Safety alert
Loose dryer manhole covers may cause personnel injuries or equipment damage. Older Beloit dryers use a flat washer and standard hex nut to hold the crab plates. Over time the nuts will loosen and fall off. It is critical to use the correct locknuts and make sure they are installed properly.

Locknut recommendation
Valmet has selected a new type of locknut, the Security Locknut, for dryer manhole covers. The Security Locknut is recommended because it can be reused, and unlike the split locknut which Beloit used to supply, the Security Locknut does not require any adjustment. This feature reduces the potential of injuries or damage caused by improper adjustment of the locknut.

Procedure for installing a Security Locknut
1. Examine the nut and insert to make sure the threads are in good condition.
2. Coat the stud and the mating face of the locknut with an approved lubricant and install the locknut. (Recommended lubricant is C-5A Copper Based Anti-Seize 1 lb, 51007.)
3. Use a properly calibrated torque wrench and take care not to damage the studs when installing manhole covers or nuts. Torque the nut according to the specifications shown in the accompanying table.
4. Warm the dryers following the controlled dryer warm-up procedure.
5. Re-torque the nut one to three hours after the dryer is warmed up.

The dryer must be depressurized prior to the removal of the manhole cover.

Valmet supplies the Security Locknuts for all new installations. The Security Locknut, which replaces the split locknut, will be furnished when locknuts are ordered.

If you have any questions or concerns regarding the Security Locknut, please contact your Valmet representative.

Security Locknut torque specifications.