

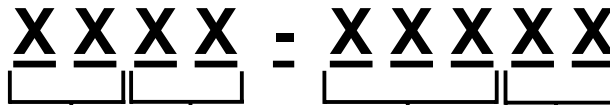
SWING JOINT RISER ASSEMBLIES



Quality Systems Certificate No. 293
Corporate Facilities, Sylmar, CA
Assessed to ISO 9001

PRICE SCHEDULE SJ-1-0501
Effective May 26, 2001
Supersedes SJ-1-0200

Many configurations may be created and furnished by using the following Swing Joint Riser Numbering System:

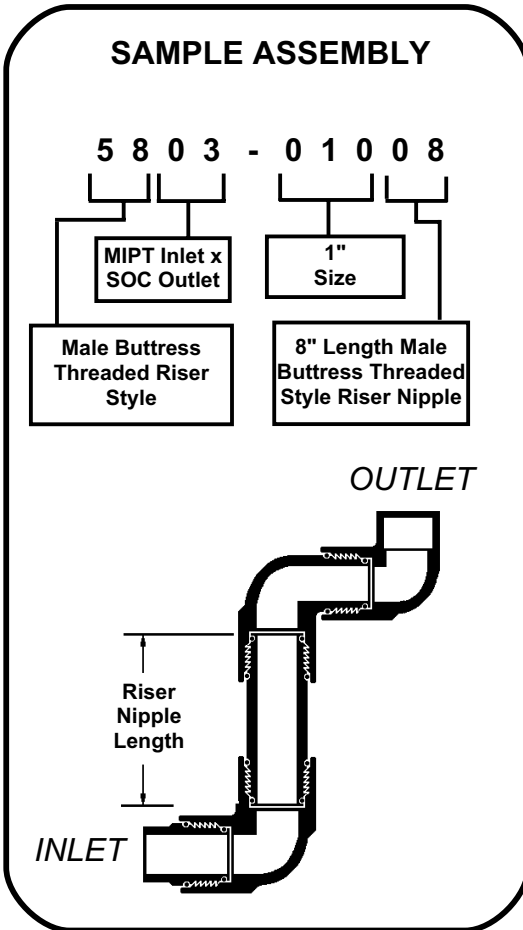


| CODE | SWING ARM RISER STYLE |
|------|------------------------------------|
| 58 | Male Buttress Threaded Riser Style |
| 59 | Cut & Solvent Cemented Riser Style |

| 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) |

| RISER NIPPLE LENGTH | |
|---|-------------|
| CODE | SIZE |
| 5800 SERIES* MALE BUTTRESS THREADED STYLE | |
| 08 | 8" |
| 10 | 10" |
| 12 | 12" |
| 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" |

| 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 BR FIPT |
| 14 | SPIG x BR FIPT |
| 15 | MIPT x BR FIPT |
| 16 | SOC TEE x BR FIPT |
| 17 | SOC x SR FIPT |
| 18 | SPIG x SR FIPT |
| 19 | MIPT x SR FIPT |
| 20 | SOC TEE x SR FIPT |
| 31† | MIPT x GMPT |
| 33† | GMPT x SOC |
| 35† | SOC x GMPT |
| 36† | SPIG x GMPT |
| 37† | GMPT x GMPT |
| 38† | TEE x GMPT |
| 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 |
| 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 MPT |
| 99 | JIS SPIG x MIPT |



† **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.

* Buttress Threaded Riser Lengths may be extended with the use of Riser Extension Couplings. (See page 12)

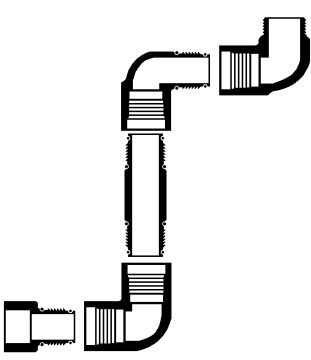
** Additional Nipple lengths are available. Please contact your servicing Spears Regional Distribution Center.

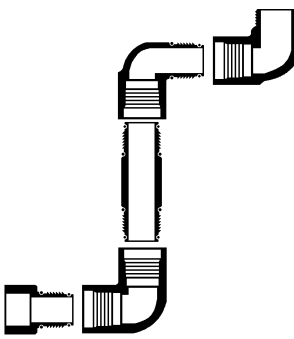
SWING JOINT RISER ASSEMBLIES



Most Common Configurations:

Male Buttress Thread Riser Nipple Style

| SOC Inlet x MIPT Outlet | Size | Part Number | Nipple Length | Std Pk | Pallet Quantity | Disc Code | List Price Each |
|---|-----------------|-------------|---------------|--------|-----------------|-----------|-----------------|
|  | 1" | 5805-01008 | 8 | 25 | 400 | 030 | 30.11 |
| | | 5805-01010 | 10 | 25 | 400 | 030 | 31.73 |
| | | 5805-01012 | 12 | 25 | 400 | 030 | 33.46 |
| | 1-1/4" | 5805-01208 | 8 | 20 | 320 | 030 | 40.00 |
| | | 5805-01210 | 10 | 20 | 320 | 030 | 42.11 |
| | | 5805-01212 | 12 | 20 | 320 | 030 | 44.32 |
| | 1-1/4" x 1" | 5805-16808 | 8 | 20 | 320 | 030 | 40.00 |
| | | 5805-16810 | 10 | 20 | 320 | 030 | 42.11 |
| | | 5805-16812 | 12 | 20 | 320 | 030 | 44.32 |
| | 1-1/4" x 1-1/2" | 5805-16908 | 8 | 20 | 320 | 030 | 40.00 |
| | | 5805-16910 | 10 | 20 | 320 | 030 | 42.11 |
| | | 5805-16912 | 12 | 20 | 320 | 030 | 44.32 |
| | 1-1/2" | 5805-01508 | 8 | 15 | 320 | 030 | 48.72 |
| | | 5805-01510 | 10 | 15 | 240 | 030 | 51.19 |
| | | 5805-01512 | 12 | 15 | 240 | 030 | 53.86 |

| SOC Inlet x MAT Outlet | Size | Part Number | Nipple Length | Std Pk | Pallet Quantity | Disc Code | List Price Each |
|---|--------|-------------|---------------|--------|-----------------|-----------|-----------------|
|  | 1" | 5809-01008 | 8 | 25 | 400 | 030 | 30.11 |
| | | 5809-01010 | 10 | 25 | 400 | 030 | 31.73 |
| | | 5809-01012 | 12 | 25 | 400 | 030 | 33.46 |
| | 1-1/4" | 5809-01208 | 8 | 20 | 320 | 030 | 40.00 |
| | | 5809-01210 | 10 | 20 | 320 | 030 | 42.11 |
| | | 5809-01212 | 12 | 20 | 320 | 030 | 44.32 |
| | 1-1/2" | 5809-01508 | 8 | 15 | 240 | 030 | 48.72 |
| | | 5809-01510 | 10 | 15 | 240 | 030 | 51.19 |
| | | 5809-01512 | 12 | 15 | 240 | 030 | 53.86 |

Prices subject to change without notice. Possession of this price schedule shall not be construed as an offer to sell the products listed. Product drawings are representative and may not fully reflect product configurations.



