



# Swing Joint & Heavy Turf

Irrigation Products  
Catalog



Current Pricing

**LASCO<sup>®</sup>**  
*Fittings, Inc.*

# LASCO SWING JOINTS

First Digit

**G**

**Step  
1**

**Step  
2**

**Step  
3**

-

**Step  
4**

**Step  
5**

**Step  
5**

Base Part Number

## Step 1 - Specify a Body Diameter by Number

| Second Digit | Diameter Size |
|--------------|---------------|
| 1            | 1"            |
| 2            | 1¼"           |
| 3            | 1½"           |

## Step 2 -Specify an Inlet by Number

| Third Digit | Inlet Size                                                              |
|-------------|-------------------------------------------------------------------------|
| 1           | Socket                                                                  |
| 2           | Spigot (Short)                                                          |
| 3           | Male Thread (MIPT)                                                      |
| 4           | Male ACME                                                               |
| 5           | Metric Spigot                                                           |
| 6           | Male BSPT                                                               |
| 7           | Long Spigot (4" Long)                                                   |
| 8           | Female BSPT                                                             |
| 9           | Reducing Female BSPT                                                    |
| H           | Spigot Saddle Connection (Increases from 1" Spigot to Swing Joint size) |
| M           | Main Line (Reduces from 1½" ACME to Swing Joint size)                   |
| P           | Tap't™ Saddle Connection (Reduces from 1½" ACME to Swing Joint size)    |

## Step 3 - Specify an Outlet by Number

| Fourth Digit | Outlet Style                                           |
|--------------|--------------------------------------------------------|
| 1            | Socket                                                 |
| 2            | MIPT (Available in 1", 1¼" and 1½" diameter)           |
| 3            | Enlarging MIPT (Available in 1", 1¼" and 1½" diameter) |
| 4            | MIPT Special (Available in 1" and 1¼" diameter)        |
| 5            | Thread BSPT (Available in 1", 1¼" and 1½" diameter)    |
| 6            | Enlarging BSPT (Available in 1½" diameter)             |
| 7            | Reducing MIPT (Available in 1" diameter)               |
| 8            | Increasing ACME (Available in 1½" diameter)            |
| 9            | Increasing BSPT (Available in 1¼" diameter)            |
| 0            | ACME (Available in 1", 1¼" and ½" diameter)            |
| A            | ACME Special (Available in 1¼" diameter)               |
| C            | Reducing ACME (Available in 1" diameter)               |
| D            | Reducing BSPT                                          |
| S            | SnapLok (Available in 1" and 1½" diameter)             |
| T            | Reducing SnapLok (Available in ¾" diameter)            |
| U            | BSPT SnapLok (Available in 1" diameter)                |



## Step 4 - Swing Joint Style

| Fifth Digit | Swing Joint Style                     |
|-------------|---------------------------------------|
| 1           | Kits                                  |
| 2           | Unitized Standard Sizes               |
| 3           | Fabricated Length                     |
| 4           | Triple Top-Out                        |
| 5           | Fabricated Length with Triple Top-Out |

## Step 5 - Specify Lay Length

| Style                                                   | Last 2 Digits | Lay Length |                             |
|---------------------------------------------------------|---------------|------------|-----------------------------|
| 1__ or 4__                                              | 00            | -----      | Kits                        |
|                                                         |               |            |                             |
| 2__                                                     | 08            | 8"         | Unitized Standard Sizes     |
|                                                         | 12            | 12"        |                             |
|                                                         | 18            | 18"        |                             |
| 3__                                                     | 10            | 10"        | Fabricated Sizes            |
|                                                         | 24            | 24"        |                             |
|                                                         | 30            | 30"        |                             |
| Please inquire about the availability of other lengths. |               |            |                             |
| 4__                                                     | 08            | 8"         | Unitized Triple Top Sizes   |
|                                                         | 12            | 12"        |                             |
|                                                         | 18            | 18"        |                             |
| 5__                                                     | 10            | 10"        | Fabricated Triple Top Sizes |
|                                                         | 24            | 24"        |                             |
|                                                         | 30            | 30"        |                             |
| Please inquire about the availability of other lengths. |               |            |                             |

## Swing Joint Carton Quantity

| Part No. | Lay Length (in) | Ctn Qty |
|----------|-----------------|---------|
| G__-__08 | 8"              | 15      |
| G__-__12 | 12"             | 15      |
| G__-__18 | 18"             | 10      |

Note: All 1" Diameter are packaged 15 to a carton. The G3\_\_-412 are 10 per carton.

Build and price your own unit with our online Swivel Joint Configurator at  
[www.lascofittings.com](http://www.lascofittings.com)



