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Instruction Manual for Metal SSXP Series Spray Nozzles

Spray nozzles can be easily damaged. Please follow the steps below for installation.



Wear safety gloves.

CAUTION Screw threads, edges and corners may be sharp and could cause injury.

I. Installation Instructions

- 1. Be sure to flush the pipes before installing the nozzle to remove any dirt and foreign matter.
- 2. Apply sealant or sealing tape to the nozzle or pipe threads.
- 3. Pay attention to the spray direction when installing the nozzle. The SSXP series produces a square spray pattern, which is oriented 30 degrees off from the direction of the grid-shaped groove at the nozzle tip, as shown in Fig. 1. The square spray pattern is parallel to the wrench flat or the hexagonal face engraved with "いけうち" (IKEUCHI). To align one side of the square spray pattern parallel to the front:
 - For nozzles with a wrench flat, face the flat forward.
 - For nozzles with a hexagonal section, face the hexagonal side engraved with "いけうち" (IKEUCHI) forward.
- 4. First hand-tighten the nozzle and then use a tool to finish tightening it with the recommended torques shown in Table 1.
- 5. Do not apply any shock or strong force to the nozzle.

II. Handling Instructions

- 1. Check the nozzle orifice regularly for clogging.
- 2. If the nozzle is clogged, remove it from the pipe and clean out the clog with a soft brush.
- 3. Do not attempt to clean the nozzle tip/orifice with nails, pins or other hard objects. This will damage the nozzle.



Fig. 1 Square spray pattern orientation

Note: Shape may vary depending on the nozzle model.

Table 1. Tightening Torques

Thread size	Tightening torque (N•m)
1/8	8
1/4	15
3/8	20
1/2	40
3/4	60
1	100
1*1/2	150
2	200
2*1/2	250
3	300