



Insert Fittings Product
Spiral Barb & Regular Insert Fittings

Barbed Insert Fittings



PRODUCT

Contact Spears® for any Information not found.

Insert Fittings Product
Spiral Barb & Regular Insert Fittings



Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Spiral Barb Tee - PVC

Spiral Barb

3/8" Spiral Barb accepts .490 Irrigation Pipe.

1401-003	3/8	50	800	140	3.98
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Spiral Barb Tee - PVC

Insert x Insert x Spiral Barb

3/8" Spiral Barb accepts .490 Irrigation Pipe.

1401-099	3/4X3/8	25	450	140	7.22
1401-129	1X3/8	25	200	140	7.87



Spiral Barb 90° Ell - PP

Mipt x Spiral Barb

3/8" Spiral Barb accepts .490 Irrigation Pipe.

1413-073	1/2X3/8	50	200	140	2.85
1413-099	3/4X3/8	50	200	140	2.85



Spiral Barb Coupling - PVC

Spiral Barb x Spiral Barb

3/8" Spiral Barb accepts .490 Irrigation Pipe.

1429-003	3/8	50	300	140	4.28
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Spiral Barb Coupling - PVC

Insert x Spiral Barb

3/8" Spiral Barb accepts .490 Irrigation Pipe.

1429-099	3/4X3/8	50	600	140	4.67
1429-129	1X3/8	50	200	140	4.99



Spiral Barb Male Adapter - PP

Mipt x Spiral Barb

3/8" Spiral Barb accepts .490 Irrigation Pipe.

1436-073	1/2X3/8	50	300	140	2.85
1436-099	3/4X3/8	50	300	140	2.85



Insert Adapter - PVC White

Insert x I.P.S. Spigot

460-005	1/2	50	300	040	4.98
460-007	3/4	50	200	040	6.52
460-007N	3/4X3/4X1/2	50	200	040	6.52
460-010	1	50	0	040	6.82



Made in the U.S.A.

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Insert Adapter - PVC White (continued)

Insert x I.P.S. Spigot

460-012	1-1/4	20	160	040	7.06
460-012N	1-1/4X1-1/4X1	20	160	040	7.06
460-015	1-1/2	25	0	040	7.56
460-020	2	10	0	040	12.59
460-030	3	25	0	040	42.49
460-040	4	10	0	040	48.94
460-131N	3/4X1X3/4	20	160	040	7.58
460-132N	1X1-1/4X1	20	160	040	8.23
1432-060	6	8	0	140	210.32
1432-080	8	4	0	140	417.55

N = Nesting

Insert Adapter - PVC Gray

Insert x I.P.S. Spigot

460-005G	1/2	50	300	043	5.51
460-007G	3/4	50	200	043	7.24
460-010G	1	50	0	043	7.56
460-012G	1-1/4	20	160	043	7.85
460-015G	1-1/2	25	0	043	8.40
460-020G	2	10	0	043	13.98
460-030G	3	25	0	043	47.19
460-040G	4	10	0	043	52.27
1432-060G	6	8	0	140	233.71



Insert Adapter - CPVC

Insert x I.P.S. Spigot

460-005C	1/2	50	300	010	7.86
460-007C	3/4	50	200	010	10.22
460-010C	1	50	0	010	10.66
460-015C	1-1/2	25	0	010	13.64
460-020C	2	10	0	010	19.66
460-030C	3	25	0	010	66.44



Insert Adapter - PVC White

Insert x Socket

474-005	1/2	50	600	040	4.53
474-007	3/4	50	400	040	5.43
474-010	1	50	0	040	5.78
474-012	1-1/4	25	0	040	9.16
474-015	1-1/2	25	0	040	10.14
474-020	2	25	0	040	18.76
474-030	3	15	0	040	55.97
474-040	4	15	0	040	64.00



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

See Spears® On-line Catalog @ www.spearsmfg.com for Pricing



Insert Fittings Product Spiral Barb & Regular Insert Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Insert Adapter - PVC Gray

Insert x Socket



474-005G	1/2	50	600	043	5.03
474-007G	3/4	50	400	043	6.07
474-010G	1	50	0	043	6.42
474-012G	1-1/4	25	0	043	10.17
474-015G	1-1/2	25	0	043	10.53
474-020G	2	25	0	043	20.84