Swing Joint  
Configurator

# LASCO SWING JOINT INLETS

| Inlets |                                                                                     |                                                                                                  |                     |                  |                                  |             |
|--------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------|------------------|----------------------------------|-------------|
| ID #   | Inlet                                                                               | Description                                                                                      | Inlet Size          | Swing Joint Size | Replacement Inlet Part No.       | Carton Qty  |
| 1      |    | <b>Socket</b><br>Socket x ACME                                                                   | 1"                  | 1"               | G110-000                         | 5           |
|        |                                                                                     |                                                                                                  | 1¼"                 | 1¼"              | G210-000                         | 5           |
|        |                                                                                     |                                                                                                  | 1½"                 | 1½"              | G310-000                         | 5           |
| 2      |    | <b>Spigot - Short</b><br>Spigot x ACME                                                           | 1"                  | 1"               | G120-000                         | 5           |
|        |                                                                                     |                                                                                                  | 1¼"                 | 1¼"              | G220-000                         | 5           |
|        |                                                                                     |                                                                                                  | 1½"                 | 1½"              | G320-000                         | 5           |
| 3      |    | <b>MIPT</b><br>MIPT x ACME                                                                       | 1"                  | 1"               | G130-000                         | 5           |
|        |                                                                                     |                                                                                                  | 1¼"                 | 1¼"              | G230-000                         | 5           |
|        |                                                                                     |                                                                                                  | 1½"                 | 1½"              | G330-000                         | 5           |
| 4      |    | <b>Male ACME</b><br>ACME x ACME                                                                  | 1"                  | 1"               | G001-006                         | 5           |
|        |                                                                                     |                                                                                                  | 1¼"                 | 1¼"              | G001-005                         | 5           |
|        |                                                                                     |                                                                                                  | 1½"                 | 1½" (same as M)  | G001-004                         | 5           |
| 5      |    | <b>Metric Spigot</b><br>Spigot x ACME                                                            | 1" (2,5cm)          | 1"               | G150-000                         | 5           |
|        |                                                                                     |                                                                                                  | 1¼" (3,2 cm)        | 1¼"              | G250-000                         | 5           |
|        |                                                                                     |                                                                                                  | 1½" (4,0 cm)        | 1½"              | G350-000                         | 5           |
| 6      |   | <b>Male BSPT</b><br>Male BSPT x ACME                                                             | 1" (2,5cm)          | 1"               | G160-000                         | 5           |
|        |                                                                                     |                                                                                                  | 1¼" (3,2 cm)        | 1¼"              | G260-000                         | 5           |
|        |                                                                                     |                                                                                                  | 1½" (4,0 cm)        | 1½"              | G360-000                         | 5           |
| 7      |  | <b>Long Spigot</b><br>4" Long<br>Spigot x ACME                                                   | 1"                  | 1"               | G170-000                         | 5           |
|        |                                                                                     |                                                                                                  | 1¼"                 | 1¼"              | G270-000                         | 5           |
|        |                                                                                     |                                                                                                  | 1½"                 | 1½"              | G370-000                         | 5           |
| 8      |  | <b>Female BSPT</b><br>Female BSPT x ACME                                                         | 1" (2,5cm)          | 1"               | G180-000                         | 5           |
|        |                                                                                     |                                                                                                  | 1½" (4,0 cm)        | 1½"              | G380-000                         | 5           |
| 9      |  | <b>Reducing Female BSPT</b><br>Female BSPT x ACME                                                | 1½" (4,0 cm)<br>1½" | 1"<br>1"         | G190-000                         | 5           |
| H      |  | <b>Spigot Saddle Connection</b><br>Increases from 361-211 Saddle<br>to Swing Joint Size          | 1"<br>1"<br>1"      | 1"<br>1¼"<br>1½" | G120-017<br>G220-018<br>G320-019 | 5<br>5<br>5 |
| M      |  | <b>Main Line Connection</b><br>Reduces from 1½" ACME<br>Service Fitting to<br>Swing Joint Size   | 1½"<br>1½"<br>1½"   | 1"<br>1¼"<br>1½" | G001-014<br>G001-016<br>G001-004 | 5<br>5<br>5 |
| P      |  | <b>Tap't™ Saddle Connection</b><br>Reduces from 1½" ACME<br>Tap't™ Saddle<br>to Swing Joint Size | 1½"<br>1½"<br>1½"   | 1"<br>1¼"<br>1½" | G001-017<br>G001-018<br>G001-019 | 5<br>5<br>5 |

# LASCO SWING JOINT OUTLETS

| Outlets |                                                                                     |                                                    |                  |              |                             |            |
|---------|-------------------------------------------------------------------------------------|----------------------------------------------------|------------------|--------------|-----------------------------|------------|
| ID #    | Outlet                                                                              | Description                                        | Swing Joint Size | Outlet Size  | Replacement Outlet Part No. | Carton Qty |
| 1       |    | <b>Socket</b><br><i>ACME x Socket</i>              | 1"               | 1"           | 507-010                     | 5          |
|         |                                                                                     |                                                    | 1¼"              | 1¼"          | 507-012                     | 5          |
|         |                                                                                     |                                                    | 1½"              | 1½"          | 507-015                     | 5          |
| 2       |    | <b>MIPT</b><br><i>ACME x MIPT</i>                  | 1"               | 1"           | G102-000                    | 5          |
|         |                                                                                     |                                                    | 1¼"              | 1¼"          | G202-000                    | 5          |
|         |                                                                                     |                                                    | 1½"              | 1½"          | G302-000                    | 5          |
| 3       |    | <b>Enlarging MIPT</b><br><i>ACME x MIPT</i>        | 1"               | 1½"          | G102-211                    | 5          |
|         |                                                                                     |                                                    | 1¼"              | 1½"          | G202-212                    | 5          |
| 4       |    | <b>MIPT Special</b><br><i>ACME x MIPT</i>          | 1"               | 1¼"          | G102-132                    | 5          |
|         |                                                                                     |                                                    | 1½"              | 1¼"          | G302-169                    | 5          |
| 5       |   | <b>Thread BSPT</b><br><i>ACME x BSPT</i>           | 1"               | 1" (2,5cm)   | G104-000                    | 5          |
|         |                                                                                     |                                                    | 1¼"              | 1¼" (3,2 cm) | G204-000                    | 5          |
|         |                                                                                     |                                                    | 1½"              | 1½" (4,0 cm) | G304-000                    | 5          |
| 6       |  | <b>Enlarging BSPT</b><br><i>ACME x BSPT</i>        | 1"               | 1½" (4,0 cm) | G106-211                    | 5          |
|         |                                                                                     |                                                    | 1¼"              | 1½" (4,0 cm) | G206-212                    | 5          |
| 7       |  | <b>Reducing MIPT</b><br><i>ACME x MIPT Special</i> | 1¼"              | 1"           | G202-168                    | 5          |
|         |                                                                                     |                                                    | 1½"              | 1"           | G302-133                    | 5          |
| 8       |  | <b>Increasing ACME</b><br><i>ACME x ACME</i>       | 1"               | 1½"          | G108-211                    | 5          |
|         |                                                                                     |                                                    | 1¼"              | 1½"          | G208-212                    | 5          |
| 9       |  | <b>Increasing BSPT</b><br><i>ACME x BSPT</i>       | 1"               | 1¼" (3,2 cm) | G106-132                    | 5          |
| 0       |  | <b>ACME</b><br><i>ACME x ACME</i>                  | 1"               | 1"           | G100-002                    | 5          |
|         |                                                                                     |                                                    | 1¼"              | 1¼"          | G200-002                    | 5          |
|         |                                                                                     |                                                    | 1½"              | 1½"          | G300-002                    | 5          |
| A       |  | <b>ACME Special</b><br><i>ACME x ACME</i>          | 1"               | 1¼"          | G108-132                    | 5          |
|         |                                                                                     |                                                    | 1½"              | 1¼"          | G308-212                    | 5          |

