



# WORTHINGTON INDUSTRIES

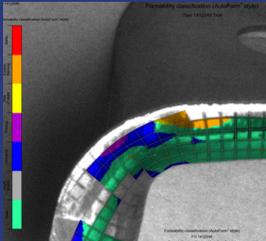
*Learn how our Material Support & Solutions team solved this customer material issue:*

## CRACKING



### THE PROBLEM:

Customer reported cracking at the stretched flange of part, resulting in material being rejected and more material being held.



### THE ANALYSIS:

Cracking means integrity of part is /could be compromised (further review showed “good” microstructure), so focus was on die adjustments. The formability tool (AutoGrid) was used to understand material flow.



### THE SOLUTION:

Our Metallurgists worked with the customer, to evaluate the analysis, the AutoGrid results guided die adjustments to the key areas, eliminating the cracking issue, resulting in all materials being processed.

### THE ACTION:

When your material is cracking or thinning during forming and the cause cannot quickly be determined, contact the Material Support & Solutions team at Worthington.

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

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