CLAMP-ON SADDLES
Simple Two-Piece Design Engineered for Reliability

Spears® PVC & CPVC Clamp-On Saddles allow quick, easy and reliable addition of branch lines to existing piping system lines. These versatile saddle units can be used in either temporary or permanent installations on all types of pipe with IPS (Iron Pipe size) outside diameter, such as PVC, CPVC, Polyethylene, Polypropylene and Steel.

Excellent Metal-to-Plastic System Transition
Easily installs on metal pipe as a transition to plastic system.

PVC & CPVC Tee or Cross Configurations
Available in PVC White, PVC Gray or CPVC in 2" - 12" IPS pipe saddle with socket outlets in sizes 1/2" - 6" and Special Reinforced (SR) threaded outlets in sizes 1/2" - 6", single Tee or double Cross configurations.

Patented SR Design Female Threads
Patented Special Reinforced (SR) design on female thread outlets for superior strength.

O-ring Options
Choice of high grade Buna-N or EPDM O-rings for Schedule 40 and EPDM or FKM O-rings for Schedule 80, for application specific selection for optimum chemical resistance.

Multi-Bolt Design, Choice of Hardware
Positive attachment eliminates splitting problems associated with plastic wedge fasteners and outperforms 2-Bolt clamp saddle designs. Choose zinc plated or stainless steel nut, bolt and washer hardware.

Excellent Pressure Capabilities
Maximum internal pressure rating of 235 psi through 4", 200 psi for 6", and 150 psi for 8" - 12" at 73°F.

Sample Engineering Specification
All thermoplastic saddles shall be clamp-on type with O-ring seal constructed from PVC Type I cell classification 12454 or CPVC Type IV cell classification 23447. All O-rings shall be Buna-N, EPDM or FKM. All saddles shall be piloted at O-ring area for positive positioning in pipe. All bolt clamping hardware shall be zinc plated steel or stainless steel. All threaded saddle outlets shall be Special Reinforced (SR) design. Saddles shall be pressure rated at 235 psi for use on pipe sizes through 4" nominal IPS diameters, 200 psi for use on 6" pipe, and 150 psi for use on 8" - 12" pipe, maximum internal pressure for water at 73° F, as manufactured by Spears® Manufacturing Company.

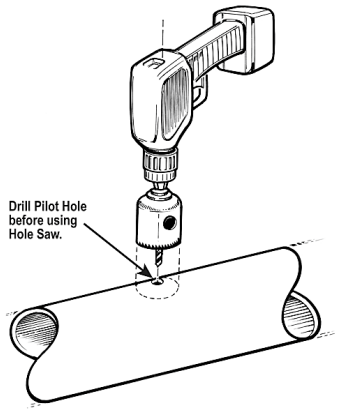
Schedule 40 Saddles Dimensions & Information

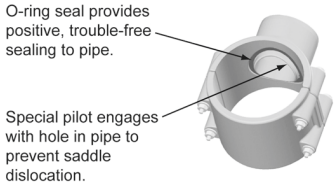
Spears® Two-Piece Clamp-On Saddle Design Clamps onto Pipe for Quick and Easy Installation

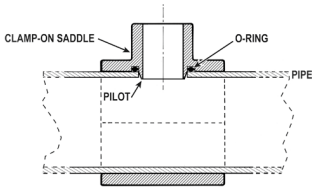
Clamp-On Saddle Installation Instructions

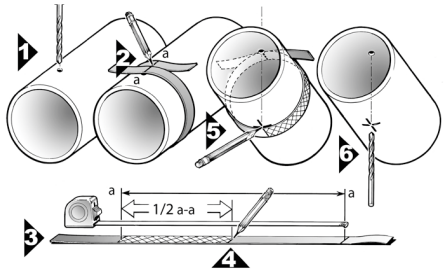
1. Using a standard industrial grade hole-saw, cut specified hole in desired position on pipe according to recommended hole saw size engraved on the saddle. **Note:** Care must be taken to deburr hole and remove all residue from hole area to assure tight fit and avoid leakage.
2. Fully seat O-ring in 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.
3. 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.
4. Tighten bolts to specified torque.

