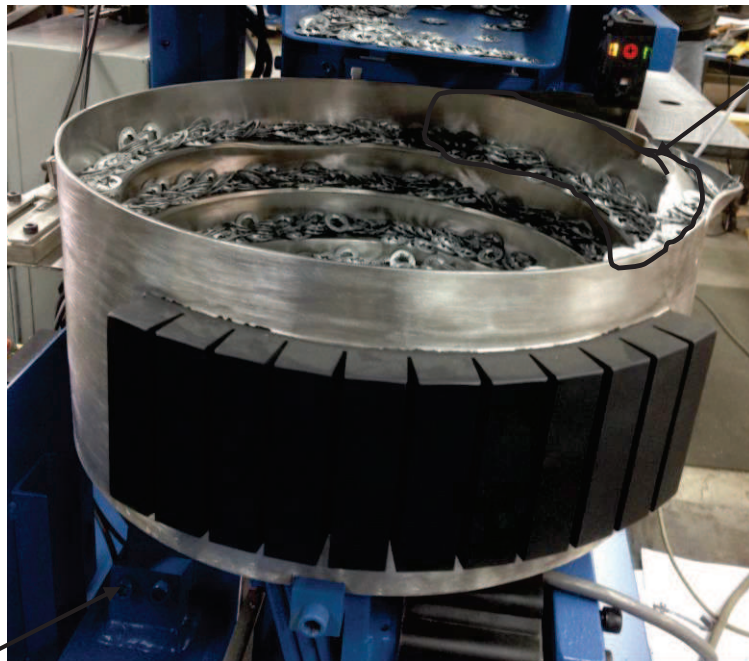


DEAD SPOTS

A “dead spot” is an area of the feeder bowl that prohibits part movement due to a lack of proper vibration. Dead spots are usually an indication of loose or broken fasteners, fatigued springs or cracked welds. To diagnose the source of a dead spot, check for damaged or compromised components such as springs and fasteners. These flaws can commonly be located directly across (180°) from the dead spot. To eliminate the dead spot, it may be necessary to tighten hardware or replace broken parts or preform a weld repair on a crack or fracture.



DEAD SPOT AREA

POSSIBLE BROKEN SPRING OR LOOSE FASTENER