



SPEARS® SWING JOINT RISER CROSS REFERENCE

Lasco, Dura & Rain Bird Part Numbers Cross-Referenced to Spears® Part Numbers

SJ-7-1111

Cross-Referenced to Spears® Part Numbers

This cross-reference is intended as an aid in determining the closest approximation of an “equal” when ordering Spears® Buttress Thread Riser Swing Joint Assemblies as an alternative to Lasco, Dura, or Rain Bird products. Because of critical differences in the way each manufacturer engineers their product, no true exact equal can be determined for any manufacturer’s product. The following considerations should be noted when using this cross-reference.

The length as called out by the part number is determined by Spears® as the length of the buttress thread riser nipple. The length as called out by the Lasco, Rain Bird and Dura part number are determined by the “Lay Length” which is described as the “Centerline to Centerline” measurement on the Spears® assemblies. A Spears® 8” riser is longer than a Lasco, Rain Bird or Dura 8” riser. A Spears® 10” riser is ‘roughly equivalent’ to a Lasco or Dura 12” riser. A Spears® 12” riser is slightly longer than a Lasco, Rain Bird or Dura 14” riser, and a Spears® 16” Riser is ‘roughly equivalent’ to a Dura, Lasco, and Rain Bird 18” Riser. For exact “overall length” and “centerline to centerline” measurements, consult Spears® SJ-1 Price Schedule.

Spears® metal insert FIPT outlet risers are designed for use with ‘quick coupler valves’. Spears® outlet elbows do not incorporate the “ears” or “retaining lugs” for rebar stabilizing rods. This method of stabilization defeats the intended purpose of the swing joint assembly. Rebar driven perpendicular to the supply line can be driven through the pipeline.

**In all cases the Spears® products meet and exceed
the minimum Specifications for Dura ‘Unibody’
Lasco ‘Unitized’, and Rain Bird swing joint assemblies.**

Allegations regarding PVC thread styles, specifically with regards to PVC ACME vs. Buttress style threads are misleading and inaccurate at best. Contact the Spears® Technical Services Department for more information regarding ACME vs. Buttress style thermoplastic threads.

Spears®, Rain Bird, Lasco and Dura swing joints are rated at 315 psi @ 73°F when tested in accordance with ASTM 3139. Additionally, Spears® swing joints are fully tested for the most demanding applications through ASTM D 1599 hydrostatic burst test, and ASTM D 1598 sustained pressure tests.

Test	Reference Standard	Spears®	Lasco	Dura	Rain Bird
Hydrostatic Burst-Test per ASTM D 1599, 60-70 secs.	ASTM D 1785 / D 2467	1” = 1020 psi 1-1/4” = 1660 psi 1-1/2” = 1510 psi	Not Available	Not Available	Not Available
Sustained Pressure Test per ASTM D 1598, 1000 hrs.	ASTM D 2241, SDR 13.5 (315 psi Pressure rating)	All sizes = 670 psi, min.	Not Available	Not Available	Not Available
Hydrostatic Leak - Test 1 hr. @ 2.5 x Pressure Rating	ASTM D 3139	No Pressure Loss	Not Available	Not Available	No Pressure Loss
Vacuum* - Test per ASTM D 3139	ASTM D 3139	No Leakage	Not Available	Not Available	Not Available
Dimensions - measured per ASTM D 2122	ASTM D 2467	Sockets = Sch 80 Wall = Exceed Sch 80	Schedule 80	Schedule 80	Schedule 80
O-ring Type and Dimensions	AS 568A	Nitrile (Buna-N)	Not Available	Not Available	Not Available
Warranty		Lifetime Limited Warranty	5 Years	5 Years	5 Years

“Lay Length” measurements are determined from the same point of the assemblies. Lasco, Rain Bird and Dura “Lay Length” is measured from the points determined as the Spears® “Centerline to Centerline”. Due to differences in product engineering, it is difficult to arrive at an ‘exact’ equivalent. This cross reference represents the most commonly accepted ‘equals.’

Others Lay Length	Spears® Riser Nipple Length	Spears® C/L Dimension 1”	Spears® C/L Dimension 1-1/4”	Spears® C/L Dimension 1-1/2”
6”	N/A	N/A	N/A	N/A
8”	N/A	N/A	N/A	N/A
10”	8”	9-11/16”	10-3/16”	10-7/16”
12”	10”	11-11/16”	12-3/16”	12-7/16”
14”	12”	13-11/16”	14-3/16”	14-7/16”
16”	14”	15-11/16”	16-3/16”	16-7/16”
18”	16”	17-11/16”	18-3/16”	18-7/16”

*Spears® Manufacturing Company believes this information to be accurate at time of printing. Spears® Manufacturing shall not be held responsible for any errors or omissions. Any problems arising out of the use of this document is the sole responsibility of the user. Verification of this data is recommended.

DESCRIPTION	SPEARS®	LASCO	DURA	RAIN BIRD
1" Soc Inlet x Mipt Outlet			1-A4-3-1-6	
1" Soc Inlet x Mipt Outlet		G112-208	1-A4-3-1-8	SJ-8-100-61
1" Soc Inlet x Mipt Outlet	5805-01008		1-A4-3-1-10	
1" Soc Inlet x Mipt Outlet	5805-01010	G112-212	1-A4-3-1-12	SJ-12-100-61
1" Soc Inlet x Mipt Outlet	5805-01012		1-A4-3-1-14	
1" Soc Inlet x Mipt Outlet	5805-01014		1-A4-3-1-16	
1" Soc Inlet x Mipt Outlet	5805-01016	G112-218	1-A4-3-1-18	SJ-18-100-61
1" Soc Inlet x Mipt Outlet	5805-01024			
1-1/4" Soc Inlet x Mipt Outlet			2-A4-3-1-6	
1-1/4" Soc Inlet x Mipt Outlet		G212-208	2-A4-3-1-8	SJ-8-125-61
1-1/4" Soc Inlet x Mipt Outlet	5805-01208		2-A4-3-1-10	
1-1/4" Soc Inlet x Mipt Outlet	5805-01210	G212-212	2-A4-3-1-12	SJ-12-125-61
1-1/4" Soc Inlet x Mipt Outlet	5805-01212		2-A4-3-1-14	
1-1/4" Soc Inlet x Mipt Outlet	5805-01214		2-A4-3-1-16	
1-1/4" Soc Inlet x Mipt Outlet	5805-01216	G212-218	2-A4-3-1-18	SJ-18-125-61
1-1/2" Soc Inlet x Mipt Outlet			3-A4-3-1-6	
1-1/2" Soc Inlet x Mipt Outlet		G312-208	3-A4-3-1-8	SJ-8-150-61
1-1/2" Soc Inlet x Mipt Outlet	5805-01508		3-A4-3-1-10	
1-1/2" Soc Inlet x Mipt Outlet	5805-01510	G312-212	3-A4-3-1-12	SJ-12-150-61
1-1/2" Soc Inlet x Mipt Outlet	5805-01512		3-A4-3-1-14	
1-1/2" Soc Inlet x Mipt Outlet	5805-01514		3-A4-3-1-16	
1-1/2" Soc Inlet x Mipt Outlet	5805-01516	G312-218	3-A4-3-1-18	SJ-18-150-61
1-1/2" Soc Inlet x Mipt Outlet	5805-01518			
1" Soc Inlet x 1-1/4" Mipt Outlet			1-A4-4-1-6	
1" Soc Inlet x 1-1/4" Mipt Outlet		G114-208	1-A4-4-1-8	SJ-8-100-64
1" Soc Inlet x 1-1/4" Mipt Outlet	5805-13208		1-A4-4-1-10	
1" Soc Inlet x 1-1/4" Mipt Outlet	5805-13210	G114-212	1-A4-4-1-12	SJ-10-100-64
1" Soc Inlet x 1-1/4" Mipt Outlet	5805-13212		1-A4-4-1-14	
1" Soc Inlet x 1-1/4" Mipt Outlet	5805-13214		1-A4-4-1-16	
1" Soc Inlet x 1-1/4" Mipt Outlet	5805-13216	G114-218	1-A4-4-1-18	SJ-18-100-64
1" Soc Inlet x 1-1/2" Mipt Outlet			1-A4-5-1-6	
1" Soc Inlet x 1-1/2" Mipt Outlet		G113-208	1-A4-5-1-8	
1" Soc Inlet x 1-1/2" Mipt Outlet	5805-13308		1-A4-5-1-10	
1" Soc Inlet x 1-1/2" Mipt Outlet	5805-13310	G113-212	1-A4-5-1-12	
1" Soc Inlet x 1-1/2" Mipt Outlet	5805-13312		1-A4-5-1-14	
1" Soc Inlet x 1-1/2" Mipt Outlet	5805-13314		1-A4-5-1-16	
1" Soc Inlet x 1-1/2" Mipt Outlet	5805-13316	G113-218	1-A4-5-1-18	
1-1/4" Soc Inlet x 1" Mipt Outlet			2-A4-7-1-6	
1-1/4" Soc Inlet x 1" Mipt Outlet		G217-208	2-A4-7-1-8	
1-1/4" Soc Inlet x 1" Mipt Outlet	5805-16808		2-A4-7-1-10	
1-1/4" Soc Inlet x 1" Mipt Outlet	5805-16810	G217-212	2-A4-7-1-12	
1-1/4" Soc Inlet x 1" Mipt Outlet	5805-16812		2-A4-7-1-14	
1-1/4" Soc Inlet x 1" Mipt Outlet	5805-16814		2-A4-7-1-16	
1-1/4" Soc Inlet x 1" Mipt Outlet	5805-16816	G113-218	2-A4-7-1-18	
1-1/4" Soc Inlet x 1-1/2" Mipt Outlet			2-A4-6-1-6	
1-1/4" Soc Inlet x 1-1/2" Mipt Outlet			2-A4-6-1-8	SJ-8-125-64
1-1/4" Soc Inlet x 1-1/2" Mipt Outlet	5805-16908		2-A4-6-1-10	
1-1/4" Soc Inlet x 1-1/2" Mipt Outlet	5805-16910		2-A4-6-1-12	SJ-12-125-64

