

ZAPP TOOLING ALLOYS, INC.

Z-TUFF PM CASE STUDY TRIM DIE

ZAPP

TOOL TYPE

Trim Die

WORK MATERIAL

HSLA (620 Mpa)

PROBLEM IDENTIFICATION

All previous tooling materials broke in application. The maximum production with other materials was 2,000 - 3,000 parts. Breakage was experienced with A2, D2, S7, Caldie, DC53 and Vanadis 4E.

SOLUTION

Z-Tuff PM at Rc 56-58.

RESULTS

Z-Tuff PM has provided 10X improvement running nearly 30,000 parts and even survived 2 double hits without breaking. Production improvements are impressive.



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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Last revision: September 2018