

## *Mechanical Hands for Children*



*VO Dorsal pull child's mechanical hand*

- Two sizes for children
- Voluntary open (VO)
- Adjustable grip force
- Dorsal and palmar pull cords
- Cosmetic gloves in 11 colors
- Voluntary Close (VC) – limited selection available

Designed for use with cosmetic gloves, these robust, cable-operated mechanical hands will withstand common daily use. An active thumb and active first and second fingers provide three-point gripping. The third and fourth fingers are independently sprung to work with the first two fingers. The hand spring is adjustable, allowing a stronger or weaker grip as desired. When the operating cord is released, a positive lock automatically engages so that the user can confidently carry items.

These Voluntary Open mechanical hands are designed for control with either a palmar (medial) or a dorsal (lateral) pull cord, ensuring that they can be fitted to most prosthetic systems. A limited supply of the smaller children's Voluntary Close (VC) Mechanical hands (2" & 2¼") are available – call LTI for availability. Order appropriate wrist from WRIST section.

Children's Mechanical Hand sizes range from 2" to 2¼", which designates the width across the knuckles including the cosmetic glove. When ordering gloves, specify the desired color as well as the size and side. Adult sizes start at 2½" – see Mechanical Hands for Adults.

## *Children's Voluntary Open Hands*



**H57L** 2" Palmar Pull Hand VO, left (shown)

glove G29L-SS

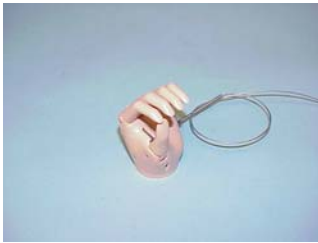
**H58R** 2" Palmar Pull Hand VO, right

glove G30R-SS

*measures 5" around palm, 1½" diameter wrist*

*use with AP150 Hand Connector Plate, see section 3*

# Mechanical Hands for Children



**H59L** 2" Dorsal Pull Hand VO, left (shown)  
**H60R** 2" Dorsal Pull Hand VO, right  
*measures 5" around palm, 1½" diameter wrist*  
*use with AP150 Hand Connector Plate, see section 3*

glove G29L-SS  
 glove G30R-SS



**H61L** 2¼" Palmar Pull Hand VO, left (shown)  
**H62R** 2¼" Palmar Pull Hand VO, right  
*measures 5¾" around palm, 1¼" diameter wrist*  
*use with AP175 Hand Connector Plate, see section 3*

glove G31L-SS  
 glove G32R-SS



**H63L** 2¼" Dorsal Pull Hand VO, left (shown)  
**H64R** 2¼" Dorsal Pull Hand VO, right  
*measures 5¾" around palm, 1¼" diameter wrist*  
*use with AP175 Hand Connector Plate, see section 3*

glove G31L-SS  
 glove G32R-SS

*Adult Mechanical Hands start at 2½"*

## **Wrist options** (see WRIST section):

- NW** No Wrist
- RO** Round Wrist
- OV** Oval Wrist
- TH** Threaded Stud ½ -20
- LP** Lightweight Plate
- DP** Disconnect Plate
- LW** Lightweight

## **Cosmetic Glove Colors:**



Select glove color from RSLSteeper Color Swatch Set (E24658) – "E" colors