



*Learn how our Material Support & Solutions team solved this customer material issue:*

## SHEAR-BREAK ISSUE



### THE PROBLEM:

The customer started experiencing stamping issues on the holes of chain link parts.



### THE ANALYSIS:

The Materials Support and Solutions team at Worthington were able to reveal that there was hardness variation between the coil ends and the coil body during initial analysis. Testing showed that the hardness variation was due to a different microstructure.



### THE SOLUTION:

The customer's stamping problem was alleviated by implementing cooling adjustments at the hot rolling mill to prevent the microstructural inconsistency that caused the hardness variations.

### THE ACTION:

*When you want to eliminate time intensive tooling adjustments to your chain stamped steel, contact the Materials Support & Solution team at Worthington.*

***CALL US AT 1-800-944-2255***

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