

# INTRODUCTION TO MOLDERS CHOICE GATE CUTTERS

MOLDERS CHOICE has selected for the following pages only the highest quality gate cutters manufactured today. We believe in offering you, the Molder, a number of sizes for your applications.

Removing the plastic part from the runner is usually overlooked during job planning. Selecting the correct cutter for your particular job should be done carefully. If the cutter is too small, your operators can become fatigued from exerting too much force. A too-large cutter is harder for the operator to grasp and handle.

The plastic material, size of gate and shape of part are what determine the style of cutter needed. For hard, brittle materials choose a gate cutter with an adjustable blade stop to prevent the cutting edges from hitting each other when there is a rapid release of the gate. Set the screw stop so the blades stop short of hitting each other.

If a standard gate cutter does not perform well on the hard materials, the alternatives are heated gate cutters or air-powered gate cutters. MOLDERS CHOICE recommends sending in samples for test cutting to properly size the gate cutters.

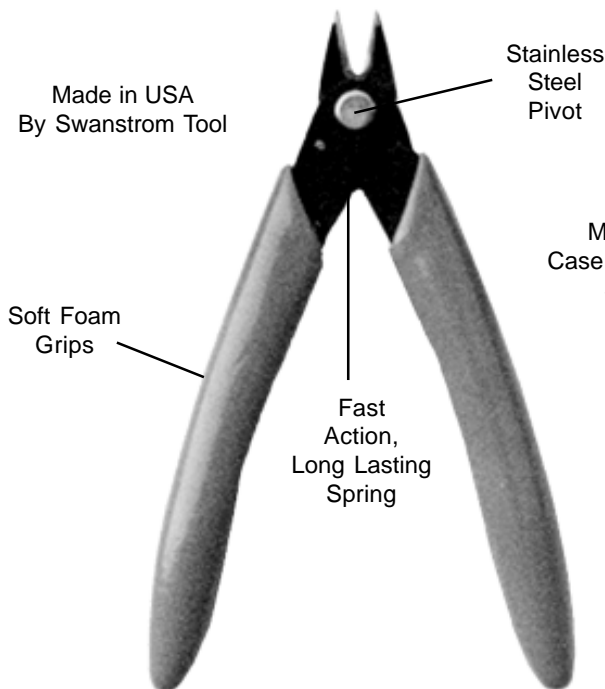
On soft materials (polypropylene, polyethylenes) a narrow, sharp blade is recommended. It will "slice" through the gate area of the plastic part more so than a thicker blade head. If a gate cutter with a blade stop screw is used, the screw should be set so the blades stop just short of touching each other.

When choosing a MOLDERS CHOICE gate cutter, remember to take into consideration the length of the handle, the blade opening and the backside contour of the cutter blade. The selected gate cutter should conform as closely as possible to the area of the plastic part and gate area to be cut. Please note that the overall length of the cutter handles governs the leverage to cut the gate from the part. All the force derived from the handles is controlled there!

**IMPORTANT:** The length of gate cutter handle gives the leverage needed and controls the force required to cut.

## Lightweight Cutters

### 5" Lightweight Economy Nippers



Made in USA  
By Swanstrom Tool

Stainless  
Steel  
Pivot

Made of  
Case Hardened  
Steel

Fast  
Action,  
Long Lasting  
Spring

Soft Foam  
Grips

Overall Length:	5"
Blade length:	3/8"
Blade opening at tip:	3/8"
Blade opening at base:	1/8"
Weight:	1.5 oz

**Model #1055NIP**

**\$5.60 each**



Fully Flush-Ground,  
Flat-Back Blades



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24 Hour Service - 7 Days a week

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