

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



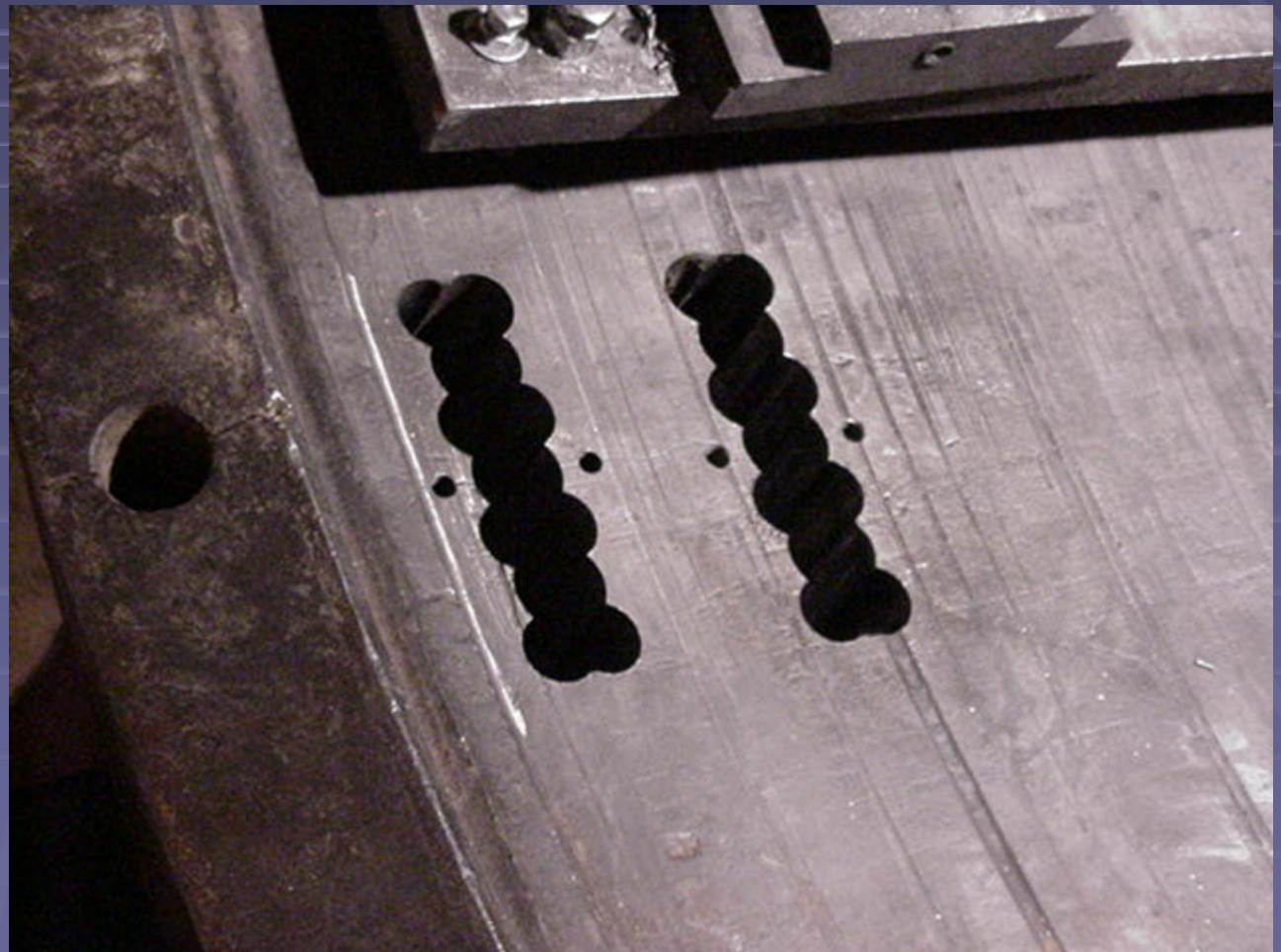
Second set of holes are drilled to complete the pattern



