

The
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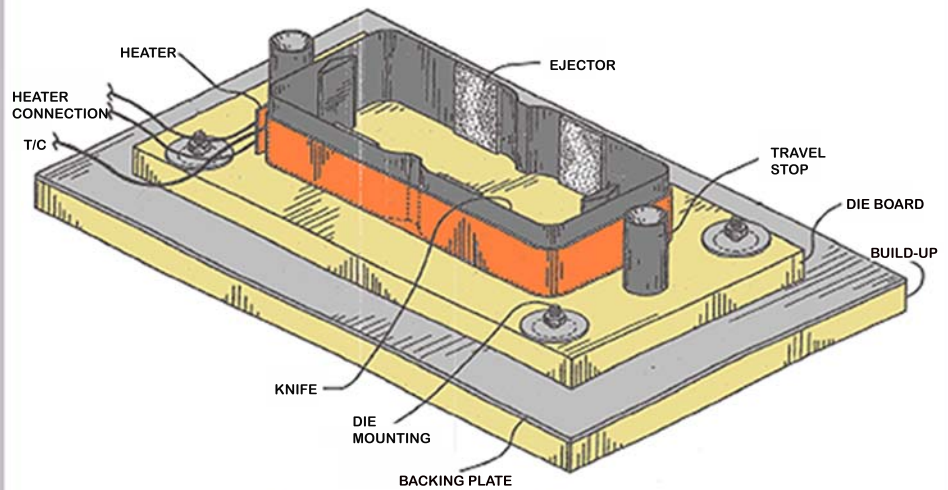


KNIFE-LIKE CUTTING DIE

U.S. Patent

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IMPROVE FINISH CUT QUALITY!

Heating only the knife blade provides very efficient heat transfer to the cutting edge. This creates a cleaner, smoother finished cut edge, virtually eliminating "angel hairs".

REDUCE SETUP TIMES!

Locating cones on the knife mate with formed cones on the plastic, placing the knife in the exact position, eliminating cut misalignment.

INCREASE DIE LIFE!

Additional stops around the knife perimeter protect from extreme pressure spikes when trimming. Cutting forces are reduced by 30% as the knife is heated above the material softening point.

SAVE ON TOOLING COSTS!

All this allows for extended cutting die life of more than 10 times, and continues to make a perfect cut.