DESCRIPTION	SPEARS®	LASCO	DURA	RAIN BIRD
1-1/4" Soc Inlet x 1-1/2" Mipt Outlet	5805-16912		2-A4-6-1-14	
1-1/4" Soc Inlet x 1-1/2" Mipt Outlet	5805-16914		2-A4-6-1-16	
1-1/4" Soc Inlet x 1-1/2" Mipt Outlet	5805-16916	G213-218	2-A4-6-1-18	SJ-18-125-64
1-1/2" Soc Inlet x 1" Mipt Outlet			3-A4-8-1-6	
1-1/2" Soc Inlet x 1" Mipt Outlet		G317-208	3-A4-8-1-8	
1-1/2" Soc Inlet x 1" Mipt Outlet	5805-21108		3-A4-8-1-10	
1-1/2" Soc Inlet x 1" Mipt Outlet	5805-21110	G317-212	3-A4-8-1-12	
1-1/2" Soc Inlet x 1" Mipt Outlet	5805-21112		3-A4-8-1-14	
1-1/2" Soc Inlet x 1" Mipt Outlet	5805-21114		3-A4-8-1-16	
1-1/2" Soc Inlet x 1" Mipt Outlet	5805-21116	G317-218	3-A4-8-1-18	
1-1/2" Soc Inlet x 1-1/4" Mipt Outlet			3-A4-9-1-6	
1-1/2" Soc Inlet x 1-1/4" Mipt Outlet		G314-208	3-A4-9-1-8	
1-1/2" Soc Inlet x 1-1/4" Mipt Outlet	5805-21208		3-A4-9-1-10	
1-1/2" Soc Inlet x 1-1/4" Mipt Outlet	5805-21210	G314-212	3-A4-9-1-12	
1-1/2" Soc Inlet x 1-1/4" Mipt Outlet	5805-21212		3-A4-9-1-14	
1-1/2" Soc Inlet x 1-1/4" Mipt Outlet	5805-21214		3-A4-9-1-16	
1-1/2" Soc Inlet x 1-1/4" Mipt Outlet	5805-21216	G314-218	3-A4-9-1-18	
1" Spig Inlet x Mipt Outlet			1-A2-3-1-6	
1" Spig Inlet x Mipt Outlet		G122-208	1-A2-3-1-8	SJ-8-100-41
1" Spig Inlet x Mipt Outlet	5806-01008		1-A2-3-1-10	
1" Spig Inlet x Mipt Outlet	5806-01010	G122-212	1-A2-3-1-12	SJ-12-100-41
1" Spig Inlet x Mipt Outlet	5806-01012		1-A2-3-1-14	
1" Spig Inlet x Mipt Outlet	5806-01014		1-A2-3-1-16	
1" Spig Inlet x Mipt Outlet	5806-01016	G122-218	1-A2-3-1-18	SJ-18-100-41
1" Spig Inlet x Mipt Outlet	5806-01018			
1-1/4" Spig Inlet x Mipt Outlet			2-A2-3-1-6	
1-1/4" Spig Inlet x Mipt Outlet		G222-208	2-A2-3-1-8	SJ-8-125-41
1-1/4" Spig Inlet x Mipt Outlet	5806-01208		2-A2-3-1-10	
1-1/4" Spig Inlet x Mipt Outlet	5806-01210	G222-212	2-A2-3-1-12	SJ-12-125-41
1-1/4" Spig Inlet x Mipt Outlet	5806-01212		2-A2-3-1-14	
1-1/4" Spig Inlet x Mipt Outlet	5806-01214		2-A2-3-1-16	
1-1/4" Spig Inlet x Mipt Outlet	5806-01216	G222-218	2-A2-3-1-18	SJ-18-125-41
1-1/2" Spig Inlet x Mipt Outlet			3-A2-3-1-6	
1-1/2" Spig Inlet x Mipt Outlet		G322-208	3-A2-3-1-8	SJ-8-150-41
1-1/2" Spig Inlet x Mipt Outlet	5806-01508		3-A2-3-1-10	
1-1/2" Spig Inlet x Mipt Outlet	5806-01510	G322-212	3-A2-3-1-12	SJ-12-150-41
1-1/2" Spig Inlet x Mipt Outlet	5806-01512		3-A2-3-1-14	
1-1/2" Spig Inlet x Mipt Outlet	5806-01514		3-A2-3-1-16	
1-1/2" Spig Inlet x Mipt Outlet	5806-01516	G322-218	3-A2-3-1-18	SJ-18-150-41
1" Spig Inlet x 1-1/4" Mipt Outlet			1-A2-4-1-6	
1" Spig Inlet x 1-1/4" Mipt Outlet		G124-208	1-A2-4-1-8	SJ-8-100-44
1" Spig Inlet x 1-1/4" Mipt Outlet	5806-13208		1-A2-4-1-10	
1" Spig Inlet x 1-1/4" Mipt Outlet	5806-13210	G124-212	1-A2-4-1-12	SJ-12-100-44
1" Spig Inlet x 1-1/4" Mipt Outlet	5806-13212		1-A2-4-1-14	
1" Spig Inlet x 1-1/4" Mipt Outlet	5806-13214		1-A2-4-1-16	
1" Spig Inlet x 1-1/4" Mipt Outlet	5806-13216	G124-218	1-A2-4-1-18	SJ-18-100-44

