



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	3.20
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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	5.80
1401-129	1X3/8	25	200	140	6.33



**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	2.29
1413-099	3/4X3/8	50	200	140	2.29



**Spiral Barb Coupling - PVC**

**Spiral Barb x Spiral Barb**

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

1429-003	3/8	50	300	140	3.44
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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	3.76
1429-129	1X3/8	50	200	140	4.01



**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	2.29
1436-099	3/4X3/8	50	300	140	2.29



**Insert Adapter - PVC White**

**Insert x I.P.S. Spigot**

460-005	1/2	50	300	040	4.00
460-007	3/4	50	200	040	5.24
460-007N	3/4X3/4X1/2	50	200	040	5.24
460-010	1	50	0	040	5.48



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	5.68
460-012N	1-1/4X1-1/4X1	20	160	040	5.68
460-015	1-1/2	25	0	040	6.07
460-020	2	10	0	040	10.11
460-030	3	25	0	040	34.15
460-040	4	10	0	040	39.33
460-131N	3/4X1X3/4	20	160	040	6.09
460-132N	1X1-1/4X1	20	160	040	6.62
1432-060	6	8	0	140	169.03
1432-080	8	4	0	140	335.58

N = Nesting

**Insert Adapter - PVC Gray**

**Insert x I.P.S. Spigot**

460-005G	1/2	50	300	043	4.43
460-007G	3/4	50	200	043	5.82
460-010G	1	50	0	043	6.07
460-012G	1-1/4	20	160	043	6.31
460-015G	1-1/2	25	0	043	6.75
460-020G	2	10	0	043	11.23
460-030G	3	25	0	043	37.93
460-040G	4	10	0	043	42.01
1432-060G	6	4	0	140	187.83



**Insert Adapter - CPVC**

**Insert x I.P.S. Spigot**

460-005C	1/2	50	300	010	6.72
460-007C	3/4	50	200	010	8.74
460-010C	1	50	0	010	9.12
460-015C	1-1/2	25	0	010	11.66
460-020C	2	10	0	010	16.81
460-030C	3	25	0	010	56.81



**Insert Adapter - PVC White**

**Insert x Socket**

474-005	1/2	50	600	040	3.64
474-007	3/4	50	400	040	4.36
474-010	1	50	0	040	4.64
474-012	1-1/4	25	0	040	7.36
474-015	1-1/2	25	0	040	8.15
474-020	2	25	0	040	15.08
474-030	3	15	0	040	44.98
474-040	4	15	0	040	51.44





## 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	4.04
474-007G	3/4	50	400	043	4.88
474-010G	1	50	0	043	5.16
474-012G	1-1/4	25	0	043	8.17
474-015G	1-1/2	25	0	043	8.46
474-020G	2	25	0	043	16.75

### Insert Adapter 90° Ell - PVC White

Insert x I.P.S. Spigot



460A-015	1-1/2	10	80	040	12.07
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### Tee - PVC

Insert x Insert x Insert



1401-005	1/2	50	400	140	3.73
1401-007	3/4	50	0	140	4.04
1401-010	1	25	150	140	5.24
1401-012	1-1/4	10	80	140	8.20
1401-015	1-1/2	10	0	140	9.31
1401-020	2	10	0	140	18.38
1401-040 <sup>1</sup>	4	2	0	140	282.60
1401-060 <sup>1</sup>	6	1	0	140	529.37

<sup>1</sup> Assembled molded components

### Tee - CPVC

Insert x Insert x Insert



1401-005C	1/2	50	400	143	6.24
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### Tee, Reducing - PVC

Insert x Insert x Insert



1401-074	1/2X3/4	25	400	140	10.07
1401-094	3/4X1/2X1/2	25	300	140	5.04
1401-101	3/4X1/2	25	150	140	4.57
1401-102	3/4X1	25	250	140	11.59
1401-124	1X3/4X1/2	25	200	140	7.34
1401-125	1X3/4X3/4	25	200	140	8.73
1401-130	1X1/2	25	200	140	5.37
1401-131	1X3/4	25	200	140	5.40
1401-132	1X1-1/4	25	0	140	16.18
1401-156	1-1/4X1X1/2	25	0	140	10.02
1401-157	1-1/4X1X3/4	25	0	140	10.02
1401-158	1-1/4X1X1	25	0	140	10.02
1401-166	1-1/4X1/2	25	0	140	7.03

