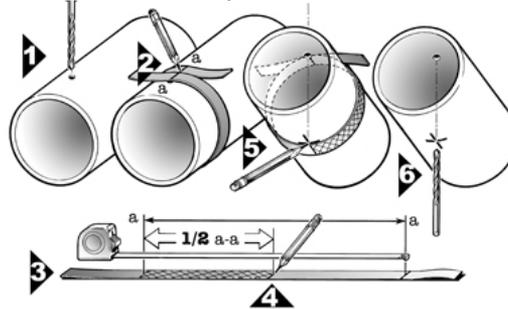
Clamp-On Saddle Installation Instructions

- Using a standard industrial grade hole-saw, cut specified hole in desired position on pipe according to recommended hole saw size engraved on the saddle. Note: Care must be taken to deburr hole and remove all residue from hole area to assure tight fit and avoid leakage.
- Fully seat O-ring in groove on underside of saddle outlet component. Position over hole and fully seat saddle onto pipe. Note: Certain saddle outlets are piloted. Be sure pilot lip fully engages with hole in pipe.
- Place strap component opposite outlet and secure with bolts (4), nuts (4) and washers (8). Important: Washers MUST be placed under each bolt head (1) and under each nut (1) to avoid damage to saddle.
- Tighten bolts to specified torque.



Saddle Size	2	3	4	6 & up
Recommended Bolt-Torque - ft/lb	8	8	8	10

For Double Outlet Saddle Installation — Determine second outlet hole position as shown.



Spears® Hot-Tap Saddles Designed for Adding Branch Connections to Piping Systems Under Live ("Hot") Pressure

Hot-Tap Saddle branch outlets are either 3/4" socket (with 1" Spigot O.D.) or 1-1/2" socket (with 2" Spigot O.D.) in saddle sizes 2" through 6" to fit IPS pipe using a built-in O-ring seal. Internal cutter is operated using conventional ratchet and drive extension and permanently retains coupon cut from pipe. Maximum operating pressure at 73°F (23°C) is 235 psi for saddle sizes 2" - 4", 200 psi for 6" saddles and 150 psi for 8" saddles. See packaged Installation Instructions for details.

Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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PVC White Clamp-On Saddle x Soc Single Outlet

with Buna-N O-ring Seal & Zinc-Plated Hardware

2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)

466-247	2X1/2	3/4	1	10	046	27.01
466-248	2X3/4	7/8	1	10	046	27.01
466-249	2X1	1-1/8	1	10	046	27.01
466-250	2X1-1/4	1-1/2	1	10	046	27.01
466-251	2X1-1/2	1-1/2	1	10	046	27.01
466-291	2-1/2X1-1/2	1-3/4	1	10	046	36.64
466-333 ¹	3X1/2	7/8	1	10	046	36.64
466-334	3X3/4	7/8	1	10	046	36.64
466-335	3X1	1-1/8	1	10	046	36.64
466-336 ¹	3X1-1/4	2-1/4	1	10	046	36.64
466-337 ¹	3X1-1/2	2-1/4	1	10	046	36.64
466-338	3X2	2-1/4	1	10	046	36.64



Part Number	Size	Hole Saw Dia	Std Pk	Mstr Ctn	Disc Code	Price Each
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PVC White Clamp-On Saddle x Soc Single Outlet (continued)

with Buna-N O-ring Seal & Zinc-Plated Hardware

466-415 ¹	4X1/2	1-1/8	1	10	046	46.95
466-416 ¹	4X3/4	1-1/8	1	10	046	46.95
466-417	4X1	1-1/8	1	8	046	46.95
466-418 ¹	4X1-1/4	1-3/4	1	8	046	46.95
466-419	4X1-1/2	1-3/4	1	8	046	46.95
466-420	4X2	2-1/4	1	8	046	46.95
466-421 ¹	4X2-1/2	3	1	4	046	53.12
466-422	4X3	3	1	4	046	58.35
466-523 ¹	6X1/2	1-1/8	1	4	046	80.78
466-524 ¹	6X3/4	1-1/8	1	4	046	80.78
466-525	6X1	1-1/8	1	4	046	80.78
466-526 ¹	6X1-1/4	2-1/4	1	4	046	80.78
466-527 ¹	6X1-1/2	2-1/4	1	4	046	80.78
466-528	6X2	2-1/4	1	4	046	80.78