DESCRIPTION	SPEARS®	LASCO	DURA	RAIN BIRD
1" Spig Inlet x 1-1/2" Mipt Outlet			1-A2-5-1-6	
1" Spig Inlet x 1-1/2" Mipt Outlet		G123-208	1-A2-5-1-8	
1" Spig Inlet x 1-1/2" Mipt Outlet	5806-13308		1-A2-5-1-10	
1" Spig Inlet x 1-1/2" Mipt Outlet	5806-13310	G123-212	1-A2-5-1-12	
1" Spig Inlet x 1-1/2" Mipt Outlet	5806-13312		1-A2-5-1-14	
1" Spig Inlet x 1-1/2" Mipt Outlet	5806-13314		1-A2-5-1-16	
1" Spig Inlet x 1-1/2" Mipt Outlet	5806-13316	G123-218	1-A2-5-1-18	
1-1/4" Spig Inlet x 1" Mipt Outlet			2-A2-7-1-6	
1-1/4" Spig Inlet x 1" Mipt Outlet		G227-208	2-A2-7-1-8	
1-1/4" Spig Inlet x 1" Mipt Outlet	5806-16808		2-A2-7-1-10	
1-1/4" Spig Inlet x 1" Mipt Outlet	5806-16810	G227-212	2-A2-7-1-12	
1-1/4" Spig Inlet x 1" Mipt Outlet	5806-16812		2-A2-7-1-14	
1-1/4" Spig Inlet x 1" Mipt Outlet	5806-16814		2-A2-7-1-16	
1-1/4" Spig Inlet x 1" Mipt Outlet	5805-16816	G227-218	2-A2-7-1-18	
1-1/4" Spig Inlet x 1-1/2" Mipt Outlet			2-A2-6-1-6	
1-1/4" Spig Inlet x 1-1/2" Mipt Outlet		G223-208	2-A2-6-1-8	SJ-8-125-44
1-1/4" Spig Inlet x 1-1/2" Mipt Outlet	5806-16908		2-A2-6-1-10	
1-1/4" Spig Inlet x 1-1/2" Mipt Outlet	5806-16910	G223-212	2-A2-6-1-12	SJ-12-125-44
1-1/4" Spig Inlet x 1-1/2" Mipt Outlet	5806-16912		2-A2-6-1-14	
1-1/4" Spig Inlet x 1-1/2" Mipt Outlet	5806-16914		2-A2-6-1-16	
1-1/4" Spig Inlet x 1-1/2" Mipt Outlet	5806-16916	G223-218	2-A2-6-1-18	SJ-18-125-44
1-1/2" Spig Inlet x 1" Mipt Outlet			3-A2-8-1-6	
1-1/2" Spig Inlet x 1" Mipt Outlet		G327-208	3-A2-8-1-8	
1-1/2" Spig Inlet x 1" Mipt Outlet	5806-21108		3-A2-8-1-10	
1-1/2" Spig Inlet x 1" Mipt Outlet	5806-21110	G327-212	3-A2-8-1-12	
1-1/2" Spig Inlet x 1" Mipt Outlet	5806-21112		3-A2-8-1-14	
1-1/2" Spig Inlet x 1" Mipt Outlet	5806-21114		3-A2-8-1-16	
1-1/2" Spig Inlet x 1" Mipt Outlet	5806-21116	G327-218	3-A2-8-1-18	
1-1/2" Spig Inlet x 1-1/4" Mipt Outlet			3-A2-9-1-6	
1-1/2" Spig Inlet x 1-1/4" Mipt Outlet		G324-208	3-A2-9-1-8	
1-1/2" Spig Inlet x 1-1/4" Mipt Outlet	5806-21208		3-A2-9-1-10	
1-1/2" Spig Inlet x 1-1/4" Mipt Outlet	5806-21210	G324-212	3-A2-9-1-12	
1-1/2" Spig Inlet x 1-1/4" Mipt Outlet	5806-21212		3-A2-9-1-14	
1-1/2" Spig Inlet x 1-1/4" Mipt Outlet	5806-21214		3-A2-9-1-16	
1-1/2" Spig Inlet x 1-1/4" Mipt Outlet	5806-21216	G324-218	3-A2-9-1-18	
1" Mipt Inlet x Mipt Outlet			1-A1-3-1-6	
1" Mipt Inlet x Mipt Outlet		G132-208	1-A1-3-1-8	SJ-8-100-11
1" Mipt Inlet x Mipt Outlet	5807-01008		1-A1-3-1-10	
1" Mipt Inlet x Mipt Outlet	5807-01010	G132-212	1-A1-3-1-12	SJ-12-100-11
1" Mipt Inlet x Mipt Outlet	5807-01012		1-A1-3-1-14	
1" Mipt Inlet x Mipt Outlet	5807-01014		1-A1-3-1-16	
1" Mipt Inlet x Mipt Outlet	5807-01016	G132-218	1-A1-3-1-18	SJ-18-100-11
1-1/4" Mipt Inlet x Mipt Outlet			2-A4-3-1-6	
1-1/4" Mipt Inlet x Mipt Outlet		G232-208	2-A4-3-1-8	SJ-8-125-11
1-1/4" Mipt Inlet x Mipt Outlet	5807-01208		2-A4-3-1-10	
1-1/4" Mipt Inlet x Mipt Outlet	5807-01210	G232-212	2-A4-3-1-12	SJ-12-125-11

