

# SignWriting

*Sign Languages Are Written Languages!*



## Manual 2: SignWriting Hand Symbols

by  
Valerie Sutton and Adam Frost

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**First Edition**

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**The SignWriting System was first  
invented by Valerie Sutton in 1974.**

**This book documents the hand symbols of  
the International SignWriting Alphabet 2010  
by Valerie Sutton**

**All photos are photographed  
by Adam Frost.  
All photos are of Adam's own hands!**

All symbols were enlarged and  
graphically perfected by Adam Frost.

The ISWA 2008 and 2010 are two symbolsets  
made possible by the encouragement and  
software development of Stephen E. Slevinski, Jr

This manual is posted on the web:  
SignWriting Symbol Lessons  
<http://www.SignWriting.org/lessons/iswa>

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This book documents the hand symbols of the  
International SignWriting Alphabet 2010  
by Valerie Sutton



All hand photos are photographed by Adam Frost.  
All hand photos are of Adam's own hands.  
All symbols were enlarged and graphically perfected by Adam too!

## ...A Special Thanks to My Co-Workers...

...whose writing of Sign Languages from 1981-2010  
influenced the development of  
the International SignWriting Alphabet 2010...

The Center for Sutton Movement Writing is a non-profit 501c3 US educational organization founded in California in 1974. The Center has sponsored six research projects from 1981 to 2010, providing the creative atmosphere needed to encourage skilled American Sign Language users to write their own language for the first time in history. This led to the improvement of SignWriting. Today in 2010, SignWriting looks different than it did back in 1974. It is a streamlined writing system used by thousands in over 40 countries and is an established world script by the International Organization for Standardization (ISO-15924-Sgnw). This could not have happened without the pioneering efforts of our Center staff members. Thank you for your partnership in this effort!

These six projects influenced my development of the hand symbols of the International SignWriting Alphabet (ISWA 2010), presented in this book:

### 1. SignWriter Newspaper in Written ASL, 1981-1984

<http://www.signwriting.org/library/history/hist005.html>

### 2. SignWriting Software Development, 1986 to present

<http://www.signwriting.org/forums/software/>

### 3. Deaf Action Committee For SignWriting (the DAC), 1988 to present

<http://www.signwriting.org/deaf/>

### 4. SignWriting Literacy Project for Deaf Students, 1998 to present

<http://www.signwriting.org/forums/teachers/>

### 5. SignWriting Literature Project, 2006 to present

Writing World Literature in the Sign Languages of the World

<http://www.signwriting.org/literature>

### 6. SignWriting Encyclopedia Projects (SWEP), 2010 to present

Online & Printed Encyclopedias in Written Sign Languages

<http://www.signwriting.org/encyclopedia>

Two special staff members made this book possible. Stephen E Slevinski Jr, software developer of several SignWriting programs including SignPuddle, Binary SignWriting, the SignWriting Image Server & the SignWriting MediaWiki Plugin, encouraged me to re-design the SignWriting symbolset used in 2004 software. Steve aided me in creating the International SignWriting Alphabet 2008, and then encouraged me to make additional improvements in 2010. Because of Steve, the ISWA 2010 is used in SignWriting software around the world.

...and Adam Frost, whose Deaf perspective and feedback has been invaluable. Adam has steadfastly photographed his own hands doing all 6 palm facings of 261 handshapes, and has tirelessly enlarged each symbol and improved them graphically at large sizes, making the illustrations in this book possible. Visit Adam's animated hand symbol lessons online:

### SignWriting Symbol Lessons ISWA 2010

<http://www.signwriting.org/lessons/iswa/>

Thank you, Adam!

**Valerie Sutton**  
La Jolla, California  
August 6, 2010



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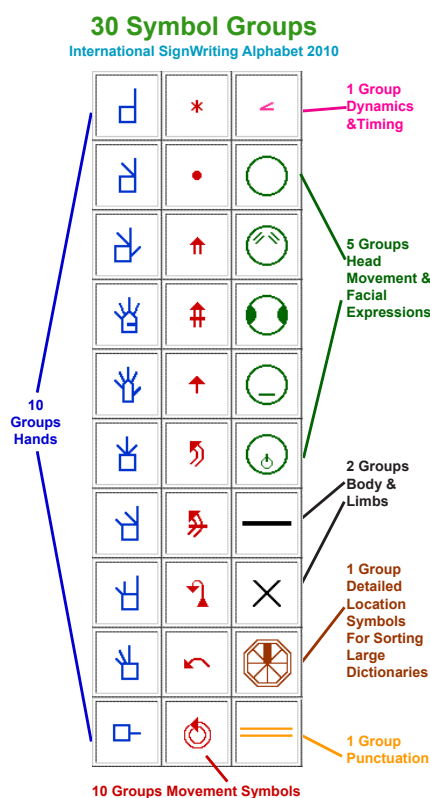
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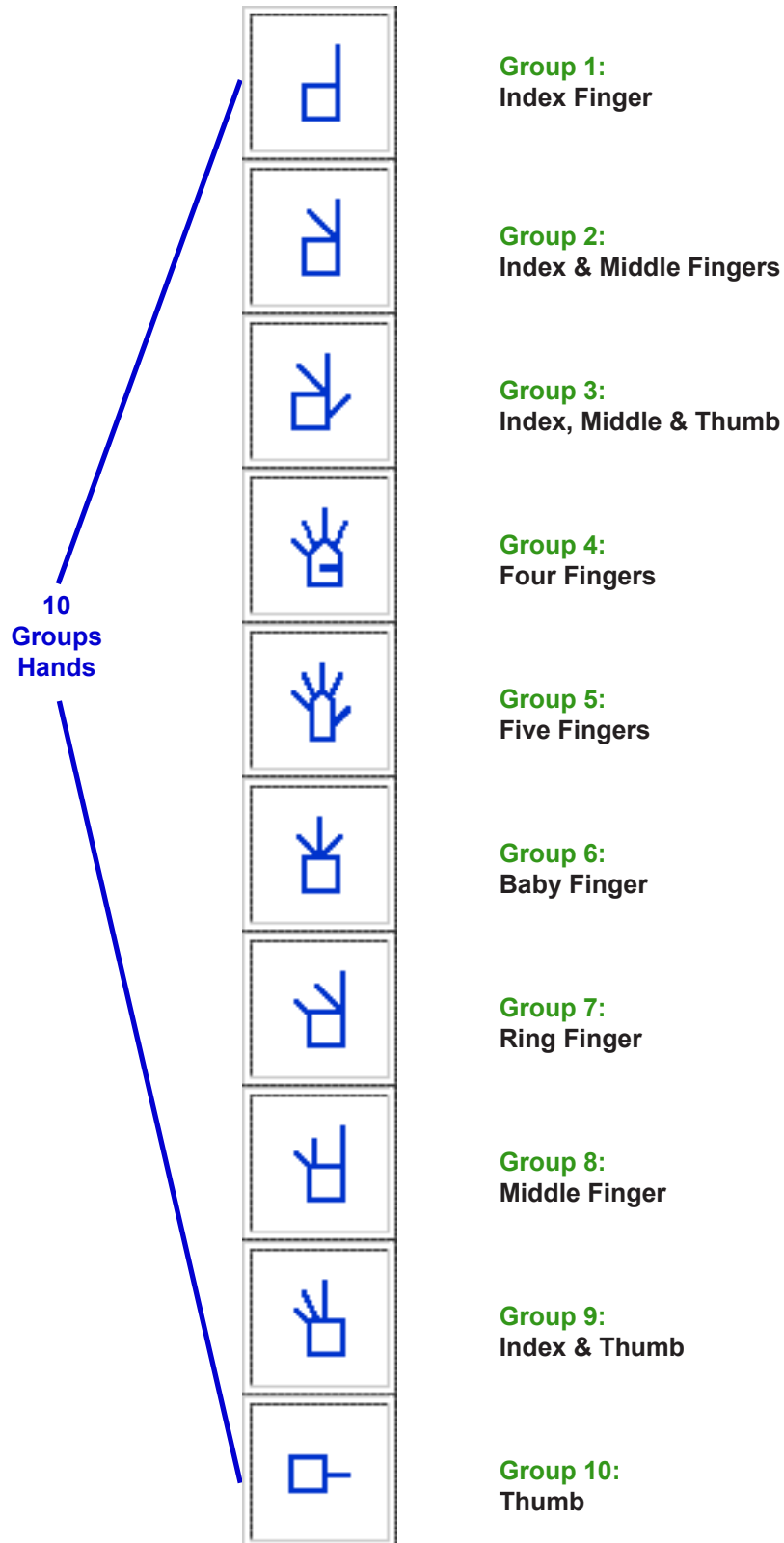
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# 10 Hand Symbol Groups

in the International SignWriting Alphabet 2010



# Rootshapes

Like roots to a tree, Rootshapes provide the foundation for all hand symbols in the International SignWriting Alphabet (ISWA 2010). There are 13 Rootshapes.

