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

TOOL TYPE
Fineblanking Punch

WORK MATERIAL
20MnCr5+H (550MPa) 7mm thickness

PROBLEM IDENTIFICATION
Premature failure due to chipping and edge cracks. Previous material was D2 at Rc 60-62 with life cycle of 5,000 – 8,000 parts.

SOLUTION
Z-Wear PM at Rc 60-62

RESULTS
Z-Wear PM ran 20,000 – 25,000 parts with no chipping and normal wear. Productivity improved by 3-4 times because of the increased tool life.

TOOLING ALLOYS
Zapp Tooling Alloys Inc.
475 International Circle
Summerville, South Carolina 29483
Phone: 1 888 928 9927
1 843 871 2157
ztasales@zapp.com

Zapp Tooling Alloys Inc.
1528 St. Paul Avenue
Gurnee, Illinois 60031
Phone: 1 888 928 9927
1 843 871 2157
ztasales@zapp.com

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

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