DESCRIPTION	SPEARS®	LASCO	DURA	RAIN BIRD
1-1/4" Mipt Inlet x Mipt Outlet	5807-01212		2-A1-3-1-14	
1-1/4" Mipt Inlet x Mipt Outlet	5807-01214		2-A1-3-1-16	
1-1/4" Mipt Inlet x Mipt Outlet	5807-01216	G232-218	2-A1-3-1-18	SJ-18-125-11
1-1/2" Mipt Inlet x Mipt Outlet			3-A1-3-1-6	
1-1/2" Mipt Inlet x Mipt Outlet		G332-208	3-A1-3-1-8	SJ-8-150-11
1-1/2" Mipt Inlet x Mipt Outlet	5807-01508		3-A1-3-1-10	
1-1/2" Mipt Inlet x Mipt Outlet	5807-01510	G332-212	3-A1-3-1-12	SJ-12-150-11
1-1/2" Mipt Inlet x Mipt Outlet	5807-01512		3-A1-3-1-14	
1-1/2" Mipt Inlet x Mipt Outlet	5807-01514		3-A1-3-1-16	
1-1/2" Mipt Inlet x Mipt Outlet	5807-01516	G332-218	3-A1-3-1-18	SJ-18-150-11
1" Mipt Inlet x 1-1/4" Mipt Outlet			1-A1-4-1-6	
1" Mipt Inlet x 1-1/4" Mipt Outlet		G134-208	1-A1-4-1-8	SJ-8-100-14
1" Mipt Inlet x 1-1/4" Mipt Outlet	5807-13208		1-A1-4-1-10	
1" Mipt Inlet x 1-1/4" Mipt Outlet	5807-13210	G134-212	1-A1-4-1-12	SJ-12-100-14
1" Mipt Inlet x 1-1/4" Mipt Outlet	5807-13212		1-A1-4-1-14	
1" Mipt Inlet x 1-1/4" Mipt Outlet	5807-13214		1-A1-4-1-16	
1" Mipt Inlet x 1-1/4" Mipt Outlet	5807-13216	G134-218	1-A1-4-1-18	SJ-18-100-14
1" Mipt Inlet x 1-1/2" Mipt Outlet			1-A1-5-1-6	
1" Mipt Inlet x 1-1/2" Mipt Outlet		G133-208	1-A1-5-1-8	
1" Mipt Inlet x 1-1/2" Mipt Outlet	5807-13308		1-A1-5-1-10	
1" Mipt Inlet x 1-1/2" Mipt Outlet	5807-13310	G133-212	1-A1-5-1-12	
1" Mipt Inlet x 1-1/2" Mipt Outlet	5807-13312		1-A1-5-1-14	
1" Mipt Inlet x 1-1/2" Mipt Outlet	5807-13314		1-A1-5-1-16	
1" Mipt Inlet x 1-1/2" Mipt Outlet	5807-13316	G133-218	1-A1-5-1-18	
1-1/4" Mipt Inlet x 1" Mipt Outlet			2-A1-7-1-6	
1-1/4" Mipt Inlet x 1" Mipt Outlet		G237-208	2-A1-7-1-8	
1-1/4" Mipt Inlet x 1" Mipt Outlet	5807-16808		2-A1-7-1-10	
1-1/4" Mipt Inlet x 1" Mipt Outlet	5807-16810	G237-212	2-A1-7-1-12	
1-1/4" Mipt Inlet x 1" Mipt Outlet	5807-16812		2-A1-7-1-14	
1-1/4" Mipt Inlet x 1" Mipt Outlet	5807-16814		2-A1-7-1-16	
1-1/4" Mipt Inlet x 1" Mipt Outlet	5807-16816	G237-218	2-A1-7-1-18	
1-1/4" Mipt Inlet x 1-1/2" Mipt Outlet			2-A1-6-1-6	
1-1/4" Mipt Inlet x 1-1/2" Mipt Outlet		G233-208	2-A1-6-1-8	SJ-8-125-14
1-1/4" Mipt Inlet x 1-1/2" Mipt Outlet	5807-16908		2-A1-6-1-10	
1-1/4" Mipt Inlet x 1-1/2" Mipt Outlet	5807-16910	G233-212	2-A1-6-1-12	SJ-12-125-14
1-1/4" Mipt Inlet x 1-1/2" Mipt Outlet	5807-16912		2-A1-6-1-14	
1-1/4" Mipt Inlet x 1-1/2" Mipt Outlet	5807-16914		2-A1-6-1-16	
1-1/4" Mipt Inlet x 1-1/2" Mipt Outlet	5807-16916	G233-218	2-A1-6-1-18	SJ-18-125-14
1-1/2" Mipt Inlet x 1" Mipt Outlet			3-A1-8-1-6	
1-1/2" Mipt Inlet x 1" Mipt Outlet		G327-208	3-A1-8-1-8	
1-1/2" Mipt Inlet x 1" Mipt Outlet	5807-21108		3-A1-8-1-10	
1-1/2" Mipt Inlet x 1" Mipt Outlet	5807-21110	G327-212	3-A1-8-1-12	
1-1/2" Mipt Inlet x 1" Mipt Outlet	5807-21112		3-A1-8-1-14	
1-1/2" Mipt Inlet x 1" Mipt Outlet	5807-21114		3-A1-8-1-16	
1-1/2" Mipt Inlet x 1" Mipt Outlet	5807-21116	G327-218	3-A1-8-1-18	

DESCRIPTION	SPEARS®	LASCO	DURA	RAIN BIRD
1-1/2" Mipt Inlet x 1-1/4" Mipt Outlet			3-A1-9-1-6	
1-1/2" Mipt Inlet x 1-1/4" Mipt Outlet		G324-208	3-A1-9-1-8	
1-1/2" Mipt Inlet x 1-1/4" Mipt Outlet	5807-21208		3-A1-9-1-10	
1-1/2" Mipt Inlet x 1-1/4" Mipt Outlet	5807-21210	G324-212	3-A1-9-1-12	
1-1/2" Mipt Inlet x 1-1/4" Mipt Outlet	5807-21212		3-A1-9-1-14	
1-1/2" Mipt Inlet x 1-1/4" Mipt Outlet	5807-21214		3-A1-9-1-16	
1-1/2" Mipt Inlet x 1-1/4" Mipt Outlet	5807-21216	G324-218	3-A1-9-1-18	
1" Ext Spig Inlet x Mipt Outlet			1-A8-3-1-6	
1" Ext Spig Inlet x Mipt Outlet		G172-208	1-A8-3-1-8	
1" Ext Spig Inlet x Mipt Outlet	5829-01008		1-A8-3-1-10	
1" Ext Spig Inlet x Mipt Outlet	5829-01010	G172-212	1-A8-3-1-12	
1" Ext Spig Inlet x Mipt Outlet	5829-01012		1-A8-3-1-14	
1" Ext Spig Inlet x Mipt Outlet	5829-01014		1-A8-3-1-16	
1" Ext Spig Inlet x Mipt Outlet	5829-01016	G172-218	1-A8-3-1-18	
1-1/4" Ext Spig Inlet x Mipt Outlet			2-A8-3-1-6	
1-1/4" Ext Spig Inlet x Mipt Outlet		G272-208	2-A8-3-1-8	
1-1/4" Ext Spig Inlet x Mipt Outlet	5829-01208		2-A8-3-1-10	
1-1/4" Ext Spig Inlet x Mipt Outlet	5829-01210	G272-212	2-A8-3-1-12	
1-1/4" Ext Spig Inlet x Mipt Outlet	5829-01212		2-A8-3-1-14	
1-1/4" Ext Spig Inlet x Mipt Outlet	5829-01214		2-A8-3-1-16	
1-1/4" Ext Spig Inlet x Mipt Outlet	5829-01216	G272-218	2-A8-3-1-18	
1-1/2" Ext Spig Inlet x Mipt Outlet			3-A8-3-1-6	
1-1/2" Ext Spig Inlet x Mipt Outlet		G372-208	3-A8-3-1-8	
1-1/2" Ext Spig Inlet x Mipt Outlet	5829-01508		3-A8-3-1-10	
1-1/2" Ext Spig Inlet x Mipt Outlet	5829-01510	G372-212	3-A8-3-1-12	
1-1/2" Ext Spig Inlet x Mipt Outlet	5829-01512		3-A8-3-1-14	
1-1/2" Ext Spig Inlet x Mipt Outlet	5829-01514		3-A8-3-1-16	
1-1/2" Ext Spig Inlet x Mipt Outlet	5829-01516	G372-218	3-A8-3-1-18	
1" Ext Spig Inlet x 1-1/4" Mipt Outlet			1-A8-4-1-6	
1" Ext Spig Inlet x 1-1/4" Mipt Outlet		G174-208	1-A8-4-1-8	
1" Ext Spig Inlet x 1-1/4" Mipt Outlet	5829-13208		1-A8-4-1-10	
1" Ext Spig Inlet x 1-1/4" Mipt Outlet	5829-13210	G174-212	1-A8-4-1-12	
1" Ext Spig Inlet x 1-1/4" Mipt Outlet	5829-13212		1-A8-4-1-14	
1" Ext Spig Inlet x 1-1/4" Mipt Outlet	5829-13214		1-A8-4-1-16	
1" Ext Spig Inlet x 1-1/4" Mipt Outlet	5829-13216	G174-218	1-A8-4-1-18	
1" Ext Spig Inlet x 1-1/2" Mipt Outlet			1-A8-5-1-6	
1" Ext Spig Inlet x 1-1/2" Mipt Outlet		G173-208	1-A8-5-1-8	
1" Ext Spig Inlet x 1-1/2" Mipt Outlet	5829-13308		1-A8-5-1-10	
1" Ext Spig Inlet x 1-1/2" Mipt Outlet	5829-13310	G173-212	1-A8-5-1-12	
1" Ext Spig Inlet x 1-1/2" Mipt Outlet	5829-13312		1-A8-5-1-14	
1" Ext Spig Inlet x 1-1/2" Mipt Outlet	5829-13314		1-A8-5-1-16	
1" Ext Spig Inlet x 1-1/2" Mipt Outlet	5829-13316	G173-218	1-A8-5-1-18	
1-1/4" Ext Spig Inlet x 1" Mipt Outlet			2-A8-7-1-6	
1-1/4" Ext Spig Inlet x 1" Mipt Outlet		G277-208	2-A8-7-1-8	
1-1/4" Ext Spig Inlet x 1" Mipt Outlet	5829-16808		2-A8-7-1-10	
1-1/4" Ext Spig Inlet x 1" Mipt Outlet	5829-16810	G277-212	2-A8-7-1-12	