Rootshapes are determined by the shape of the LOWEST finger in the hand-shape. For example, a square for a TIGHT Fist must have at least one finger touching the palm of the hand. A circle for an OPEN fist, has at least one finger close to the palm of the hand, but not touching the palm of the hand.



## Rootshape 01: Tight Fist

Tight Fist: At least 1 finger touches palm



## Rootshape 02: Fist Thumb Under

Tight Fist: At least 1 finger touches palm with thumb under it



## Rootshape 03: Fist Thumb Across

Tight Fist: At least 1 finger rests on top of thumb across palm



## Rootshape 04: Circle

At least 1 fingertip touches thumbtip in a curve or...  
At least 1 curved finger is close to palm of hand



## Rootshape 05: Curlicue

At least 1 fingertip touches inside middle of thumb



## Rootshape 06: Claw

At least 1 finger is bent at Middle Joint & Tip Joint



## Rootshape 07: Hook

At least 1 finger is bent at Middle Joint, touching thumb tip



## Rootshape 08: Cup

At least 1 finger is curved at the Middle Joint & Tip Joint.  
There is NO bend or curve at the Knuckle Joint.



## Rootshape 09: Oval

At least 1 finger is curved at all three joints: Knuckle Joint, Middle Joint and Tip Joint.



## Rootshape 10: Hinge

At least 1 finger bends at the Knuckle Joint, while the Middle Joint and Tip Joint lock completely straight.



## Rootshape 11: Angle

The Hinge, with fingertips and thumb tip touching



## Rootshape 12: Flat Thumb Across

Thumb across palm, four fingers straight up with no bends

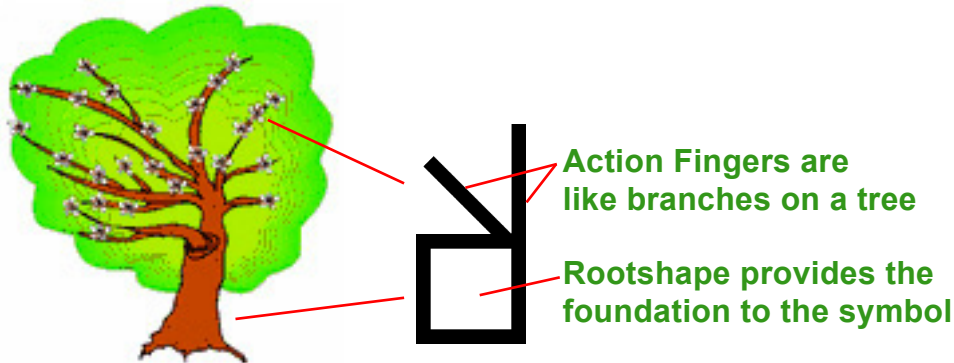


## Rootshape 13: Flat

Five fingers straight up with no bends

## Action Fingers

Once the Rootshape is established, the lines for the fingers are attached. The finger lines are called Action Fingers. They extend from the root of the hand like branches on a tree. Action Fingers are more important than the Rootshape, because they are looked at first, just as observers look at the branches of a tree first. Readers focus on Action Fingers first, since they give meaning to the handshape.



## 2008 Standardization of Hand Symbols

Over a 34 year period, from 1974-2008, thousands of people used SignWriting to write their sign languages, and through this natural process, the writing system improved. Today, in 2010, SignWriting is more compact and streamlined because of this important natural evolution. Back in 1998, the hand symbols were working relatively well and remained the same for a decade. But there was one inconsistency with finger direction and palm facing, relating only to the white palm symbols, that was finally resolved with the development of the International SignWriting Alphabet 2008. The white palm facing symbols now relate to the Center of the Body like all other hand symbols. This book documents the 2008 Standardization of Hand Symbols: ALL hand symbols consistently relate to the Center of the Body.

## A Series of Five Manuals

This manual, Part 2, documents every hand symbol in the International SignWriting Alphabet 2010. Some writing instruction can be found in the beginning and at the end of this manual, but generally this is a reference manual showing what each symbol represents. How to write documents using these symbols will be presented in Part 5, which will include information on SignSpellings, punctuation of sign sentences and writing role shifting in three Lanes. There will be five separate manuals in this series, that in time will be consolidated into one large volume:

### The SignWriting Reference Manual

**Part 1: SignWriting Basics**

**Part 2: SignWriting Hand Symbols**

**Part 3: SignWriting Movement Symbols**

**Part 4: SignWriting Face & Gesture**

**Part 5: SignWriting Literature Composition**



## Expressive Front View

Signs are written from the signer's expressive viewpoint. Imagine standing BEHIND the signer, copying what the signer does and feels.



### Palm of Hand

The palm of the hand is written with a white or hollow symbol.

#### Front View Parallel with Wall Plane

The hand is parallel to the Front Wall. The white symbol shows that the palm faces towards your body, towards the reader.



### Side of Hand

The side of the hand is written with a symbol that is half-white and half-dark. The half-white section shows the direction of the palm. The half-dark section represents the back of the hand.

#### Front View Parallel with Wall Plane

The hand is parallel to the Front Wall. The thumb of the hand faces towards your body.



### Back of Hand

The back of the hand is written with a black or filled-in symbol.

#### Front View Parallel with Wall Plane

The hand is parallel to the Front Wall. The black symbol shows that the back of the hand faces towards your body.

# Expressive Top View

Signs are written from the signer's expressive viewpoint. Imagine looking down on the position of the signer, from a bird's eye view.



## Palm of Hand

### Top View Parallel with Floor Plane

The hand is parallel to the floor. You are looking down at your palm from overhead. The white symbol has a space at the knuckle joint representing the Horizon Line. A hand symbol with the Horizon Line crossing over the knuckles means the hand is "parallel with the floor" read from the Top View.



## Side of Hand

### Top View Parallel with Floor Plane

The hand is parallel to the floor. You are looking down at the side of your hand (your thumb) from overhead. The hand symbol has a space at the knuckle joint representing the Horizon Line. A hand symbol with the Horizon Line crossing over the knuckles means the hand is "parallel with the floor" read from the Top View.



## Back of Hand

### Top View Parallel with Floor Plane

The hand is parallel to the floor. You are looking down at the back of your hand from overhead. The hand symbol has a space at the knuckle joint, representing the Horizon Line. A hand symbol with the Horizon Line crossing over the knuckles means the hand is "parallel with the floor" read from the Top View.

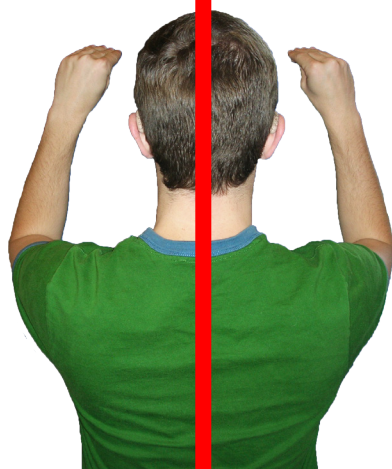
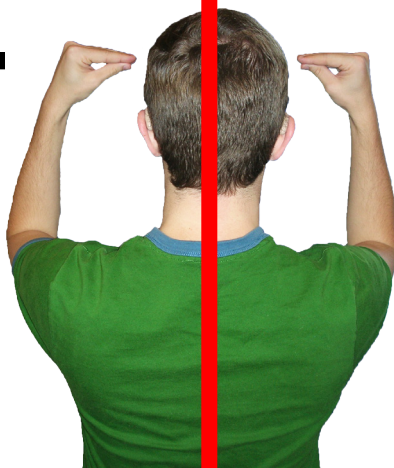
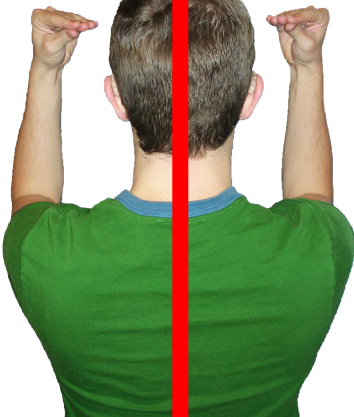


## Hands Relate to Center

In the International SignWriting Alphabet, all hand symbols are designed to relate to the Center of the Body. Imagine a Center Line going down the center of your body. The **Majority of Action Fingers** are directed towards the center. Left hands are written to the left of the Center Line. Right hands are written to the right of the Center Line.

