

Z-WEAR PM™ Flange Punch | Gas Furnace Tooling

TOOL TYPE

Flange punch for tooling in a progressive die for gas furnace.

WORK MATERIAL

Aluminized 1018 cold-rolled steel at .034" thick

PROBLEM IDENTIFICATION

Previous tool steel used; D2 60/62 HRc ran for approx. 280,000 hits when tool would be replaced during preventative maintenance check. Was never able to be re-installed after the PM check due to excessive galling and wear.

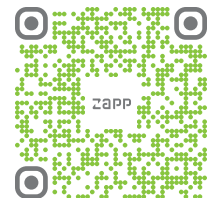
SOLUTION

Z-Wear PM at 60/62 HRc.

Tool was coated with the Omega Duplex coating by TCI Coatings.

RESULTS

Tool ran for over 450,000 hits and made it until the preventative maintenance schedule at three months. The tool was able to go back into press for the first time ever. No wear or galling present on tool.



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