DESCRIPTION	SPEARS®	LASCO	DURA	RAIN BIRD
1-1/4" Ext Spig Inlet x 1" Mipt Outlet	5829-16812		2-A8-7-1-14	
1-1/4" Ext Spig Inlet x 1" Mipt Outlet	5829-16814		2-A8-7-1-16	
1-1/4" Ext Spig Inlet x 1" Mipt Outlet	5829-16816	G277-218	2-A8-3-1-18	
1-1/4" Ext Spig Inlet x 1-1/2" Mipt Outlet			2-A8-6-1-6	
1-1/4" Ext Spig Inlet x 1-1/2" Mipt Outlet		G273-208	2-A8-6-1-8	
1-1/4" Ext Spig Inlet x 1-1/2" Mipt Outlet	5829-16908		2-A8-6-1-10	
1-1/4" Ext Spig Inlet x 1-1/2" Mipt Outlet	5829-16910	G273-212	2-A8-6-1-12	
1-1/4" Ext Spig Inlet x 1-1/2" Mipt Outlet	5829-16912		2-A8-6-1-14	
1-1/4" Ext Spig Inlet x 1-1/2" Mipt Outlet	5829-16914		2-A8-6-1-16	
1-1/4" Ext Spig Inlet x 1-1/2" Mipt Outlet	5829-16916	G273-218	2-A8-6-1-18	
1-1/2" Ext Spig Inlet x 1" Mipt Outlet			3-A8-8-1-6	
1-1/2" Ext Spig Inlet x 1" Mipt Outlet		G377-208	3-A8-8-1-8	
1-1/2" Ext Spig Inlet x 1" Mipt Outlet	5829-21108		3-A8-8-1-10	
1-1/2" Ext Spig Inlet x 1" Mipt Outlet	5829-21110	G377-212	3-A8-8-1-12	
1-1/2" Ext Spig Inlet x 1" Mipt Outlet	5829-21112		3-A8-8-1-14	
1-1/2" Ext Spig Inlet x 1" Mipt Outlet	5829-21114		3-A8-8-1-16	
1-1/2" Ext Spig Inlet x 1" Mipt Outlet	5829-21116	G377-218	3-A8-8-1-18	
1-1/2" Ext Spig Inlet x 1-1/4" Mipt Outlet			3-A8-20-1-6	
1-1/2" Ext Spig Inlet x 1-1/4" Mipt Outlet		G374-208	3-A8-20-1-8	
1-1/2" Ext Spig Inlet x 1-1/4" Mipt Outlet	5829-21208		3-A8-20-1-10	
1-1/2" Ext Spig Inlet x 1-1/4" Mipt Outlet	5829-21210	G374-212	3-A8-20-1-12	
1-1/2" Ext Spig Inlet x 1-1/4" Mipt Outlet	5829-21212		3-A8-20-1-14	
1-1/2" Ext Spig Inlet x 1-1/4" Mipt Outlet	5829-21214		3-A8-20-1-16	
1-1/2" Ext Spig Inlet x 1-1/4" Mipt Outlet	5829-21216	G374-218	3-A8-20-1-18	
2" Tee Inlet x 1" Mipt Outlet			1-A1-3-5-6	
2" Tee Inlet x 1" Mipt Outlet			1-A1-3-5-8	SJ-8-100-G1
2" Tee Inlet x 1" Mipt Outlet	5808-24908		1-A1-3-5-10	
2" Tee Inlet x 1" Mipt Outlet	5808-24910		1-A1-3-5-12	SJ-12-100-G1
2" Tee Inlet x 1" Mipt Outlet	5808-24912		1-A1-3-5-14	
2" Tee Inlet x 1" Mipt Outlet	5808-24914		1-A1-3-5-16	
2" Tee Inlet x 1" Mipt Outlet	5808-24916		1-A1-3-5-18	SJ-18-100-G1
2" Tee Inlet x 1-1/4" Mipt Outlet			2-A2-3-5-6	
2" Tee Inlet x 1-1/4" Mipt Outlet			2-A2-3-5-8	SJ-8-125-G1
2" Tee Inlet x 1-1/4" Mipt Outlet	5808-25008		2-A2-3-5-10	
2" Tee Inlet x 1-1/4" Mipt Outlet	5808-25010		2-A2-3-5-12	SJ-12-125-G1
2" Tee Inlet x 1-1/4" Mipt Outlet	5808-25012		2-A2-3-5-14	
2" Tee Inlet x 1-1/4" Mipt Outlet	5808-25014		2-A2-3-5-16	
2" Tee Inlet x 1-1/4" Mipt Outlet	5808-25016		2-A2-3-5-18	SJ-18-125-G1
2" Tee Inlet x 1-1/2" Mipt Outlet			3-A3-3-5-6	
2" Tee Inlet x 1-1/2" Mipt Outlet			3-A3-3-5-8	SJ-8-150-G1
2" Tee Inlet x 1-1/2" Mipt Outlet	5808-25108		3-A3-3-5-10	
2" Tee Inlet x 1-1/2" Mipt Outlet	5808-25110		3-A3-3-5-12	SJ-12-150-G1
2" Tee Inlet x 1-1/2" Mipt Outlet	5808-25112		3-A3-3-5-14	
2" Tee Inlet x 1-1/2" Mipt Outlet	5808-25114		3-A3-3-5-16	
2" Tee Inlet x 1-1/2" Mipt Outlet	5808-25116		3-A3-3-5-18	SJ-18-150-G1