Insert Adapter 90° Ell - PVC White

Insert x I.P.S. Spigot



460A-015	1-1/2	10	80	040	15.02
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Tee - PVC

Insert x Insert x Insert



1401-005	1/2	50	400	140	4.64
1401-007	3/4	50	0	140	5.03
1401-010	1	25	150	140	6.52
1401-012	1-1/4	10	80	140	10.20
1401-015	1-1/2	10	0	140	11.58
1401-020	2	10	0	140	22.86
1401-040 ¹	4	2	0	140	351.62
1401-060 ¹	6	1	0	140	658.66

¹ Assembled molded components

Tee - CPVC

Insert x Insert x Insert



1401-005C	1/2	50	400	143	7.29
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Tee, Reducing - PVC

Insert x Insert x Insert



1401-074	1/2X3/4	25	400	140	12.53
1401-094	3/4X1/2X1/2	25	300	140	6.27
1401-101	3/4X1/2	25	150	140	5.68
1401-102	3/4X1	25	250	140	14.42
1401-124	1X3/4X1/2	25	200	140	9.14
1401-125	1X3/4X3/4	25	200	140	10.86
1401-130	1X1/2	25	200	140	6.67
1401-131	1X3/4	25	200	140	6.72
1401-132	1X1-1/4	25	0	140	20.13
1401-156	1-1/4X1X1/2	25	0	140	12.46
1401-157	1-1/4X1X3/4	25	0	140	12.46
1401-158	1-1/4X1X1	25	0	140	12.46
1401-166	1-1/4X1/2	25	0	140	8.75

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Tee, Reducing - PVC (continued)

Insert x Insert x Insert

1401-167	1-1/4X3/4	25	0	140	8.75
1401-168	1-1/4X1	25	0	140	8.75
1401-169	1-1/4X1-1/2	25	0	140	8.75
1401-201	1-1/2X1-1/4X3/4	10	80	140	15.72
1401-202	1-1/2X1-1/4X1	10	80	140	15.72
1401-203	1-1/2X1-1/4X1-1/4	10	0	140	15.72
1401-209	1-1/2X1/2	10	80	140	15.26
1401-210	1-1/2X3/4	10	80	140	15.26
1401-211	1-1/2X1	10	80	140	15.26
1401-212	1-1/2X1-1/4	10	0	140	15.26
1401-241	2X1-1/2X1-1/2	10	0	140	20.13
1401-247	2X1/2	10	0	140	21.72
1401-248	2X3/4	10	0	140	21.72
1401-249	2X1	10	0	140	21.72
1401-250	2X1-1/4	10	0	140	22.71
1401-251	2X1-1/2	10	0	140	23.40
1401-335 ¹	3X1	5	0	140	242.85
1401-338 ¹	3X2	5	0	140	267.62

¹ Assembled molded components

Tee - PVC

Insert x Insert x Fipt



1402-005	1/2	50	400	140	5.03
1402-007	3/4	50	0	140	7.56
1402-010	1	25	0	140	8.92
1402-012	1-1/4	10	0	140	13.08
1402-015	1-1/2	10	0	140	22.71
1402-020	2	10	0	140	28.20

Tee, Reducing - PVC

Insert x Insert x Fipt



1402-094	3/4X1/2X1/2	25	200	140	8.21
1402-101	3/4X1/2	25	150	140	6.27
1402-124	1X3/4X1/2	25	200	140	10.27
1402-125	1X3/4X3/4	25	0	140	12.22
1402-130	1X1/2	25	200	140	8.23
1402-131	1X3/4	25	200	140	8.23
1402-156	1-1/4X1X1/2	25	0	140	15.15
1402-157	1-1/4X1X3/4	25	0	140	17.72
1402-166	1-1/4X1/2	25	0	140	11.24
1402-167	1-1/4X3/4	25	0	140	12.40
1402-168	1-1/4X1	25	0	140	13.08
1402-199	1-1/2X1-1/4X1/2	25	0	140	23.86
1402-201	1-1/2X1-1/4X3/4	10	0	140	26.57
1402-202	1-1/2X1-1/4X1	10	0	140	30.41
1402-209	1-1/2X1/2	10	80	140	17.26
1402-210	1-1/2X3/4	10	80	140	20.42
1402-211	1-1/2X1	10	0	140	20.42
1402-212	1-1/2X1-1/4	10	0	140	20.98

