



Rolling Mill Component Bore Repair

Electrical Discharge Machining
can recondition coupling roll end
components



Ameridrives offers an Electrical Discharge Machining (EDM) process that can recondition your coupling roll end bore to original specifications, at a much lower cost than a new coupling roll end component.

The EDM process can machine materials over 50 Rockwell with high precision. Reconditioned components consistently outlast components repaired using all other methods.

Standard Reconditioning Procedures Include:

- Incoming inspections
- Remove hardened surfaces
- Welding, including preheat, post-heat and heat treating
- Matching or exceeding original hardness up to 52 Rockwell
- Electrical discharge machining all work surfaces to original tolerances

Benefits:

- Long running service
- Reduced operating costs
- Reduced roll end wear
- Less maintenance downtime
- Coupling roll end components can be reconditioned to original specifications with the EDM process. Repaired components have proven to last longer than new components at a lower cost.