

# High Precision Metal Forming: Stevens Company Shares Insights on Custom Metal Stamping in HelloNation Magazine

*Doug Stevens of Stevens Company in Thomaston, Connecticut, outlines the critical differences and advantages of high precision metal forming*



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7, 2025 /EINPresswire.com/ -- What

sets apart deep drawn metal parts from conventionally stamped parts, and how do manufacturers meet the exacting standards of precision metal components? In HelloNation Magazine, Doug Stevens of Stevens Company in Thomaston, Connecticut, outlines the critical differences and advantages of high precision metal forming in the article [Custom Metal Stamping: High-Precision, Deep Drawn & Stamped Parts](#).

Custom metal stamping remains a cornerstone of advanced manufacturing, enabling the efficient production of complex components across sectors such as automotive, aerospace, electronics, and medical devices. Doug Stevens explains that the technique encompasses both stamped parts, formed by pressing sheet metal into dies, and deep drawn components, which are pulled into die cavities to achieve seamless and structurally sound forms. While stamped parts are ideal for flat or moderately contoured shapes, deep drawn parts offer enhanced strength and form complexity, often necessary in high-performance or miniature applications.

According to the article, tolerance control and material behavior are pivotal in achieving the precise geometries required by modern industries. With tight tolerances often measured within thousandths of an inch, and the need for strong yet lightweight materials like stainless steel or aluminum, success in custom stamping depends on both advanced tooling and continuous quality monitoring. The efficiency of forming intricate components in a single cycle reduces downstream processing, making it a cost-effective solution for high-demand production runs.

Doug Stevens provides a clear, technical perspective on the distinct roles of stamped and deep drawn metal parts in today's manufacturing landscape. Readers can access his expert analysis in the article, Custom Metal Stamping: High-Precision, Deep Drawn & Stamped Parts.

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