Insert Fittings Product Spiral Barb & Regular Insert Fittings



Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
Tee, Reducing - PVC (continued)					
Insert x Insert x Fipt					
1402-247	2X1/2	10	0	140	23.16
1402-248	2X3/4	10	0	140	24.48
1402-249	2X1	10	0	140	26.91
1402-251	2X1-1/2	10	0	140	28.20

Tee, Special Reinforced Reducing - PVC

Insert x Insert x SR Fipt

1402-168SR	1-1/4X1	25	0	142	24.84
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Tee, Reducing - PVC

Insert x Insert x Mipt

1403-130	1X1X1/2	25	200	140	10.72
1403-131	1X1X3/4	25	200	140	10.72

Tee - PVC

Insert x Insert x Mipt

1403-005	1/2	50	500	140	6.42
1403-007	3/4	50	0	140	8.75
1403-010	1	25	0	140	11.24
1403-012	1-1/4	10	80	140	14.62
1403-015	1-1/2	10	0	140	16.35
1403-020	2	10	0	140	25.43

Tee - PVC

Insert x Insert x Socket

1404-007	3/4	50	0	140	8.18
1404-010	1	25	0	140	8.92

Tee, Reducing - PVC

Insert x Insert x Socket

1404-101	3/4X1/2	50	0	140	12.85
1404-102	3/4X3/4X1	100	0	140	14.42

90° EII - PVC

Insert x Insert

1406-005	1/2	50	1000	140	4.23
1406-007	3/4	50	400	140	5.19
1406-010	1	25	200	140	5.73
1406-012	1-1/4	10	180	140	6.42
1406-015	1-1/2	10	80	140	7.56

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
90° EII - PVC (continued)					
Insert x Insert					
1406-020	2	10	0	140	10.56
1406-025	2-1/2	10	0	140	47.64
1406-040 ¹	4	2	0	140	157.79

¹ Assembled molded components- PVC white

90° EII - CPVC

Insert x Fipt

1407-007C	3/4	50	0	142	7.24
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90° EII, Reducing - PVC

Insert x Insert

1406-101	3/4X1/2	25	300	140	4.91
1406-131	1X3/4	25	300	140	6.02
1406-168	1-1/4X1	25	0	140	8.92
1406-212	1-1/2X1-1/4	10	80	140	10.56
1406-251	2X1-1/2	10	0	140	11.62

90° EII, Reducing - CPVC

Insert x Fipt

1407-074C	1/2X3/4	20	160	143	13.64
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90° EII - PVC

Insert x Fipt

1407-005	1/2	50	400	140	4.76
1407-007	3/4	50	0	140	5.19
1407-010	1	25	0	140	6.67
1407-012	1-1/4	10	140	140	9.88
1407-015	1-1/2	10	0	140	11.24
1407-020	2	10	0	140	18.96

90° EII, Reducing - PVC

Insert x Fipt

1407-074	1/2X3/4	50	400	140	4.91
1407-101	3/4X1/2	50	400	140	4.91
1407-130	1X1/2	25	300	140	5.19
1407-131	1X3/4	25	200	140	6.02
1407-166	1-1/4X1/2	25	200	140	8.92
1407-167	1-1/4X3/4	25	250	140	8.92
1407-168	1-1/4X1	25	0	140	8.92
1407-211	1-1/2X1	10	80	140	10.14
1407-212	1-1/2X1-1/4	10	80	140	11.01
1407-251	2X1-1/2	10	0	140	17.99



Insert Fittings Product

Spiral Barb & Regular Insert Fittings

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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90° EII - PVC

Insert x Mipt



1413-005	1/2	50	600	140	5.33
1413-007	3/4	50	400	140	7.41
1413-010	1	25	200	140	9.67
1413-012	1-1/4	10	120	140	12.86
1413-015	1-1/2	10	80	140	17.08
1413-015H	1-1/2	10	80	140	17.08
1413-020	2	10	0	140	26.96