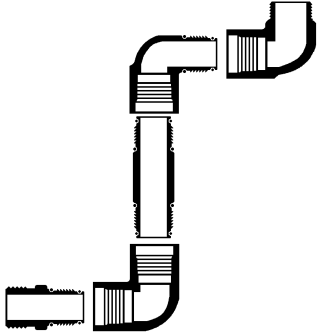
SWING JOINT RISER ASSEMBLIES

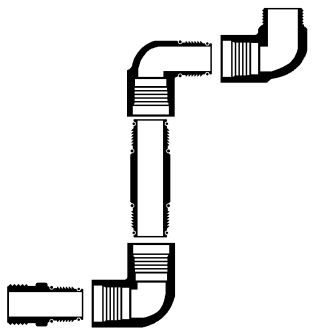
| SPIG Inlet x MIPT Outlet | Size | Part Number | Nipple Length | Std Pk | Pallet Quantity | Disc Code | List Price Each |
|--------------------------|-----------------|-------------|---------------|--------|-----------------|-----------|-----------------|
| | 1" | 5806-01008 | 8 | 25 | 400 | 030 | 30.11 |
| | | 5806-01010 | 10 | 25 | 400 | 030 | 31.73 |
| | | 5806-01012 | 12 | 25 | 400 | 030 | 33.46 |
| | 1-1/4" | 5806-01208 | 8 | 20 | 320 | 030 | 40.00 |
| | | 5806-01210 | 10 | 20 | 320 | 030 | 42.11 |
| | | 5806-01212 | 12 | 20 | 320 | 030 | 44.32 |
| | 1-1/4" x 1" | 5806-16808 | 8 | 20 | 320 | 030 | 40.00 |
| | | 5806-16810 | 10 | 20 | 320 | 030 | 42.11 |
| | | 5806-16812 | 12 | 20 | 320 | 030 | 44.32 |
| | 1-1/4" x 1-1/2" | 5806-16908 | 8 | 20 | 320 | 030 | 40.00 |
| | | 5806-16910 | 10 | 20 | 320 | 030 | 42.11 |
| | | 5806-16912 | 12 | 20 | 320 | 030 | 44.32 |
| | 1-1/2" | 5806-01508 | 8 | 15 | 320 | 030 | 48.72 |
| | | 5806-01510 | 10 | 15 | 240 | 030 | 51.19 |
| | | 5806-01512 | 12 | 15 | 240 | 030 | 53.86 |

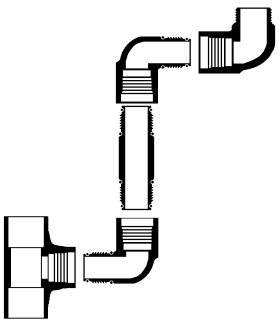
| SPIG Inlet x MAT Outlet | Size | Part Number | Nipple Length | Std Pk | Pallet Quantity | Disc Code | List Price Each |
|-------------------------|--------|-------------|---------------|--------|-----------------|-----------|-----------------|
| | 1" | 5810-01008 | 8 | 25 | 400 | 030 | 30.11 |
| | | 5810-01010 | 10 | 25 | 400 | 030 | 31.73 |
| | | 5810-01012 | 12 | 25 | 400 | 030 | 33.46 |
| | 1-1/4" | 5810-01208 | 8 | 20 | 320 | 030 | 40.00 |
| | | 5810-01210 | 10 | 20 | 320 | 030 | 42.11 |
| | | 5810-01212 | 12 | 20 | 320 | 030 | 44.32 |
| | 1-1/2" | 5810-01508 | 8 | 15 | 240 | 030 | 48.72 |
| | | 5810-01510 | 10 | 15 | 240 | 030 | 51.19 |
| | | 5810-01512 | 12 | 15 | 240 | 030 | 53.86 |

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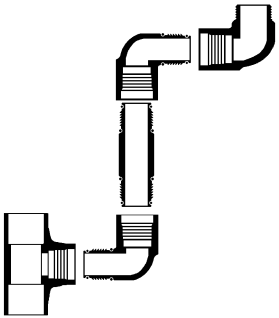
| MIPT Inlet x MIPT Outlet | Size | Part Number | Nipple Length | Std Pk | Pallet Quantity | Disc Code | List Price Each |
|---|-----------------|-------------|---------------|--------|-----------------|-----------|-----------------|
|  | 1" | 5807-01008 | 8 | 25 | 400 | 030 | 30.11 |
| | | 5807-01010 | 10 | 25 | 400 | 030 | 31.73 |
| | | 5807-01012 | 12 | 25 | 400 | 030 | 33.46 |
| | 1-1/4" | 5807-01208 | 8 | 20 | 320 | 030 | 40.00 |
| | | 5807-01210 | 10 | 20 | 320 | 030 | 42.11 |
| | | 5807-01212 | 12 | 20 | 320 | 030 | 44.32 |
| | 1-1/4" x 1" | 5807-16808 | 8 | 20 | 320 | 030 | 40.00 |
| | | 5807-16810 | 10 | 20 | 320 | 030 | 42.11 |
| | | 5807-16812 | 12 | 20 | 320 | 030 | 44.32 |
| | 1-1/4" x 1-1/2" | 5807-16908 | 8 | 20 | 320 | 030 | 40.00 |
| | | 5807-16910 | 10 | 20 | 320 | 030 | 42.11 |
| | | 5807-16912 | 12 | 20 | 320 | 030 | 44.32 |
| | 1-1/2" | 5807-01508 | 8 | 15 | 240 | 030 | 48.72 |
| | | 5807-01510 | 10 | 15 | 240 | 030 | 51.19 |
| | | 5807-01512 | 12 | 15 | 240 | 030 | 53.86 |