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









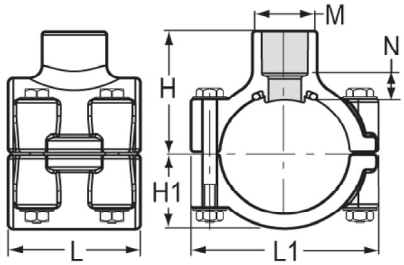
Saddle x Outlet Size	Recommended Hole Size	Recommended Bolt Torque ft./lbs.
2 x 1/2	3/4	8
2 x 3/4	7/8	8
2 x 1	1-1/8	8
2 x 1-1/4	1-1/2	8
2 x 1-1/2	1-1/2	8
2-1/2 x 1-1/2	1-3/4	8
3 x 1/2[1]	7/8	8
3 x 3/4	7/8	8
3 x 1	1-1/8	8
3 x 1-1/4[1]	2-1/4	8
3 x 1-1/2[1]	2-1/4	8
3 x 2	2-1/4	8
4 x 1/2[1]	1-1/8	8
4 x 3/4[1]	1-1/8	8
4 x 1	1-1/8	8
4 x 1-1/4[1]	1-3/4	8
4 x 1-1/2	1-3/4	8
4 x 2	2-1/4	8
4 x 2-1/2[1]	3	8
4 x 3	3	8
6 x 1/2[1]	1-1/8	10
6 x 3/4[1]	1-1/8	10

Saddle x Outlet Size	Recommended Hole Size	Recommended Bolt Torque ft./lb.s
6 x 1	1-1/8	10
6 x 1-1/4[1]	2-1/4	10
6 x 1-1/2[1]	2-1/4	10
6 x 2	2-1/4	10
6 x 2-1/2[1]	3	10
6 x 3	3	10
6 x 4	4	10
8 x 1/2[1]	4	10
8 x 3/4[1]	4	10
8 x 1[1]	4	10
8 x 1-1/4[1]	4	10
8 x 1-1/2[1]	4	10
8 x 2[1]	4	10
8 x 2-1/2[1]	4	10
8 x 3[1]	4	10
8 x 4	4	10
8 x 6	6	10
10 x 4	4	10
10 x 6	6	10
12 x 4	4	10
12 x 6	6	10

1: Outlet-Sized with Bushing

Clamp-On Saddle x Soc Single Outlet, PVC White

with Buna-N O-ring Seal & Zinc-Plated Hardware
2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)
Dimensions Also Applicable to
466S-XXX 466E-XXX 466SE-XXX



