

Z-12Ultra PM[®] Blanking Punch

TOOL TYPE

2-Out Compound Stamping Die (240 Strokes/min)

WORK MATERIAL

.062" Low Carbon Steel, Galvanized G60

PROBLEM IDENTIFICATION

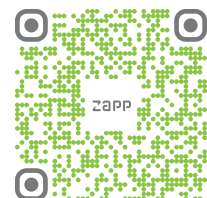
Development tool was manufactured out of D2, Rc 60-62. Abrasive wear would become problematic after approximately 100,000 strokes. Re-grinding of punch was necessary to re-establish stamped part geometry and tolerance.

SOLUTION

Z-12Ultra PM (Rc 63-65)

RESULTS

Z-12Ultra PM punch installed for high volume production and has run **two million strokes** so far without any tooling maintenance. There are only minimal signs of wear on the the punch that has not affected finished part tolerances. Stamper continues to run production on this tool without any maintenance.



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