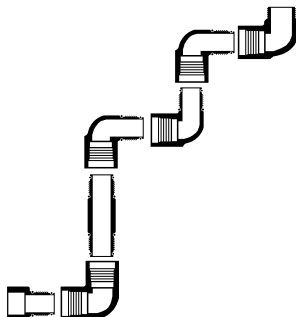
| MIPT Inlet x MAT Outlet | Size | Part Number | Nipple Length | Std Pk | Pallet Quantity | Disc Code | List Price Each |
|---|--------|-------------|---------------|--------|-----------------|-----------|-----------------|
|  | 1" | 5811-01008 | 8 | 25 | 400 | 030 | 30.11 |
| | | 5811-01010 | 10 | 25 | 400 | 030 | 31.73 |
| | | 5811-01012 | 12 | 25 | 400 | 030 | 33.46 |
| | 1-1/4" | 5811-01208 | 8 | 20 | 320 | 030 | 40.00 |
| | | 5811-01210 | 10 | 20 | 320 | 030 | 42.11 |
| | | 5811-01212 | 12 | 20 | 320 | 030 | 44.32 |
| | 1-1/2" | 5811-01508 | 8 | 15 | 240 | 030 | 48.72 |
| | | 5811-01510 | 10 | 15 | 240 | 030 | 51.19 |
| | | 5811-01512 | 12 | 15 | 240 | 030 | 53.86 |

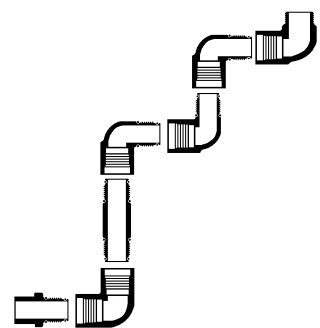
| SOC TEE Inlet x MIPT Outlet | Size | Part Number | Nipple Length | Std Pk | Pallet Quantity | Disc Code | List Price Each |
|---|-------------|-------------|---------------|--------|-----------------|-----------|-----------------|
|  | 2" x 1" | 5808-24908 | 8 | 15 | 240 | 030 | 42.98 |
| | | 5808-24910 | 10 | 15 | 240 | 030 | 45.29 |
| | | 5808-24912 | 12 | 15 | 240 | 030 | 47.69 |
| | 2" x 1-1/4" | 5808-25008 | 8 | 15 | 240 | 030 | 52.48 |
| | | 5808-25010 | 10 | 15 | 240 | 030 | 55.25 |
| | | 5808-25012 | 12 | 10 | 160 | 030 | 58.15 |
| | 2" x 1-1/2" | 5808-25108 | 8 | 10 | 160 | 030 | 69.40 |
| | | 5808-25110 | 10 | 10 | 160 | 030 | 73.15 |
| | | 5808-25112 | 12 | 10 | 160 | 030 | 77.12 |



SWING JOINT RISER ASSEMBLIES

| SOC TEE Inlet x MAT Outlet | Size | Part Number | Nipple Length | Std Pk | Pallet Quantity | Disc Code | List Price Each |
|---|-------------|-------------|---------------|--------|-----------------|-----------|-----------------|
|  | 2" x 1" | 5812-24908 | 8 | 15 | 240 | 030 | 42.98 |
| | | 5812-24910 | 10 | 15 | 240 | 030 | 45.29 |
| | | 5812-24912 | 12 | 15 | 240 | 030 | 47.69 |
| | 2" x 1-1/4" | 5812-25008 | 8 | 20 | 240 | 030 | 52.48 |
| | | 5812-25010 | 10 | 15 | 240 | 030 | 55.25 |
| | | 5812-25012 | 12 | 15 | 240 | 030 | 58.15 |
| | 2" x 1-1/2" | 5812-25108 | 8 | 10 | 160 | 030 | 69.40 |
| | | 5812-25110 | 10 | 10 | 160 | 030 | 73.15 |
| | | 5812-25112 | 12 | 10 | 160 | 030 | 77.12 |

| SOC Inlet x MIPT Outlet Multi-EII | Size | Part Number | Nipple Length | Std Pk | Pallet Quantity | Disc Code | List Price Each |
|--|--------|-------------|---------------|--------|-----------------|-----------|-----------------|
|  | 1" | 5855-01008 | 8 | 20 | 320 | 030 | 43.51 |
| | | 5855-01010 | 10 | 15 | 240 | 030 | 46.78 |
| | | 5855-01012 | 12 | 15 | 240 | 030 | 48.40 |
| | 1-1/4" | 5855-01208 | 8 | 20 | 320 | 030 | 55.49 |
| | | 5855-01210 | 10 | 15 | 240 | 030 | 58.76 |
| | | 5855-01212 | 12 | 15 | 240 | 030 | 60.38 |
| | 1-1/2" | 5855-01508 | 8 | 10 | 160 | 030 | 67.41 |
| | | 5855-01510 | 10 | 10 | 160 | 030 | 70.66 |
| | | 5855-01512 | 12 | 10 | 160 | 030 | 72.28 |

| SPIG Inlet x MIPT Outlet Multi-EII | Size | Part Number | Nipple Length | Std Pk | Pallet Quantity | Disc Code | List Price Each |
|---|--------|-------------|---------------|--------|-----------------|-----------|-----------------|
|  | 1" | 5856-01008 | 8 | 20 | 320 | 030 | 43.51 |
| | | 5856-01010 | 10 | 15 | 240 | 030 | 46.78 |
| | | 5856-01012 | 12 | 15 | 240 | 030 | 48.40 |
| | 1-1/4" | 5856-01208 | 8 | 20 | 320 | 030 | 55.49 |
| | | 5856-01210 | 10 | 15 | 240 | 030 | 58.76 |
| | | 5856-01212 | 12 | 15 | 240 | 030 | 60.38 |
| | 1-1/2" | 5856-01508 | 8 | 10 | 160 | 030 | 67.41 |
| | | 5856-01510 | 10 | 10 | 160 | 030 | 70.66 |
| | | 5856-01512 | 12 | 10 | 160 | 030 | 72.28 |