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	7.03
1401-168	1-1/4X1	25	0	140	7.03
1401-169	1-1/4X1-1/2	25	0	140	7.03
1401-201	1-1/2X1-1/4X3/4	10	80	140	12.63
1401-202	1-1/2X1-1/4X1	10	80	140	12.63
1401-203	1-1/2X1-1/4X1-1/4	10	0	140	12.63
1401-209	1-1/2X1/2	10	80	140	12.27
1401-210	1-1/2X3/4	10	80	140	12.27
1401-211	1-1/2X1	10	80	140	12.27
1401-212	1-1/2X1-1/4	10	0	140	12.27
1401-241	2X1-1/2X1-1/2	10	0	140	16.18
1401-247	2X1/2	10	0	140	17.46
1401-248	2X3/4	10	0	140	17.46
1401-249	2X1	10	0	140	17.46
1401-250	2X1-1/4	10	0	140	18.25
1401-251	2X1-1/2	10	0	140	18.81
1401-335 <sup>1</sup>	3X1	5	0	140	195.18
1401-338 <sup>1</sup>	3X2	5	0	140	215.09

<sup>1</sup> Assembled molded components

### Tee - PVC

Insert x Insert x Fipt



1402-005	1/2	50	400	140	4.04
1402-007	3/4	50	0	140	6.07
1402-010	1	25	0	140	7.16
1402-012	1-1/4	10	0	140	10.52
1402-015	1-1/2	10	0	140	18.25
1402-020	2	10	0	140	22.66

### Tee, Reducing - PVC

Insert x Insert x Fipt



1402-094	3/4X1/2X1/2	25	200	140	6.60
1402-101	3/4X1/2	25	150	140	5.04
1402-124	1X3/4X1/2	25	200	140	8.25
1402-125	1X3/4X3/4	25	0	140	9.82
1402-130	1X1/2	25	200	140	6.62
1402-131	1X3/4	25	200	140	6.62
1402-156	1-1/4X1X1/2	25	0	140	12.17
1402-157	1-1/4X1X3/4	25	0	140	14.24
1402-166	1-1/4X1/2	25	0	140	9.03
1402-167	1-1/4X3/4	25	0	140	9.96
1402-168	1-1/4X1	25	0	140	10.52
1402-199	1-1/2X1-1/4X1/2	25	0	140	19.18
1402-201	1-1/2X1-1/4X3/4	10	0	140	21.36
1402-202	1-1/2X1-1/4X1	10	0	140	24.44
1402-209	1-1/2X1/2	10	80	140	13.87
1402-210	1-1/2X3/4	10	80	140	16.41
1402-211	1-1/2X1	10	0	140	16.41
1402-212	1-1/2X1-1/4	10	0	140	16.86

**Insert Fittings Product**  
**Spiral Barb & Regular Insert Fittings**



Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
<b>Tee, Reducing - PVC (continued)</b>					
<b>Insert x Insert x Fipt</b>					
1402-247	2X1/2	10	0	140	18.61
1402-248	2X3/4	10	0	140	19.67
1402-249	2X1	10	0	140	21.62
1402-251	2X1-1/2	10	0	140	22.66

**Tee, Reducing - PVC**

**Insert x Insert x Mipt**

1403-130	1X1X1/2	25	200	140	8.61
1403-131	1X1X3/4	25	200	140	8.61

**Tee - PVC**

**Insert x Insert x Mipt**

1403-005	1/2	50	500	140	5.16
1403-007	3/4	50	0	140	7.03
1403-010	1	25	0	140	9.03
1403-012	1-1/4	10	80	140	11.75
1403-015	1-1/2	10	0	140	13.14
1403-020	2	10	0	140	20.44

