

# HAYNES<sup>®</sup> HR-235<sup>®</sup> alloy

## Weld Solidification Cracking Resistance

HAYNES<sup>®</sup> HR-235<sup>®</sup> alloy is resistant to weld solidification cracking, as measured by the VARESTRAINT weldability test. Materials with significant silicon contents, such as HR-160<sup>®</sup> alloy, are prone to this form of cracking, as a result of their wider melting ranges. Having a low silicon and aluminum content, HR-235<sup>®</sup> alloy is resistant to weld solidification and strain-age cracking. This is an improvement over other alloys intended for metal dusting resistance. It is also available as a filler wire with matching composition. For more information, visit our [Welding and Fabrication Brochure](#).

### Subscale Longitudinal VARESTRAINT Results

