

Z-TUFF PM[®] 6-Area Trim Punch

TOOL TYPE

6-Area trim stamping punch

WORK MATERIAL

600 Dual-phase 1.5 mm thick

PROBLEM IDENTIFICATION

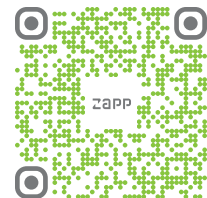
Severe chipping with previous grade, A2 at 58/60 HRc.
A-2 was able to produce 4k-8k hits before welding or regrind.

SOLUTION

Z-Tuff PM at 58/60 HRc

RESULTS

Z-Tuff PM was able to produce 102,000 hits. With the Z-Tuff PM having over 2.5x the toughness of A2 the customer was able to eliminate chipping and the need for weld/regrind work. The customer saved \$30k, 138 re-weld cycles and >500 man hours.



Zapp Tooling Alloys, Inc. (Sales office)
475 International Circle
Summerville, South Carolina 29483
Phone +1 (843) 871-2157
Toll-free +1 (888) 928-9927
ztasales@zapp.com, www.zapp.com

Zapp Tooling Alloys, Inc. (Production)
8100 100th Street
Pleasant Prairie, Wisconsin 53158

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

The illustrations, drawings, dimensional and weight data and other information included in this brochure are intended only for the purposes of describing our products and represent non-binding average values. They do not constitute quality data, nor can they be used as the basis for any guarantee of quality or durability. The applications presented serve only as illustrations and can be construed neither as quality data nor as a guarantee in relation to the suitability of the material. This cannot substitute for comprehensive consultation on the selection of our products and on their use in a specific application. The brochure is not subject to change control.

Last revision: October 2024