Finished pattern



Second set of patterns are completed



The crack is metal stitched using special right angle tooling



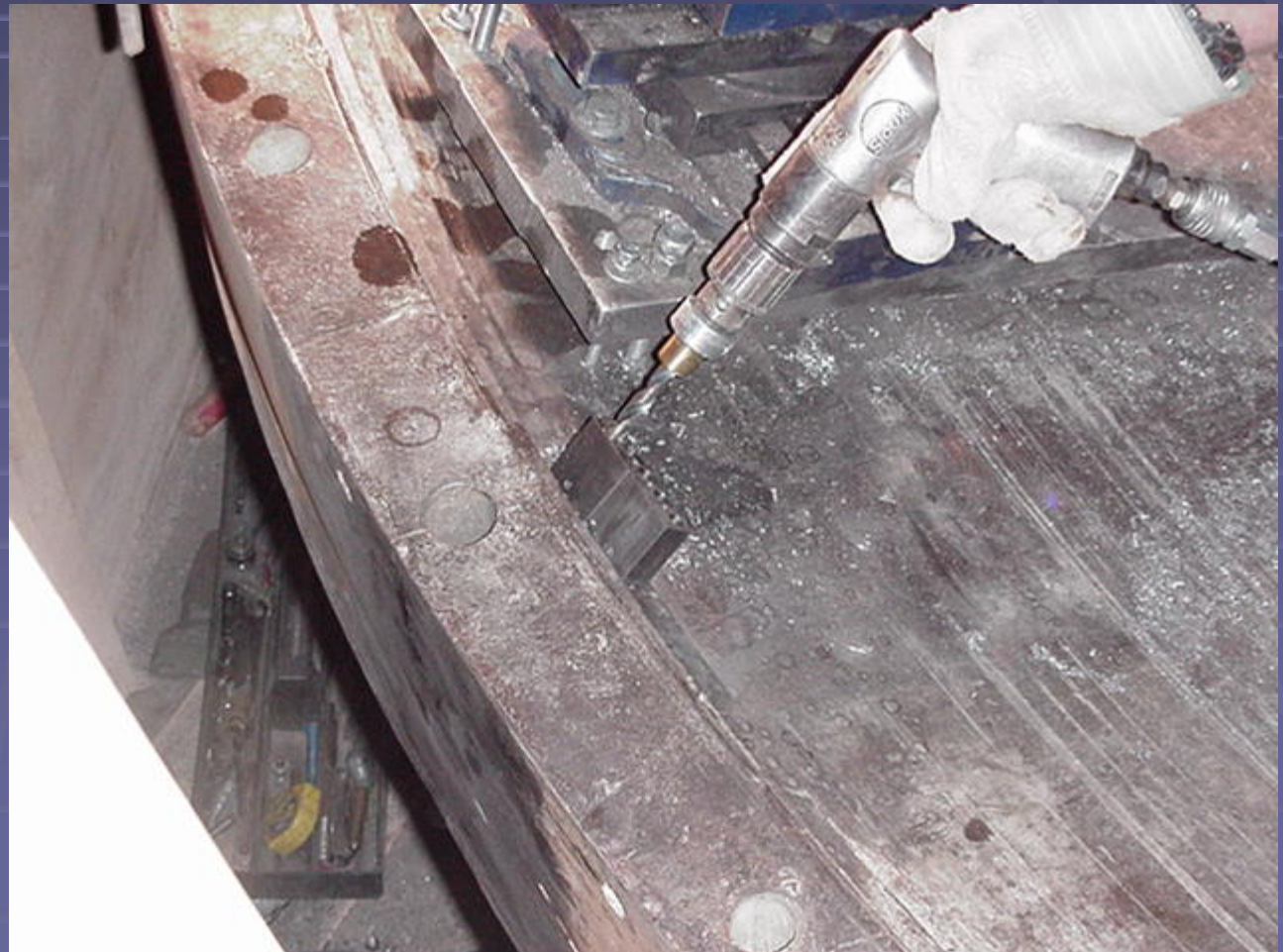
Stitching pins are installed through the crack

- 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

