

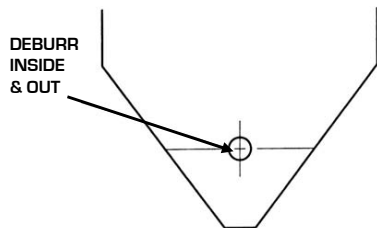
INSTALLATION INSTRUCTIONS

Silo Fluidizer Installation:

1. Drill appropriate size hole (see table) in silo wall.

Fluidizer	Hole Size - Diameter
43XX	7/8" (22mm)
44XX	1- 1/16" (27mm)
45XX	1- 3/8" (35mm)
48XX	1/2" (13mm)

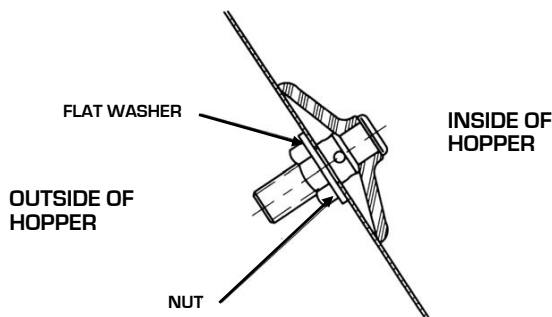
2. Deburr inside and outside of hole. If not deburred, damage to O-ring will occur. Make sure the area where the Fluidizer will be mounted is free of debris or defects (dents, caked material, weld seams, etc).



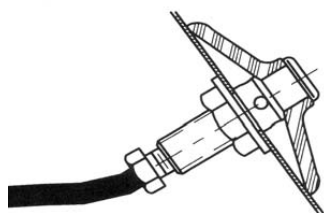
3. From the inside of the silo, have one person insert disk and stem assembly into the hole.

4. From the outside of the silo, have a second person put the flat washer and nut onto the stem.

5. Torque nut to approximately 25 ft. lbs (35 N m). 20 ft. lbs (27 N m) for the 48XX series.

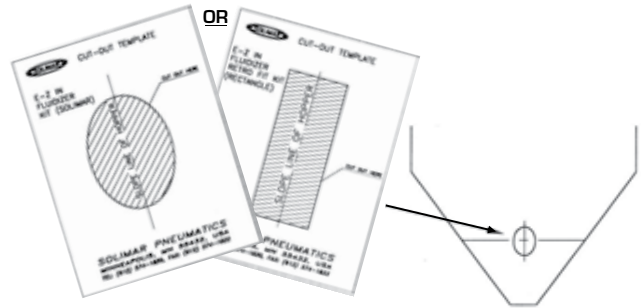


6. Attach air supply line to the stem.



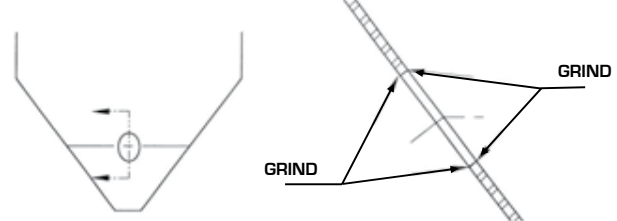
E-Z In Installation:

1. Using one of the cut out templates provided by Solimar, trace the pattern on the hopper. On conical hoppers make sure the mounting diameter at the center of the plate is greater than 24". Diameters of 24"-36" will require a curved plate when using the oval kit.

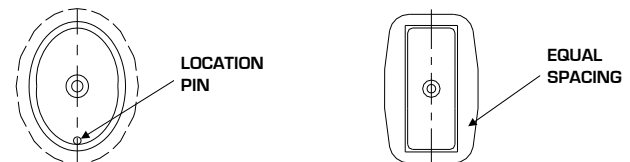


2. Flame cut traced pattern with cutting torch or other means.

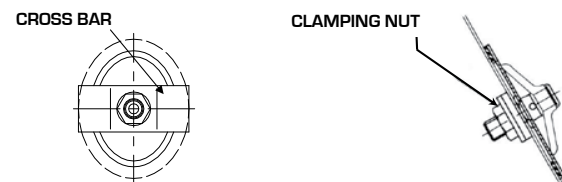
3. Grind all surfaces of the cut opening – the inside of the hopper wall must be smooth and free of any burrs or slag.



4. Attach the Fluidizer assembly to the plate using the washer and thinner mounting nut. Insert Solimar E-Z In plate with Fluidizer assembly, making sure the location pin on the oval kits is resting at the bottom of the opening. On rectangle kits, make sure the plate is centered with equal spacing around the opening.

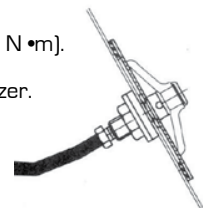


5. On the outside of the hopper, attach cross bar to the Fluidizer plate assembly with the washer and clamping nut.



6. Torque clamping nut to 20 ft. lbs (27 N •m).

7. Attach the air supply line to the Fluidizer.



Fast-Fit™ Installation:

1. 4300 Series- Drill a 2" (50mm) hole at the Fluidizer mounting location. Mini Fluidizer- Drill a 1 1/8" (29mm) hole at the Fluidizer mounting location.
2. De-burr the inside and outside of hole.
3. Thread the Fluidizer (4300 Series) onto the retaining cable or long 1/4" NPT pipe stub and tighten to finger tightness only. (For Mini Fluidizer use 1/8" pipestub.)



4. Fold & Insert the Fluidizer Disk into the installation hole.



5. Install Fast-Fit™ alignment plate onto the retaining cable (or pipe) and into the bin with the shoulder positioned outward. Center the alignment plate in the mounting hole, aligning it in the vertical position with the arrow pointing upwards.



6. While continuing to hold retaining cable, slide the Fast-Fit™ sealing washer and the Fluidizer washer over the retaining cable and onto the stem. Next slide the nut over the retaining cable and thread it onto the stem.



7. Tighten to the specified fluidizer torque of 25 ft. lbs (35 Nm) and remove the retaining cable.