Part Number	Size	H	H1	L	L1	M	N	Bolt Torque FT./LBS.	Hole Size	No of Bolts	Approx. Wt. (Lbs.)
466-247	2X1/2	2- 3/8	1- 1/2	2- 7/16	3- 7/16	1- 3/16	5/16	8	3/4	4	.61
466-248	2X3/4	2- 1/2	1- 1/2	2- 7/16	3- 7/16	1- 3/8	5/16	8	7/8	4	.62
466-249	2X1	2- 5/8	1- 1/2	2- 7/16	3- 7/16	1-11/16	5/16	8	1-1/8	4	.64
466-250	2X1-1/4	2- 3/4	1- 1/2	2- 7/16	3- 7/16	2- 1/16	5/16	8	1-1/2	4	.66
466-251	2X1-1/2	2-15/16	1- 1/2	2- 7/16	3- 7/16	2- 3/8	3/8	8	1-1/2	4	.72
466-291	2-1/2X1-1/2	3- 3/16	1-11/16	4- 1/16	4	2- 3/8	3/8	8	1-3/4	4	1.03
466-333[1]	3X1/2	3- 5/16	2- 1/16	3	4- 5/8	1- 3/8	13/16	8	7/8	4	.89
466-334	3X3/4	3- 1/16	2- 1/16	3	4- 5/8	1- 3/8	9/32	8	7/8	4	.87
466-335	3X1	3- 3/16	2- 1/16	3	4- 5/8	1-11/16	5/16	8	1-1/8	4	.88
466-336[1]	3X1-1/4	4- 1/32	2- 1/16	4- 3/32	4- 5/8	3	1- 1/32	8	2-1/4	4	1.45
466-337[1]	3X1-1/2	4- 1/32	2- 1/16	4- 3/32	4- 5/8	3	29/32	8	2-1/4	4	1.40
466-338	3X2	3- 5/8	2- 1/16	4- 3/32	4- 5/8	3	3/8	8	2-1/4	4	1.27
466-415[1]	4X1/2	4- 3/32	2- 5/8	3	5- 9/16	2- 3/8	31/32	8	1-1/8	4	1.30
466-416[1]	4X3/4	4- 3/32	2- 5/8	3	5- 9/16	2- 3/8	27/32	8	1-1/8	4	1.28
466-417	4X1	3-13/16	2- 5/8	3	5- 5/8	1-11/16	7/16	8	1-1/8	4	1.25
466-418[1]	4X1-1/4	4-13/32	2- 5/8	4- 3/32	5- 5/8	2- 3/8	29/32	8	1-3/4	4	1.69
466-419	4X1-1/2	4- 1/8	2- 5/8	4- 3/32	5- 9/16	2- 3/8	1/2	8	1-3/4	4	1.63
466-420	4X2	4- 3/16	2- 5/8	4- 1/8	5- 5/8	3	7/16	8	2-1/4	4	1.71
466-421[1]	4X2-1/2	5	2- 5/8	5- 7/16	5-23/32	4- 9/32	3/4	8	3	4	2.83
466-422	4X3	4- 5/8	2-19/32	5- 7/16	5-11/16	4- 1/4	1/2	8	3	4	2.45
466-523[1]	6X1/2	5-13/32	3- 7/8	3	7- 3/4	1-11/16	1- 7/32	8	1-1/8	4	2.37
466-524[1]	6X3/4	5- 7/16	3- 7/8	3	7- 3/4	1-11/16	1- 1/8	10	1-1/8	4	2.36
466-525	6X1	5- 1/8	3- 7/8	3	7-15/16	1-11/16	11/16	10	1-1/8	4	2.32
466-526[1]	6X1-1/4	5-15/16	3- 7/8	4- 1/8	7- 3/4	3	1- 3/8	10	2-1/4	4	3.29
466-527[1]	6X1-1/2	5-23/32	3-7/8	4-1/8	7-31/32	3	1-1/32	10	2-1/4	4	3.25
466-528	6X2	5- 1/2	3- 7/8	4- 1/8	7- 3/4	3	11/16	10	2-1/4	4	3.11
466-529[1]	6X2-1/2	6- 7/16	3- 7/8	6	7-15/16	4- 1/4	1- 1/8	10	3	4	4.78
466-530	6X3	5-15/16	3- 7/8	6	7-15/16	4- 1/4	25/32	10	3	4	4.40
466-532	6X4	6	3-29/32	6	7-15/16	5- 3/16	5/8	10	4	6	5.33
466-573[1]	8X1/2	8- 3/32	4- 7/8	8- 1/2	10- 1/8	5- 1/4	2- 3/16	10	4	6	9.51
466-574[1]	8X3/4	8- 3/32	4- 7/8	8- 1/2	10- 1/8	5- 1/4	2- 3/4	10	4	6	9.48
466-575[1]	8X1	8- 3/32	4- 7/8	8- 1/2	10- 1/8	5- 1/4	2- 5/8	10	4	6	8.28
466-576[1]	8X1-1/4	8- 3/32	4- 7/8	8- 1/2	10- 1/8	5- 1/4	2- 1/2	10	4	6	9.75
466-577[1]	8X1-1/2	8- 3/32	4- 7/8	8- 1/2	10- 1/8	5- 1/4	2- 3/8	10	4	6	9.74
466-578	8 X 2	6-1/2	4- 7/8	8- 1/2	10- 1/8	3	11/16	10	4	6	9.33
466-579[1]	8X2-1/2	8- 1/8	4- 7/8	8- 1/2	10- 1/8	5- 1/4	1-11/16	10	4	6	9.21
466-580[1]	8X3	7-11/16	4- 7/8	8- 1/2	10- 1/8	5- 1/4	1- 7/16	10	4	6	9.26
466-582	8X4	7- 5/16	4- 7/8	8- 1/2	10- 1/8	5- 1/4	11/16	10	4	6	8.47
466-585	8X6	8- 3/32	4- 7/8	8- 1/2	10- 1/8	7- 5/8	11/16	10	6	6	9.75
466-620[1]	10X1-1/2	8-7/8	6-1/8	8-1/2	11-7/8	5-1/4	3-1/4	10	4	6	13.59
466-624	10X4	8-15/32	6- 1/32	8- 1/2	12- 5/16	5- 1/4	13/16	10	4	6	12.32
466-626	10X6	9- 1/8	6	8- 7/16	12	7- 5/8	1- 1/8	10	6	6	13.26

Suitable for Oil-Free air handling to 25 psi, not for distribution of compressed air or gas
See Spears® Product Sourcebook for product Offerings
Spears® Manufacturing Company

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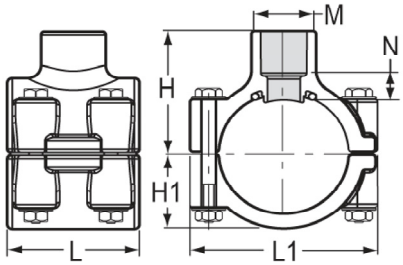
Clamp-On Saddle x Soc Single Outlet, PVC White

with Buna-N O-ring Seal & Zinc-Plated Hardware
2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)
Dimensions Also Applicable to
466S-XXX 466E-XXX 466SE-XXX

