



MATRIX TOOL INC.
ADVANCED MOLDING AND TOOLING

Award-Winning Part Highlights
Matrix Tool's High Precision Mold
Building and Molding Capabilities

Matrix Tool Wins Both Hot Shots Part Competitions!

Matrix Tool had an amazing night at the 2021 Plastics Technology's Hotshots contest awards ceremony held at the Donald E. Stephens Convention Center in Rosemont, IL on Sept. 22, 2021. The parts contest was broken down into two main categories: technical sophistication and high efficiencies/economics.

Matrix Tool's lone entry won both awards!

Through R&D investments, Matrix designed and manufactured a proprietary LCP part to showcase extreme precision, consistent quality and greater throughput. Matrix demonstrated what's possible when long-term engineering development efforts are integrated into a custom designed, high precision micro-mold, combined with state-of-the-art, ultra-high precision Sodick IMMs and leading edge processing methodologies.

The part weighs 0.106 grams, or a mere 5-pellets of resin, and is designed with over 60 knife-edge tooling details. Each intricate through feature is formed by mating cores from both mold halves and numerous wall sections on the part are as thin as .0048" in plastic.

This award-winning tool was running at the Sodick Plustech booth during the Molding, Extrusion and Amerimold Conference held September 21-23, 2021.

For an in-depth video on the award-winning part please click the link below:

https://matrixtoolinc.com/news_post/matrix-tool-takes-two-top-honors/



**Matrix Tool's Hot
Shots Part Entry**

L-R: Matt Naitove, Technical Director, Plastics Technology; Len Hampton, National Sales Manager, Sodick Plustech; Dave Moyak, General Manager, Matrix Tool, Inc.



**FOR MORE INFORMATION, PLEASE
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