Outlets continued on next page.

# LASCO SWING JOINT OUTLETS cont'd

## Outlets

| ID # | Outlet                                                                             | Description                                | Swing Joint Size | Outlet Size | Replacement Inlet Part No.                      | Carton Qty |
|------|------------------------------------------------------------------------------------|--------------------------------------------|------------------|-------------|-------------------------------------------------|------------|
| C    |   | <b>Reducing ACME</b><br>ACME x ACME        | 1¼"              | 1"          | G208-168                                        | 5          |
|      |                                                                                    |                                            | 1½"              | 1"          | G308-133                                        | 5          |
| D    |   | <b>Reducing BSPT</b><br>1¼" ACME x 1" BSPT | 1¼"              | 1"          | G208-168 + G104-000                             | 5          |
|      |                                                                                    |                                            | 1½"              | 1"          | G308-133 + G104-000<br>(Requires both fittings) | 5          |
| S    |   | <b>Brass MIPT SnapLok™</b>                 | 1"               | 1"          | G001-011 (Elbow) +<br>G001-012 (SnapLok)        | 5          |
|      |                                                                                    |                                            | 1½"              | 1½"         | G001-022 (Elbow) +<br>G001-021 (SnapLok)        | 5          |
| T    |   | <b>Brass Reducing MIPT SnapLok™</b>        | 1"               | ¾"          | G001-013 (Elbow) +<br>G001-012 (SnapLok)        | 5          |
| U    |  | <b>Brass BSPT SnapLok™</b>                 | 1"               | 1"          | G001-023 (Elbow) +<br>G001-012 (SnapLok)        | 5          |

## Swing Joint Replacement Parts

### Swing Arm

| Part No  | Nominal Size (in) | Length | Carton Qty | Code |
|----------|-------------------|--------|------------|------|
| G100-208 | 1                 | 8      | 5          | 11   |
| G200-208 | 1¼                | 8      | 5          | 11   |
| G300-208 | 1½                | 8      | 5          | 11   |

|          |    |    |   |    |
|----------|----|----|---|----|
| G100-212 | 1  | 12 | 5 | 11 |
| G200-212 | 1¼ | 12 | 5 | 11 |
| G300-212 | 1½ | 12 | 5 | 11 |

|          |    |    |   |    |
|----------|----|----|---|----|
| G100-218 | 1  | 18 | 5 | 11 |
| G200-218 | 1¼ | 18 | 5 | 11 |
| G300-218 | 1½ | 18 | 5 | 11 |

### Street Elbow Assembly

| Part No  | Nominal Size (in) | Carton Qty | Code |
|----------|-------------------|------------|------|
| G100-002 | 1                 | 5          | 11   |
| G200-002 | 1¼                | 5          | 11   |
| G300-002 | 1½                | 5          | 11   |

### O-Rings

| Part No | Nominal Size (in) | Carton Qty | Code |
|---------|-------------------|------------|------|
| 53010   | 1                 | 1          | 11   |
| 53012   | 1¼                | 1          | 11   |
| 53015   | 1½                | 1          | 11   |
| 53020   | 2                 | 1          | 11   |
| 53030   | 3                 | 1          | 11   |

### Male Brass Stabilizer Elbow

| Part No  | Swing Joint Size | Outlet Size | Carton Qty | Code |
|----------|------------------|-------------|------------|------|
| G001-011 | 1                | 1           | 5          | 11   |
| G001-013 | 1                | ¾           | 5          | 11   |
| G001-022 | 1½               | 1½          | 5          | 11   |
| G001-023 | 1                | 1 BSPT      | 5          | 11   |

### SnapLok™

| Part No  | Swing Joint Size | Outlet Size | Carton Qty | Code |
|----------|------------------|-------------|------------|------|
| G001-012 | 1                | 1 x ¾       | 5          | 11   |
| G001-021 | 1½               | 1½          | 5          | 11   |

# LASCO SWING JOINT KITS & ACCESSORIES

## Swing Joint Kits

- For swing arms that can be made up in the field to meet specific trench depths.
- Shipped as two assembled sections in a sealed bag.
- Installer has to cut and solvent weld pipe to desired length
- Follow approved procedures for solvent welding as per ASTM D2855-90



