



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

ZAPP

**TOOL TYPE**

Slotting Punch

**WORK MATERIAL**

301 Stainless Strip at .030" thick

**ORIGINAL TOOLING MATERIAL**

D2 at RC 60-62

**PROBLEM IDENTIFICATION**

The D2 slotting punch experienced chipping which resulted in unscheduled down time.

**SOLUTION**

Z-Wear PM® heat treated to RC 60-62

**RESULTS**

The Z-Wear PM® Slotting Punch extended tool life approximately 250% compare to the D2. Some wear was noted but no chipping or breakage. Tooling is performing with much better consistency and downtime has been reduced.

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

**TOOLING ALLOYS**

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Further information regarding our products and locations are available in our image brochure and under [www.zapp.com](http://www.zapp.com)

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