

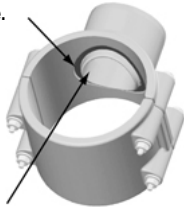


**Schedule 80 PVC Industrial Products & Accessories
Clamp-On & Hot-Tap Saddles**

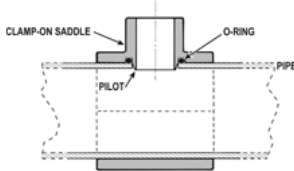
**Spears® Two-Piece Clamp-On Saddle Design Clamps onto Pipe
for Quick and Easy Installation**



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

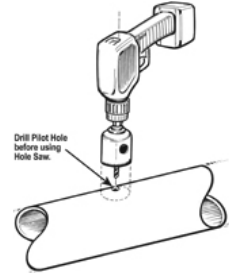


Special pilot engages with hole in pipe to prevent saddle dislocation.



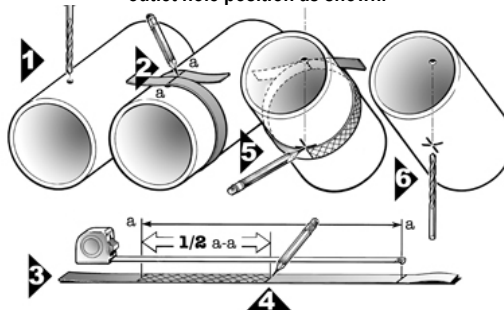
**Clamp-On Saddle
Installation Instructions**

- 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 Gray Clamp-On Saddle x Soc Single Outlet

with Viton® O-ring Seal & Zinc-Plated Hardware

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

866V-247	2X1/2	3/4	1	10	086	32.30
866V-248	2X3/4	7/8	1	10	086	32.30
866V-249	2X1	1-1/8	1	10	086	32.30
866V-250	2X1-1/4	1-1/2	1	10	086	32.30
866V-251	2X1-1/2	1-1/2	1	10	086	32.30
866V-291	2-1/2X1-1/2	1-3/4	1	10	086	44.73
866V-333 ¹	3X1/2	7/8	1	10	086	44.73
866V-334	3X3/4	7/8	1	10	086	44.73
866V-335	3X1	1-1/8	1	10	086	44.73
866V-336 ¹	3X1-1/4	2-1/4	1	10	086	44.73
866V-337 ¹	3X1-1/2	2-1/4	1	10	086	44.73
866V-338	3X2	2-1/4	1	10	086	44.73



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

with Viton® O-ring Seal & Zinc-Plated Hardware

866V-415 ¹	4X1/2	1-1/8	1	10	086	53.62
866V-416 ¹	4X3/4	1-1/8	1	10	086	53.62
866V-417	4X1	1-1/8	1	8	086	53.62
866V-418 ¹	4X1-1/4	1-3/4	1	8	086	53.62
866V-419	4X1-1/2	1-3/4	1	8	086	53.62
866V-420	4X2	2-1/4	1	8	086	53.62
866V-421 ¹	4X2-1/2	3	1	4	086	58.48
866V-422	4X3	3	1	4	086	63.64
866V-523 ¹	6X1/2	1-1/8	1	4	086	89.33
866V-524 ¹	6X3/4	1-1/8	1	4	086	89.33
866V-525	6X1	1-1/8	1	4	086	89.33
866V-526 ¹	6X1-1/4	2-1/4	1	4	086	89.33
866V-527 ¹	6X1-1/2	2-1/4	1	4	086	89.33
866V-528	6X2	2-1/4	1	4	086	89.33