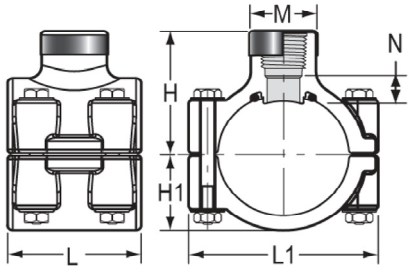


Part Number	Size	H	H1	L	L1	M	N	Bolt Torque FT./LBS.	Hole Size	No of Bolts	Approx. Wt. (Lbs.)
466-664	12X4	9- 9/16	7- 5/32	8- 1/2	14- 5/16	5- 1/4	7/8	10	4	6	15.85
466-666	12X6	10- 3/8	7- 5/32	8- 1/2	14- 5/16	7- 5/8	7/8	10		6	16.71

[1] Outlet-sized with Bushing

Clamp-On Saddle x SR Thread Single Outlet, PVC White

with Buna-N O-ring Seal & Zinc-Plated Hardware
2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)
Dimensions Also Applicable to
467S-XXXSR 467E-XXXSR 467SE-XXXSR



Part Number	Size	H	H1	L	L1	M	N	Bolt Torque FT./LBS.	Min Hole Size	No of Bolts	Approx. Wt. (Lbs.)
467-247SR	2X1/2	2- 3/8	1- 1/2	2- 7/16	3- 7/16	1- 3/16	5/16	8	3/4	4	.63
467-248SR	2X3/4	2- 1/2	1- 1/2	2- 7/16	3- 7/16	1- 3/8	5/8	8	7/8	4	.64
467-249SR	2X1	2- 5/8	1- 1/2	2- 7/16	3- 7/16	1-11/16	9/16	8	1-1/8	4	.66
467-250SR	2X1-1/4	2- 3/4	1- 1/2	2- 7/16	3- 7/16	2- 1/16	11/16	8	1-1/2	4	.69
467-251SR	2X1-1/2	2-15/16	1- 1/2	2- 7/16	3- 7/16	2- 3/8	3/4	8	1-1/2	4	.76
467-291SR	2-1/2X1-1/2	3- 3/16	1-11/16	4- 1/16	4	2- 3/8	13/16	8	1-3/4	4	1.11
467-333SR[1]	3X1/2	3- 5/16	2- 1/16	3	4- 5/8	1- 3/8	15/16	8	7/8	4	.91
467-334SR	3X3/4	3- 1/16	2- 1/16	3	4- 5/8	1- 3/8	9/16	8	7/8	4	.90
467-335SR	3X1	3- 3/16	2- 1/16	3	4- 5/8	1-11/16	9/16	8	1-1/8	4	.92
467-336SR[1]	3X1-1/4	4- 1/32	2- 1/16	4- 3/32	4- 5/8	3	1- 5/16	8	2-1/4	4	1.49
467-337SR[1]	3X1-1/2	4- 1/32	2- 1/16	4- 3/32	4- 5/8	3	2-11/16	8	2-1/4	4	1.45
467-338SR	3X2	3- 5/8	2- 1/16	4- 3/32	4- 5/8	3	7/8	8	2-1/4	4	1.37
467-415SR[1]	4X1/2	4- 3/32	2- 5/8	3	5- 9/16	2- 3/8	1- 1/8	8	1-1/8	4	1.32
467-416SR[1]	4X3/4	4- 3/32	2- 5/8	3	5- 9/16	2- 3/8	1- 1/8	8	1-1/8	4	1.30
467-417SR	4X1	3-13/16	2- 5/8	3	5- 5/8	1-11/16	11/16	8	1-1/8	4	1.29
467-418SR[1]	4X1-1/4	4-13/32	2- 5/8	4- 3/32	5- 5/8	2- 3/8	1- 7/32	8	1-3/4	4	1.74
467-419SR	4X1-1/2	4- 1/8	2- 5/8	4- 3/32	5- 9/16	2- 3/8	15/16	8	1-3/4	4	1.70
467-420SR	4X2	4- 3/16	2- 5/8	4- 1/8	5- 5/8	3	15/16	8	2-1/4	4	1.80
467-421SR[1]	4X2-1/2	5	2- 5/8	5- 7/16	5-23/32	4- 9/32	1- 7/32	8	3	4	2.98
467-422SR	4X3	4- 5/8	2-19/32	5- 7/16	5-11/16	4- 1/4	31/32	8	3	4	2.65
467-523SR[1]	6X1/2	5-13/32	3- 7/8	3	7- 3/4	1-11/16	1- 3/8	8	1-1/8	4	2.39
467-524SR[1]	6X3/4	5- 7/16	3- 7/8	3	7- 3/4	1-11/16	1- 3/8	10	1-1/8	4	2.37
467-525SR	6X1	5- 1/8	3- 7/8	3	7-15/16	1-11/16	15/16	10	1-1/8	4	2.36
467-526SR[1]	6X1-1/4	5-15/16	3- 7/8	4- 1/8	7- 3/4	3	1-11/16	10	2-1/4	4	3.34
467-527SR[1]	6X1-1/2	5-15/16	3- 7/8	4- 1/8	7- 3/4	3	1- 3/4	10	2-1/4	4	3.30
467-528SR	6X2	5- 1/2	3- 7/8	4- 1/8	7- 3/4	3	1- 7/32	10	2-1/4	4	3.19
467-529SR[1]	6X2-1/2	6- 7/16	3- 7/8	6	7-15/16	4- 1/4	1- 9/16	10	3	4	4.93

