



Carriers



# CARRIERS



## Carriers

### Lapping & Polishing

PR Hoffman is the world leader in the design and manufacturing of lapping and polishing carriers (workholders) for all planetary double-sided machines as well as for double-disk grinding and polishing applications.

Each carrier is custom engineered to match the customers' unique process requirements. We maintain a comprehensive inventory of select raw materials and carrier blanks. These practices enable PR Hoffman to provide exceptionally responsive service for your ever-changing needs.

#### *Design*

PR Hoffman generates a detailed drawing for our customers' review and approval before we make your carriers. This added service ensures that our customers receive precisely the design they need, every time an order is placed. We can provide custom marking, packaging, inspection, and certification to comply with your requirements.

We use a broad range of today's latest manufacturing technologies to make carriers for all applications. Carriers range in size up to 46" in diameter, in many different materials and thicknesses, for virtually all double-sided lapping or polishing machines.

The finest quality, custom engineered materials available in spring and stainless steel, Lamitex™ (fiberglass epoxy laminate), polycarbonate (Lexan®), phenolic, PVC and vinyl sheet materials are used to manufacture your carriers. We produce carriers in thicknesses from 0.001" (25 µm) to 1.000" (25.4 mm).

## Insert Carriers

### For Semiconductor Wafer Processing

Insert carriers feature our exclusive specially formulated materials and patented design, which work in unison to protect the edge profile of a wafer while providing the strength and durability of a traditional steel carrier.

PR Hoffman uses superior quality custom engineered steel, uniquely processed to create a lasting bond with proprietary plastics that are molded into each work-hole. This type of carrier is commonly used for the processing of 100 mm, 125 mm, 150 mm, 200 mm, and 300 mm silicon and other high value semiconductor wafers.