**Tee - PVC**

**Insert x Insert x Socket**

1404-007	3/4	50	0	140	6.57
1404-010	1	25	0	140	7.16

**Tee, Reducing - PVC**

**Insert x Insert x Socket**

1404-101	3/4X1/2	50	0	140	10.33
1404-102	3/4X3/4X1	100	0	140	11.59

**90° Ell - PVC**

**Insert x Insert**

1406-005	1/2	50	1000	140	3.40
1406-007	3/4	50	400	140	4.17
1406-010	1	25	200	140	4.61
1406-012	1-1/4	10	180	140	5.16
1406-015	1-1/2	10	80	140	6.07
1406-020	2	10	0	140	8.49
1406-025	2-1/2	10	0	140	38.29
1406-040 <sup>1</sup>	4	2	0	140	126.82

<sup>1</sup> Assembled

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
<b>90° Ell - CPVC</b>					
<b>Insert x Fipt</b>					
1407-007C	3/4	50	0	142	5.82

**90° Ell, Reducing - PVC**

**Insert x Insert**

1406-101	3/4X1/2	25	300	140	3.94
1406-131	1X3/4	25	300	140	4.84
1406-168	1-1/4X1	25	0	140	7.16
1406-212	1-1/2X1-1/4	10	80	140	8.49
1406-251	2X1-1/2	10	0	140	9.34

**90° Ell, Reducing - CPVC**

**Insert x Fipt**

1407-074C	1/2X3/4	20	160	143	11.66
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**90° Ell - PVC**

**Insert x Fipt**

1407-005	1/2	50	400	140	3.83
1407-007	3/4	50	0	140	4.17
1407-010	1	25	0	140	5.37
1407-012	1-1/4	10	140	140	7.94
1407-015	1-1/2	10	0	140	9.03
1407-020	2	10	0	140	15.24

**90° Ell, Reducing - PVC**

**Insert x Fipt**

1407-074	1/2X3/4	50	400	140	3.94
1407-101	3/4X1/2	50	400	140	3.94
1407-130	1X1/2	25	300	140	4.17
1407-131	1X3/4	25	200	140	4.84
1407-166	1-1/4X1/2	25	200	140	7.16
1407-167	1-1/4X3/4	25	250	140	7.16
1407-168	1-1/4X1	25	0	140	7.16
1407-211	1-1/2X1	10	80	140	8.15
1407-212	1-1/2X1-1/4	10	80	140	8.85
1407-251	2X1-1/2	10	0	140	14.46

**90° Ell - PVC**

**Insert x Mipt**

1413-005	1/2	50	600	140	4.28
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**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 (continued)**

**Insert x Mipt**

1413-007	3/4	50	400	140	5.96
1413-010	1	25	200	140	7.77
1413-012	1-1/4	10	120	140	10.34
1413-015	1-1/2	10	80	140	13.73
1413-015H	1-1/2	10	80	140	13.73
1413-020	2	10	0	140	21.67

**90° EII - CPVC**

**Insert x Mipt**

1413-020C	2	10	0	143	27.01
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**90° EII Reducing - PVC**

**Insert x Mipt**

1413-055	3/8X3/4	50	200	140	4.61
1413-101	3/4X1/2	50	300	140	7.39
1413-130	1X1/2	50	400	140	8.42
1413-131	1X3/4	50	0	140	9.04

**90° Side Outlet EII - PVC**

**Insert x Insert x Fipt**

1414-101	3/4X3/4X1/2	50	0	140	9.82
1414-130	1X1X1/2	25	200	140	10.56
1414-131	1X3/4	50	0	140	10.56

**Side Outlet Tee - PVC**

**Insert x Insert x Insert x Fipt**

1416-007	3/4X3/4	50	0	140	12.66
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**Side Outlet Tee, Reducing - PVC**