DESCRIPTION	SPEARS®	LASCO	DURA	RAIN BIRD
1" Soc Inlet x MAT Outlet			1-A4-13-1-6	
1" Soc Inlet x MAT Outlet		G110-208	1-A4-13-1-8	SJ-8-100-63
1" Soc Inlet x MAT Outlet	5809-01008		1-A4-13-1-10	
1" Soc Inlet x MAT Outlet	5809-01010	G110-212	1-A4-13-1-12	SJ-12-100-63
1" Soc Inlet x MAT Outlet	5809-01012		1-A4-13-1-14	
1" Soc Inlet x MAT Outlet	5809-01014		1-A4-13-1-16	
1" Soc Inlet x MAT Outlet	5809-01016	G110-218	1-A4-13-1-18	SJ-18-100-63
1-1/4" Soc Inlet x MAT Outlet			2-A4-17-1-6	
1-1/4" Soc Inlet x MAT Outlet		G210-208	2-A4-17-1-8	SJ-8-125-63
1-1/4" Soc Inlet x MAT Outlet	5809-01208		2-A4-17-1-10	
1-1/4" Soc Inlet x MAT Outlet	5809-01210	G210-212	2-A4-17-1-12	SJ-12-125-63
1-1/4" Soc Inlet x MAT Outlet	5809-01212		2-A4-17-1-14	
1-1/4" Soc Inlet x MAT Outlet	5809-01214		2-A4-17-1-16	
1-1/4" Soc Inlet x MAT Outlet	5809-01216	G210-218	2-A4-17-1-18	SJ-18-125-63
1-1/2" Soc Inlet x MAT Outlet			3-A4-21-1-6	
1-1/2" Soc Inlet x MAT Outlet		G310-208	3-A4-21-1-8	SJ-8-150-63
1-1/2" Soc Inlet x MAT Outlet	5809-01508		3-A4-21-1-10	
1-1/2" Soc Inlet x MAT Outlet	5809-01510	G310-212	3-A4-21-1-12	SJ-12-150-63
1-1/2" Soc Inlet x MAT Outlet	5809-01512		3-A4-21-1-14	
1-1/2" Soc Inlet x MAT Outlet	5809-01514		3-A4-21-1-16	
1-1/2" Soc Inlet x MAT Outlet	5809-01516	G310-218	3-A4-21-1-18	SJ-18-150-63
1" Soc Inlet x 1-1/4" MAT Outlet			1-A4-14-1-6	
1" Soc Inlet x 1-1/4" MAT Outlet		G11A-208	1-A4-14-1-8	SJ-8-100-66
1" Soc Inlet x 1-1/4" MAT Outlet	5809-13208		1-A4-14-1-10	
1" Soc Inlet x 1-1/4" MAT Outlet	5809-13210	G11A-212	1-A4-14-1-12	SJ-12-100-66
1" Soc Inlet x 1-1/4" MAT Outlet	5809-13212		1-A4-14-1-14	
1" Soc Inlet x 1-1/4" MAT Outlet	5809-13214		1-A4-14-1-16	
1" Soc Inlet x 1-1/4" MAT Outlet	5809-13216	G11A-218	1-A4-14-1-18	SJ-18-100-66
1" Soc Inlet x 1-1/2" MAT Outlet			1-A4-15-1-6	
1" Soc Inlet x 1-1/2" MAT Outlet		G118-208	1-A4-15-1-8	
1" Soc Inlet x 1-1/2" MAT Outlet	5809-13308		1-A4-15-1-10	
1" Soc Inlet x 1-1/2" MAT Outlet	5809-13310	G118-212	1-A4-15-1-12	
1" Soc Inlet x 1-1/2" MAT Outlet	5809-13312		1-A4-15-1-14	
1" Soc Inlet x 1-1/2" MAT Outlet	5809-13314		1-A4-15-1-16	
1" Soc Inlet x 1-1/2" MAT Outlet	5809-13316	G118-218	1-A4-15-1-18	
1-1/4" Soc Inlet x 1" MAT Outlet			2-A4-16-1-6	
1-1/4" Soc Inlet x 1" MAT Outlet		G21C-208	2-A4-16-1-8	
1-1/4" Soc Inlet x 1" MAT Outlet	5809-16808		2-A4-16-1-10	
1-1/4" Soc Inlet x 1" MAT Outlet	5809-16810	G21C-212	2-A4-16-1-12	
1-1/4" Soc Inlet x 1" MAT Outlet	5809-16812		2-A4-16-1-14	
1-1/4" Soc Inlet x 1" MAT Outlet	5809-16814		2-A4-16-1-16	
1-1/4" Soc Inlet x 1" MAT Outlet	5809-16816	G21C-218	2-A4-16-1-18	
1-1/4" Soc Inlet x 1-1/2" MAT Outlet			2-A4-18-1-6	
1-1/4" Soc Inlet x 1-1/2" MAT Outlet		G218-208	2-A4-18-1-8	SJ-8-125-66
1-1/4" Soc Inlet x 1-1/2" MAT Outlet	5809-16908		2-A4-18-1-10	
1-1/4" Soc Inlet x 1-1/2" MAT Outlet	5809-16910	G218-212	2-A4-18-1-12	SJ-12-125-66

DESCRIPTION	SPEARS®	LASCO	DURA	RAIN BIRD
1-1/4" Soc Inlet x 1-1/2" MAT Outlet	5809-16912		2-A4-18-1-14	
1-1/4" Soc Inlet x 1-1/2" MAT Outlet	5809-16914		2-A4-18-1-16	
1-1/4" Soc Inlet x 1-1/2" MAT Outlet	5809-16916	G218-218	2-A4-18-1-18	SJ-18-125-66
1-1/2" Soc Inlet x 1" MAT Outlet				
1-1/2" Soc Inlet x 1" MAT Outlet		G31C-208		
1-1/2" Soc Inlet x 1" MAT Outlet	5809-21108			
1-1/2" Soc Inlet x 1" MAT Outlet	5809-21110	G31C-212		
1-1/2" Soc Inlet x 1" MAT Outlet	5809-21112			
1-1/2" Soc Inlet x 1" MAT Outlet	5809-21114			
1-1/2" Soc Inlet x 1" MAT Outlet	5809-21116	G31C-218		
1-1/2" Soc Inlet x 1-1/4" MAT Outlet			3-A4-20-1-6	
1-1/2" Soc Inlet x 1-1/4" MAT Outlet		G31A-208	3-A4-20-1-8	
1-1/2" Soc Inlet x 1-1/4" MAT Outlet	5809-21208		3-A4-20-1-10	
1-1/2" Soc Inlet x 1-1/4" MAT Outlet	5809-21210	G31A-212	3-A4-20-1-12	
1-1/2" Soc Inlet x 1-1/4" MAT Outlet	5809-21212		3-A4-20-1-14	
1-1/2" Soc Inlet x 1-1/4" MAT Outlet	5809-21214		3-A4-20-1-16	
1-1/2" Soc Inlet x 1-1/4" MAT Outlet	5809-21216	G31A-218	3-A4-20-1-18	
1" Spig Inlet x MAT Outlet			1-A2-13-1-6	
1" Spig Inlet x MAT Outlet		G120-208	1-A2-13-1-8	SJ-8-100-43
1" Spig Inlet x MAT Outlet	5810-01008		1-A2-13-1-10	
1" Spig Inlet x MAT Outlet	5810-01010	G120-212	1-A2-13-1-12	SJ-12-100-43
1" Spig Inlet x MAT Outlet	5810-01012		1-A2-13-1-14	
1" Spig Inlet x MAT Outlet	5810-01014		1-A2-13-1-16	
1" Spig Inlet x MAT Outlet	5810-01016	G120-218	1-A2-13-1-18	SJ-18-100-43
1-1/4" Spig Inlet x MAT Outlet			2-A2-17-1-6	
1-1/4" Spig Inlet x MAT Outlet		G220-208	2-A2-17-1-8	SJ-8-125-43
1-1/4" Spig Inlet x MAT Outlet	5810-01208		2-A2-17-1-10	
1-1/4" Spig Inlet x MAT Outlet	5810-01210	G220-212	2-A2-17-1-12	SJ-12-125-43
1-1/4" Spig Inlet x MAT Outlet	5810-01212		2-A2-17-1-14	
1-1/4" Spig Inlet x MAT Outlet	5810-01214		2-A2-17-1-16	
1-1/4" Spig Inlet x MAT Outlet	5810-01216	G220-218	2-A2-17-1-18	SJ-18-125-43
1-1/2" Spig Inlet x MAT Outlet			3-A2-21-1-6	
1-1/2" Spig Inlet x MAT Outlet		G320-208	3-A2-21-1-8	SJ-8-150-43
1-1/2" Spig Inlet x MAT Outlet	5810-01508		3-A2-21-1-10	
1-1/2" Spig Inlet x MAT Outlet	5810-01510	G320-212	3-A2-21-1-12	SJ-12-150-43
1-1/2" Spig Inlet x MAT Outlet	5810-01512		3-A2-21-1-14	
1-1/2" Spig Inlet x MAT Outlet	5810-01514		3-A2-21-1-16	
1-1/2" Spig Inlet x MAT Outlet	5810-01516	G320-218	3-A2-21-1-18	SJ-18-150-43
1" Spig Inlet x 1-1/4" MAT Outlet			1-A2-14-1-6	
1" Spig Inlet x 1-1/4" MAT Outlet		G12A-208	1-A2-14-1-8	SJ-8-100-46
1" Spig Inlet x 1-1/4" MAT Outlet	5810-13208		1-A2-14-1-10	
1" Spig Inlet x 1-1/4" MAT Outlet	5810-13210	G12A-212	1-A2-14-1-12	SJ-12-100-46
1" Spig Inlet x 1-1/4" MAT Outlet	5810-13212		1-A2-14-1-14	
1" Spig Inlet x 1-1/4" MAT Outlet	5810-13214		1-A2-14-1-16	
1" Spig Inlet x 1-1/4" MAT Outlet	5810-13216	G12A-218	1-A2-14-1-18	SJ-18-100-46