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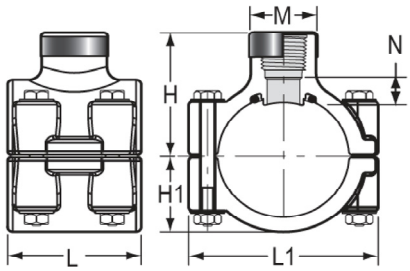
Clamp-On Saddle x SR Thread Single Outlet, PVC White

with Buna-N O-ring Seal & Zinc-Plated Hardware
2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)
Dimensions Also Applicable to
467S-XXXSR 467E-XXXSR 467SE-XXXSR

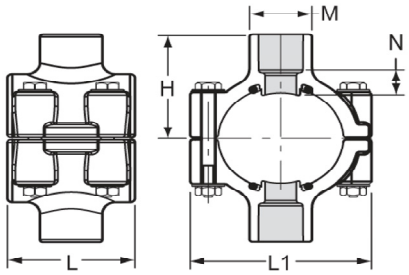


Part Number	Size	H	H1	L	L1	M	N	Bolt Torque FT./LBS.	Min Hole Size	No of Bolts	Approx. Wt. (Lbs.)
467-530SR	6X3	5-15/16	3- 7/8	6	7-15/16	4- 1/4	1- 1/4	10	3	4	4.61
467-532SR	6X4	6	3-29/32	6	7-15/16	5- 3/16	1- 3/8	10	4	6	5.55
467-573SR[1]	8X1/2	8- 3/32	4- 7/8	8- 1/2	10- 1/8	5- 1/4	3	10	4	6	9.59
467-574SR[1]	8X3/4	8- 3/32	4- 7/8	8- 1/2	10- 1/8	5- 1/4	3	10	4	6	8.37
467-575SR[1]	8X1	8- 3/32	4- 7/8	8- 1/2	10- 1/8	5- 1/4	2-13/16	10	4	6	9.60
467-576SR[1]	8X1-1/4	8- 3/32	4- 7/8	8- 1/2	10- 1/8	5- 1/4	2- 3/4	10	4	6	9.85
467-577SR[1]	8X1-1/2	8- 3/32	4- 7/8	8- 1/2	10- 1/8	5- 1/4	2- 3/4	10	4	6	9.94
467-578SR[1]	8X2	7-11/16	4- 7/8	8- 1/2	10- 1/8	5- 1/4	2- 3/8	10	4	6	9.33
467-579SR[1]	8X2-1/2	8- 1/8	4- 7/8	8- 1/2	10- 1/8	5- 1/4	2- 1/2	10	4	6	9.58
467-580SR[1]	8X3	7-11/16	4- 7/8	8- 1/2	10- 1/8	5- 1/4	1-15/16	10	4	6	9.32
467-582SR	8X4	7- 5/16	4- 7/8	8- 1/2	10- 1/8	5- 1/4	1- 1/2	10	4	6	8.62
467-585SR	8X6	8- 3/32	4- 7/8	8- 1/2	10- 1/8	7- 5/8	2- 3/32	10	6	6	10.30
467-624SR	10X4	8-15/32	6- 1/32	8- 1/2	12- 5/16	5- 1/4	2- 3/16	10	4	6	12.49
467-626SR	10X6	9- 9/32	6- 1/32	8- 1/2	12- 5/16	7- 5/8	3- 3/16	10	6	6	14.09
467-664SR	12X4	9- 9/16	7- 5/32	8- 1/2	14- 5/16	5- 1/4	1- 5/8	10	4	6	15.99
467-666SR	12X6	10- 3/8	7- 5/32	8- 1/2	14- 5/16	7- 5/8	2- 1/4	10	6	6	17.43

