



ZAPP TOOLING ALLOYS, INC.
Z-TUFF PM CASE STUDY BLANKING

ZAPP

TOOL TYPE

Blanking

WORK MATERIAL

HSLA (900 Mpa) .113" thickness

PROBLEM IDENTIFICATION

Chipping and Breakage

SOLUTION

Z-Tuff PM at Rc 58-60

RESULTS

Z-Tuff PM ran 17,500 strokes with no chipping resulting in lower downtime, higher productivity and reduced tooling costs. Previous material results were D2 (700 strokes), K340 (2,150 strokes), Vanadis 4E (2,340 strokes), Z-Wear PM (3,000 strokes) and Caldie (4,500 strokes).

Z-Tuff PM resulted in reduced downtime and increased productivity with reduced tooling costs.

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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