Quick Sheet Instructions

BELLED 740 STEEL TUBE INSTALLATION

4.25" (108mm) 740 FLEXIBLE AUGER FILL SYSTEMS WITH BELLED STEEL TUBES :

When belled steel tubes are used with the 4.25" flexible auger system, a combination of couplers are needed. This sheet shows the where each coupler should be installed.

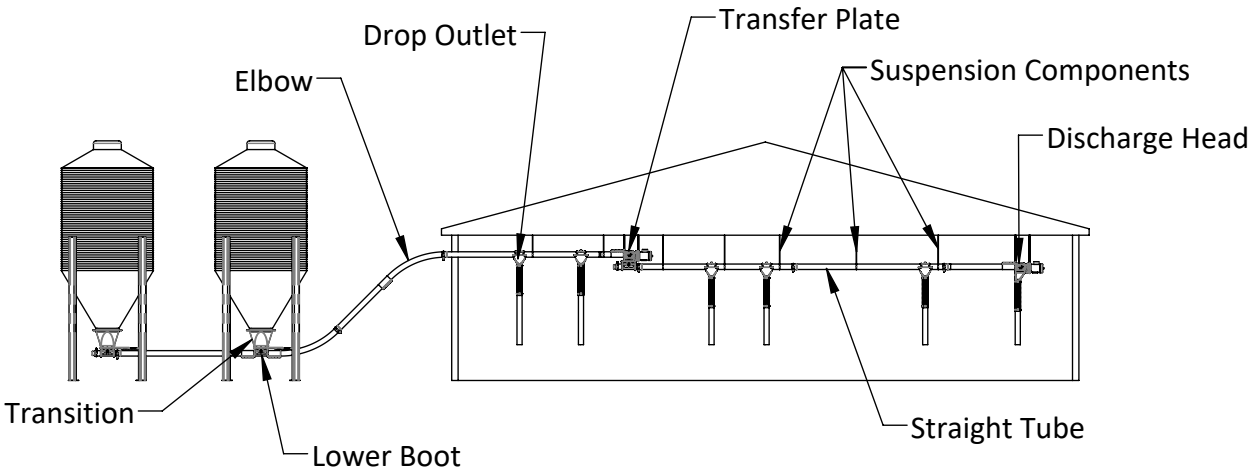


Figure 1: System overview

1. The image below shows the clamps used to help couple the tubes. The 740459 clamp is used on the belled ends of the tubes, the 740469 coupler is used in the cases where there is not a bell.

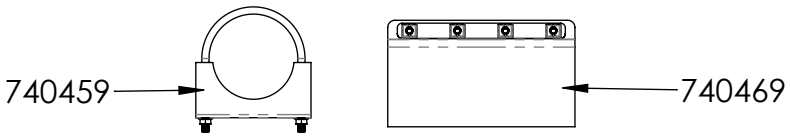


Figure 2: Couplers

2. When belled tubes are used, install them so that feed feed flows into the belled joint as shown in the image below.

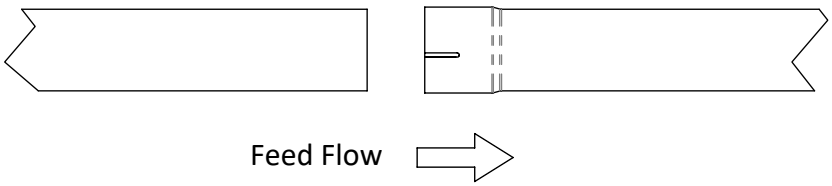


Figure 3: Belled tube assembly

OVER

3. The type of coupler used will depend on which pieces are being connected. The images below show the which couplers are used in the different cases.