SWING JOINT RISER ASSEMBLIES



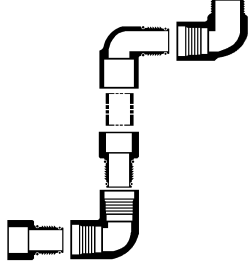
| MIPT Inlet x MIPT Outlet Multi-EII | Size | Part Number | Nipple Length | Std Pk | Pallet Quantity | Disc Code | List Price Each |
|---------------------------------------|--------|-------------|---------------|--------|-----------------|-----------|-----------------|
| | 1" | 5857-01008 | 8 | 20 | 320 | 030 | 43.51 |
| | | 5857-01010 | 10 | 15 | 240 | 030 | 46.78 |
| | | 5857-01012 | 12 | 15 | 240 | 030 | 48.40 |
| | 1-1/4" | 5857-01208 | 8 | 20 | 320 | 030 | 55.49 |
| | | 5857-01210 | 10 | 15 | 240 | 030 | 58.76 |
| | | 5857-01212 | 12 | 15 | 180 | 030 | 60.38 |
| | 1-1/2" | 5857-01508 | 8 | 10 | 160 | 030 | 67.41 |
| | | 5857-01510 | 10 | 10 | 160 | 030 | 70.66 |
| | | 5857-01512 | 12 | 10 | 160 | 030 | 72.28 |

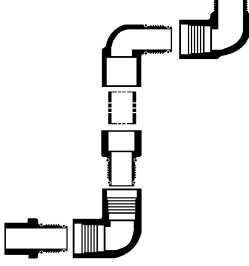
| TEE Inlet x MIPT Outlet Multi-EII | Size | Part Number | Nipple Length | Std Pk | Pallet Quantity | Disc Code | List Price Each |
|--------------------------------------|-------------|-------------|---------------|--------|-----------------|-----------|-----------------|
| | 2" x 1" | 5858-24908 | 8 | 15 | 240 | 030 | 62.16 |
| | | 5858-24910 | 10 | 15 | 240 | 030 | 66.83 |
| | | 5858-24912 | 12 | 10 | 160 | 030 | 69.15 |
| | 2" x 1-1/4" | 5858-25008 | 8 | 10 | 160 | 030 | 79.27 |
| | | 5858-25010 | 10 | 10 | 160 | 030 | 83.94 |
| | | 5858-25012 | 12 | 10 | 160 | 030 | 86.27 |
| | 2" x 1-1/2" | 5858-25108 | 8 | 10 | 160 | 030 | 96.29 |
| | | 5858-25110 | 10 | 10 | 160 | 030 | 100.92 |
| | | 5858-25112 | 12 | 10 | 160 | 030 | 103.26 |



SWING JOINT RISER ASSEMBLIES

Solvent Cemented Riser Nipple Style

| SOC Inlet x MIPT Outlet | Size | Part Number | Std Pk | Pallet Quantity | Disc Code | List Price Each | | |
|---|--------|--------------|--------|-----------------|-----------|-----------------|-------------------|--------------------|
| | | | | | | Without Nipple* | w/6"-18" Nipple** | w/19"-24" Nipple** |
|  | 1" | 5905-01000* | 10 | 720 | 030 | 24.65 | | |
| | | 5905-010__** | Bulk | Bulk | 030 | | 41.16 | 46.78 |
| | 1-1/4" | 5905-01200* | 10 | 480 | 030 | 32.60 | | |
| | | 5905-012__** | Bulk | Bulk | 030 | | 54.88 | 62.39 |
| | 1-1/2" | 5905-01500* | 8 | 384 | 030 | 40.56 | | |
| | | 5905-015__** | Bulk | Bulk | 030 | | 63.45 | 72.10 |

| SPIG Inlet x MIPT Outlet | Size | Part Number | Std Pk | Pallet Quantity | Disc Code | List Price Each | | |
|--|--------|--------------|--------|-----------------|-----------|-----------------|-------------------|--------------------|
| | | | | | | Without Nipple* | w/6"-18" Nipple** | w/19"-24" Nipple** |
|  | 1" | 5906-01000* | 10 | 720 | 030 | 24.65 | | |
| | | 5906-010__** | Bulk | Bulk | 030 | | 41.16 | 46.78 |
| | 1-1/4" | 5906-01200* | 10 | 480 | 030 | 32.60 | | |
| | | 5906-012__** | Bulk | Bulk | 030 | | 54.88 | 62.39 |
| | 1-1/2" | 5906-01500* | 8 | 384 | 030 | 40.56 | | |
| | | 5906-015__** | Bulk | Bulk | 030 | | 63.45 | 72.10 |

* Nipple purchased separately and assembled by others. (See Price Schedule NPL-1)

** Factory assembled with solvent cemented riser nipple. To order desired riser nipple length (see chart on page 13), fill in the blank at the end of Part Number with the desired nipple two-digit CODE (06-24) from the chart below. FACTORY SOLVENT CEMENTED SWING JOINT RISERS, ONCE PRODUCED, ARE NON-CANCELABLE AND NON-RETURNABLE.

| Solvent Cemented Style Riser Nipples | | | | | |
|--------------------------------------|-----------|---------------|-----------|---------------|-----------|
| Nipple Length | CODE | Nipple Length | CODE | Nipple Length | CODE |
| 6" | 06 | 13" | 13 | 19" | 19 |
| 7" | 07 | 14" | 14 | 20" | 20 |
| 8" | 08 | 15" | 15 | 21" | 21 |
| 10" | 10 | 16" | 16 | 22" | 22 |
| 11" | 11 | 17" | 17 | 23" | 23 |
| 12" | 12 | 18" | 18 | 24" | 24 |

SWING JOINT RISER ASSEMBLIES



| MIPT Inlet x MIPT Outlet | Size | Part Number | Std Pk | Pallet Quantity | Disc Code | List Price Each | | |
|--------------------------|--------|---------------|--------|-----------------|-----------|-----------------|-------------------|--------------------|
| | | | | | | Without Nipple* | w/6"-18" Nipple** | w/19"-24" Nipple** |
| | 1" | 5907-01000* | 10 | 720 | 030 | 24.65 | | |
| | | 5907-010___** | Bulk | Bulk | 030 | | 41.16 | 46.78 |
| | 1-1/4" | 5907-01200* | 10 | 480 | 030 | 32.60 | | |
| | | 5907-012___** | Bulk | Bulk | 030 | | 54.88 | 62.39 |
| | 1-1/2" | 5907-01500* | 8 | 384 | 030 | 40.56 | | |
| | | 5907-015___** | Bulk | Bulk | 030 | | 63.45 | 72.10 |

