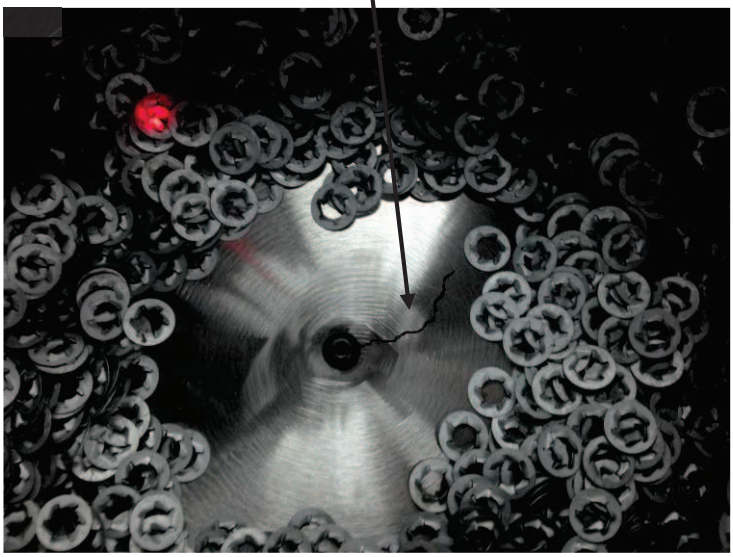
DECREASE IN FEED RATE

CRACK IN THE FEEDER BOWL

A crack in the feeder bowl can cause performance issues to feed rate in the system. The most common area to check for cracks would be in the outer band of the bowl where it is clamped to the cross arm members (toe clamps). The second place where a fracture could occur is around the centre bolt, inside bottom of the bowl. The stainless steel feeder bowls must be properly T.I.G. welded using the correct filler material (308L).



MOUNTING FEET

The rubber mounting feet that are fastened to the bottom of the drive unit isolate vibration to the feeder bowl in order to achieve efficient part movement. These isolation characteristics can degrade as a result of change in the rubber over time and use. The rubber can become hard, dense and brittle with age, or may become too soft and malleable if exposed to certain oils or coolants. All of the rubber feet should be replaced at the same time with the appropriate matching thicknesses. The feet are fastened to the under side of the drive unit plate with a single socket head cap screw.