**Swing Joint Kits: Model 100**

| Part No | Nominal Size (in) | Carton Qty | Code |
|---------|-------------------|------------|------|
| G1_-100 | 1                 | 5          | 11   |
| G2_-100 | 1¼                | 5          | 11   |
| G3_-100 | 1½                | 5          | 11   |



**Triple Top-Out Swing Joint Kits: Model 400**

| Part No | Nominal Size (in) | Carton Qty | Code |
|---------|-------------------|------------|------|
| G1_-400 | 1                 | 50         | 11   |
| G2_-400 | 1¼                | 25         | 11   |
| G3_-400 | 1½                | 25         | 11   |

## Swing Joint Accessories



**Swing Joint Wire Holders**

| Part No  | Nominal Size (in) | Carton Qty | Code |
|----------|-------------------|------------|------|
| G004-010 | 1                 | 60         | 11   |
| G004-012 | 1¼                | 60         | 11   |
| G004-015 | 1½                | 60         | 11   |



- Eliminates the need for electrical tape or wire ties.
- Sufficient for four wires, either #12 or #14 single feeder irrigation control cable.
- To keep in place, a small amount of PVC pipe cement may be applied to one or both sides of the clip.

\*LASCO "Wire holders" fit LASCO Unitized Swing Joints only.



**ACME Test Caps**

| Part No  | Nominal Size (in) | Carton Qty | Code |
|----------|-------------------|------------|------|
| G548-010 | 1                 | 50         | 11   |
| G548-012 | 1¼                | 25         | 11   |
| G548-015 | 1½                | 25         | 11   |

- The ACME Test cap can be used to pressure test systems that utilize swing joints with ACME threaded outlets
- This cap can also be used to keep the ring clean and the line free from debris.



**Fitting Adapter - Spigot x FIPT**

| Part No | Nominal Size (in) | Carton Qty | Code |
|---------|-------------------|------------|------|
| 478-010 | 1                 | 25         | 11   |
| 478-012 | 1¼                | 25         | 11   |
| 478-015 | 1½                | 25         | 11   |

## Swing Joint Riser Kits

- Raise the height of ACME thread sprinkler heads without adjusting the swing joint lay length.
- Choose between pre-assembled ACME risers and ACME riser kits.
- Rated at 315 psi tested at 788 psi for 1 hour per ASTM F1970.



**Pre-Assembled ACME Riser**

| Part No  | Nominal Size (in) | Carton Qty | Code |
|----------|-------------------|------------|------|
| G587-002 | 1 x 7 Long        | 15         | 11   |
| G587-003 | 1¼ x 7 Long       | 15         | 11   |
| G587-001 | 1½ x 7 Long       | 15         | 11   |

Installation Notes: ACME O-ring sealed threads should be Finger Tightened and "Backed Off" one full rotation to provide maximum flexibility. Do NOT use Pre-Assembled ACME Riser Kits in conjunction with Sprinkler heads utilizing tapered pipe threads.

FOR USE ONLY WITH MALE ACME SWING JOINT OUTLETS.



**ACME Riser Kits**

| Part No  | Nominal Size (in) | Carton Qty | Code |
|----------|-------------------|------------|------|
| G590-002 | 1                 | 15         | 11   |
| G590-003 | 1¼                | 15         | 11   |
| G590-001 | 1½                | 15         | 11   |



**ACME Female Adapter**

| Part No  | Nominal Size (in) | Carton Qty | Code |
|----------|-------------------|------------|------|
| G001-002 | 1                 | 25         | 11   |
| G001-003 | 1¼                | 25         | 11   |
| G001-001 | 1½                | 25         | 11   |

# LASCO SWING JOINT & HEAVY TURF

## Swing Joint Outlet Adapters



| Outlet Adapters - FIPT x ACME |      |           |            |      |
|-------------------------------|------|-----------|------------|------|
| Part No                       | FIPT | Male ACME | Carton Qty | Code |
| G102-010                      | 1    | 1         | 50         | 11   |
| G002-132                      | 1    | 1¼        | 25         | 11   |
| G002-133                      | 1    | 1½        | 25         | 11   |
| G202-012                      | 1¼   | 1¼        | 25         | 11   |
| G002-169                      | 1¼   | 1½        | 25         | 11   |
| G002-212                      | 1½   | 1¼        | 25         | 11   |
| G302-015                      | 1½   | 1½        | 25         | 11   |

- Convert swing joints with MIPT to ACME heads.
- Reduce Inventory - adapt MIPT swing joints to ACME heads.
- No wrench, thread sealant or Teflon needed.
- Both connections are O-ring sealed for leak-free operation
- Works with all MIPT swing joints.



More Info

| Outlet Adapters - BSPT x ACME |             |           |            |      |
|-------------------------------|-------------|-----------|------------|------|
| Part No                       | Female BSPT | Male ACME | Carton Qty | Code |
| G108-010                      | 1           | 1         | 50         | 11   |
| G008-132                      | 1           | 1¼        | 25         | 11   |
| G008-133                      | 1           | 1½        | 25         | 11   |
| G208-012                      | 1¼          | 1¼        | 25         | 11   |
| G008-169                      | 1¼          | 1½        | 25         | 11   |
| G008-212                      | 1½          | 1¼        | 25         | 11   |
| G308-015                      | 1½          | 1½        | 25         | 11   |

- Convert swing joints with BSPT to ACME heads
- Reduce Inventory - adapt BSP outlet swing joints to ACME heads.
- No wrench, thread sealant or Teflon needed.
- Both connections are O-ring sealed for leak-free operation
- Works with all BSP outlet swing joints.

