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.

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