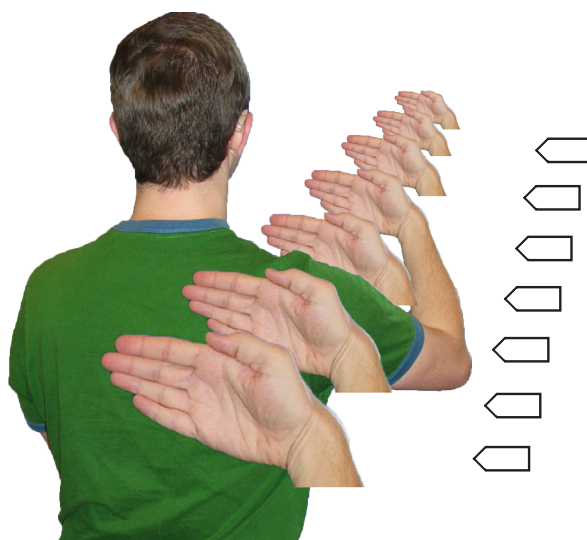
Left Hand

Right Hand



## The Wall Plane

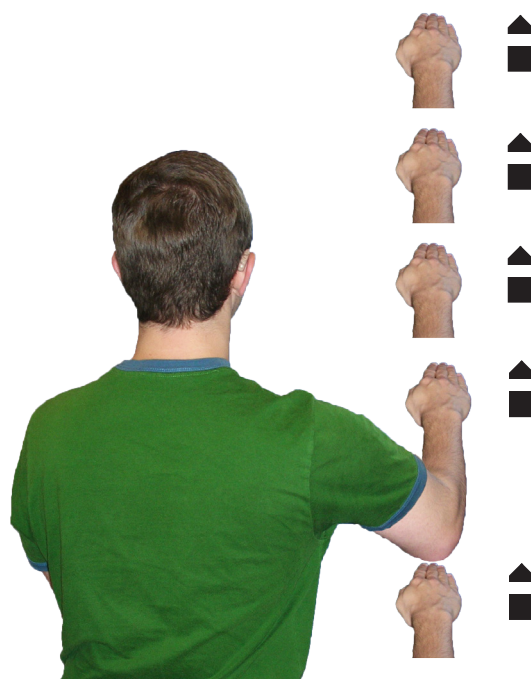
Hand symbols parallel to the Front Wall look the same whether they are far from the chest, close to or touching the chest, or behind the body. You can FEEL the position of the palm facing. It remains the same symbol no matter how close or far it is.



---

## The Floor Plane

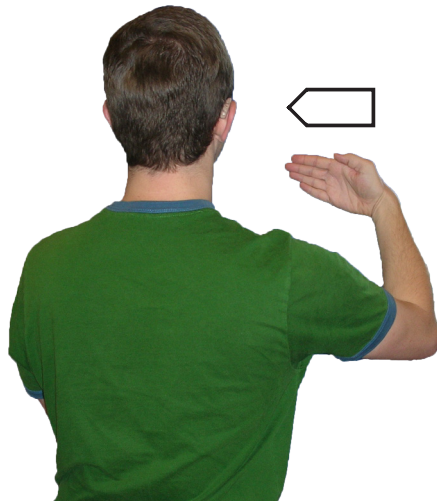
Hand symbols parallel to the Floor look the same whether they are high above the head, in the middle in front of your chest, or low at hip level. You can FEEL the position of the palm facing. It remains the same symbol no matter how high or low it is.





## Hands Pointing to the Side

Hand symbols with the fingers pointing to the side can be written from the Front View, parallel to the Front Wall Plane, or from the Top View, parallel to the Floor Plane. Both symbols are correct, since side-to-side can be seen from the Front View or the Top View. Choose to write the simpler symbols seen from the Front View, parallel to the Front Wall, since they are less complicated for quick reading:



### Choose the Front View

The Front View writes the palm of the hand with a white or hollow symbol.

#### Front View Is Easier to Read

When the fingers point to the side wall, it is best to write the symbol parallel to the Front Wall because the symbol is easier to read.



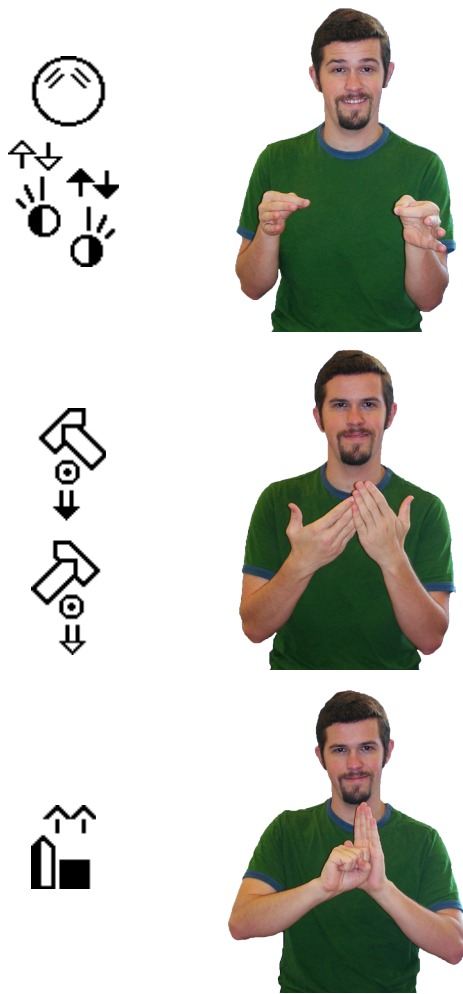
### Top View Is Correct but...

The Top View of the hand is written with a half-white half-dark symbol with the Horizon Line across the knuckles.

#### Top View Is Harder to Read

When the fingers point to the side wall, it is correct to write the symbol parallel to the Floor, but it is harder to read and therefore not recommended.






---

## Chapter 1



### Group 1: Index


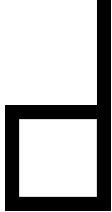










All Hands With One Action Finger:

**The Index Finger**



# Index

01-01-001









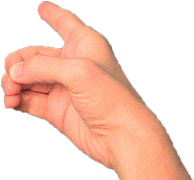



		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 24 & 293 for more information and instruction.

# Index on Circle


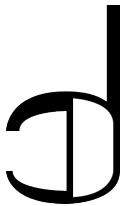



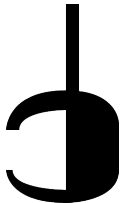

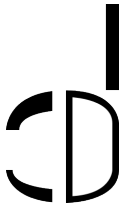
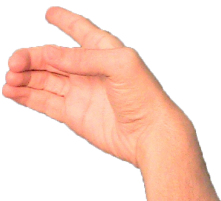



01-01-002

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index on Cup

01-01-003


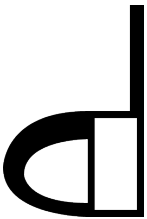










		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 24 & 293 for more information and instruction.

## Index on Oval






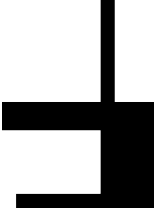






01-01-004

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		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index on Hinge

01-01-005


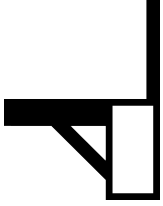

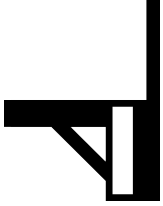

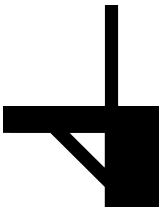

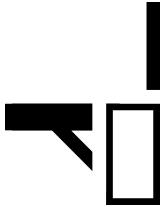

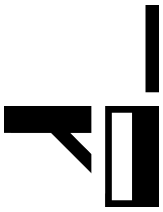

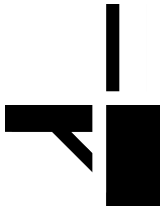
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		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 24 & 293 for more information and instruction.

