



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

NEW PRODUCT TOOLING ISSUE



THE PROBLEM:

The customer, who traditionally produced thin chain links, installed new presses in their manufacturing plant to stamp thinner links. Shortly afterward, the customer began experiencing worn tooling, breakage, and tool chipping.



THE ANALYSIS:

The Materials Support and Solutions team at Worthington investigated the problem, and determined that the strip hardness was too high. The customer's approach was to apply the previous thin material requirements of the thicker material.

"It is well known that *problem avoidance* is an important part of problem solving."

THE SOLUTION:

Trial runs of strip steel with reduced cold work were conducted. The reduced hardness increased the tool life, reduced downtime of the press, and stamped a better chain link surface.

THE ACTION:

When you are experiencing worn tooling and chipping, contact the Materials Support & Solution team at Worthington.

CALL US AT 1-800-944-2255

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