Crusher bowel Crack repair

10” long by 6” thick
Crack extended through the outer flange

- Crack extends into the through bolt hole
Drilling the receiving patterns for L60 locks

- A portable Magnetic base drill is used to drill the large holes through the precision drill fixture
First set of drilled holes is completed
Second set of holes are drilled to complete the pattern
Finished pattern
Second set of patterns are completed
The crack is metal stitched using special right angle tooling.
Stitching pins are installed through the crack

- C3 Castmaster pins are used for strength
Smaller lock patterns are drilled

- Hand held drill fixtures are used for smaller locks
The crack on the bottom side is metal stitched
Metal stitching on the bottom side is completed.
The top side metal stitching is completed

- The crack is completely removed and replaced by interlocking and overlapping stitching pins with locks for extra strength.
Finished repair