

TORO

Count on it.

Swing Joints

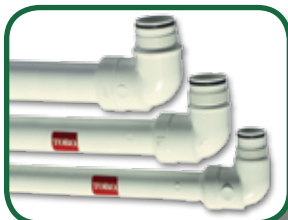
SPRINKLER ACCESSORIES

Swing joints ensure the sprinklers are positioned properly to provide optimum nozzle performance. Toro offers a full line of swing joints that cover all Golf sprinkler thread types, quick couplers and 2" service tees for PVC and HDPE piping applications.



Water Management Highlight

Swing joints provide the flexibility to align the sprinkler to proper grade and level positioning to ensure optimum water use through maximum nozzle distribution uniformity.



Features & Benefits

LOW FRICTION LOSS OVER A WIDE RANGE OF FLOW CAPABILITIES

1", 1 1/4" and 1 1/2" models are available to cover flows exceeding 80 gpm, and minimize friction loss to ensure optimum pressure is available at each sprinkler.



STANDARD 2X90 AND ULTRA 4X90 OUTLET CONFIGURATIONS

Two outlet styles are available. The standard 2x90 models provide two 90's at the outlet for alignment in two directions and the Ultra 4x90 models provide four 90's at the outlet for maximum alignment flexibility in four directions.



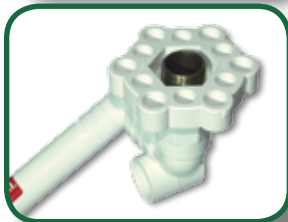
DURABILITY AND RELIABILITY

Toro swing joints are constructed from schedule 80 PVC for durability and provide double o-ring seals on all swing fittings to ensure a lifetime of reliability and leak free performance.



SADDLE AND GLUE TEE MODELS 2" SERVICE TEE W/ 1", 1 1/4" OR 1 1/2" OUTLET

Two swing joint types are available with 2" service tees included; glue tees for PVC piping applications and saddle tees for HDPE piping applications. Both tee styles are available with 1", 1 1/4" and 1 1/2" double o-ring sealing outlets.

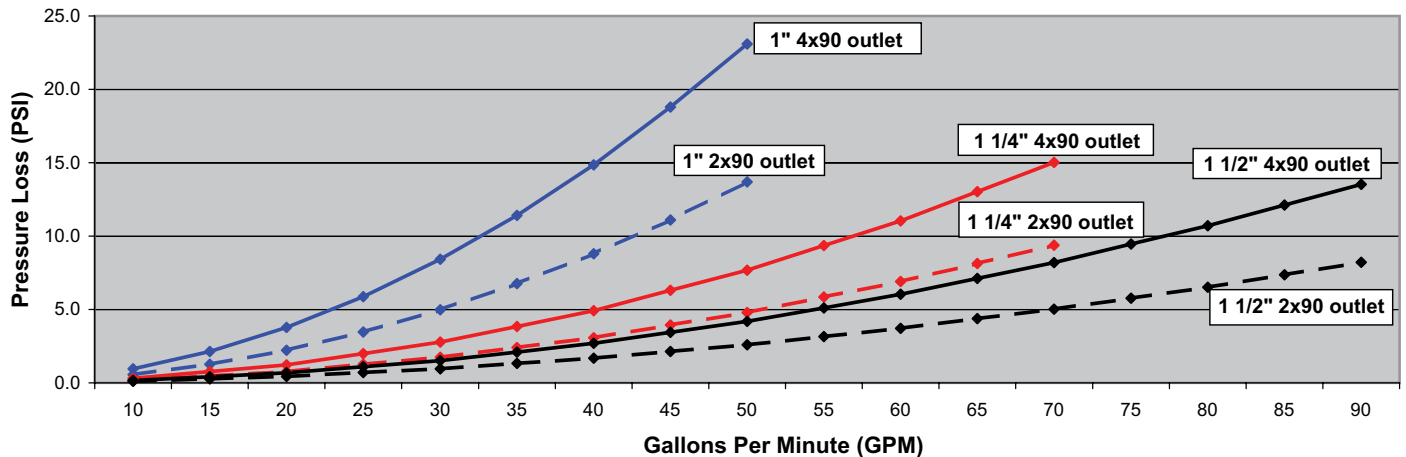


QUICK COUPLER MODELS W/ DURA-LOCK ANTI-ROTATION AND STABILIZER FEATURE

All swing joint styles are available with a quick coupler outlet that includes both an anti-rotation and position stabilizing feature to ensure the quick coupling valve stays secure during key installation and removal.

Swing Joint Friction Loss

Independently tested at the Center for Irrigation Technology (CIT)



Additional Features

- Schedule 80 PVC construction
- Double o-ring swivel joints
- Low friction loss characteristics
- 315 psi pressure rating
- 800 psi burst pressure safety rating
- 1", 1 1/4" and 1 1/2" models
- Standard models with 2X90 outlet configuration
- Ultra models with 4X90 outlet for maximum alignment flexibility
- 3 inlet fittings styles; ACME, male thread and 4" spigot
- 2 outlet fitting styles; ACME and male thread
- 12" and 18" lay lengths
- Saddle Tee models; 2" tee w/ 1", 1 1/4" or 1 1/2" outlet
- Glue Tee models; 2" tee w/ 1", 1 1/4" or 1 1/2" outlet
- Quick coupler models w/ Dura-lock anti-rotation feature
- Compatible with all brands of service and saddle tees

Warranty

- Five years
- Toro Golf sprinkler warranty extended to 5 years when purchased and installed with a Toro Swing Joint.



1 1/4" Female ACME x 1" Male ACME Adapter

Allows you to upgrade existing Rain Bird® Eagle 700 1 1/4" sprinklers to any Toro 800S or DT Series Sprinkler.

P/N TA36-132—1 1/4" Fem ACME x 1" Male ACME
 P/N TOA36-132—1 1/4" Fem IPT x 1" Male ACME

Toro Tool Tip:

Use a 1 1/4" hole saw for the 1" Saddle Tee.

Use a 1 1/2" hole saw for the 1 1/4" and 1 1/2" Saddles.



www.toro.com

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Specifications subject to change without notice. For more information, contact your local Toro distributor.

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Specifying Information—Toro Swing Joint

TSJ-XXXX-XX-X-XXX						
Description	Size	Inlet Type	Length	Number of Elbows	Outlet Size	Outlet Type
TSJ	XX	XX	XX	X	XX	X
TSJ—Toro Swing Joint	10—1" 12—1.25" 15—1.5"	M—MIPT (Male Pipe Thread) S—4" Spigot A—ACME thread GT—2" Glue Tee GE—2" Glue Elbow ST—2" Saddle Tee	12—12" Lay Length 18—18" Lay Length	3—Standard Unibody 4—Standard Unibody for Saddle Tees 5—Ultra Unibody 6—Ultra Unibody for Saddle Tees	10—1" 15—1 1/2"	M—MPT (Male pipe thread) A—ACME thread QC—Quick Coupler

Example: A Toro 1 1/4" Swing Joint with an 1 1/4" ACME inlet, 12" lay length, 3 elbows (standard uni-body) and 1" ACME outlet fitting would be specified as: TSJ-12A-12-3-10A