## Index on Angle


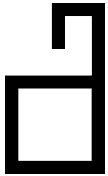

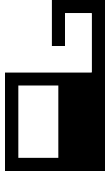



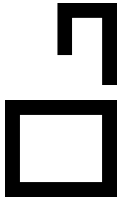



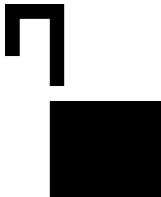
01-01-006

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		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Bent

01-01-007

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane






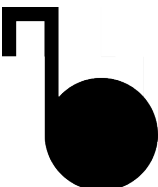

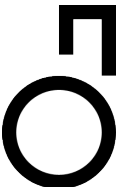



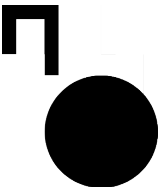


Note: See page 24 & 293 for more information and instruction.



## Index Bent on Circle


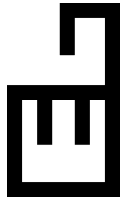

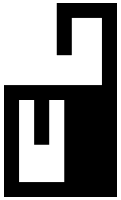



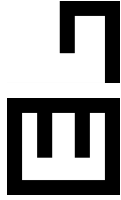

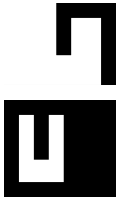


01-01-008

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		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Bent on Fist Thumb Under

01-01-009


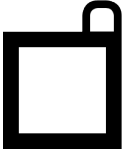



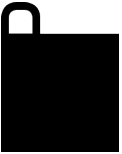



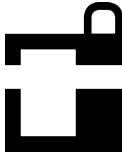

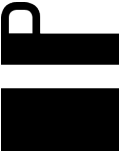
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		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 24 & 293 for more information and instruction.

# Index Raised Knuckle


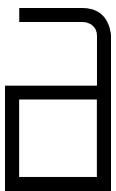



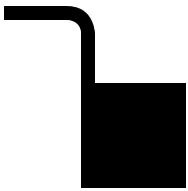

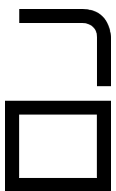

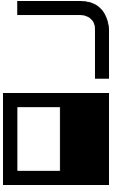

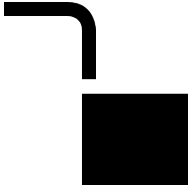
01-01-010

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		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Cup

01-01-011


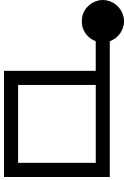










		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 24 & 293 for more information and instruction.

# Index Hinge on Fist













01-01-012

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Hinge on Fist Low

01-01-013






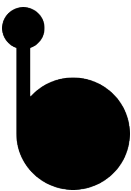



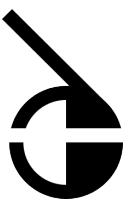

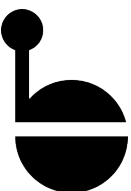
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		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 24 & 293 for more information and instruction.

# Index Hinge on Circle
















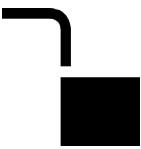


01-01-014

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		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
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		Back of Hand Top View Parallel Floor Plane



## Finger Direction Is Meaningful

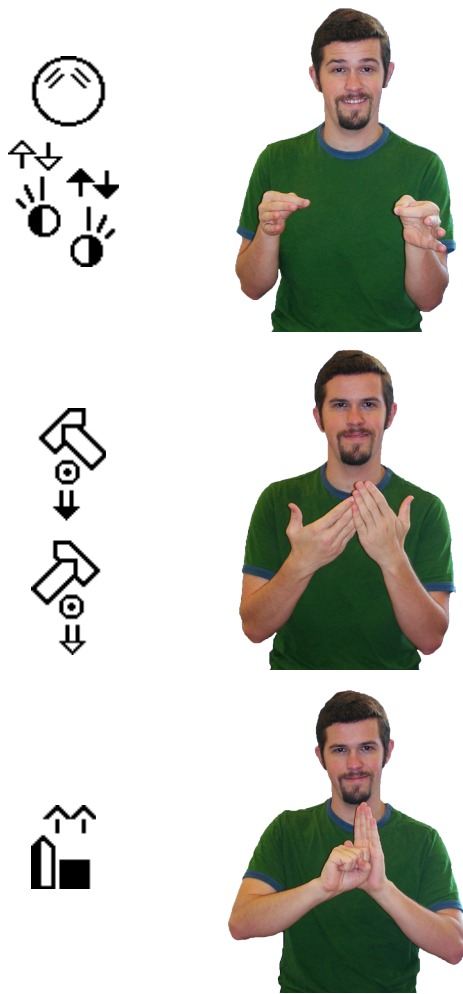
Two ways to write the same position: The Top View of the Back of the Hand can be written at a slant. Some writers feel this looks more like real life, because the fingers are directed down.



Note: See page 293 for more information and instruction.





## Chapter 2




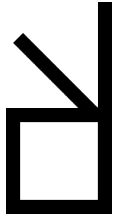





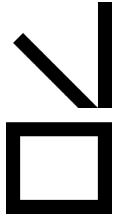




### Group 2: Index Middle

All Hands With Two Action Fingers:  
**Index Finger & Middle Finger**



# Index Middle

01-02-001






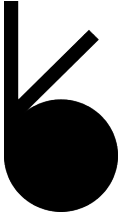





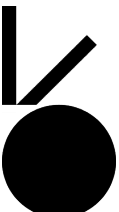
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		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 42 & 293 for more information and instruction.

# Index Middle on Circle


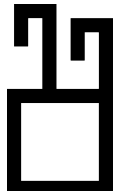



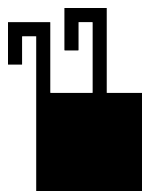

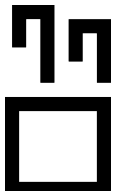



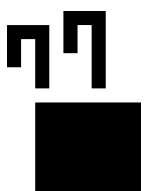
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		Palm of Hand Top View Parallel Floor Plane
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		Back of Hand Top View Parallel Floor Plane




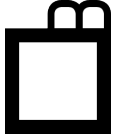

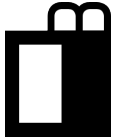

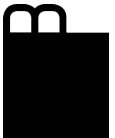

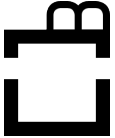

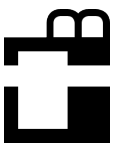


# Index Middle Bent

01-02-003

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
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		Back of Hand Top View Parallel Floor Plane

# Index Middle Raised Knuckles


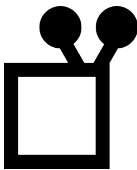





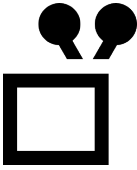



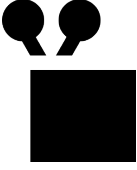
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		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Middle Hinge

01-02-005


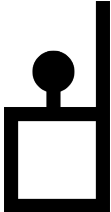



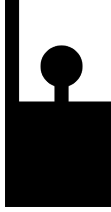

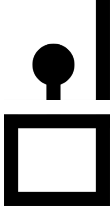




		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 42 & 293 for more information and instruction.

# Index Up, Middle Hinge


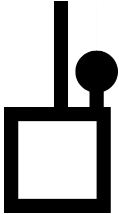



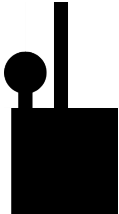




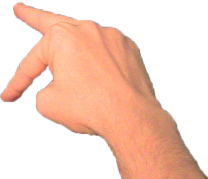

01-02-006

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Hinge, Middle Up

01-02-007

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane


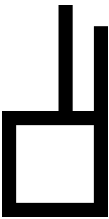





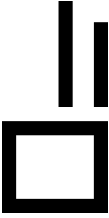






Note: See page 42 & 293 for more information and instruction.