## Heavy Turf Adapters



More Info

- Change the ACME outlet diameter without digging up the Swing Joint
- Reduce the sprinkler conversion costs.
- Adapt other brands of Swing Joints to LASCO Service Fittings.
- Reduce LASCO Heavy Turf Mainline fittings from 1½ ACME to 1" and 1½ Female ACME thread.



### Swing Joint Adapters ACME x ACME

| Part No | Male ACME | Female ACME | Carton Qty | Code |
|---------|-----------|-------------|------------|------|
| 539-132 | 1         | 1¼          | 25         | 11   |
| 539-133 | 1         | 1½          | 25         | 11   |
| 539-168 | 1¼        | 1           | 25         | 11   |
| 539-169 | 1¼        | 1½          | 25         | 11   |
| 539-211 | 1½        | 1           | 25         | 11   |
| 539-212 | 1½        | 1¼          | 25         | 11   |

## ACME Service Fittings

- Use the proven ACME O-ring Service Seal fittings to provide leak-free connection to the LASCO Swing Joint.
- The ACME Service Seal fittings do not require Teflon® or thread sealant. • ACME Service Seal fittings improve installation and lower maintenance costs.
- Designed expressly for LASCO Swing Joints with either the "M" or "P" inlet connection.

### Service Tee

| Part No | Nominal Size (in) | Carton Qty | Code |
|---------|-------------------|------------|------|
| 302-251 | 2 x 1½            | 10         | 08   |
| 302-291 | 2½ x 1½           | 5          | 08   |
| 302-337 | 3 x 1½            | 5          | 08   |



Soc x Soc  
x ACME

### Service Elbow

| Part No | Nominal Size (in) | Carton Qty | Code |
|---------|-------------------|------------|------|
| 307-251 | 2 x 1½            | 10         | 08   |
| 307-291 | 2½ x 1½           | 5          | 08   |
| 307-337 | 3 x 1½            | 5          | 08   |



Soc x ACME

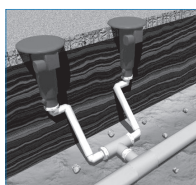
- Service Tee and Service Elbow for mainline & end-of-line connections. • Solvent cement for welded joint line connections.
- 1 1/2" Female ACME threads on the swing joint port to eliminate splitting & cracking. • Rated at 315 p.s.i. per ASTM F1970.

### Double Swing Tee

| Part No | Nominal Size (in) | Carton Qty | Code |
|---------|-------------------|------------|------|
| 305-015 | 1½ x 1½           | 10         | 08   |



ACME x ACME  
x ACME



- 1 1/2 ACME thread on all connections.
- 315 PSI Rated by ASTM F-1970.
- Use two Swing Joints from one mainline connection.
- Requested by Designers and Contractors.
- Use "M" Inlet to connect to 1", 1 1/4", or 1 1/2" Swing Joints.

### Reducing Bushing

| Part No | Nominal Size (in) | Carton Qty | Code |
|---------|-------------------|------------|------|
| 338-337 | 3 x 1½            | 5          | 08   |

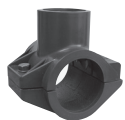


Spigot x ACME

- 1 1/2" ACME O-ring female threads.
- Used to adapt solvent mainline fittings for use as 1 1/2 ACME O-ring mainline fittings.
- Thread sealant or Teflon Tape is not required.

# LASCO SWING JOINT & HEAVY TURF

## Tap'ts™ and Thrusts™



### Saddle with Socket Top-Out

| Part No | Nominal Size (in)    | Carton Qty | Code |
|---------|----------------------|------------|------|
| 361-211 | 1½ Saddle x 1 Socket | 5          | B8   |

Pressure rated at 235 p.s.i. per ASTM F1970



More Info



### Tap't™ Saddles with FIPT Top-Out

| Part No | Nominal Size (in)  | Carton Qty | Code |
|---------|--------------------|------------|------|
| 362-209 | 1½ Saddle x ½ FIPT | 2          | B8   |
| 362-210 | 1½ Saddle x ¾ FIPT | 5          | B8   |
| 362-211 | 1½ Saddle x 1 FIPT | 5          | B8   |

For use with Swivel Joints

Pressure rated at 235 p.s.i. per ASTM F1970



### Tap't™ Saddles with ACME Top-Out

| Part No | Nominal Size (in)   | Carton Qty | Code |
|---------|---------------------|------------|------|
| 364-251 | 2 Saddle x 1½ FACME | 5          | B8   |
| 364-337 | 3 Saddle x 1½ FACME | 5          | B8   |
| 364-419 | 4 Saddle x 1½ FACME | 5          | B8   |

Pressure rated at 235 p.s.i. per ASTM F1970



### Tap't™ Couplings

| Part No | Nominal Size (in) | Carton Qty | Code |
|---------|-------------------|------------|------|
| 344-251 | 2 x 2 x 1½        | 15         | 08   |
| 344-291 | 2½ x 2½ x 1½      | 15         | 08   |
| 344-337 | 3 x 3 x 1½        | 10         | 08   |
| 344-419 | 4 x 4 x 1½        | 5          | 08   |



HDPE x Female ACME

### Tap't™ Hybrid Coupling (End of the Line Fitting)

| Part No  | Nominal Size (in) | Carton Qty | Code |
|----------|-------------------|------------|------|
| P330-251 | 2 x 1½            | 10         | 08   |