[1] Outlet-sized with Bushing

Clamp-On Saddle x Soc Double Outlet, PVC White

with Buna-N O-ring Seal & Zinc-Plated Hardware
2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)
Dimensions Also Applicable to
468S-XXX 468E-XXX 468SE-XXX



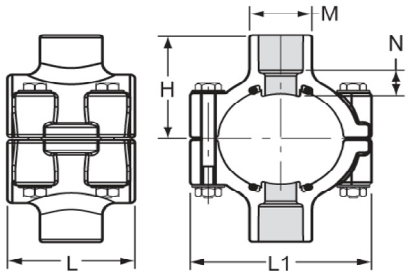
Part Number	Size	H	L	L1	M	N	Bolt Torque FT./LBS.	Min Hole Size	No of Bolts	Approx. Wt. (Lbs.)
468-247	2X1/2	2- 3/8	2- 7/16	3- 7/16	1- 3/16	5/16	8	3/4	4	.64
468-248	2X3/4	2- 1/2	2- 7/16	3- 7/16	1- 3/8	5/16	8	7/8	4	.67
468-249	2X1	2- 5/8	2- 7/16	3- 7/16	1-11/16	5/16	8	1-1/8	4	.70
468-250	2X1-1/4	2- 3/4	2- 7/16	3- 7/16	2- 1/16	5/16	8	1-1/2	4	.73
468-251	2X1-1/2	2-15/16	2- 7/16	3- 7/16	2- 3/8	3/8	8	1-1/2	4	.86
468-291	2-1/2X1-1/2	3- 3/16	4- 1/16	4	2- 3/8	3/8	8	1-3/4	4	1.16
468-333[1]	3X1/2	3- 5/16	3	4- 5/8	1- 3/8	13/16	8	7/8	4	.94
468-334	3X3/4	3- 1/16	3	4- 5/8	1- 3/8	9/32	8	7/8	4	.90
468-335	3X1	3- 3/16	3	4- 5/8	1-11/16	5/16	8	1-1/8	4	.93
468-336[1]	3X1-1/4	4- 1/32	4- 3/32	4- 5/8	3	1- 1/32	8	2-1/4	4	1.87
468-337[1]	3X1-1/2	4- 1/32	4- 3/32	4- 5/8	3	29/32	8	2-1/4	4	1.77
468-338	3X2	3- 5/8	4- 3/32	4- 5/8	3	3/8	8	2-1/4	4	1.51
468-415[1]	4X1/2	4- 3/32	3	5- 9/16	2- 3/8	31/32	8	1-1/8	4	1.41

Suitable for Oil-Free air handling to 25 psi, not for distribution of compressed air or gas
See Spears® Product Sourcebook for product Offerings
Spears® Manufacturing Company

(Continued)

Clamp-On Saddle x Soc Double Outlet, PVC White

with Buna-N O-ring Seal & Zinc-Plated Hardware
2"- 4" 235, 6" 200, 8"-12" 150 psi @ 73°F (23°C)
Dimensions Also Applicable to
468S-XXX 468E-XXX 468SE-XXX