| SOC TEE Inlet x MIPT Outlet | Size | Part Number | Std Pk | Pallet Quantity | Disc Code | List Price Each | | |
|-----------------------------|-------------|---------------|--------|-----------------|-----------|-----------------|-------------------|--------------------|
| | | | | | | Without Nipple* | w/6"-18" Nipple** | w/19"-24" Nipple** |
| | 2" x 1" | 5908-24900* | 8 | 384 | 030 | 29.00 | | |
| | | 5908-249___** | Bulk | Bulk | 030 | | 48.55 | 55.15 |
| | 2" x 1-1/4" | 5908-25000* | 5 | 240 | 030 | 36.82 | | |
| | | 5908-250___** | Bulk | Bulk | 030 | | 61.09 | 65.58 |
| | 2" x 1-1/2" | 5908-25100* | 6 | 216 | 030 | 41.16 | | |
| | | 5908-251___** | Bulk | Bulk | 030 | | 64.42 | 73.22 |

* Nipple purchased separately and assembled by others. (See Price Schedule NPL-1)

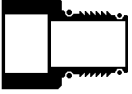


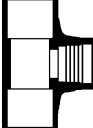

** Factory assembled with solvent cemented riser nipple. To order desired lay length, fill in the blank at the end of Part Number with the desired nipple two-digit CODE (06-24) from the chart below. **FACTORY SOLVENT CEMENTED SWING JOINT RISERS, ONCE PRODUCED, ARE NON-CANCELABLE AND NON-RETURNABLE.**

| Solvent Cemented Style Riser Nipples | | | | | |
|--------------------------------------|------|---------------|------|---------------|------|
| Nipple Length | CODE | Nipple Length | CODE | Nipple Length | CODE |
| 6" | 06 | 13" | 13 | 19" | 19 |
| 7" | 07 | 14" | 14 | 20" | 20 |
| 8" | 08 | 15" | 15 | 21" | 21 |
| 10" | 10 | 16" | 16 | 22" | 22 |
| 11" | 11 | 17" | 17 | 23" | 23 |
| 12" | 12 | 18" | 18 | 24" | 24 |



SWING JOINT RISER ASSEMBLIES

Swing Joint Riser Components


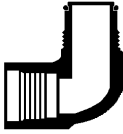
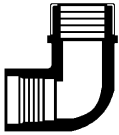
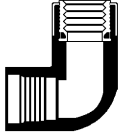


| Component | Size | Part Number | Disc Code | List Price Each | |
|---|--|-----------------|-------------|-----------------|-------|
|  | Inlet Adapter SOC x MBT <i>with O-rings</i> | 1" | 591-010-3AR | 030 | 7.38 |
| | 1-1/4" | 591-012-3AR | 030 | 9.30 | |
| | 1-1/2" | 591-015-3AR | 030 | 11.23 | |
|  | Inlet Adapter SPIG x MBT <i>with O-rings</i> | 1" | 592-010-4AR | 030 | 10.62 |
| | | 1-1/4" | 592-012-4AR | 030 | 11.75 |
| | | 1-1/2" | 592-015-4AR | 030 | 12.87 |
| | Inlet Adapter JIS SPIG x MBT <i>with O-rings</i> | 25mm | 594-010-4AR | 030 | 10.62 |
| | | 32mm | 594-012-4AR | 030 | 11.75 |
| | | 40mm | 594-015-4AR | 030 | 12.87 |
| | Inlet Adapter DIN SPIG x MBT <i>with O-rings</i> | 32mm | 595-010-4AR | 030 | 10.62 |
| | | 40mm | 595-012-4AR | 030 | 11.75 |
| | | 50mm | 595-015-4AR | 030 | 12.87 |
|  | Inlet Adapter MIPT x MBT <i>with O-rings</i> | 1" | 596-010-4AR | 030 | 9.02 |
| | | 1-1/4" | 596-012-4AR | 030 | 10.52 |
| | | 1-1/2" | 596-015-4AR | 030 | 12.01 |
| | Reducing Inlet Adapter MIPT x MBT <i>with O-rings</i> | 1-1/2" x 1-1/4" | 596-212-4AR | 030 | 16.05 |
| | Inlet Adapter BSP x MBT <i>with O-rings</i> | 1" | 597-010-4AR | 030 | 9.02 |
| | | 1-1/4" | 597-012-4AR | 030 | 10.52 |
| 1-1/2" | | 597-015-4AR | 030 | 12.01 | |
|  | Reducer Tee SOC x FBT | 2" x 1" | 593-249-5A | 030 | 18.83 |
| | | 2" x 1-1/4" | 593-250-5A | 030 | 18.83 |
| | | 2" x 1-1/2" | 593-251-5A | 030 | 18.83 |
|  | 90° Ell Outlet FBT x SOC | 1" | 591-010-2A | 030 | 11.68 |
| | | 1-1/4" | 591-012-2A | 030 | 13.56 |
| | | 1-1/2" | 591-015-2A | 030 | 15.41 |

Swing Joint Riser Components receive the same discount as Swing Joint Riser Assemblies.

