



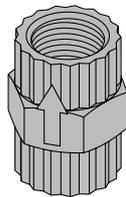
The proper way to connect sprinklers to solid-set riser pipes

Netafim™ sprinklers are widely used with solid-set water distribution systems in open field and orchard irrigation applications. However, they cannot be connected in any all manner.

Netafim™ offers a comprehensive range of sockets and reducer couplings dedicated to the proper connection of sprinklers to solid-set riser pipes (PVC or other rigid pipes). Usage of these accessories ensures appropriate, safe operation and longevity of the sprinklers.

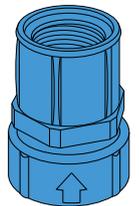
SOCKETS

For installation of sprinklers on solid set riser pipes of the same thread size.



DUAL-THREAD REDUCER COUPLINGS

For installation of sprinklers on solid set riser pipes of larger thread sizes. Each dual-thread reducer coupling can accommodate a 3/4" or a 1" riser pipe.



Description	Height	Catalog number
1/2" female - 1/2" female	4.5 cm	65080-004500
3/4" female - 3/4" female	4.5 cm	65080-004700

Description	Height	Catalog number
3/4" / 1" female - 3/4" female	5.8 cm	60101-000500
3/4" / 1" female - 1/2" female	5.8 cm	60101-000501

VARIOUS INSTALLATION OPTIONS

Among them:

Sprinkler	GyroNet™ Turbo		MegaNet™		D-Net 8550™		D-Net 9575™	
Sprinkler thread diameter	1/2"		1/2"		1/2"		3/4"	
Riser pipe diameter	1/2"	3/4"	1/2"	3/4"	1/2"	3/4"	3/4"	1"
Connector	Socket 1/2" - 1/2" female threads	Reducer coupling 3/4" - 1/2" female threads	Socket 1/2" - 1/2" female threads	Reducer coupling 3/4" - 1/2" female threads	Socket 1/2" - 1/2" female threads	Reducer coupling 3/4" - 1/2" female threads	Socket 3/4" - 3/4" female threads	Reducer coupling 1" - 3/4" female threads
Assembly illustration								



INSTALLATION

Introduction



CAUTION

Assembly must be done gently. Do not overtighten or use excessive force.



ATTENTION

- To assure balance and proper operation of the solid set stand and sprinkler assembly, make sure that the distribution pipe is placed in the soil at a depth that assures the stability of the riser pipe according to its height and rigidity.
- To obtain the best distribution uniformity, make sure the riser pipe is vertical.



ATTENTION

Wherever the instruction "apply Teflon tape" appears in the installation instructions below, wind 3 layers of Teflon tape onto the thread to prevent leakage.

Safety

All local safety regulations must be applied when installing, operating, maintaining and troubleshooting the Netafim™ sprinkler irrigation system and its components.



WARNING

In an agricultural environment - always wear protective footwear.

Tools required

- 2 adjustable wrenches

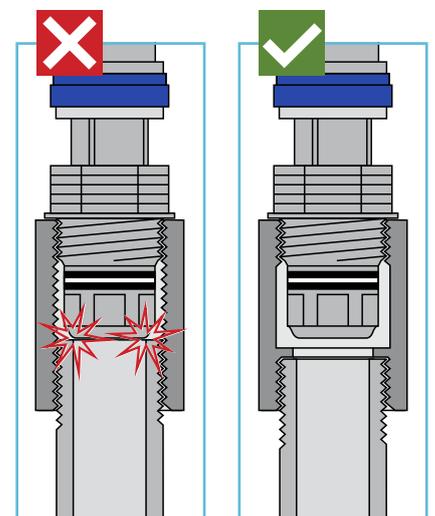
Installation of a sprinkler on a solid set riser pipe of the same thread size



ATTENTION

When installing a Netafim™ impact hammer sprinkler (such as D-Net™) on a solid set riser pipe of the same thread size, make sure to allow clearance for the free rotation of the axel bottom nut. If sufficient clearance is not allowed and the axel bottom nut comes in contact with any internal part of the piping, the sprinkler will not rotate.

Always use a Netafim™ dedicated socket specially designed to allow the required clearance.