# Index Middle Unit


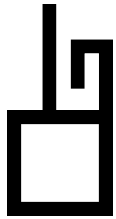

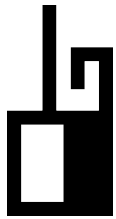

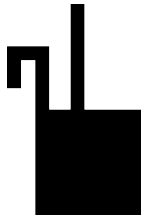

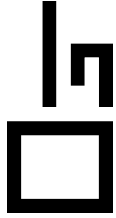

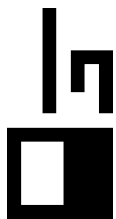

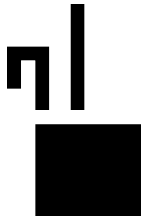
01-02-008

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Middle Unit, Index Bent

01-02-009


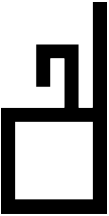










		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 42 & 293 for more information and instruction.

# Index Middle Unit, Middle Bent


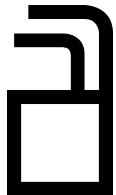



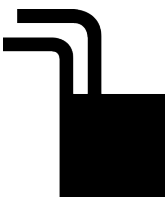

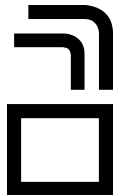
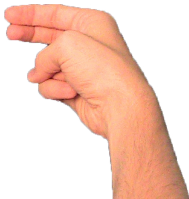


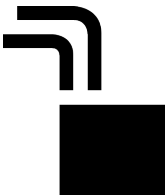
01-02-010

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Middle Unit, Cup

01-02-011


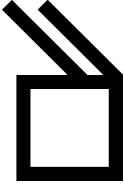



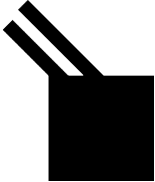


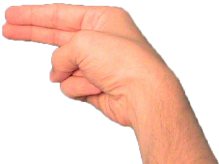



		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 42 & 293 for more information and instruction.

# Index Middle Unit, Hinge


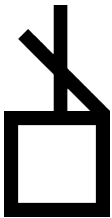



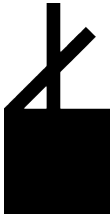






01-02-012

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Middle Cross

01-02-013






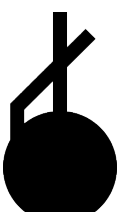



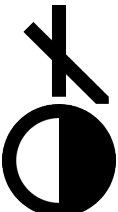

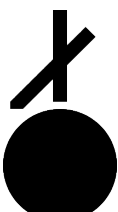
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 42 & 293 for more information and instruction.

# Index Middle Cross on Circle


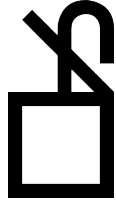



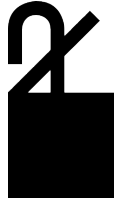






01-02-014

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Middle Bent Over Index

01-02-015

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane


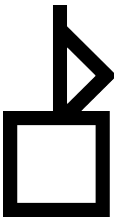

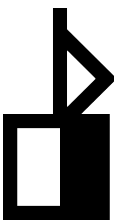



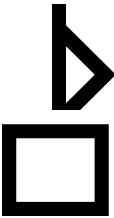






Note: See page 42 & 293 for more information and instruction.



# Index Bent Over Middle














01-02-016

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



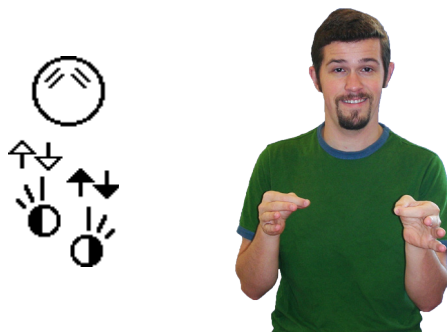
## Finger Direction Is Meaningful

Two ways to write the same position: The Top View of the Back of the Hand can be written at a slant. Some writers feel this looks more like real life, because the fingers are directed down.

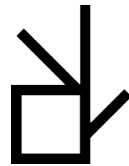
		
		
		
		<div><p><b>OR</b></p></div> <p><b>both angles are correct</b></p>



Note: See page 293 for more information and instruction.



## Chapter 3



### Group 3: Index Middle Thumb


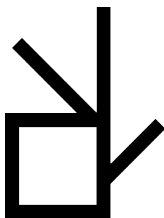

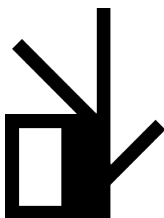



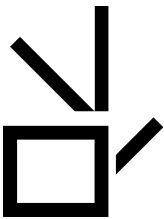

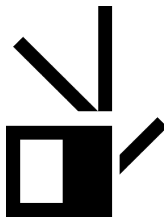

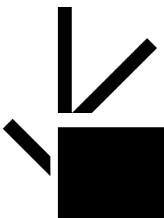
All Hands With Three Action Fingers:

**Index Finger, Middle Finger & Thumb**



# Index Middle Thumb

01-03-001


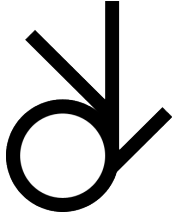
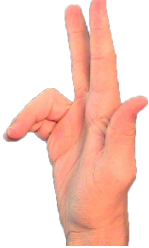
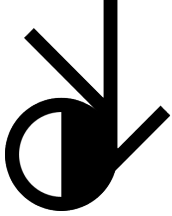

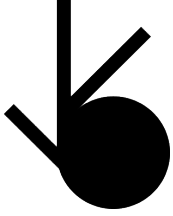

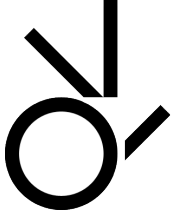

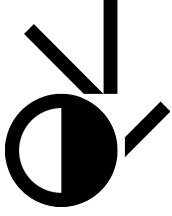

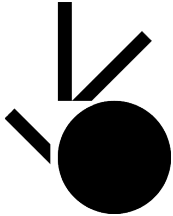
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 82 & 293 for more information and instruction.

# Index Middle Thumb on Circle


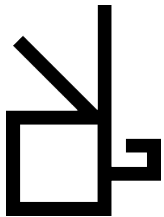

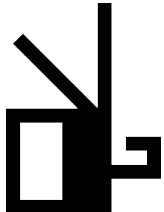

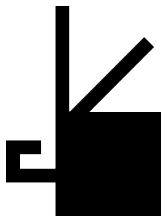

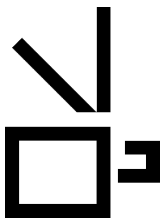

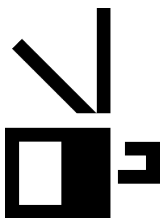

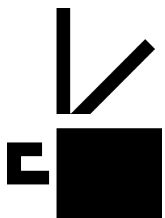
01-03-002

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Middle Straight, Thumb Bent

01-03-003


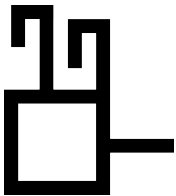

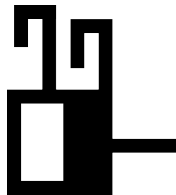

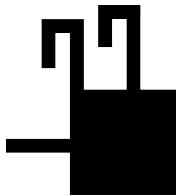

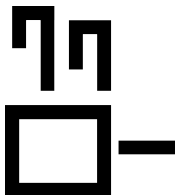

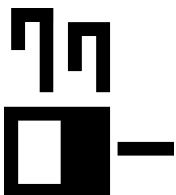

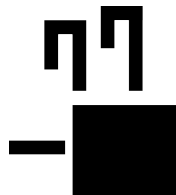
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 82 & 293 for more information and instruction.

