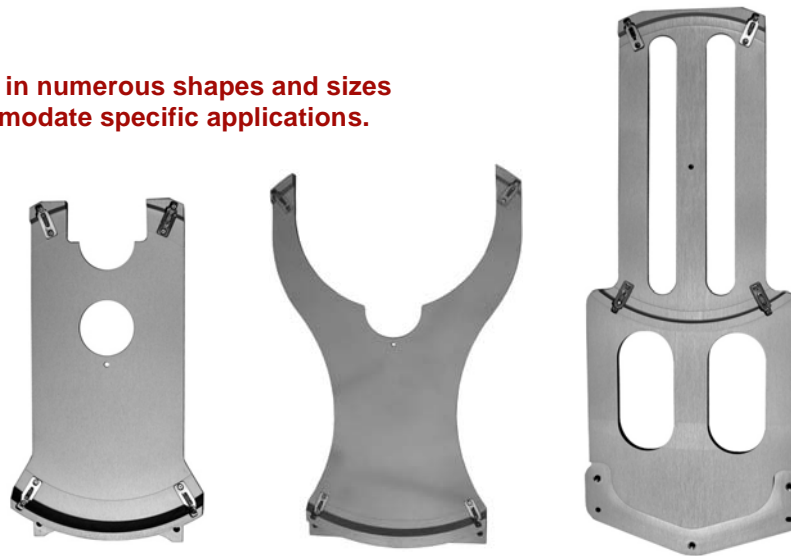


Gravity Edge Hold™ Technology

BY FABWORX SOLUTIONS
PATENT PENDING

- **GENTLY HOLDS THE WAFER IN A POCKET**
- **ALLOWS TRANSFERS AT TOP ROBOT SPEEDS**
- **AUTOMATICALLY REALIGNS OUT-OF-POSITION WAFERS**
- **IMPROVES PLACEMENT REPEATABILITY TO $<\pm 0.01\text{mm}$ (0.0004in.)**
 - Compatible with 150mm, 200mm and 300mm wafers
 - Applicable to both vacuum and atmospheric robots
 - Designed to retrofit onto most existing robots in most existing tools
 - Primary capture area of $\pm 0.38\text{mm}$ (± 0.015 in.)
 - Secondary capture area of $\pm 1.8\text{mm}$ (± 0.070 in.) to safely capture badly out-of-position wafers
 - Minimal wafer contact
 - No particle adders as compared to traditional end effectors
 - Rated for process temperatures up to 500°C

**Available in numerous shapes and sizes
to accommodate specific applications.**



www.fabworx.com info@fabworx.com 512.870.9191

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