



EverTUFF® TURF™

SWING JOINT RISER SPECIALTY OUTLETS

Male ACME Thread 90° Street EII Outlet with O-ring

SJ-2B-0920



Designed for use with female acme thread O-ring seal style rotors. Provides faster installation and positive O-ring seal. Reduces the risk of over tightening and eliminates the need for thread sealants. Available as an individual component.

| Size | Part Number |
|-------------|-------------|
| 1" | 591-010-7AR |
| 1-1/4" | 591-012-7AR |
| 1-1/2" | 591-015-7AR |
| 1" x 1-1/4" | 591-132-7AR |

May also be purchased as part of Swing Joint Riser Assembly. Male Buttress Thread Riser Nipple Style is available with 8" through 24" Risers. Solvent Cemented Riser Nipple Style Kit is available without riser nipple or with choice of 6" through 24" nipple lengths. Both styles are available with choice of Socket, Spigot, Socket Tee, Male Iron Pipe Thread, BSP Thread, DIN Spigot or JIS Spigot Inlets.

Special Reinforced Female 90° EII Outlet



Designed for use where over tightening of threads is a problem. This unique precompression design compensates for expansion forces generated from tapered pipe thread joint make-up. Radial stress is reduced in normal installations and contained in severe over tightening situations. Available as an individual component.

| Size | Part Number |
|--------|--------------|
| 1" | 591-010-8SRA |
| 1-1/4" | 591-012-8SRA |
| 1-1/2" | 591-015-8SRA |

May also be purchased as part of Swing Joint Riser Assembly. Male Buttress Thread Riser Nipple Style is available with 8" through 24" Risers. Solvent Cemented Riser Nipple Style Kit is available without riser nipple or with choice of 6" through 24" nipple lengths. Both styles are available with choice of Socket, Spigot, Socket Tee, Male Iron Pipe Thread, BSP Thread, DIN Spigot or JIS Spigot Inlets.

Metal Female Thread 90° EII Outlet



Designed for use with quick coupler valves. Spears® patented threaded Metal Insert is molded-in-place as an integral part of each fitting for superior strength. Secondary O-ring seal compensates for expansion and contraction variations between materials. Available as an individual component.

| Size | Part Number |
|--------|--------------|
| 1" | 591-010-8BRA |
| 1-1/4" | 591-012-8BRA |
| 1-1/2" | 591-015-8BRA |

May also be purchased as part of Swing Joint Riser Assembly. Male Buttress Thread Riser Nipple Style is available with 8" through 24" Risers. Solvent Cemented Riser Nipple Style Kit is available without riser nipple or with choice of 6" through 24" nipple lengths. Both styles are available with choice of Socket, Spigot, Socket Tee, Male Iron Pipe Thread, BSP Thread, DIN Spigot or JIS Spigot Inlets.



Assessed to ISO 9001: 2015
Certificate number 293



Many Configurations may be created and furnished by using the following Swing Joint Riser Numbering System.

X X | X X - X X X | X X

| Code | Swing Arm Riser Style |
|------|------------------------------------|
| 58 | Male Buttress Threaded Riser Style |
| 59 | Cut & Solvent Cemented Riser Style |

| Code | Inlet x Outlet Style Combination |
|------|----------------------------------|
| 01 | Soc x Soc |
| 02 | Spig x Soc |
| 03 | Mipt x Soc |
| 04 | Tee x Soc |
| 05 | Soc x Mipt |
| 06 | Spig x Mipt |
| 07 | Mipt x Mipt |
| 08 | Tee x Mipt |
| 09 | Soc x Mat |
| 10 | Spig x Mat |
| 11 | Mipt x Mat |
| 12 | Tee x Mat |
| 13 | Soc x Fipt |
| 14 | Spig x Fipt |
| 15 | Mipt x Fipt |
| 16 | Tee x Fipt |
| 17 | Soc x SR Fipt |
| 18 | Spig x SR Fipt |
| 19 | Mipt x SR Fipt |
| 20 | Tee x SR Fipt |
| 21† | Gmpt 2-1/2" Npl x Mat |
| 22 | Mat x Mat |
| 23 | Mat x Mpt |
| 24 | Mat x Fipt |
| 25 | Mat x SR Fipt |
| 26 | Spig x Fbt |
| 27 | Spig x Fat |
| 28 | Extended Spig x Fipt |
| 29 | Extended Spig x Mipt |
| 30 | Open |
| 31† | Mipt x Gmpt 2-1/2" Npl |
| 32† | Gmpt 2-1/2" Npl x Fipt |
| 33† | Gmpt 2-1/2" Npl x Soc |
| 34† | Gmpt 2-1/2" Npl x SR Fipt |
| 35† | Soc x Gmpt 2-1/2" Npl |
| 36† | Spig x Gmpt 2-1/2" Npl |
| 37† | Gmpt x Gmpt 2-1/2" Npl |
| 38† | Tee x Gmpt 2-1/2" Npl |
| 39† | Gmpt 2-1/2" Npl x Mipt |
| 40† | Open |
| 41† | Mipt x Gmpt 3" Npl |
| 42† | Gmpt 3" Npl x Fipt |
| 43† | Gmpt 3" Npl x Soc |
| 44† | Gmpt 3" Npl x SR Fipt |
| 45† | Soc x Gmpt 3" Npl |
| 46† | Spig x Gmpt 3" Npl |
| 47† | Gmpt x Gmpt 3" Npl |
| 48† | Tee x Gmpt 3" Npl |
| 49† | Gmpt 3" Npl x Mipt |
| 50† | Gmpt 3" Npl x Mat |