**Insert x Insert x Insert x Fipt**

1416-101	3/4X1/2	50	0	140	12.66
1416-130	1X1/2	50	0	140	13.46
1416-131	1X3/4	50	0	140	13.46

**Cross - PVC**

**Insert**

1420-005	1/2	50	0	140	7.20
1420-007	3/4	25	150	140	9.78
1420-010	1	25	0	140	12.13

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

**Insert x Insert**

1429-005	1/2	50	600	140	1.73
1429-007	3/4	50	600	140	2.09
1429-010	1	50	400	140	2.18
1429-012	1-1/4	25	200	140	3.23
1429-015	1-1/2	25	0	140	3.82
1429-020	2	25	0	140	7.22
1429-025	2-1/2	10	0	140	18.72
1429-030	3	10	0	140	31.78
1429-040	4	10	0	140	43.25
1429-060	6	6	0	140	122.56
1429-080	8	4	0	140	265.28

**Coupling - CPVC**

**Insert x Insert**

1429-005C	1/2	50	600	142	2.45
1429-007C	3/4	50	600	142	3.56
1429-010C	1	50	400	143	3.08

**Coupling, Reducer - PVC**

**Insert x Insert**

1429-101	3/4X1/2	50	600	140	2.82
1429-130	1X1/2	50	400	140	3.89
1429-131	1X3/4	50	400	140	2.92
1429-1315	1X7/8	50	400	140	5.97
1429-167	1-1/4X3/4	25	300	140	5.97
1429-168	1-1/4X1	25	200	140	4.61
1429-210	1-1/2X3/4	25	275	140	7.22
1429-211	1-1/2X1	25	200	140	6.95
1429-212	1-1/2X1-1/4	25	0	140	5.40
1429-249	2X1	10	80	140	9.82
1429-250	2X1-1/4	10	80	140	9.14
1429-251	2X1-1/2	10	80	140	8.69
1429-291	2-1/2X1-1/2	10	0	140	24.87
1429-338	3X2	12	0	140	70.33
1429-422	4X3	18	0	140	123.66
1429-532	6X4	8	0	140	140.66

**Female Adapter - PVC**

**Fipt x Insert**

1435-005	1/2	50	300	140	7.58
1435-007	3/4	50	400	140	8.25
1435-010	1	50	0	140	9.14
1435-012	1-1/4	25	0	140	11.22
1435-015	1-1/2	25	0	140	14.24

**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 (continued)**

**Fipt x Insert**

1435-020	2	10	80	140	18.12
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**Female Adapter, Reducing - PVC**

**Fipt x Insert**

1435-074	1/2X3/4	50	500	140	10.56
1435-101	3/4X1/2	50	600	140	9.79
1435-102	3/4X1	50	0	140	10.91
1435-131*	1X3/4	50	300	140	7.20

\* PVC White

**Female Adapter - CPVC**

**Fipt x Insert**

1435-005C	1/2	50	300	143	8.61
1435-007C	3/4	50	400	143	11.77
1435-010C	1	50	0	143	13.36
1435-012C	1-1/4	25	0	143	14.65
1435-015C	1-1/2	25	0	143	18.51
1435-020C	2	10	0	143	24.24

**Female Adapter, Special Reinforced - PVC**

**SR Fipt x Insert**

1435-005SR	1/2	50	400	142	10.13
1435-007SR	3/4	50	400	142	12.00
1435-010SR	1	50	0	142	14.27
1435-015SR	1-1/2	20	0	142	40.27

**Male Adapter - PVC**

**Mipt x Insert**

1436-002	1/4	200	1200	140	1.71
1436-005	1/2	50	600	140	1.71
1436-007	3/4	50	400	140	2.09
1436-010	1	50	0	140	2.14
1436-012	1-1/4	20	160	140	3.40
1436-015	1-1/2	25	0	140	3.82
1436-015W	1-1/2	20	0	140	8.04
1436-020	2	10	0	140	7.33
1436-025	2-1/2	10	0	140	30.04
1436-030	3	10	0	140	34.65
1436-040	4	10	0	140	48.18
1436-060G <sup>1</sup>	6	4	0	140	271.77
1436-060 <sup>2</sup>	6	4	0	140	244.57