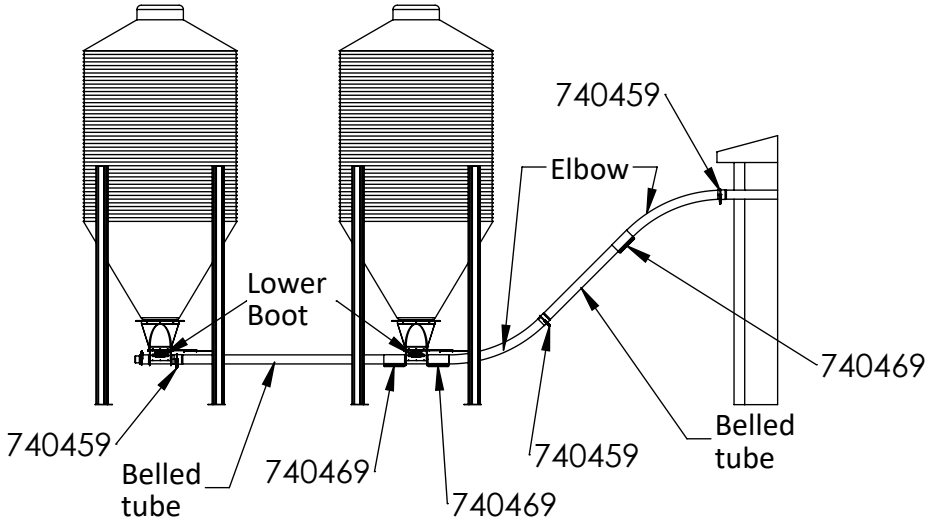


Figure 4: Required couplers outside of building

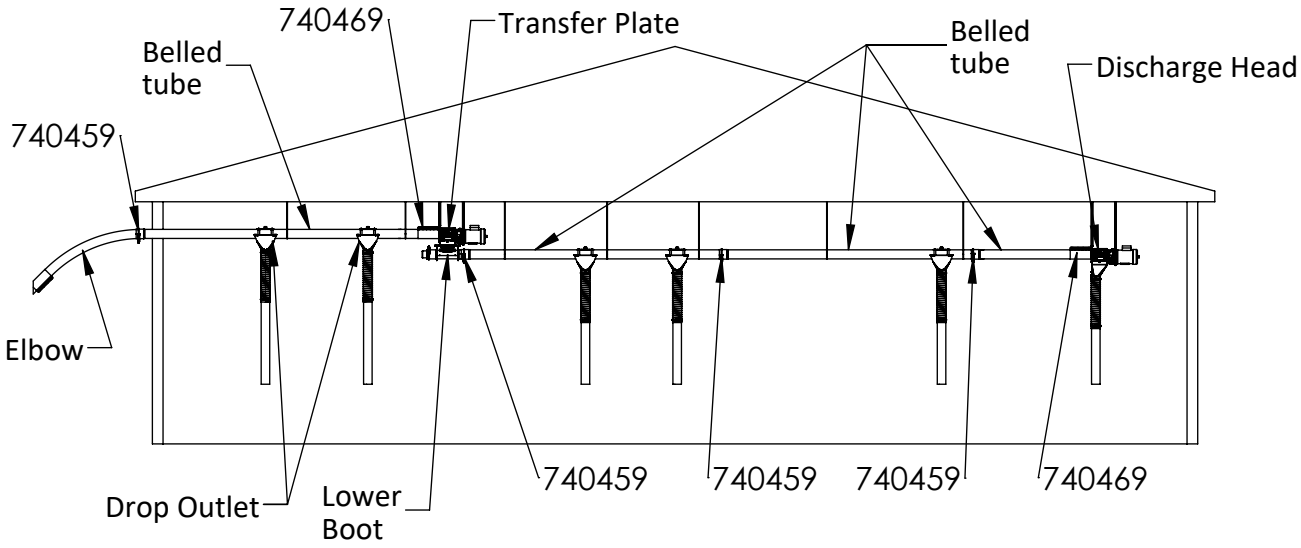


Figure 5: Required couplers inside of building

For quoting purposes:

- Order 1 tube clamp (740459) per belled tube (740443)

OR

- Order 1 tube coupler (740469) per straight tube (740482)

AND

- Order 1 tube coupler (740469) per elbow (740494)
- Order 1 tube coupler (740469) per single pass thru boot (740526, 740527, or 740531)
- Order 2 tube couplers (740469) per double pass thru boot (740528, 740529, 740530, 740532, or 740533)
- Order 1 tube coupler (740469) per discharge head (740466, 740521, 740522, 740524, or 740525)

Note:

- When a transfer plate is used, a pass thru boot and a discharge head are needed but only 1 additional tube coupler (740469) is needed.
- When striaght steel tubes (740482) are used, the same total number of couplers are needed, but 740469 should be used at every joint.