SWING JOINT RISER ASSEMBLIES



Swing Joint Riser Components

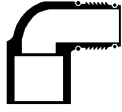



| Component | Size | Part Number | Disc Code | List Price Each | |
|---|--|--------------|--------------|-----------------|-------|
|  | 90° Street Ell Outlet FBT x MIPT | 1" | 591-010-4A | 030 | 9.98 |
| | 1-1/4" | 591-012-4A | 030 | 11.84 | |
| | 1-1/2" | 591-015-4A | 030 | 13.69 | |
| | 1-1/4" x 1" | 591-168-4A | 030 | 23.17 | |
| | 90° Street Ell Outlet FBT x BSP | 1" | 591-010-5A | 030 | 11.68 |
| | | 1-1/4" | 591-012-5A | 030 | 11.84 |
| | | 1-1/2" | 591-015-5A | 030 | 15.41 |
|  | 90° Street Ell Outlet FBT x MAT <i>with O-ring</i> | 1" | 591-010-7AR | 030 | 13.04 |
| | 1-1/4" | 591-012-7AR | 030 | 15.18 | |
| | 1-1/2" | 591-015-7AR | 030 | 17.32 | |
| | 1" x 1-1/4" | 591-132-7AR | 030 | 15.18 | |
|  | Stainless Steel Reinforced 90° Ell Outlet FBT x SR FIPT | 1" | 591-010-8SRA | 030 | 16.59 |
| | 1-1/4" | 591-012-8SRA | 030 | 18.95 | |
| | 1-1/2" | 591-015-8SRA | 030 | 20.35 | |
|  | Brass Thread 90° Ell Outlet FBT x BR FIPT | 1" | 591-010-8BRA | 030 | 20.65 |
| | 1-1/4" | 591-012-8BRA | 030 | 45.72 | |
| | 1-1/2" | 591-015-8BRA | 030 | 66.09 | |
|  | 90° Street Ell Outlet MBT x FBT <i>with O-rings</i> | 1" | 591-010-1AR | 030 | 13.04 |
| | 1-1/4" | 591-012-1AR | 030 | 15.18 | |
| | 1-1/2" | 591-015-1AR | 030 | 17.32 | |
|  | Riser Nipple MBT (8" Length) <i>with O-rings</i> | 1" | 59-010-08R | 030 | 9.60 |
| | | 1-1/4" | 59-012-08R | 030 | 12.52 |
| | | 1-1/2" | 59-015-08R | 030 | 15.43 |
| | Riser Nipple MBT (10" Length) <i>with O-rings</i> | 1" | 59-010-10R | 030 | 10.30 |
| | | 1-1/4" | 59-012-10R | 030 | 13.29 |
| | | 1-1/2" | 59-015-10R | 030 | 16.31 |
| | Riser Nipple MBT (12" Length) <i>with O-rings</i> | 1" | 59-010-12R | 030 | 11.67 |
| | | 1-1/4" | 59-012-12R | 030 | 14.40 |
| | | 1-1/2" | 59-015-12R | 030 | 17.16 |

Swing Joint Riser Components receive the same discount as Swing Joint Riser Assemblies.



SWING JOINT RISER ASSEMBLIES

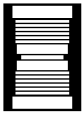
Swing Joint Riser Components

| Component | | Size | Part Number | Disc Code | List Price Each |
|---|--|-----------------|-------------|-----------|-----------------|
|  | 90° Street EII Outlet SOC x MBT with O-rings | 1" | 593-010-1AR | 030 | 13.04 |
| | | 1-1/4" | 593-012-1AR | 030 | 15.18 |
| | | 1-1/2" | 593-015-1AR | 030 | 17.32 |
|  | 90° EII Outlet FBT x FBT | 1" | 591-010-6A | 030 | 10.62 |
| | | 1-1/4" | 591-012-6A | 030 | 14.02 |
| | | 1-1/2" | 591-015-6A | 030 | 15.53 |
|  | Reducer Bushing Spigot x FAT (Female Acme Thread) | 1-1/4" x 1" | 598-168-27 | 030 | 2.47 |
| | | 1-1/2" x 1-1/4" | 598-212-27 | 030 | 3.01 |
| | | 2" x 1-1/2" | 598-251-27 | 030 | 3.29 |
|  | Reducer Bushing Spigot x FBT (Female Buttress Thread) | 1-1/4" x 1" | 598-168-26 | 030 | 2.42 |
| | | 1-1/2" x 1-1/4" | 598-212-26 | 030 | 2.71 |
| | | 2" x 1-1/2" | 598-251-26 | 030 | 3.19 |

Swing Joint Riser Accessories


Riser Extension Coupling

(May be used with 5800 Series Buttress Threaded Nipples to Extend Height of Riser)

|  | Part Number | Size | Std Pk | Disc Code | List Price Each |
|---|-------------|--------|--------|-----------|-----------------|
| | 58-010-1 | 1" | 140 | 030 | 8.83 |
| | 58-012-1 | 1-1/4" | 100 | 030 | 9.29 |
| | 58-015-1 | 1-1/2" | 80 | 030 | 10.42 |

MIPT x SPIG Adapter


(May be used with SOC Inlet or Outlet to convert to MIPT Inlet or Outlet)

|  | Part Number | Size | Std Pk | Disc Code | List Price Each |
|---|-------------|-----------------|--------|-----------|-----------------|
| | 590-015 | 1-1/2" | 25 | 030 | 6.53 |
| | 590-211 | 1-1/2" x 1" | 25 | 030 | 3.77 |
| | 590-212 | 1-1/2" x 1-1/4" | 25 | 030 | 3.77 |

Stainless Steel Reinforced


R MIPT x SPIG Adapter

(May be used with SOC Inlet or Outlet to convert to MIPT Inlet or Outlet)

|  | Part Number | Size | Std Pk | Disc Code | List Price Each |
|---|-------------|-------------|--------|-----------|-----------------|
| | 590-168R | 1-1/4" x 1" | 50 | 030 | 6.82 |

Wire Holder

(Holds up to 4-wires, #12 or #14 gauge single feeder irrigation control cable. Snaps onto Spears Swing Joint Risers.)

|  | Part Number | Size | Std Pk | Disc Code | List Price Each |
|---|-------------|--------|--------|-----------|-----------------|
| | 58WH-010 | 1" | 1500 | 030 | 1.29 |
| | 58WH-012 | 1-1/4" | 1000 | 030 | 1.42 |
| | 58WH-015 | 1-1/2" | 700 | 030 | 1.60 |

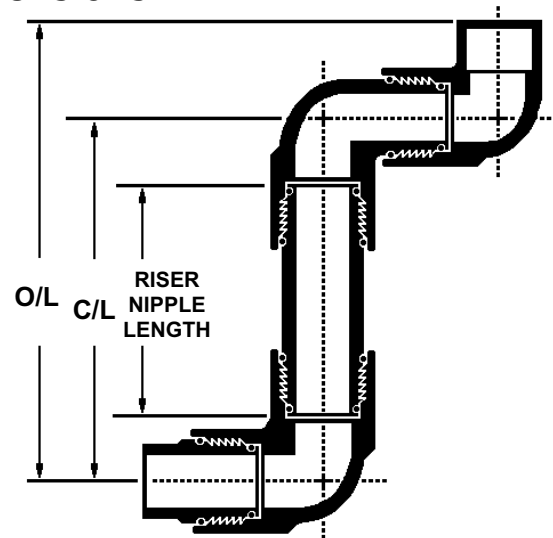
Swing Joint Riser Components receive the same discount as Swing Joint Riser Assemblies.