- Designed for Butt Fusion, Socket Fusion or Electrofusion
- Designed for 2" HDPE Lateral line
- Eliminate debris entrapment
- Completely clean out the system
- Saves water by keeping rotor valves clean
- Eliminate the end cap at the end of the line
- Eliminate the last Tap't Saddle
- Reduces installation time
- Metric size 63mm also available
- Use with P-Inlet Swing Joint



More Info



### Thrust Plugs

| Part No | Nominal Size (in) | Carton Qty | Code |
|---------|-------------------|------------|------|
| 349-020 | 2                 | 15         | B8   |

## ISO Valve Connectors

### ISO Valve Connectors

| Part No | Nominal Size (in) | Carton Qty | Code |
|---------|-------------------|------------|------|
| 302-020 | 2                 | 10         | 08   |
| 307-020 | 2                 | 10         | 08   |
| 308-020 | 2                 | 10         | 08   |
| 308-030 | 3                 | 4          | 08   |
| 336-020 | 2                 | 10         | 08   |
| 336-030 | 3                 | 10         | 08   |

- For easy repair and replacement of 2" isolation valves.
- Same design as the ACME O-ring leak-free joint.
- Teflon® or sealants are NOT required. • Rated at 315 p.s.i. per ASTM F1970.



302 Tee  
Slip x Slip x ACME



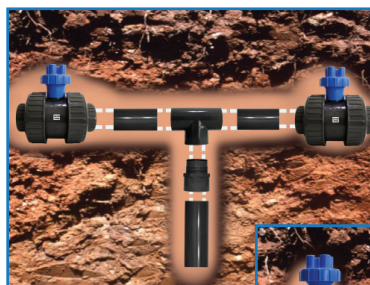
307 Elbow  
Slip x ACME



308 Elbow  
ACME x ACME



336 Male Adapter  
ACME x Slip



## 22½° Elbows



### 22½° Elbows

| Part No | Nominal Size (in) | Carton Qty | Code |
|---------|-------------------|------------|------|
| 865-020 | 2                 | 10         | 02   |
| 865-030 | 3                 | 5          | 02   |

# LASCO METRIC ACCESSORIES

## Metric ACME Service Fittings



### Service Tee

| Part No     | Nominal Size (in) | Carton Qty | Code |
|-------------|-------------------|------------|------|
| 7302-JJ-015 | 63mm x 1½         | 10         | 08   |
| 7302-KK-015 | 75mm x 1½         | 10         | 08   |



### Service Elbow

| Part No    | Nominal Size (in) | Carton Qty | Code |
|------------|-------------------|------------|------|
| 7307-J-015 | 63mm x 1½         | 10         | 08   |
| 7307-K-015 | 75mm x 1½         | 10         | 08   |

- Use the proven ACME O-ring Service Seal fittings to provide leak-free connection to the LASCO Swing Joint.
- The ACME Service Seal fittings do not require Teflon® or thread sealant.
- ACME Service Seal fittings improve installation and lower maintenance costs.
- Designed expressly for LASCO Swing Joints with either the "M" or "P" inlet connection.
- Service Tee and Service Elbow for mainline & end-of-line connections.
- Solvent cement for welded joint line connections.
- 1 1/2" Female ACME threads on the swing joint port to eliminate splitting & cracking.
- Rated at 315 p.s.i. per ASTM F1970.

## Metric Tap't™ Fittings



### Tap't™ Saddles

| Part No    | Nominal Size (in) | Carton Qty | Code |
|------------|-------------------|------------|------|
| 7364-J-015 | 63mm x 1½         | 5          | B8   |
| 7364-K-015 | 75mm x 1½         | 5          | B8   |
| 7364-L-015 | 90mm x 1½         | 5          | B8   |

Now you can install LASCO swing joints in an HDPE system and be confident the connection is secure. Ideal for "plowed" systems or where "poly" pipe is required.

- Pressure rated at 235 p.s.i. per ASTM F1970.
- 304 Stainless Steel hardware is captured or retained...no loose pieces to drop.
- All sizes have 1½ ACME thread outlet.
- No Teflon® or thread sealant required.
- Molded seal...to compensate for burrs and misaligned holes.
- Use with the "P" inlet configuration for vertical piping outlets.
- Use the "M" inlet swing joint for horizontal outlets.



HDPE x Female ACME



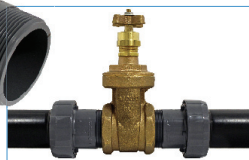
More Metric Info

### Tap't™ Hybrid Coupling (End of the Line Fitting)

| Part No     | Nominal Size (in) | Carton Qty | Code |
|-------------|-------------------|------------|------|
| P7330-J-015 | 63mm x 1½         | 25         | 08   |

- Designed for Butt Fusion, Socket Fusion or Electrofusion
- Designed for 2" or 63mm HDPE Lateral line
- Eliminate debris entrapment
- Completely clean out the system
- Saves water by keeping rotor valves clean
- Eliminate the end cap at the end of the line
- Eliminate the last Tap't Saddle
- Reduces installation time
- Use with P-Inlet Swing Joint

## Metric HDPE Transition Union



- Designed for butt fusion, socket fusion or electrofusion onto 2" or 63mm HDPE lateral lines
- Made in USA
- Buna O-Ring
- 200 psi
- Union design for Easy Removal of the valve assembly.
- Compatible with 1" - 2" Valves

### HDPE Transition Union

| Part No     | Nominal Size (in)    | Carton Qty | Code |
|-------------|----------------------|------------|------|
| P7896-J-249 | 63mm HDPE x 1" MIPT  | 10         | 08   |
| P7896-J-250 | 63mm HDPE x 1¼" MIPT | 10         | 08   |
| P7896-J-251 | 63mm HDPE x 1½" MIPT | 10         | 08   |
| P7896-J-020 | 63mm HDPE x 2" MIPT  | 10         | 08   |