Part Number	Size	H	L	L1	M	N	Bolt Torque FT./LBS.	Min Hole Size	No of Bolts	Approx. Wt. (Lbs.)
468-416[1]	4X3/4	4- 3/32	3	5- 9/16	2- 3/8	27/32	8	1-1/8	4	1.38
468-417	4X1	3-13/16	3	5- 5/8	1-11/16	7/16	8	1-1/8	4	1.31
468-418[1]	4X1-1/4	4-13/32	4- 3/32	5- 5/8	2- 3/8	29/32	8	1-3/4	4	1.88
468-419	4X1-1/2	4- 1/8	4- 3/32	5- 9/16	2- 3/8	1/2	8	1-3/4	4	1.76
468-420	4X2	4- 3/16	4- 1/8	5- 5/8	3	7/16	8	2-1/4	4	1.91
468-421[1]	4X2-1/2	5	5- 7/16	5-23/32	4- 9/32	3/4	8	3	4	3.77
468-422	4X3	4- 5/8	5- 7/16	5-11/16	4- 1/4	1/2	8	3	4	3.04
468-523[1]	6X1/2	5-13/32	3	7- 3/4	1-11/16	1- 7/32	8	1-1/8	4	2.46
468-524[1]	6X3/4	5- 7/16	3	7- 3/4	1-11/16	1- 1/8	10	1-1/8	4	2.42
468-525	6X1	5- 1/8	3	7-15/16	1-11/16	11/16	10	1-1/8	4	2.36
468-526[1]	6X1-1/4	5-15/16	4- 1/8	7- 3/4	3	1- 3/8	10	2-1/4	4	3.66
468-527[1]	6X1-1/2	5-15/16	4- 1/8	7- 3/4	3	1- 1/4	10	2-1/4	4	3.57
468-528	6X2	5- 1/2	4- 1/8	7- 3/4	3	11/16	10	2-1/4	4	3.30
468-529[1]	6X2-1/2	6- 7/16	6	7-15/16	4- 1/4	1- 1/8	10	3	4	5.66
468-530	6X3	5-15/16	6	7-15/16	4- 1/4	25/32	10	3	4	4.91
468-532	6X4	6	6	7-15/16	5- 3/16	5/8	10	4	6	5.91
468-573[1]	8X1/2	8- 3/32	8- 1/2	10- 1/8	5- 1/4	2- 3/16	10	4	6	11.12
468-574[1]	8X3/4	8- 3/32	8- 1/2	10- 1/8	5- 1/4	2- 3/4	10	4	6	11.06
468-575[1]	8X1	8- 3/32	8- 1/2	10- 1/8	5- 1/4	2- 5/8	10	4	6	8.66
468-576[1]	8X1-1/4	8- 3/32	8- 1/2	10- 1/8	5- 1/4	2- 1/2	10	4	6	11.61
468-577[1]	8X1-1/2	8- 3/32	8- 1/2	10- 1/8	5- 1/4	2- 3/8	10	4	6	11.58
468-578[1]	8X2	7-11/16	8- 1/2	10- 1/8	5- 1/4	1- 7/8	10	4	6	10.77
468-579[1]	8X2-1/2	8- 1/8	8- 1/2	10- 1/8	5- 1/4	1-11/16	10	4	6	10.53
468-580[1]	8X3	7-11/16	8- 1/2	10- 1/8	5- 1/4	1- 7/16	10	4	6	10.63
468-582	8X4	7- 5/16	8- 1/2	10- 1/8	5- 1/4	11/16	10	4	6	9.05
468-585	8X6	8- 3/32	8- 1/2	10- 1/8	7- 5/8	11/16	10	6	6	11.60
468-624	10X4	8-15/32	8- 1/2	12- 5/16	5- 1/4	13/16	10	4	6	12.79
468-626	10X6	9- 9/32	8- 1/2	12- 5/16	7- 5/8	13/16	10	6	6	14.66
468-664	12X4	9- 9/16	8- 1/2	14- 5/16	5- 1/4	7/8	10	4	6	16.36
468-666	12X6	10- 3/8	8- 1/2	14- 5/16	7- 5/8	7/8	10	6	6	18.07

[1] Outlet-sized with Bushing

Schedule 40 Saddles Dimensions & Information

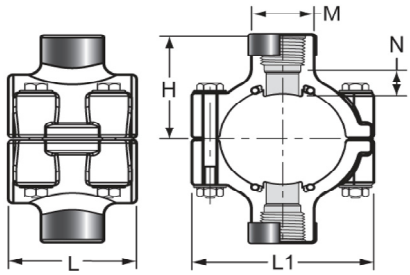
Clamp-On Saddle x SR Thread Double Outlet, PVC White

