

HEAD-WASH REPAIR THERMITE WELDING (HWR)

The Railtech Head-Wash Repair Weld (HWR) is designed to efficiently remove defects from the ball of the rail with minimal disturbance to the track. The familiar mold design allows the welding crew to install the HWR Weld quickly and easily when a standard 1" weld is unnecessary. The HWR process uses the Wide-Gap Weld jackets, so no new welding hardware is required for this welding process.

First, a slight crown is placed in the rail directly under the weld area- providing support. Then, the ball of the rail is slotted to the appropriate depth and width with the Matweld Frog Grinder Modified HWR Kit. The molds are lined up and the weld is set in place with the same hardware and equipment as a Wide-Gap Weld.

The preheating process, crucible setup and hardware breakdown times are similar to the WGW process. After the demold, the weld top is sheared and the grinding process can begin.

flexible solutions for
your welding needs



- USES EXISTING HARDWARE
- FAST AND EASY INSTALLATION
- MINIMAL TRACK DISTURBANCE