## Metric Surge Guard™ Fittings



### Surge Guard™ Tee

| Part No | Nominal Size (in) | Carton Qty | Code |
|---------|-------------------|------------|------|
| 7301-J  | 63mm              | 25         | 08   |



### Surge Guard™ Elbow 45°

| Part No | Nominal Size (in) | Carton Qty | Code |
|---------|-------------------|------------|------|
| 7317-J  | 63mm              | 25         | 08   |



### Surge Guard™ Elbow 90°

| Part No | Nominal Size (in) | Carton Qty | Code |
|---------|-------------------|------------|------|
| 7306-J  | 63mm              | 25         | 08   |

Our Patented LASCO Surge Guard Fittings were designed to be the strongest and most forgiving PVC Golf Course Fittings we have ever produced.

We now have third party testing results to verify:

The LASCO Surge Guard Tees are 10X Stronger than Sch 80 Tees based on repeat high stress failure testing from:

The Center for Irrigation Technology (CIT) at Fresno State University.

# LASCO SURGE GUARD GOLF FITTINGS

## HDPE Transition Union



More Info

- Designed for butt fusion, socket fusion or electrofusion onto 2" or 63mm HDPE lateral lines
- Made in USA
- Buna O-Ring
- 200 psi
- Union design for easy removal of the valve assembly.
- Compatible with 1" - 2" Valves

### HDPE Transition Union

| Part No     | Nominal Size (in)       | Carton Qty | Code |
|-------------|-------------------------|------------|------|
| P896-249    | 2" HDPE x 1" MIPT       | 10         | 08   |
| P896-250    | 2" HDPE x 1 1/4" MIPT   | 10         | 08   |
| P896-251    | 2" HDPE x 1 1/2" MIPT   | 10         | 08   |
| P896-020    | 2" HDPE x 2" MIPT       | 10         | 08   |
| P7896-J-249 | 63mm HDPE x 1" MIPT     | 10         | 08   |
| P7896-J-250 | 63mm HDPE x 1 1/4" MIPT | 10         | 08   |
| P7896-J-251 | 63mm HDPE x 1 1/2" MIPT | 10         | 08   |
| P7896-J-020 | 63mm HDPE x 2" MIPT     | 10         | 08   |

## Surge Guard™ Fittings



### Surge Guard™ Tees

| Part No | Nominal Size (in) | Carton Qty | Code |
|---------|-------------------|------------|------|
| 301-020 | 2                 | 25         | 08   |
| 301-025 | 2 1/2             | 10         | 08   |



### Surge Guard™ Elbow 45°

| Part No | Nominal Size (in) | Carton Qty | Code |
|---------|-------------------|------------|------|
| 317-020 | 2                 | 25         | 08   |
| 317-025 | 2 1/2             | 10         | 08   |



### Surge Guard™ Reducing Tees

| Part No  | Nominal Size (in)     | Carton Qty | Code |
|----------|-----------------------|------------|------|
| 301-249  | 2 x 1                 | 10         | 08   |
| 301-250  | 2 x 1 1/4             | 10         | 08   |
| 301-251  | 2 x 1 1/2             | 10         | 08   |
| 301-289* | 2 1/2 x 2 1/2 x 1     | 5          | 08   |
| 301-290* | 2 1/2 x 2 1/2 x 1 1/4 | 5          | 08   |
| 301-291* | 2 1/2 x 2 1/2 x 1 1/2 | 5          | 08   |
| 301-292* | 2 1/2 x 2 1/2 x 2     | 5          | 08   |

\* Indicates fabricated fitting



### Surge Guard™ Elbow 22 1/2°

| Part No | Nominal Size (in) | Carton Qty | Code |
|---------|-------------------|------------|------|
| 365-025 | 2 1/2             | 10         | 08   |



### Surge Guard™ Elbow 90°

| Part No | Nominal Size (in) | Carton Qty | Code |
|---------|-------------------|------------|------|
| 306-020 | 2                 | 25         | 08   |
| 306-025 | 2 1/2             | 10         | 08   |



### Surge Guard™ Reducing Elbow 90°

| Part No  | Nominal Size (in) | Carton Qty | Code |
|----------|-------------------|------------|------|
| 306-249  | 2 x 1             | 25         | 08   |
| 306-250  | 2 x 1 1/4         | 25         | 08   |
| 306-251  | 2 x 1 1/2         | 25         | 08   |
| 306-289* | 2 1/2 x 1         | 5          | 08   |
| 306-290* | 2 1/2 x 1 1/4     | 5          | 08   |
| 306-291* | 2 1/2 x 1 1/2     | 5          | 08   |
| 306-292* | 2 1/2 x 2         | 5          | 08   |

\* Indicates fabricated fitting

Our Patented LASCO Surge Guard Fittings were designed to be the strongest and most forgiving PVC Golf Course Fittings we have ever produced.

We now have third party testing results to verify:  
The LASCO Surge Guard Tees are 10X Stronger than Sch 80 Tees.

Based on repeat high stress failure testing from:  
The Center for Irrigation Technology (CIT)  
at Fresno State University.

**FRESNO STATE**  
Center for Irrigation Technology



Test Report

## 2" & 3" Sports Field Swing Joints

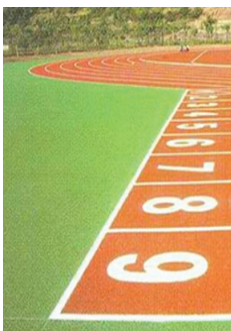


2" and 3" Swing Joints for Sports Field applications:  
These large swing joints are designed for use with large sprinklers for artificial and natural turf applications, such as Horse Tracks, Polo, Soccer, and Football Fields. These ACME Swing Joints have the same flexibility as the smaller LASCO Swing Joints, but have been designed to handle the large volume of water used by large radius sideline sprinklers.