90° EII - CPVC

Insert x Mipt

1413-020C	2	10	0	143	31.59
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90° EII Reducing - PVC

Insert x Mipt



1413-055	3/8X3/4	50	200	140	5.73
1413-101	3/4X1/2	50	300	140	9.19
1413-130	1X1/2	50	400	140	10.48
1413-131	1X3/4	50	0	140	11.25

90° Side Outlet EII - PVC

Insert x Insert x Fipt



1414-101	3/4X3/4X1/2	50	0	140	12.22
1414-130	1X1X1/2	25	200	140	13.14
1414-131	1X3/4	50	0	140	13.14

Side Outlet Tee - PVC

Insert x Insert x Insert x Fipt



1416-007	3/4X3/4	50	0	140	15.76
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Side Outlet Tee, Reducing - PVC

Insert x Insert x Insert x Fipt

1416-101	3/4X1/2	50	0	140	15.76
1416-130	1X1/2	50	0	140	16.75
1416-131	1X3/4	50	0	140	16.75

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Cross - PVC

Insert



1420-005	1/2	50	0	140	8.96
1420-007	3/4	25	150	140	12.17
1420-010	1	25	0	140	15.08

Coupling - PVC

Insert x Insert



1429-005	1/2	50	600	140	2.15
1429-007	3/4	50	600	140	2.60
1429-010	1	50	400	140	2.72
1429-012	1-1/4	25	200	140	4.02
1429-015	1-1/2	25	0	140	4.75
1429-020	2	25	0	140	8.98
1429-025	2-1/2	10	0	140	23.28
1429-030	3	10	0	140	39.55
1429-040	4	10	0	140	53.81
1429-060	6	6	0	140	152.49
1429-080	8	4	0	140	330.07

Coupling - CPVC

Insert x Insert

1429-005C	1/2	50	600	142	3.05
1429-007C	3/4	50	600	142	4.43
1429-010C	1	50	400	143	3.60

Coupling, Reducer - PVC

Insert x Insert



1429-101	3/4X1/2	50	600	140	3.51
1429-130	1X1/2	50	400	140	4.84
1429-131	1X3/4	50	400	140	3.64
1429-1315	1X7/8	50	400	140	7.43
1429-167	1-1/4X3/4	25	300	140	7.43
1429-168	1-1/4X1	25	200	140	5.73
1429-210	1-1/2X3/4	25	275	140	8.98
1429-211	1-1/2X1	25	200	140	8.64
1429-212	1-1/2X1-1/4	25	0	140	6.72
1429-249	2X1	10	80	140	12.22
1429-250	2X1-1/4	10	80	140	11.37
1429-251	2X1-1/2	10	80	140	10.81
1429-291	2-1/2X1-1/2	10	0	140	30.95
1429-338	3X2	12	0	140	87.51
1429-422	4X3	18	0	140	153.86
1429-532	6X4	8	0	140	175.02

Insert Fittings Product
Spiral Barb & Regular Insert Fittings



Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Female Adapter - PVC

Fipt x Insert

1435-005	1/2	50	300	140	9.43
1435-007	3/4	50	400	140	10.27
1435-010	1	50	0	140	11.37
1435-012	1-1/4	25	0	140	13.97
1435-015	1-1/2	25	0	140	17.72
1435-020	2	10	80	140	22.55



Female Adapter, Reducing - PVC

Fipt x Insert

1435-074	1/2X3/4	50	500	140	13.14
1435-101	3/4X1/2	50	600	140	12.18
1435-102	3/4X1	50	0	140	13.58
1435-131*	1X3/4	50	300	140	8.96

* PVC White



Female Adapter - CPVC

Fipt x Insert

1435-005C	1/2	50	300	143	10.07
1435-007C	3/4	50	400	143	13.77
1435-010C	1	50	0	143	15.62
1435-012C	1-1/4	25	0	143	17.14
1435-015C	1-1/2	25	0	143	21.65
1435-020C	2	10	0	143	28.35



Female Adapter, Special Reinforced - PVC

SR Fipt x Insert

1435-005SR	1/2	50	400	142	12.61
1435-007SR	3/4	50	400	142	14.94
1435-010SR	1	50	0	142	17.76
1435-015SR	1-1/2	20	0	142	50.11



Male Adapter - PVC

Mipt x Insert

1436-002	1/4	200	1200	140	2.13
1436-005	1/2	50	600	140	2.13
1436-007	3/4	50	400	140	2.60
1436-010	1	50	0	140	2.66
1436-012	1-1/4	20	160	140	4.23
1436-015	1-1/2	25	0	140	4.75
1436-015W	1-1/2	20	0	140	10.00
1436-020	2	10	0	140	9.13
1436-025	2-1/2	10	0	140	37.38

Made in the U.S.A.