# Index Middle Bent, Thumb Straight


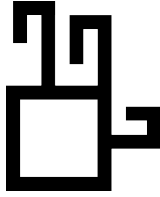

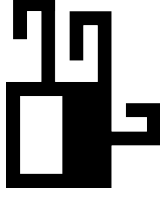

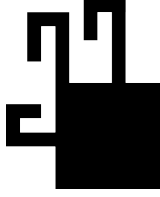

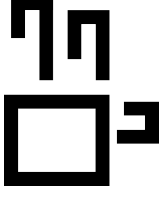

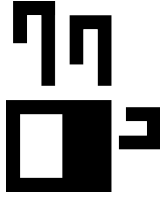

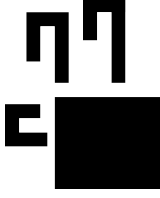
01-03-004

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Middle Thumb Bent

01-03-005

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane




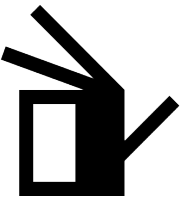



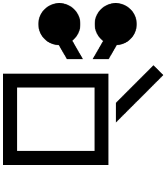

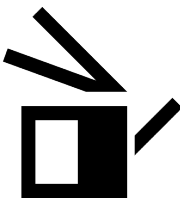




Note: See page 82 & 293 for more information and instruction.



## Index Middle Hinge Spread, Thumb Side


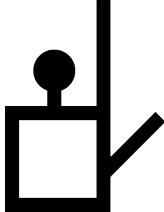

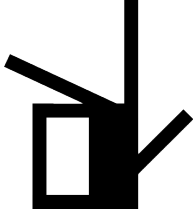

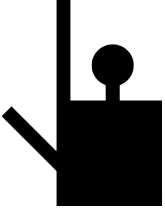

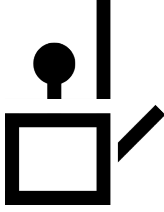

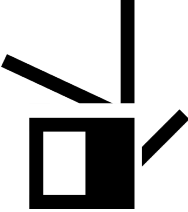

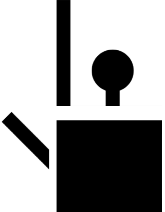
01-03-006

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Up, Middle Hinge, Thumb Side

01-03-007


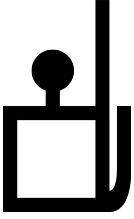



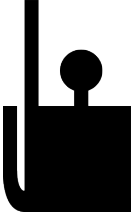

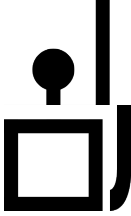
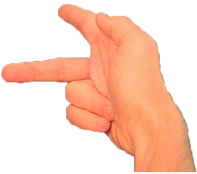


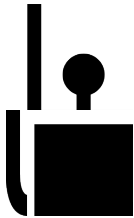
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 82 & 293 for more information and instruction.

# Index Up, Middle Hinge, Thumb Unit


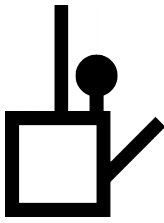

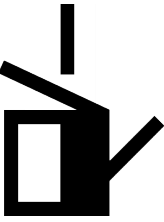

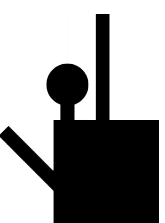

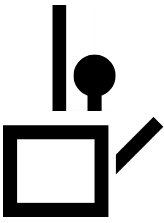



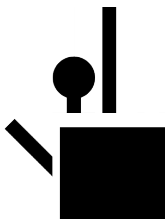
01-03-008

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Hinge, Middle Up, Thumb Side

01-03-009




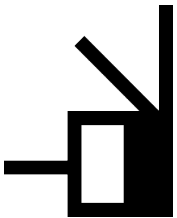





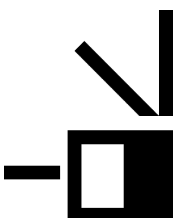

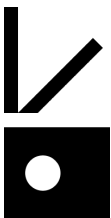
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 82 & 293 for more information and instruction.

# Index Middle Up Spread, Thumb Forward

01-03-010

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Middle Thumb Cup

01-03-011


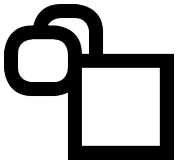

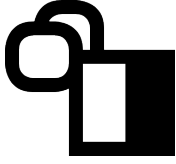



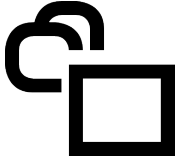

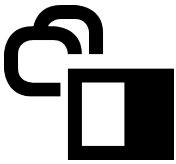

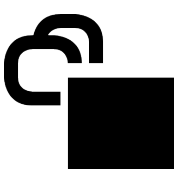
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 82 & 293 for more information and instruction.

## Index Middle Thumb Circle



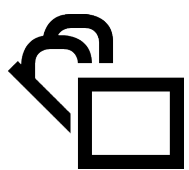
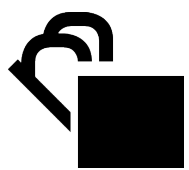
01-03-012

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Middle Thumb Hook

01-03-013

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane















Note: See page 82 & 293 for more information and instruction.



# Index Middle Thumb Hinge


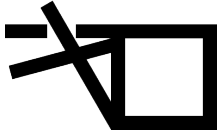






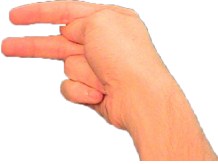



01-03-014

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Thumb Between Index Middle Straight

01-03-015

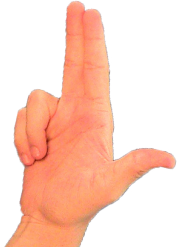
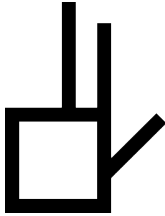

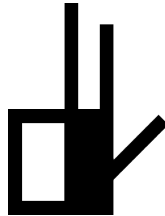

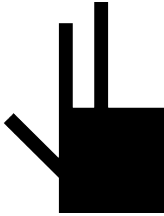
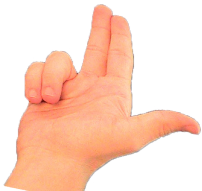
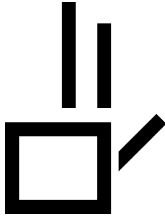

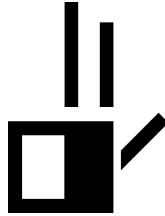

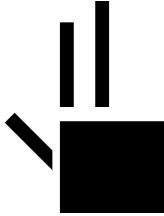
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 82 & 293 for more information and instruction.

## Index Middle Unit, Thumb Side


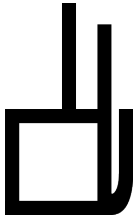

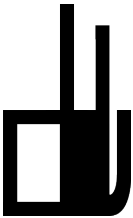







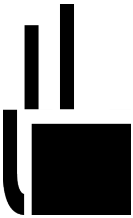
01-03-016

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Middle Unit, Thumb Side Unit

01-03-017


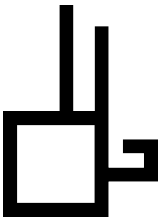

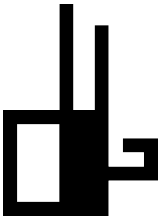

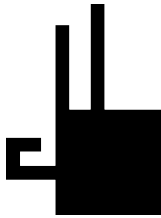

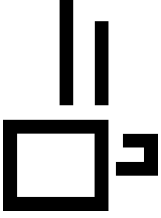

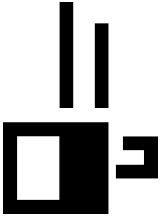

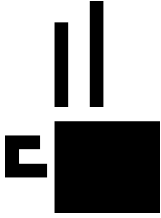
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 82 & 293 for more information and instruction.

# Index Middle Unit, Thumb Side Bent













01-03-018

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



## Middle Thumb Hook, Index Up

01-03-019


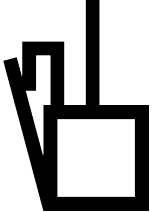

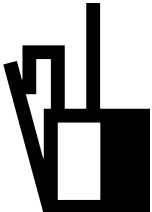

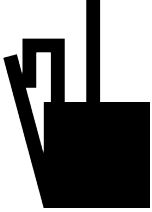

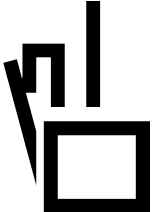



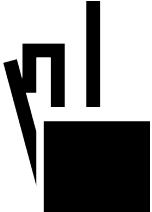
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 82 & 293 for more information and instruction.