SWING JOINT RISER ASSEMBLIES



Swing Joint Riser Dimensions

| RISER NIPPLE LENGTH (IN.) | CENTER TO CENTER C/L | | | OVERALL LENGTH O/L | | |
|---|----------------------|---------|---------|--------------------|----------|--------|
| | 1" | 1-1/4" | 1-1/2" | 1" | 1-1/4" | 1-1/2" |
| 5800 SERIES* — MALE BUTTRESS THREADED STYLE | | | | | | |
| 8 | 9-11/16 | 10-3/16 | 10-7/16 | 12-1/16 | 12-11/16 | 13-1/4 |
| 10 | 11-11/16 | 12-3/16 | 12-7/16 | 14-1/16 | 14-11/16 | 15-1/4 |
| 12 | 13-11/16 | 14-3/16 | 14-7/16 | 16-1/16 | 16-11/16 | 17-1/4 |
| 5900 SERIES** — CUT & SOLVENT CEMENTED STYLE | | | | | | |
| 6 | 9-11/16 | 10-3/16 | 10-7/16 | 12-1/16 | 12-11/16 | 12-1/4 |
| 7 | 10-11/16 | 11-3/16 | 11-7/16 | 13-1/16 | 13-11/16 | 14-1/4 |
| 8 | 11-11/16 | 12-3/16 | 12-7/16 | 14-1/16 | 14-11/16 | 15-1/4 |
| 9 | 12-11/16 | 13-3/16 | 13-7/16 | 15-1/16 | 15-11/16 | 16-1/4 |
| 10 | 13-11/16 | 14-3/16 | 14-7/16 | 16-1/16 | 16-11/16 | 17-1/4 |
| 11 | 14-11/16 | 15-3/16 | 15-7/16 | 17-1/16 | 17-11/16 | 18-1/4 |
| 12 | 15-11/16 | 16-3/16 | 16-7/16 | 18-1/16 | 18-11/16 | 19-1/4 |
| 13 | 16-11/16 | 17-3/16 | 17-7/16 | 19-1/16 | 19-11/16 | 20-1/4 |
| 14 | 17-11/16 | 18-3/16 | 18-7/16 | 20-1/16 | 20-11/16 | 21-1/4 |
| 15 | 18-11/16 | 19-3/16 | 19-7/16 | 21-1/16 | 21-11/16 | 22-1/4 |
| 16 | 19-11/16 | 20-3/16 | 20-7/16 | 22-1/16 | 22-11/16 | 23-1/4 |
| 17 | 20-11/16 | 21-3/16 | 21-7/16 | 23-1/16 | 23-11/16 | 24-1/4 |
| 18 | 21-11/16 | 22-3/16 | 22-7/16 | 24-1/16 | 24-11/16 | 25-1/4 |
| 19 | 22-11/16 | 23-3/16 | 23-7/16 | 25-1/16 | 25-11/16 | 26-1/4 |
| 20 | 23-11/16 | 24-3/16 | 24-7/16 | 26-1/16 | 26-11/16 | 27-1/4 |
| 21 | 24-11/16 | 25-3/16 | 25-7/16 | 27-1/16 | 27-11/16 | 28-1/4 |
| 22 | 25-11/16 | 26-3/16 | 26-7/16 | 28-1/16 | 28-11/16 | 29-1/4 |
| 23 | 26-11/16 | 27-3/16 | 27-7/16 | 29-1/16 | 29-11/16 | 30-1/4 |
| 24 | 27-11/16 | 28-3/16 | 28-7/16 | 30-1/16 | 30-11/16 | 31-1/4 |



- BSP** = British Standard Pipe
- C/L** = Centerline to Centerline
- DIN** = European Metric Standard
- JIS** = Japanese Industrial Standard
- MAT** = Male Acme Thread
- MBT** = Male Buttress Thread
- MIPT** = Male Iron Pipe Thread
- O/L** = Overall Length
- SOC** = IPS Solvent Weld Socket
- SPIG** = Spigot End

* 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.

SPEARS® MANUFACTURING COMPANY
LIMITED WARRANTY
Swing Joint Riser • 5 Year • Special Extended

Except as otherwise mandated by law, Spears Manufacturing Company warrants that the goods which have been directly manufactured by them shall be free from defects in material and workmanship for a period of five (5) years, from the date of shipment. CUSTOMER AGREES THAT THIS WARRANTY SHALL BE EFFECTIVE SO LONG AS THE GOODS ARE USED SOLELY FOR THE NORMAL PURPOSES FOR WHICH THEY ARE INTENDED AND IN CONFORMANCE WITH INDUSTRY ESTABLISHED ENGINEERING, INSTALLATION, OPERATING, AND MAINTENANCE SPECIFICATIONS, RECOMMENDATIONS AND INSTRUCTIONS. VIOLATION THEREOF SHALL VOID THIS WARRANTY AND RELIEVE COMPANY FROM ANY OBLIGATION UNDER THIS WARRANTY. COMPANY CANNOT AND DOES NOT ASSUME RESPONSIBILITY, AND EXPRESSLY DISCLAIMS ANY LIABILITY, DUE TO CUSTOMER'S, ANY INSTALLER'S OR END USER'S FAILURE TO COMPLY WITH SUCH SPECIFICATIONS, RECOMMENDATIONS AND INSTRUCTIONS.

If Customer receives any goods that appear to be defective, upon receipt of a Return Authorization (RA#) issued by Spears Customer Services Department, Customer may return such questionable goods. The material must be returned prepaid to Company at 15853 Olden Street, Sylmar, California 91342 along with completed Return Authorization documentation. After examination if the goods are determined to be defective in materials or workmanship directly provided by Company, Company, at its sole option, may either repair or replace the defective goods, or reimburse Customer for the cost of such goods. This shall be Customer's only remedy. All costs of shipping such questionable goods and any replacements thereof to and from Company's facility shall be borne by Customer. Customer agrees that Company will not be responsible for other parts or labor in connection with repairing, replacing, or returning such goods while goods are in possession of Company for analysis, nor for any delays beyond Company's reasonable control (including, with limitation, delays due to unavailability of materials, equipment, other supplies or labor, strikes, governmental regulation or other acts of God), provided that any delay shall toll the warranty period for the same amount of time as the delay itself.

COMPANY EXTENDS ONLY THIS WARRANTY AND EXPLICITLY WAIVES ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, ORAL OR STATUTORY (INCLUDING ANY IMPLIED WARRANTIES OR AFFIRMATION, SUITABILITY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) APPLICABLE TO THE GOODS. NO AFFIRMATION BY COMPANY OR ANY OF ITS REPRESENTATIVES, BY WORDS OR CONDUCT, SHALL CONSTITUTE A WARRANTY. THIS WARRANTY MAY NOT BE EXTENDED, ALTERED OR OTHERWISE MODIFIED EXCEPT BY WRITTEN AGREEMENT SIGNED BY COMPANY.