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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Male Adapter - PVC (continued)

Mipt x Insert

1436-030	3	10	0	140	43.12
1436-040	4	10	0	140	59.96
1436-060G ¹	6	4	0	140	338.15
1436-060 ²	6	4	0	140	304.31

¹ Fabricated - Gray PVC

² Fabricated - White PVC

Male Adapter - CPVC

Mipt x Insert

1436-005C	1/2	50	600	143	2.86
1436-007C	3/4	50	400	143	3.47
1436-010C	1	50	0	143	3.59
1436-012C	1-1/4	20	160	143	5.39
1436-015C	1-1/2	25	0	143	6.41
1436-020C	2	10	0	143	12.22
1436-030C	3	10	0	143	55.36
1436-040C	4	10	0	143	85.55
1436-060C	6	4	0	143	636.06
1436-080CF	8	1	0	143	737.07



Male Adapter, Reducing - PVC

Mipt x Insert

1436-074	1/2X3/4	50	300	140	6.72
1436-075	1/2X1	50	200	140	7.02
1436-101	3/4X1/2	50	400	140	6.07
1436-102	3/4X1	50	400	140	7.02
1436-131	1X3/4	50	0	140	6.27
1436-132	1X1-1/4	25	200	140	8.45
1436-133	1X1-1/2	25	0	140	12.80
1436-167	1-1/4X3/4	25	200	140	7.43
1436-168	1-1/4X1	25	200	140	7.96
1436-169	1-1/4X1-1/2	10	120	140	12.80
1436-211	1-1/2X1	25	0	140	9.67
1436-212	1-1/2X1-1/4	25	0	140	9.67
1436-213	1-1/2X2	10	80	140	16.40
1436-251	2X1-1/2	10	80	140	16.25
1436-252 ¹	2X2-1/2	10	0	140	29.56
1436-292 ¹	2-1/2X2	10	0	140	130.41

¹ Assembled molded components



Male Adapter, Reducing - CPVC

Mipt x Insert

1436-073C	1/2X3/8	50	300	143	3.15
1436-074C	1/2X3/4	50	300	142	7.62
1436-101C	3/4X1/2	50	600	142	8.64
1436-212C	1-1/2X1-1/4	25	0	143	12.59



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

See Spears® On-line Catalog @ www.spearsmfg.com for Pricing



Insert Fittings Product
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Female Hose Adapter - PVC



Female Hose Thread x Insert

1435-007FHT	3/4	50	400	140	12.22
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Male Hose Adapter - PVC



Male Hose Thread x Insert

1436-007MHT	3/4	50	400	140	6.33
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Male Hose Adapter, Reducing - PVC



Male Hose Thread x Insert

1436-101MHT	3/4X1/2	50	400	140	6.02
1436-102MHT	3/4X1	50	400	140	6.88

Pool Adapter - PVC



Mipt x Hose ID

1436-204	1-1/2X1-1/2X1-1/4	25	0	140	12.17
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Pool Adapter - PP



Mipt x Hose ID

Not NSF® Approved

1436-204P	1-1/2X1-1/2X1-1/4	25	0	140	12.17
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Plug - PVC



Insert

1449-005	1/2	100	600	140	3.83
1449-007	3/4	100	1200	140	4.02
1449-010	1	50	600	140	5.41
1449-012	1-1/4	25	300	140	6.85
1449-015	1-1/2	25	300	140	7.47
1449-020	2	10	120	140	13.20

Lay Flat Plug - PVC



Insert

For Lay Flat Type Hose

1449-030LF	3	4	0	140	51.05
1449-040LF	4	4	0	140	66.93
1449-060LF	6	1	6	140	363.35