# Index Thumb Hook, Middle Up


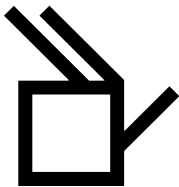

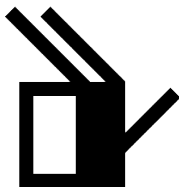

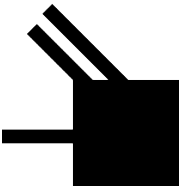
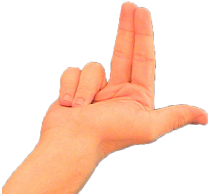
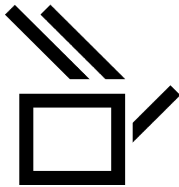

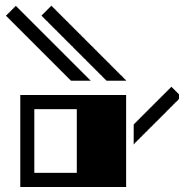

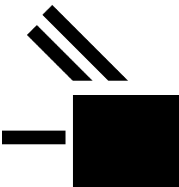
01-03-020

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



## Index Middle Unit Hinge, Thumb Side

01-03-021

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane


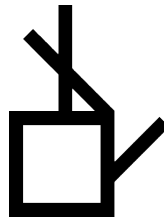

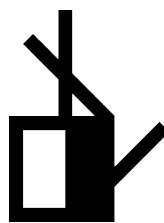

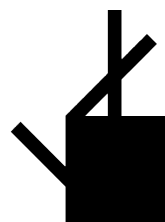
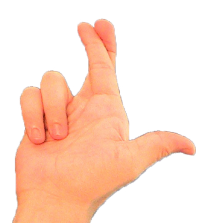
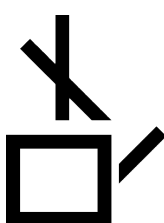

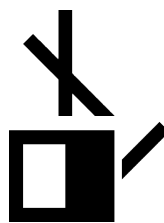

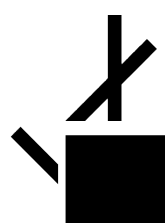


Note: See page 82 & 293 for more information and instruction.



# Index Middle Cross, Thumb Side


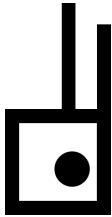

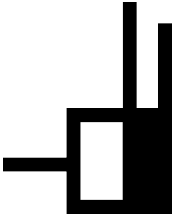





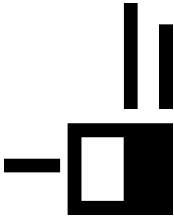


01-03-022

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Middle Unit, Thumb Forward

01-03-023


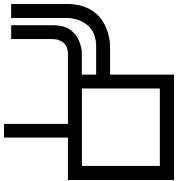

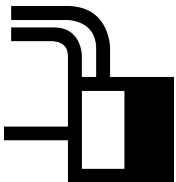

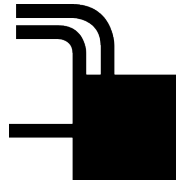

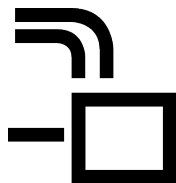
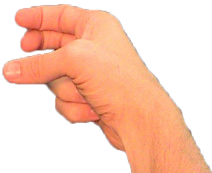
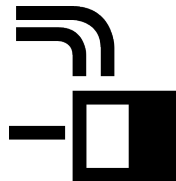

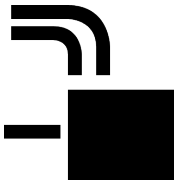
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 82 & 293 for more information and instruction.

# Index Middle Unit Cup, Thumb Forward


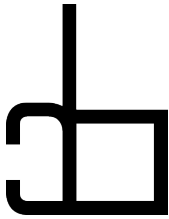

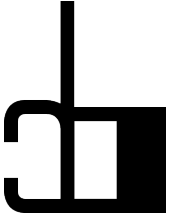

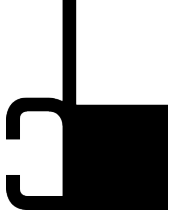

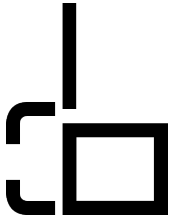

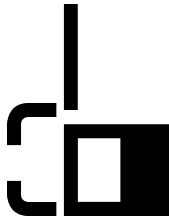
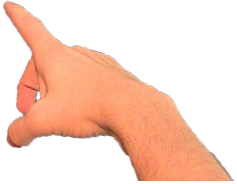
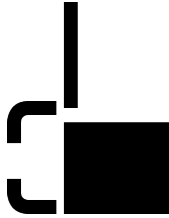
01-03-024

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



## Middle Thumb Cup, Index Up

01-03-025


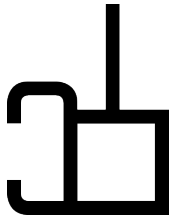

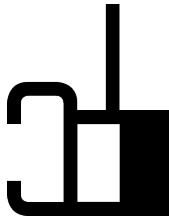

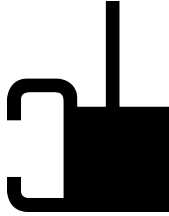

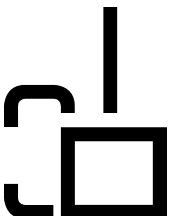

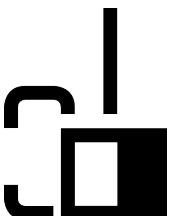

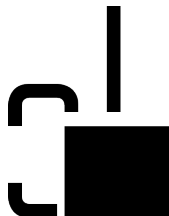
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 82 & 293 for more information and instruction.

## Index Thumb Cup, Middle Up


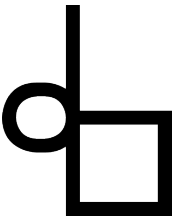

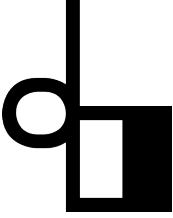

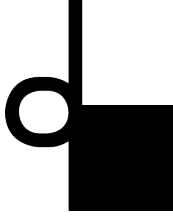

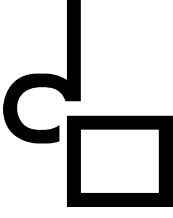


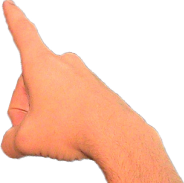
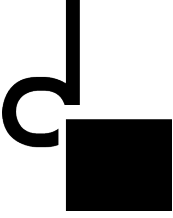
01-03-026

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



## Middle Thumb Circle, Index Up

01-03-027


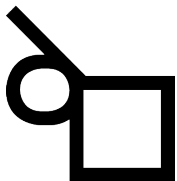

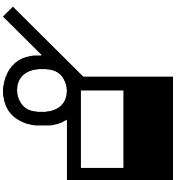



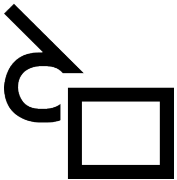

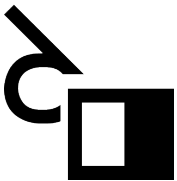

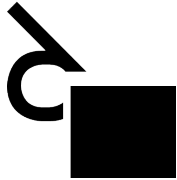
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 82 & 293 for more information and instruction.

## Middle Thumb Circle, Index Hinge


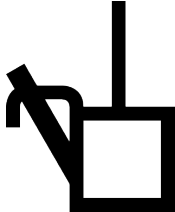

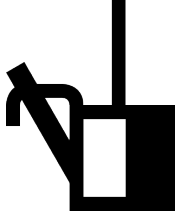



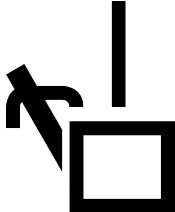

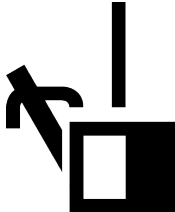

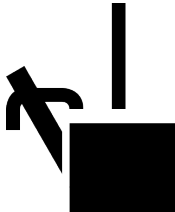
01-03-028

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Thumb Angle Out, Middle Up

01-03-029

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane


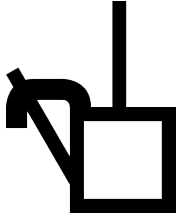

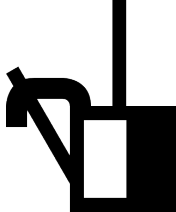

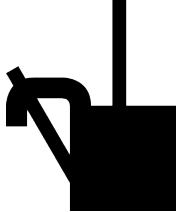

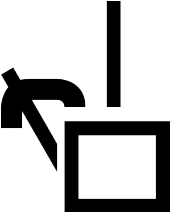

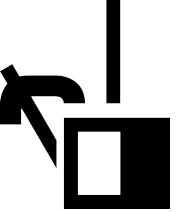

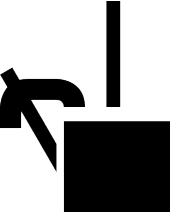


Note: See page 82 & 293 for more information and instruction.