BY ITS ACCEPTANCE OF THE GOODS, CUSTOMER HEREBY SPECIFICALLY AND EXPRESSLY WAIVES ALL OTHER LIABILITY OR OBLIGATION OF ANY KIND OR CHARACTER OF COMPANY, INCLUDING WITHOUT LIMITATION LIABILITY PREDICATED UPON STRICT LIABILITY OR TORT, AND ALL DAMAGES AND LOSSES AS A RESULT THEREOF, INCLUDING BUT NOT LIMITED TO ALL KNOWN, UNKNOWN, FORESEEABLE, UNFORESEEABLE, ABSOLUTE, CONTINGENT, LIQUIDATED, NON-LIQUIDATED, COMPENSATORY, GENERAL, SPECIAL, CONSEQUENTIAL, INCIDENTAL, OR PUNITIVE DAMAGES, AND WITH RESPECT TO THE GOODS, THEIR RETURN, REPAIR, RESTORATION AND REPLACEMENT. WITH RESPECT TO SUCH WAIVER, CUSTOMER HEREBY EXPLICITLY WAIVES CALIFORNIA CIVIL CODE §1542 WHICH STATES "A GENERAL RELEASE DOES NOT EXTEND TO CLAIMS WHICH THE CREDITOR DOES NOT KNOW OR SUSPECT TO EXIST IN HIS FAVOR AT THE TIME OF EXECUTING THIS RELEASE, WHICH IF KNOWN BY HIM MUST HAVE MATERIALLY ADVERSELY AFFECTED HIS SETTLEMENT WITH DEBTOR" AND ALL OTHER SIMILAR STATUTORY, COMMON AND CASE LAW RIGHTS, DEFENSES AND LIMITATIONS.

Having independently inspected a sample of the goods as fully as desired or having refused to make such examination upon acceptance of delivery of the goods, and except as otherwise herein provided, Customer hereby accepts the goods in its "AS IS" condition "WITH ALL FAULTS" without any other warranty, expressed or implied, and hereby accepts and assumes the entire risk and cost of all necessary servicing, repairs and remedy thereof.

INSTALLATION INFORMATION

RECOMMENDATIONS FOR INSTALLERS AND USERS:

Plastic piping systems should be **ENGINEERED, INSTALLED, and OPERATED** in accordance with **ESTABLISHED DESIGN AND ENGINEERING STANDARDS AND PROCEDURES** for plastic piping systems. Suitability for the intended service application should be determined prior to installation. **PRIOR TO ASSEMBLY, all piping system components should be inspected for damage or irregularities. Mating components should be checked to assure that tolerances and engagements are compatible. Do not use any components that appear irregular or do not fit properly. Contact the appropriate manufacturer of the component product in question to determine usability. Spears Manufacturing Company, Inc., recommends that all PVC and CPVC plastic piping systems be designed and constructed to AVOID EXCESSIVE WATER HAMMER.** Water hammer can cause damage and failure to pipe, valves, and fittings within the piping system. Consult all applicable codes and regulations for compliance prior to installation.

CAUTION — Spears Manufacturing Company **WILL NOT ACCEPT RESPONSIBILITY** for damage or impairment of its products, or other consequential or incidental damages caused by misapplication, incorrect assembly, and/or exposure to harmful substances or conditions.

SOLVENT WELD CONNECTIONS — Use a quality grade of primer and solvent cement formulated for the type of connection, with the **CORRECT SIZE APPLICATOR**. Read and follow all of the solvent cement **MANUFACTURER'S APPLICATION AND CURE TIME INSTRUCTIONS THOROUGHLY. BEFORE APPLYING PRIMER AND CEMENT**, appropriate safety precautions should be taken. Primer and Cement should be stored in the shade between 40°F and 110°F. Eliminate all ignition sources. Avoid breathing of vapors. Use only with adequate ventilation; explosion-proof general mechanical ventilation or local exhaust is recommended to maintain vapor concentrations below recommended exposure limits. In confined or partially enclosed areas, a NIOSH-approved organic vapor cartridge respirator with full face-piece is recommended. Containers should be kept tightly closed when not in use, and covered as much as possible when in use. Avoid frequent contact with skin; wearing PVA coated protective gloves and impervious apron are recommended. Avoid any contact with eyes; splash-proof chemical goggles are recommended.

THREADED CONNECTIONS — Use a quality grade thread sealant. **WARNING: SOME PIPE JOINT COMPOUNDS OR TEFLON PASTES MAY CONTAIN SUBSTANCES THAT COULD CAUSE STRESS CRACKING TO PLASTIC.** Spears Manufacturing Company recommends the use of Spears **BLUE 75™** Thread Sealant which has been tested for compatibility with Spears products. Please follow the sealant manufacturers' application/installation instructions. Choice of an appropriate thread sealant other than those listed above is at the discretion of the installer. 1 to 2 turns beyond FINGER TIGHT is generally all that is required to make a sound plastic threaded connection. Unnecessary OVER TIGHTENING will cause DAMAGE TO BOTH PIPE AND FITTING.

WARNING: DO NOT USE COMPRESSED AIR OR GAS TO TEST ANY PVC OR CPVC THERMOPLASTIC PIPING PRODUCT OR SYSTEM, AND DO NOT USE DEVICES PROPELLED BY COMPRESSED AIR OR GAS TO CLEAR SYSTEMS. THESE PRACTICES MAY RESULT IN EXPLOSIVE FRAGMENTATION OF SYSTEM PIPING AND COMPONENTS CAUSING SERIOUS OR FATAL BODILY INJURY.

THIS PRODUCT IS ONLY TO BE USED FOR ITS INTENDED PURPOSE.



SPEARS® MANUFACTURING COMPANY

CORPORATE OFFICES

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FAX: (818) 367-3014

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98001
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(800) 347-7327
FAX: (253) 939-7557

ROCKY MOUNTAIN

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Denver, CO
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(800) 777-4154
FAX: (303) 375-9546

SOUTH CENTRAL

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(800) 441-1437
FAX: (972) 245-4205

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FAX: (801) 972-0688

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FAX: (770) 981-6106

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