ZAPP TOOLING ALLOYS, INC.
Z-WEAR PM® CASE STUDY
PROFILE INSERT COIN PROTECTOR

TOOL TYPE
Profile Insert with Coin Protector

WORK MATERIAL
1040 Cold Rolled Steel .134” thickness

PROBLEM IDENTIFICATION
The coin protectors continually broke inserts when using PM A11 at Rc 60-62. The life cycle of the inserts was between 5,000 and 10,000 hits before breaking causing excessive downtime.

SOLUTION
Z-Wear PM at Rc 62-64

RESULTS
The Z-Wear PM insert ran a total of 24,000 hits with no breakage. The insert experienced normal wear, was resharpened and put back into production. Z-Wear PM has the right combination of toughness, wear resistance and compressive strength to handle this application resulting in an average of 300% productivity improvement.

Z-Wear PM® is a registered trademark of Zapp Tooling Alloys

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

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