

ZAPP TOOLING ALLOYS, INC.

Z-TUFF PM CASE STUDY CONNECTOR TOOLING

ZAPP

TOOL TYPE

Connector Tooling

WORK MATERIAL

1008 Cold Rolled Steel .026" thickness

PROBLEM IDENTIFICATION

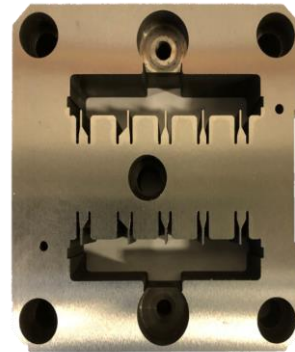
Breakage and chipping on small tabs located on the inside edge of the connector part. D2 at Rc 58-60 ran an average of 30,000 parts. CPM 3V ran an average of 60,000 parts at Rc 57-59.

SOLUTION

Z-Tuff PM at Rc 60-62.

RESULTS

Z-Tuff PM has run in excess of 150,000 parts and continues to produce parts at this time. Downtime on the press has been reduced by 70%.



TOOLING ALLOYS

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Further information regarding our products and locations are available in our image brochure and under www.zapp.com

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