

ZAPP TOOLING ALLOYS, INC.
Z-WEAR PM® CASE STUDY
COINING PUNCH APPLICATION

ZAPP

TOOL TYPE

Coin Punch

WORK MATERIAL

430 SS .031 thick

ORIGINAL TOOLING MATERIAL

AISI M2

PROBLEM IDENTIFICATION

AISI M2 chipped, cracked and/or fractured in this application. Customer attempted to improve performance by adjusting Rockwell C hardness with no improvements. Problem resulted in excess tooling costs, unscheduled down time and expedited freight charges.

SOLUTION

Z-Wear PM®

RESULTS

The Z-Wear PM® Coin punch extended tool life by 500% on average compared to AISI M2. The improved toughness of Z-Wear PM® eliminated chipping and breakage allowing the punch to wear. Downtime has decreased dramatically and shipments are on schedule!



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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Last revision: October 2017