<sup>1</sup> Fabricated - Gray PVC

<sup>2</sup> Fabricated - White PVC

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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**Male Adapter - CPVC**

**Mipt x Insert**

1436-005C	1/2	50	600	143	2.45
1436-007C	3/4	50	400	143	2.97
1436-010C	1	50	0	143	3.07
1436-012C	1-1/4	20	160	143	4.61
1436-015C	1-1/2	25	0	143	5.48
1436-020C	2	10	0	143	10.45
1436-030C	3	10	0	143	47.33
1436-040C	4	10	0	143	73.14
1436-060C	6	4	0	143	543.83
1436-080CF	8	1	0	143	630.20

**Male Adapter, Reducing - PVC**

**Mipt x Insert**

1436-074	1/2X3/4	50	300	140	5.40
1436-075	1/2X1	50	200	140	5.64
1436-101	3/4X1/2	50	400	140	4.88
1436-102	3/4X1	50	400	140	5.64
1436-131	1X3/4	50	0	140	5.04
1436-132	1X1-1/4	25	200	140	6.80
1436-133	1X1-1/2	25	0	140	10.28
1436-167	1-1/4X3/4	25	200	140	5.97
1436-168	1-1/4X1	25	200	140	6.39
1436-169	1-1/4X1-1/2	10	120	140	10.28
1436-211	1-1/2X1	25	0	140	7.77
1436-212	1-1/2X1-1/4	25	0	140	7.77
1436-213	1-1/2X2	10	80	140	13.18
1436-251	2X1-1/2	10	80	140	13.07
1436-252 <sup>1</sup>	2X2-1/2	10	0	140	23.75
1436-292 <sup>1</sup>	2-1/2X2	10	0	140	104.81

<sup>1</sup> Assembled molded components

**Male Adapter, Reducing - CPVC**

**Mipt x Insert**

1436-073C	1/2X3/8	50	300	143	2.69
1436-074C	1/2X3/4	50	300	142	6.13
1436-101C	3/4X1/2	50	600	142	6.95
1436-212C	1-1/2X1-1/4	25	0	143	10.76

**Female Hose Adapter - PVC**

**Female Hose Thread x Insert**

1435-007FHT	3/4	50	400	140	9.82
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Insert Fittings Product  
**Spiral Barb & Regular Insert Fittings**

Part Number	Size	Std Pk	Mstr Ctn	Prod Code	MSRP
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**Male Hose Adapter - PVC**



**Male Hose Thread x Insert**

1436-007MHT	<b>3/4</b>	50	400	140	5.09
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**Male Hose Adapter, Reducing - PVC**



**Male Hose Thread x Insert**

1436-101MHT	<b>3/4X1/2</b>	50	400	140	4.84
1436-102MHT	<b>3/4X1</b>	50	400	140	5.54

**Pool Adapter - PVC**



**Mipt x Hose ID**

1436-204	<b>1-1/2X1-1/2X1-1/4</b>	25	0	140	9.78
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**Pool Adapter - PP**



**Mipt x Hose ID**

Not NSF® Approved

1436-204P	<b>1-1/2X1-1/2X1-1/4</b>	25	0	140	9.78
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**Plug - PVC**



**Insert**

1449-005	<b>1/2</b>	100	600	140	3.08
1449-007	<b>3/4</b>	100	1200	140	3.23
1449-010	<b>1</b>	50	600	140	4.35
1449-012	<b>1-1/4</b>	25	300	140	5.51
1449-015	<b>1-1/2</b>	25	300	140	6.01
1449-020	<b>2</b>	10	120	140	10.61

**Lay Flat Plug - PVC**



**Insert**

For Lay Flat Type Hose

1449-030LF	<b>3</b>	4	0	140	41.03
1449-040LF	<b>4</b>	4	0	140	53.79
1449-060LF	<b>6</b>	1	6	140	292.02