

Forming

Accuracy and durability are the hallmarks of well-designed and manufactured parts produced by precision metal forming. E-Fab's expert forming capability starts with CAD modeling by our engineering team. From there, our manufacturing floor, where engineers take machine code to form precise metal parts to exacting standards and specifications.

E-Fab's Precision Bonding Processes and Advantages

Our manufacturing experts perform a wide range of precision forming techniques and processes, delivering accurate and reliable parts. We send each piece through careful finishing and an exacting Quality Assurance process before delivery.

Techniques

Heat Treating

Bending

Press Forming

Processes

Drilling

Finishing

Coating

Painting

Forming Expertise at E-Fab

We are experts at forming the exact part from metal materials that work with existing components or detailed design specifications.

Dimpling	A proprietary forming process developed at E-Fab used to ensure electrical contact is available on the part surface
Shield Forming	Manufacture of materials into precise shields for use in highly sensitive applications
Waveguide Forming	Used in complex seamless structures to direct and control electromagnetic energy
Angle Forming	For times when maximum alloy strength is required for a part
Industries Served	Aerospace, Military, Defense, Energy, Fuel Cells, Medical, Microwave, Semiconductor, Telecommunications, Colleges, Secondary Schools, Federal Agencies, State Government, Agriculture, Automotive/Transportation/Mobility, Electronics, Instrumentation & Control Systems, Manufacturing, Technology
Materials Used	Beryllium Copper, Stainless Steel Alloys, Aluminum Alloys, Thin Sheet Metals, and more

Our Certifications



ISO 9001:2015



ITAR

We are E-FAB

A TPC COMPANY

We are an expert team of engineers, manufacturers, and quality assurance specialists that deliver precision parts with ultimate accuracy. We serve technology companies, defense contractors, medical equipment manufacturers, and innovators from our Santa Clara, California headquarters.

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