- Available in various lengths and connections
- Schedule 80 pipe for extra strength
- BSPT Inlet and Outlet options
- Designed for use with either bottom inlet or side inlet sprinklers
- Proven ACME threads for durability and flexibility



More Info



# LASCO SPORTS FIELD SWING JOINTS

First Digit

G

Step  
1

Step  
2

Step  
3

-

Step  
4

Step  
5

Step  
5

Base Part Number

## Step 1 - Specify a Body Diameter by Number

| Second Digit | Diameter Size |
|--------------|---------------|
| 4            | 2"            |
| 5            | 3"            |

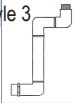
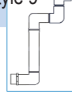
## Step 2 - Specify an Inlet by Number

| Third Digit | Inlet Size            |
|-------------|-----------------------|
| 1           | Socket                |
| 2           | Spigot (Short)        |
| 3           | Male Thread (MIPT)    |
| 4           | Male ACME             |
| 6           | Male BSPT             |
| 7           | Long Spigot (4" Long) |

## Step 3 - Specify an Outlet by Number

| Fourth Digit | Outlet Style                                                               |
|--------------|----------------------------------------------------------------------------|
| 1            | Socket                                                                     |
| 2            | MIPT                                                                       |
| 5            | Male BSPT                                                                  |
| 7            | Reducing MIPT (2" Reduces to 1½")<br>(3" Reduces to 2½")                   |
| D            | Reducing Male BSPT (2" Reduces to 1½" White Outlet)<br>(3" Reduces to 2½") |
| E            | Special Reducing Male BSPT (3" Reduces to 2")                              |

## Step 4 - Specify Swing Joint Style

| Fifth Digit | Swing Joint Style                               | Style 3                                                                               | Style 9                                                                               |
|-------------|-------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 3           | Standard Factory Fabricated                     |  |  |
| 9           | Special Factory Fabricated for Side Inlet Rotor |                                                                                       |                                                                                       |

## Step 5 - Specify Lay Length by Number

| Last 2 Digits | Lay Length |
|---------------|------------|
| 12            | 12"        |
| 18            | 18"        |

## More Great Products from LASCO

Elkhart Products  
Corporation



LASCO now offers a full line of EPC Wrot Copper and TecTite™ fittings for all your irrigation needs. For more information see your LASCO representative or visit us online.



LASCO now offers Apollo Bronze Gate, Ball and Check Valves, as well as, water pressure reducing valves and Backflow Preventers. For more information see your LASCO representative or visit us online.



Check out our line of Colonial Thermoplastic valves. For over 50 years, thermoplastic valves have been growing in acceptance as an effective choice over metal valves in many applications. The advantages include being dielectric, so they do not support an electric charge; immune to microbiological-influenced corrosion that leads to rust and lower thermal conductivity than metal valves, minimizing heat loss or gain. Please refer to LASCO's Colonial Valve catalog for a variety of valves



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## Limited Warranty

LASCO Fittings, Inc. products are warranted to be free from manufacturing defects in materials and workmanship. They are warranted against rot, rust, and electrolytic corrosion for a period of five years from date of installation. If LASCO products prove defective due to manufacturing defects in material or workmanship during that period, the manufacturer will provide new replacement units of the same type and size. No remedy will be granted under this warranty if LASCO products are not used strictly in accordance with LASCO's directions with respect to use and storage or if the products have been modified in any way. THE MANUFACTURER'S LIABILITY UNDER EXPRESSED OR IMPLIED WARRANTY OR FOR ANY REASON IS LIMITED TO FURNISHING REPLACEMENT UNITS OR GRANTING A CREDIT FOR DEFECTIVE UNITS. NO LABOR EXPENSE OR CONSEQUENTIAL DAMAGES WILL BE PAID BY LASCO. THIS WARRANTY IS IN LIEU OF ALL OTHER GUARANTEES AND WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANT ABILITY AND FITNESS FOR PURPOSE, EXCEPT FOR ANY WARRANTIES IMPLIED BY LAW FOR NON COMMERCIAL CONSUMERS. ANY SUCH WARRANTIES ARE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY.

DO NOT USE LASCO FITTINGS FOR COMPRESSED AIR OR GASES.  
DO NOT TEST PVC PIPING SYSTEMS WITH COMPRESSED AIR OR GASES.  
DO NOT USE FITTINGS WITH LIQUIDS NOT RECOMMENDED BY LASCO.  
MODIFICATIONS OF FITTINGS VOIDS THE WARRANTY.

## Standard Terms and Conditions of Sale

1. Terms: 2% 35 days, net 45 days.
2. Freight: FOB LASCO warehouses. Prepaid on orders for products only totaling \$1500 net for one shipment to single destination within the contiguous United States.
3. Minimum Order: \$100 net. Smaller orders billed at this minimum charge.
4. Claims for shipping errors must be made within 15 days to LASCO. Claims for damage or shortages should be directed promptly to the common carrier by the consignee.
5. Returns will be accepted only by prior authorization and if shipped freight prepaid. Returned merchandise subject to a 25% handling/restocking charge.
6. Pricing is subject to change without prior notice. However, prior notification will be given in the event of price changes in the period between order placement and scheduled shipment.
7. Offer to sell is not implied by possession of this or other LASCO price lists.

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