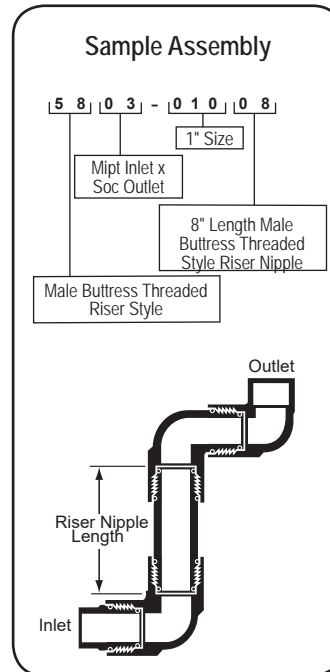
| Code | Inlet x Outlet Style Combination |
|------|-------------------------------------|
| 51‡ | Soc x Soc Multi-Ell |
| 52‡ | Spig x Soc Multi-Ell |
| 53‡ | Mipt x Soc Multi-Ell |
| 54‡ | Tee x Soc Multi-Ell |
| 55‡ | Soc x Mipt Multi-Ell |
| 56‡ | Spig x Mipt Multi-Ell |
| 57‡ | Mipt x Mipt Multi-Ell |
| 58‡ | Tee x Mipt Multi-Ell |
| 59‡ | Soc x Mat Multi-Ell |
| 60‡ | Spig x Mat Multi-Ell |
| 61‡ | Mipt x Mat Multi-Ell |
| 62‡ | Tee x Mat Multi-Ell |
| 63‡ | Soc x Fipt Multi-Ell |
| 64‡ | Spig x Fipt Multi-Ell |
| 65‡ | Mipt x Fipt Multi-Ell |
| 66‡ | Tee x Fipt Multi-Ell |
| 67‡ | Soc x SR Fipt Multi-Ell |
| 68‡ | Spig x SR Fipt Multi-Ell |
| 69‡ | Mipt x SR Fipt Multi-Ell |
| 70‡ | Tee x SR Fipt Multi-Ell |
| 71†‡ | Soc x Gmpt 2-1/2" Npl Multi-Ell |
| 72†‡ | Spig x Gmpt 2-1/2" Npl Multi-Ell |
| 73†‡ | Mipt x Gmpt 2-1/2" Npl Multi-Ell |
| 74†‡ | Tee x Gmpt 2-1/2" Npl Multi-Ell |
| 75†‡ | Soc x Gmpt 3" Npl Multi-Ell |
| 76†‡ | Spig x Gmpt 3" Npl Multi-Ell |
| 77†‡ | Mipt x Gmpt 3" Npl Multi-Ell |
| 78†‡ | Tee x Gmpt 3" Npl Multi-Ell |
| 79†‡ | Gmpt 3" Npl x Mipt Multi-Ell |
| 80†‡ | Gmpt 3" Npl x Soc Multi-Ell |
| 81†‡ | Gmpt 3" Npl x Gmpt 3" Npl Multi-Ell |
| 82‡ | Mat x Mat Multi-Ell |
| 83 | Mipt x Mat Top Mount |
| 84 | Open |
| 85 | Open |
| 86 | Open |
| 87 | Open |
| 88 | Bsp x Bsp Multi-Ell |
| 89 | Bsp x Bsp Top Mount |
| 90 | Bsp x Mat |
| 91 | Bsp x Mipt |
| 92 | Mipt x Bsp |
| 93 | Bsp x Bsp |
| 94 | Astm Soc x Bsp |
| 95 | Astm Spig x Bsp |
| 96 | Din Spig x Bsp |
| 97 | Din Spig x Mipt |
| 98 | Jis Spig x Jis Mipt |
| 99 | Jis Spig x Mipt |

| Code | Size |
|------|-------------------|
| 010 | 1" |
| 132 | 1" x 1-1/4" |
| 133 | 1" x 1-1/2" |
| 012 | 1-1/4" |
| 015 | 1-1/2" |
| 168 | 1-1/4" x 1" |
| 169 | 1-1/4" x 1-1/2" |
| 211 | 1-1/2" x 1" |
| 212 | 1-1/2" x 1-1/4" |
| 249 | 2" x 1" (Tee) |
| 250 | 2" x 1-1/4" (Tee) |
| 251 | 2" x 1-1/2" (Tee) |

* Buttress Threaded Riser Lengths may be extended with the use of Riser Extension Couplings.

** Additional Nipple lengths are available. Please contact your servicing Spears® Regional Distribution Center.

| Riser Nipple Length | |
|--|-------------|
| Code | Size |
| 5800 Series™ Male Buttress Threaded Style | |
| 08 | 8" |
| 10 | 10" |
| 12 | 12" |
| 14 | 14" |
| 16 | 16" |
| 18 | 18" |
| 20 | 20" |
| 24 | 24" |
| 5900 Series™ Cut & Solvent Cemented Style | |
| 00 | (No Nipple) |
| 06 | 6" |
| 07 | 7" |
| 08 | 8" |
| 10 | 10" |
| 11 | 11" |
| 12 | 12" |
| 13 | 13" |
| 14 | 14" |
| 15 | 15" |
| 16 | 16" |
| 17 | 17" |
| 18 | 18" |
| 19 | 19" |
| 20 | 20" |
| 21 | 21" |
| 22 | 22" |
| 23 | 23" |
| 24 | 24" |



† Gmpt - A 2-1/2" Toe Nipple is solvent cemented in place. If a 3" Nipple is required, change the first digit from a "3" to a "4".

EXAMPLE:

38 = Tee x 2-1/2" Gmpt

48 = Tee x 3" Gmpt

‡ Multi-Ell - Two additional Elbows are located at the outlet of the Swing Joint Riser to allow 360° adjustment.



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