

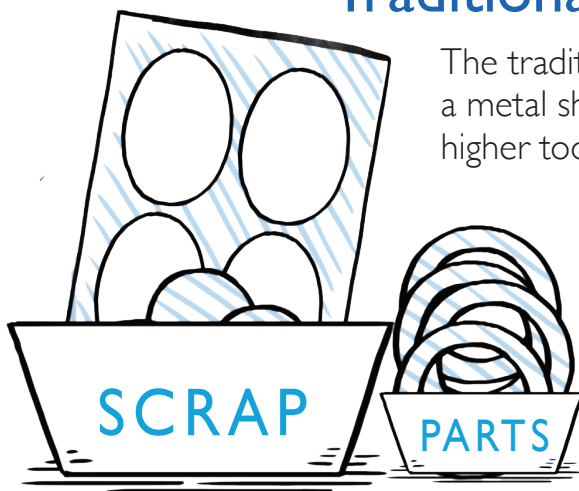


# WHY IT PAYS TO RETHINK STAMPING

The patented Inno-Spin® process is leveraging next-gen technology to revolutionize metal fabrication. Our unique approach delivers a smart, cost-saving alternative to deep-draw stamping, with several process elements that can be stacked to improve accuracy, reduce waste and achieve other process benefits.

## Traditional Stamping Methods

The traditional stamping method stamps out parts from a metal sheet, leaving you with piles of material waste, higher tooling costs, and ultimately – lower profits.



Material  
Waste



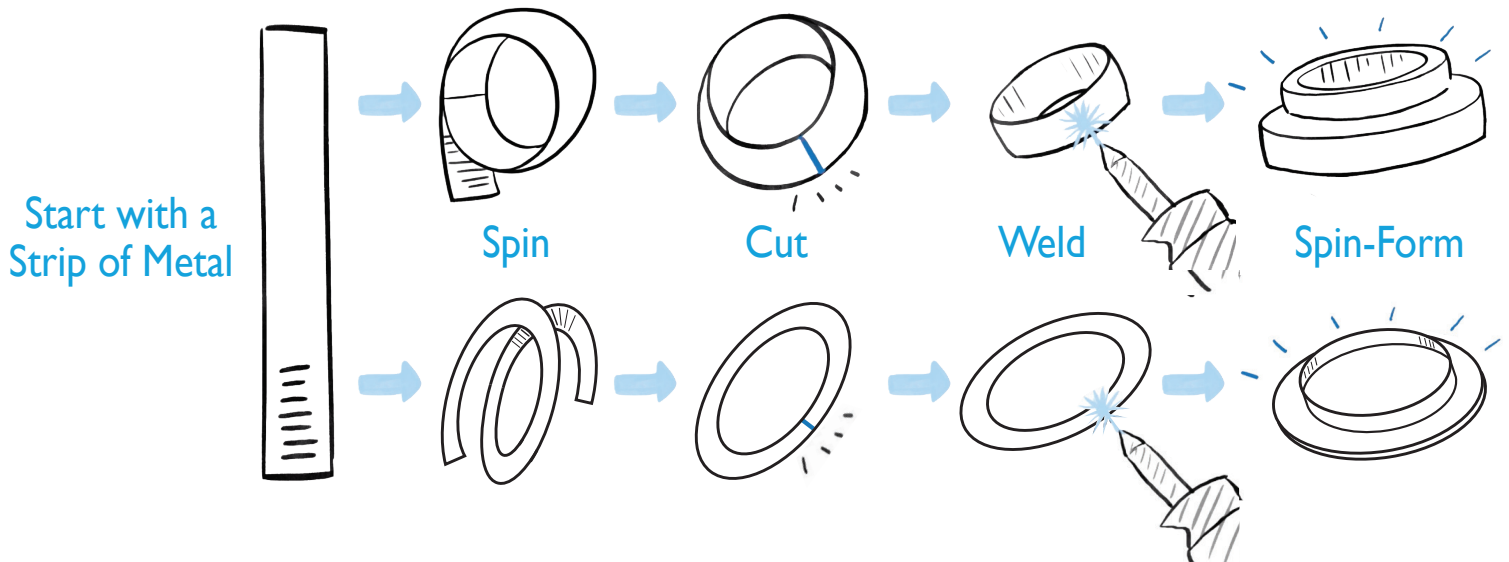
Higher  
Costs



Lower  
Profits

## Inno-Spin has a better way

With the Inno-Spin process, everything is simple, streamlined and efficient. We take a strip of metal, spin into a cylindrical ring, cut it to the tightest tolerances and weld it to superhuman strength. From there, the metal is roll-formed and precision-formed to achieve the exact spin form shapes you want—virtually nothing is wasted!



# Compelling benefits over stamped products



**Less  
Scrap**



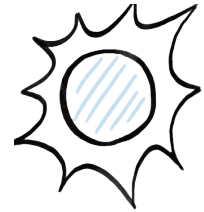
**Lower  
Tooling Costs**



**More  
Design Flexibility**



**Greater  
Quality Control**



**Reduced  
Carbon Footprint**

Through automation and process innovation, Inno-Spin offers significant cost, process, quality control, and environmental benefits while maintaining the dimensional and performance characteristics of stamped products.

For makers of medium-to-high volume cylindrical components, Inno-Spin is the smart alternative to improve your bottom line and the environment.

## Everything is stacked in our favor

	Stamping	Spin-Forming
Material Utilization	20 to 50%	Up to 99%
Tooling Costs	High	Low
Changeover Downtime	High	Low/Medium
Lot Sizes	High Volume	Low to High Volume
Carbon Footprint	High	Industry Lowest
Quality Assurance	Varies	Highly Controlled
In-Line Testing	Limited	100%
Material	Wide Range	Carbon and Stainless Steel Alloys
Gauge	Wide Range	Up to 4mm
Chemical Properties	No Variance	No Variance
Corrosion Resistance	No Variance	No Variance
Scoring Resistance	No Variance	No Variance

To learn more about how the Inno-Spin process delivers a whole new spin on metal fabrication, visit us at:  
[www.innospinmetals.com](http://www.innospinmetals.com).



[www.innospinmetals.com](http://www.innospinmetals.com)