DESCRIPTION	SPEARS®	LASCO	DURA	RAIN BIRD
1" Spig Inlet x 1-1/2" MAT Outlet			1-A2-15-1-6	
1" Spig Inlet x 1-1/2" MAT Outlet		G128-208	1-A2-15-1-8	
1" Spig Inlet x 1-1/2" MAT Outlet	5810-13308		1-A2-15-1-10	
1" Spig Inlet x 1-1/2" MAT Outlet	5810-13310	G128-212	1-A2-15-1-12	
1" Spig Inlet x 1-1/2" MAT Outlet	5810-13312		1-A2-15-1-14	
1" Spig Inlet x 1-1/2" MAT Outlet	5810-13314		1-A2-15-1-16	
1" Spig Inlet x 1-1/2" MAT Outlet	5810-13316	G128-218	1-A2-15-1-18	
1-1/4" Spig Inlet x 1" MAT Outlet				
1-1/4" Spig Inlet x 1" MAT Outlet		G22C-208		
1-1/4" Spig Inlet x 1" MAT Outlet	5810-16808			
1-1/4" Spig Inlet x 1" MAT Outlet	5810-16810	G22C-212	2-A8-16-1-12	
1-1/4" Spig Inlet x 1" MAT Outlet	5810-16812			
1-1/4" Spig Inlet x 1" MAT Outlet	5810-16814			
1-1/4" Spig Inlet x 1" MAT Outlet	5810-16816	G22C-218		
1-1/4" Spig Inlet x 1-1/2" MAT Outlet			2-A2-18-1-6	
1-1/4" Spig Inlet x 1-1/2" MAT Outlet		G228-208	2-A2-18-1-8	SJ-8-125-46
1-1/4" Spig Inlet x 1-1/2" MAT Outlet	5810-16908		2-A2-18-1-10	
1-1/4" Spig Inlet x 1-1/2" MAT Outlet	5810-16910	G228-212	2-A2-18-1-12	SJ-12-125-46
1-1/4" Spig Inlet x 1-1/2" MAT Outlet	5810-16912		2-A2-18-1-14	
1-1/4" Spig Inlet x 1-1/2" MAT Outlet	5810-16914		2-A2-18-1-16	
1-1/4" Spig Inlet x 1-1/2" MAT Outlet	5810-16916	G228-218	2-A2-18-1-18	SJ-18-125-46
1-1/2" Spig Inlet x 1" MAT Outlet				
1-1/2" Spig Inlet x 1" MAT Outlet		G32C-208		
1-1/2" Spig Inlet x 1" MAT Outlet	5810-21108			
1-1/2" Spig Inlet x 1" MAT Outlet	5810-21110	G32C-212		
1-1/2" Spig Inlet x 1" MAT Outlet	5810-21112			
1-1/2" Spig Inlet x 1" MAT Outlet	5810-21114			
1-1/2" Spig Inlet x 1" MAT Outlet	5810-21116	G32C-218		
1-1/2" Spig Inlet x 1-1/4" MAT Outlet			3-A2-20-1-6	
1-1/2" Spig Inlet x 1-1/4" MAT Outlet		G32A-208	3-A2-20-1-8	
1-1/2" Spig Inlet x 1-1/4" MAT Outlet	5810-21208		3-A2-20-1-10	
1-1/2" Spig Inlet x 1-1/4" MAT Outlet	5810-21210	G32A-212	3-A2-20-1-12	
1-1/2" Spig Inlet x 1-1/4" MAT Outlet	5810-21212		3-A2-20-1-14	
1-1/2" Spig Inlet x 1-1/4" MAT Outlet	5810-21214		3-A2-20-1-16	
1-1/2" Spig Inlet x 1-1/4" MAT Outlet	5810-21216	G32A-218	3-A2-20-1-18	
1" Mipt Inlet x MAT Outlet			1-A1-13-1-6	
1" Mipt Inlet x MAT Outlet		G130-208	1-A1-13-1-8	SJ-8-100-13
1" Mipt Inlet x MAT Outlet	5811-01008		1-A1-13-1-10	
1" Mipt Inlet x MAT Outlet	5811-01010	G130-212	1-A1-13-1-12	SJ-12-100-13
1" Mipt Inlet x MAT Outlet	5811-01012		1-A1-13-1-14	
1" Mipt Inlet x MAT Outlet	5811-01014		1-A1-13-1-16	
1" Mipt Inlet x MAT Outlet	5811-01016	G130-218	1-A1-13-1-18	SJ-18-100-13
1-1/4" Mipt Inlet x MAT Outlet			2-A1-17-1-6	
1-1/4" Mipt Inlet x MAT Outlet		G230-208	2-A1-17-1-8	SJ-8-125-13
1-1/4" Mipt Inlet x MAT Outlet	5811-01208		2-A1-17-1-10	
1-1/4" Mipt Inlet x MAT Outlet	5811-01210	G230-212	2-A1-17-1-12	SJ-12-125-13