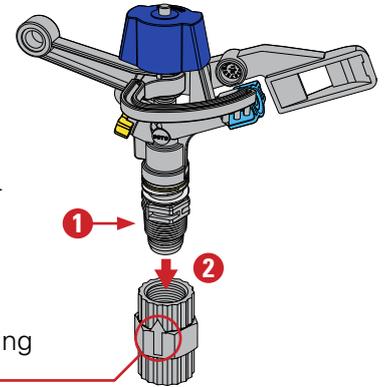




Perform the following 2 steps in the tool shed before installation in the field.

Sprinkler-socket assembly preparation

1. Apply Teflon tape to the sprinkler's thread.
2. Screw the sprinkler to the socket using an adjustable wrench for the sprinkler and another adjustable wrench to keep the socket from rotating.

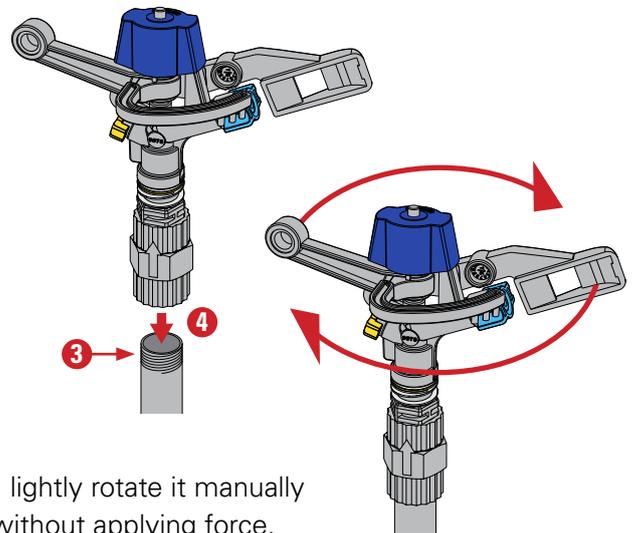


ATTENTION

Make sure the socket is connected to the sprinkler with the arrow pointing towards the sprinkler (up).

Installation in the field

3. Apply Teflon tape to the thread of the riser pipe.
4. Screw the sprinkler-socket assembly to the top of the riser pipe using an adjustable wrench.



ATTENTION

Check the impact hammer sprinkler free rotation

After installing a Netafim™ impact hammer sprinkler, lightly rotate it manually (with one finger). The sprinkler should rotate easily without applying force.

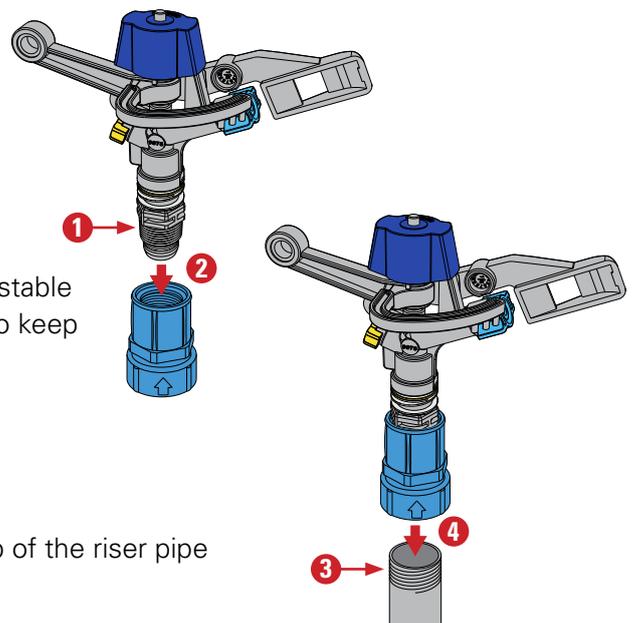
Installation of a sprinkler on a solid set riser pipe of a larger thread size

Use a Netafim™ dedicated reducer coupling.

Perform the following 2 steps in the tool shed before installation in the field.

Sprinkler-reducer coupling assembly preparation

1. Apply Teflon tape to the sprinkler's thread.
2. Screw the sprinkler to the reducer coupling using an adjustable wrench for the sprinkler and another adjustable wrench to keep the reducer coupling from rotating.



Installation in the field

3. Apply Teflon tape to the thread of the riser pipe.
4. Screw the sprinkler-reducer coupling assembly to the top of the riser pipe using an adjustable wrench.