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### **DUAL-HEAD PUNCH OUTPERFORMS SINGLE-HEAD PUNCH—SIX TIMES BETTER, 65% SAVINGS IN PUNCH TOOL COSTS**

Cleveland, OH – November 28, 2005 – The Bing Group was able to increase output, reduce scrap, and reduce tool and maintenance expense with the use of the Dual-Head™ punch during a recent performance evaluation conducted at the company's metal fabrication facility in Detroit, Michigan. The Dual Head punch was designed and engineered to the standard tool's specifications by MOM Tools, LLC of Cleveland, Ohio and evaluated in a full-scale production setting.

The stamping process involved punching "D" slots in the camber adjustment plate from metal stock with a thickness of 5.13 mm (.202 inches) and very precise adherence to specifications, especially at the corners. The analysis performed by the Bing Group has found that incorporating the use of coatings on the punches used in this operation enabled them reach a level of 75,000 strikes before the tool's performance fell below acceptable tolerance levels and removal and replacement of the punch was required.

"The use of the Dual Head punch during this test was completely trouble-free!" stated the Manager of the Bing Group Tool and Die Department. "It's a beautiful thing."

The Dual-Head punch provides an order-of-magnitude improvement vs. a conventional (single-head) punch through benefits such as:

- Longer tool life
- Lower maintenance costs
- Reduced exposure to premature failures
- Increased productivity
- Reduced number of rejected parts

While all metal fabrication will realize these benefits, the Dual-Head punch is most advantageous in high-volume, high-precision applications.

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