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

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

Dimensions Also Applicable to

469S-XXXSR 469E-XXXSR 469SE-XXXSR



[1]Outlet-sized with Bushing

Part Number	Size	H	L	L1	M	N	Bolt Torque FT./LBS.	Min Hole Size	No of Bolts	Approx. Wt. (Lbs.)
469-247SR	2X1/2	2- 3/8	2- 7/16	3- 7/16	1- 3/16	5/16	8	3/4	4	.67
469-248SR	2X3/4	2- 1/2	2- 7/16	3- 7/16	1- 3/8	5/16	8	7/8	4	.70
469-249SR	2X1	2- 5/8	2- 7/16	3- 7/16	1-11/16	5/16	8	1-1/8	4	.74
469-250SR	2X1-1/4	2- 3/4	2- 7/16	3- 7/16	2- 1/16	5/16	8	1-1/2	4	.79
469-251SR	2X1-1/2	2-15/16	2- 7/16	3- 7/16	2- 3/8	3/8	8	1-1/2	4	.94
469-291SR	2-1/2X1-1/2	3- 3/16	4- 1/16	4	2- 3/8	3/8	8	1-3/4	4	1.33
469-333SR[1]	3X1/2	3- 5/16	3	4- 5/8	1- 3/8	13/16	8	7/8	4	.97
469-334SR	3X3/4	3- 1/16	3	4- 5/8	1- 3/8	9/32	8	7/8	4	.95
469-335SR	3X1	3- 3/16	3	4- 5/8	1-11/16	5/16	8	1-1/8	4	1.00
469-336SR[1]	3X1-1/4	4- 1/32	4- 3/32	4- 5/8	3	1- 1/32	8	2-1/4	4	1.96
469-337SR[1]	3X1-1/2	4- 1/32	4- 3/32	4- 5/8	3	29/32	8	2-1/4	4	1.87
469-338SR	3X2	3- 5/8	4- 3/32	4- 5/8	3	3/8	8	2-1/4	4	1.70
469-415SR[1]	4X1/2	4- 3/32	3	5- 9/16	2- 3/8	31/32	8	1-1/8	4	1.45
469-416SR[1]	4X3/4	4- 3/32	3	5- 9/16	2- 3/8	27/32	8	1-1/8	4	1.41
469-417SR	4X1	3-13/16	3	5- 5/8	1-11/16	7/16	8	1-1/8	4	1.38
469-418SR[1]	4X1-1/4	4-13/32	4- 3/32	5- 5/8	2- 3/8	29/32	8	1-3/4	4	1.97
469-419SR	4X1-1/2	4- 1/8	4- 3/32	5- 9/16	2- 3/8	1/2	8	1-3/4	4	1.90
469-420SR	4X2	4- 3/16	4- 1/8	5- 5/8	3	7/16	8	2-1/4	4	2.10
469-421SR[1]	4X2-1/2	5	5- 7/16	5-23/32	4- 9/32	3/4	8	3	4	4.09
469-422SR	4X3	4- 5/8	5- 7/16	5-11/16	4- 1/4	1/2	8	3	4	3.42
469-523SR[1]	6X1/2	5-13/32	3	7- 3/4	1-11/16	1- 7/32	8	1-1/8	4	2.90
469-524SR[1]	6X3/4	5- 7/16	3	7- 3/4	1-11/16	1- 1/8	10	1-1/8	4	2.46
469-525SR	6X1	5- 1/8	3	7-15/16	1-11/16	11/16	10	1-1/8	4	2.43
469-526SR[1]	6X1-1/4	5-15/16	4- 1/8	7- 3/4	3	1- 3/8	10	2-1/4	4	3.75
469-527SR[1]	6X1-1/2	5-15/16	4- 1/8	7- 3/4	3	1- 1/4	10	2-1/4	4	3.67
469-528SR	6X2	5- 1/2	4- 1/8	7- 3/4	3	11/16	10	2-1/4	4	3.46
469-529SR[1]	6X2-1/2	6- 7/16	6	7-15/16	4- 1/4	1- 1/8	10	3	4	5.96
469-530SR	6X3	5-15/16	6	7-15/16	4- 1/4	25/32	10	3	4	5.33
469-532SR	6X4	6	6	7-15/16	5- 3/16	5/8	10	4	6	6.36
469-573SR[1]	8X1/2	8- 3/32	8- 1/2	10- 1/8	5- 1/4	2- 3/16	10	4	6	11.29
469-574SR[1]	8X3/4	8- 3/32	8- 1/2	10- 1/8	5- 1/4	2- 3/4	10	4	6	8.83
469-575SR[1]	8X1	8- 3/32	8- 1/2	10- 1/8	5- 1/4	2- 5/8	10	4	6	11.31
469-576SR[1]	8X1-1/4	8- 3/32	8- 1/2	10- 1/8	5- 1/4	2- 1/2	10	4	6	11.80
469-577SR[1]	8X1-1/2	8- 3/32	8- 1/2	10- 1/8	5- 1/4	2- 3/8	10	4	6	11.98
469-578SR[1]	8X2	7-11/16	8- 1/2	10- 1/8	5- 1/4	1- 7/8	10	4	6	10.76
469-579SR[1]	8X2-1/2	8- 1/8	8- 1/2	10- 1/8	5- 1/4	1-11/16	10	4	6	11.27
469-580SR[1]	8X3	7-11/16	8- 1/2	10- 1/8	5- 1/4	1- 7/16	10	4	6	10.75
469-582SR	8X4	7- 5/16	8- 1/2	10- 1/8	5- 1/4	11/16	10	4	6	9.34
469-585SR	8X6	8- 3/32	8- 1/2	10- 1/8	7- 5/8	11/16	10	6	6	12.71
469-624SR	10X4	8-15/32	8- 1/2	12- 5/16	5- 1/4	13/16	10	4	6	13.12
469-626SR	10X6	9- 9/32	8- 1/2	12- 5/16	7- 5/8	13/16	10	6	6	16.31
469-666SR	12X6	10- 3/8	8- 1/2	14- 5/16	7- 5/8	7/8	10	6	6	19.52

Suitable for Oil-Free air handling to 25 psi, not for distribution of compressed air or gas

See Spears® Product Sourcebook for product Offerings