



# THE END-EFFECTOR BIBLE

**EEB-10**

## TOPICS

Holding Methods  
Sensing Methods  
Materials employed  
Electrical Properties  
Physical Properties  
Comparison of Materials  
Failure Modes  
Design Considerations

A technical book written for equipment designers who are responsible for handling product in an automated world. This book provides the reader both an understanding of the methods used to capture and hold parts, as well as the methods to sense part presence. Furthermore the parameters for designing in ceramic are presented and discussed. The use of materials for end-effector employment and their properties is also discussed. Technical data are compared with specific reference to the semiconductor industry although applicable to part handling in general.

**EEI** END-EFFECTORS, INC.

1230 Coleman Avenue  
Santa Clara, California 95050-4338  
408/727-0100 FAX 408/727-2100

*"Giving Robotics A Hand"*