DESCRIPTION	SPEARS®	LASCO	DURA	RAIN BIRD
1-1/4" Mipt Inlet x MAT Outlet	5811-01212		2-A1-17-1-14	
1-1/4" Mipt Inlet x MAT Outlet	5811-01214		2-A1-17-1-16	
1-1/4" Mipt Inlet x MAT Outlet	5811-01216	G230-218	2-A1-17-1-18	SJ-18-125-13
1-1/2" Mipt Inlet x MAT Outlet			3-A1-21-1-6	
1-1/2" Mipt Inlet x MAT Outlet		G330-208	3-A1-21-1-8	SJ-8-150-13
1-1/2" Mipt Inlet x MAT Outlet	5811-01508		3-A1-21-1-10	
1-1/2" Mipt Inlet x MAT Outlet	5811-01510	G330-212	3-A1-21-1-12	SJ-12-150-13
1-1/2" Mipt Inlet x MAT Outlet	5811-01512		3-A1-21-1-14	
1-1/2" Mipt Inlet x MAT Outlet	5811-01514		3-A1-21-1-16	
1-1/2" Mipt Inlet x MAT Outlet	5811-01516	G330-218	3-A1-21-1-18	SJ-18-150-13
1" Mipt Inlet x 1-1/4" MAT Outlet			1-A1-14-1-6	
1" Mipt Inlet x 1-1/4" MAT Outlet		G13A-208	1-A1-14-1-8	SJ-8-100-16
1" Mipt Inlet x 1-1/4" MAT Outlet	5811-13208		1-A1-14-1-10	
1" Mipt Inlet x 1-1/4" MAT Outlet	5811-13210	G13A-212	1-A1-14-1-12	SJ-12-100-16
1" Mipt Inlet x 1-1/4" MAT Outlet	5811-13212		1-A1-14-1-14	
1" Mipt Inlet x 1-1/4" MAT Outlet	5811-13214		1-A1-14-1-16	
1" Mipt Inlet x 1-1/4" MAT Outlet	5811-13216	G13A-218	1-A1-14-1-18	SJ-18-100-16
1" Mipt Inlet x 1-1/2" MAT Outlet			1-A1-15-1-6	
1" Mipt Inlet x 1-1/2" MAT Outlet		G138-208	1-A1-15-1-8	
1" Mipt Inlet x 1-1/2" MAT Outlet	5811-13308		1-A1-15-1-10	
1" Mipt Inlet x 1-1/2" MAT Outlet	5811-13310	G138-212	1-A1-15-1-12	
1" Mipt Inlet x 1-1/2" MAT Outlet	5811-13312		1-A1-15-1-14	
1" Mipt Inlet x 1-1/2" MAT Outlet	5811-13314		1-A1-15-1-16	
1" Mipt Inlet x 1-1/2" MAT Outlet	5811-13316	G138-218	1-A1-15-1-18	
1-1/4" Mipt Inlet x 1" MAT Outlet			1-A1-16-1-6	
1-1/4" Mipt Inlet x 1" MAT Outlet		G23C-208	1-A1-16-1-8	
1-1/4" Mipt Inlet x 1" MAT Outlet	5811-16808		1-A1-16-1-10	
1-1/4" Mipt Inlet x 1" MAT Outlet	5811-16810	G23C-212	1-A1-16-1-12	
1-1/4" Mipt Inlet x 1" MAT Outlet	5811-16812		1-A1-16-1-14	
1-1/4" Mipt Inlet x 1" MAT Outlet	5811-16814		1-A1-16-1-16	
1-1/4" Mipt Inlet x 1" MAT Outlet	5811-16816	G23C-218	1-A1-16-1-18	
1-1/4" Mipt Inlet x 1-1/2" MAT Outlet			2-A1-18-1-6	
1-1/4" Mipt Inlet x 1-1/2" MAT Outlet		G238-208	2-A1-18-1-8	SJ-8-125-16
1-1/4" Mipt Inlet x 1-1/2" MAT Outlet	5811-16908		2-A1-18-1-10	
1-1/4" Mipt Inlet x 1-1/2" MAT Outlet	5811-16910	G238-212	2-A1-18-1-12	SJ-12-125-16
1-1/4" Mipt Inlet x 1-1/2" MAT Outlet	5811-16912		2-A1-18-1-14	
1-1/4" Mipt Inlet x 1-1/2" MAT Outlet	5811-16914		2-A1-18-1-16	
1-1/4" Mipt Inlet x 1-1/2" MAT Outlet	5811-16916	G238-218	2-A1-18-1-18	SJ-18-125-16
1-1/2" Mipt Inlet x 1" MAT Outlet				
1-1/2" Mipt Inlet x 1" MAT Outlet		G33C-208		
1-1/2" Mipt Inlet x 1" MAT Outlet	5811-21108		3-A1-19-1-12	
1-1/2" Mipt Inlet x 1" MAT Outlet	5811-21110	G33C-212		
1-1/2" Mipt Inlet x 1" MAT Outlet	5811-21112		3-A1-19-1-14	
1-1/2" Mipt Inlet x 1" MAT Outlet	5811-21114			
1-1/2" Mipt Inlet x 1" MAT Outlet	5811-21116	G33C-218		

DESCRIPTION	SPEARS®	LASCO	DURA	RAIN BIRD
1-1/2" Mipt Inlet x 1-1/4" MAT Outlet			3-A1-20-1-6	
1-1/2" Mipt Inlet x 1-1/4" MAT Outlet		G338-208	3-A1-20-1-8	
1-1/2" Mipt Inlet x 1-1/4" MAT Outlet	5811-21208		3-A1-20-1-10	
1-1/2" Mipt Inlet x 1-1/4" MAT Outlet	5811-21210	G338-212	3-A1-20-1-12	
1-1/2" Mipt Inlet x 1-1/4" MAT Outlet	5811-21212		3-A1-20-1-14	
1-1/2" Mipt Inlet x 1-1/4" MAT Outlet	5811-21214		3-A1-20-1-16	
1-1/2" Mipt Inlet x 1-1/4" MAT Outlet	5811-21216	G338-218	3-A1-20-1-18	
1" Soc Inlet x Metal Fipt Outlet			1-A4-1-11-6	
1" Soc Inlet x Metal Fipt Outlet		G11S-208	1-A4-1-11-8	
1" Soc Inlet x Metal Fipt Outlet	5813-01008		1-A4-1-11-10	
1" Soc Inlet x Metal Fipt Outlet	5813-01010	G11S-212	1-A4-1-11-12	
1" Soc Inlet x Metal Fipt Outlet	5813-01012		1-A4-1-11-14	
1" Soc Inlet x Metal Fipt Outlet	5813-01014		1-A4-1-11-16	
1" Soc Inlet x Metal Fipt Outlet	5813-01016	G11S-218	1-A4-1-11-18	
1" Spig Inlet x Metal Fipt Outlet			1-A2-1-11-6	
1" Spig Inlet x Metal Fipt Outlet			1-A2-1-11-8	
1" Spig Inlet x Metal Fipt Outlet	5814-01008		1-A2-1-11-10	
1" Spig Inlet x Metal Fipt Outlet	5814-01010		1-A2-1-11-12	
1" Spig Inlet x Metal Fipt Outlet	5814-01012		1-A2-1-11-14	
1" Spig Inlet x Metal Fipt Outlet	5814-01014		1-A2-1-11-16	
1" Spig Inlet x Metal Fipt Outlet	5814-01016		1-A2-1-11-18	
1" Mipt Inlet x Metal Fipt Outlet			1-A1-1-11-6	
1" Mipt Inlet x Metal Fipt Outlet			1-A1-1-11-8	
1" Mipt Inlet x Metal Fipt Outlet	5815-01008		1-A1-1-11-10	
1" Mipt Inlet x Metal Fipt Outlet	5815-01010		1-A1-1-11-12	
1" Mipt Inlet x Metal Fipt Outlet	5815-01012		1-A1-1-11-14	
1" Mipt Inlet x Metal Fipt Outlet	5815-01014		1-A1-1-11-16	
1" Mipt Inlet x Metal Fipt Outlet	5815-01016		1-A1-1-11-18	
1" Matt Inlet x Mat Outlet	5822-01008			
1" Matt Inlet x Mat Outlet	5822-01010			
1" Matt Inlet x Mat Outlet	5822-01012		1-13-13-1-12	
1" Matt Inlet x Mat Outlet	5822-01016			
1" Matt Inlet x Mat Outlet	5822-01018		1-13-13-1-18	
1" Matt Inlet x Mat Outlet	5822-01024			

• Spears® also carries Metal reinforced outlet elbows in 1-¼" and 1-½", as well as Steel Reinforced outlet elbows in 1", 1-¼" and 1-½".

* Lasco Brass Threaded Outlet Elbows are molded with "Stabilizer" retaining lugs.

"Lay Length" measurements are determined from the same points of the assemblies. Lasco, Rain Bird and Dura "Lay Length" is measured from the points determined as the Spears® "Centerline to Centerline." Due to differences in product engineering, it is difficult to arrive at an 'exact' equivalent. This cross-reference represents the most commonly accepted 'equals'.

Triple Top-Out (Lasco, Rain Bird), Ultra (Dura), or Multi-Ell (Spears®) Swing Joint Riser Assemblies are available. It should be noted that the Spears® Buttress style thread nipple provides an extra plane of rotation that is not available in the standard Lasco Unitized, Dura 'Unibody', or Rain Bird type of swing joint.

Spears® Manufacturing Company believes this information to be accurate at the time of printing. Verification of the above information is recommended.

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