



INSTALLATION & OPERATION GUIDE

Please the installation guide before use

1. Product Overview

The SS Hdpe Nipple CNC Threading series provides a threaded connection for compatible HDPE pipe and fitting assemblies used in irrigation and water-delivery systems.

2. Before Installation

- Confirm the nipple size and thread compatibility with the mating pipe or fitting.
- Isolate the water supply before assembly.
- Clean all mating threads and remove dirt, mud, and debris.
- Inspect threads and connection components for damage.
- Where HDPE pipe preparation is required, cut the pipe square and remove burrs.

3. Installation Procedure

1. Prepare the mating components and arrange any connection parts in the correct order.
2. Apply a suitable thread-sealing material compatible with the system.
3. Engage the threads by hand first to prevent cross-threading.
4. Tighten carefully using an appropriate tool if required.
5. Do not over-tighten or force a misaligned connection.
6. Ensure the completed assembly is properly aligned and supported.

4. Commissioning

Gradually pressurise the system and inspect the connection for leakage, movement or misalignment. If leakage occurs, isolate the line and correct the cause before returning the system to service.

5. Troubleshooting

Leakage: verify thread alignment, sealing material, pipe/fitting compatibility, and tightening. Difficult threading: stop and verify size, thread compatibility, and alignment; do not force the connection. Loose connection: isolate the line and inspect for incomplete engagement or damaged components.

6. Maintenance

Periodically inspect accessible connections for leakage, movement, thread damage, or deterioration. Replace damaged components rather than forcing a faulty connection into service.

7. Safety

Never install, adjust, or dismantle a connection while the line is pressurized. Use suitable tools and follow the requirements of the complete irrigation or water-delivery system. Do not assume a pressure rating unless it is specifically stated for the complete compatible assembly.

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