## Index Thumb Angle In, Middle Up


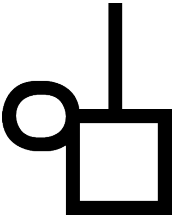

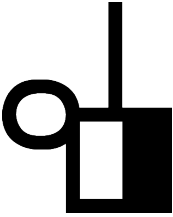

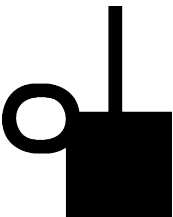

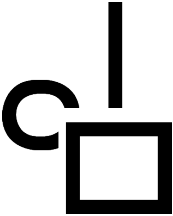



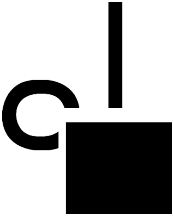
01-03-030

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Thumb Circle, Middle Up

01-03-031

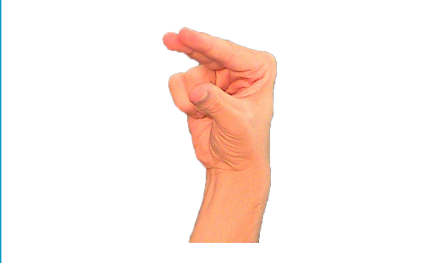
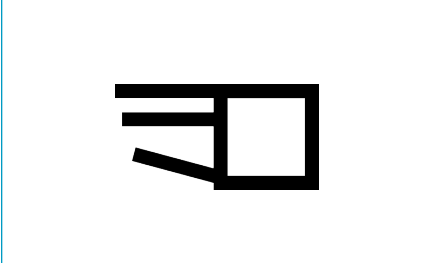
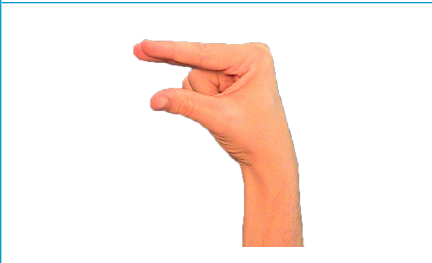
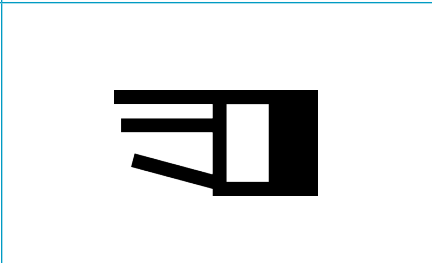
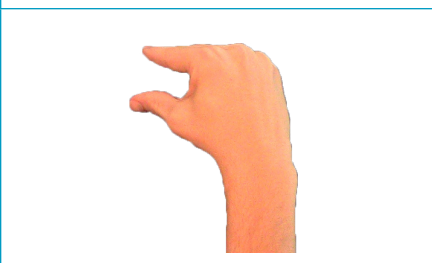
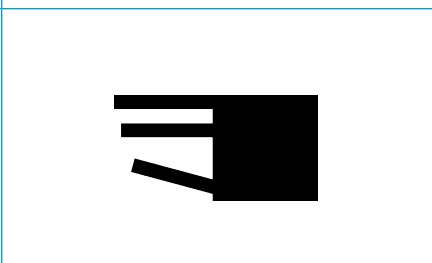
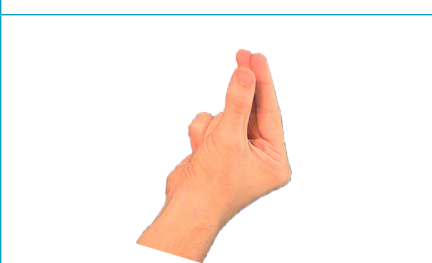
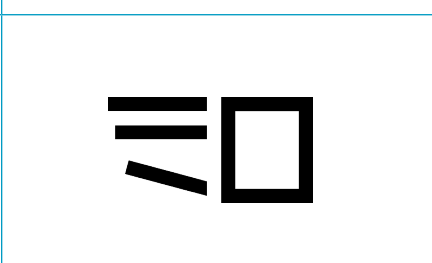
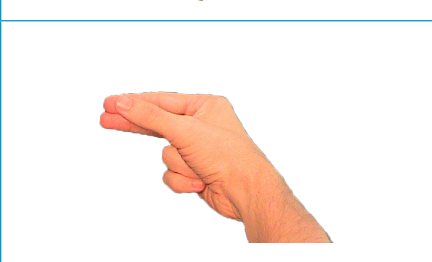
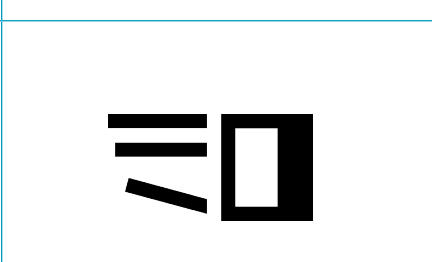
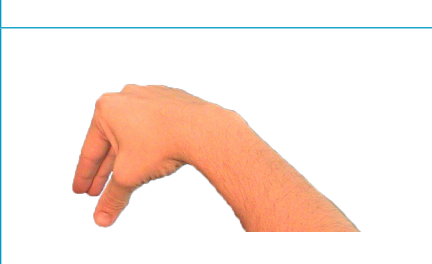
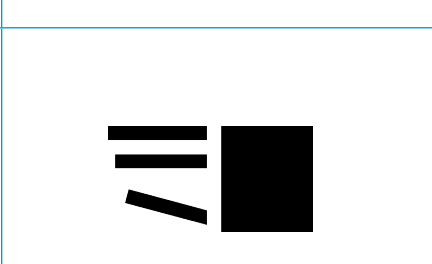
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 82 & 293 for more information and instruction.

# Index Middle Thumb, Unit Hinge









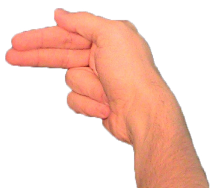



01-03-032

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Middle Thumb, Angle Out

01-03-033









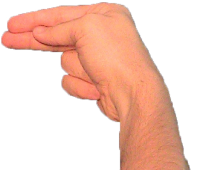



		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 82 & 293 for more information and instruction.

## Index Middle Thumb, Angle


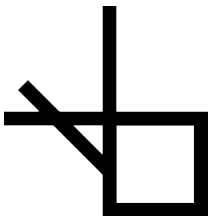

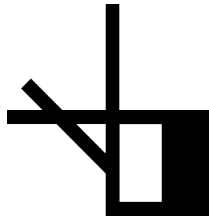

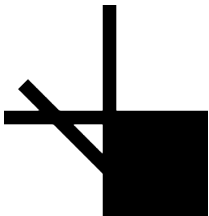

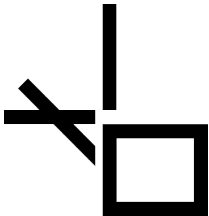

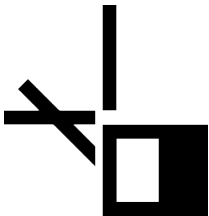
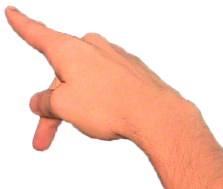
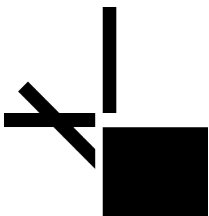
01-03-034

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



## Middle Thumb Angle Out, Index Up

01-03-035


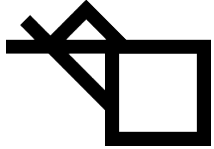

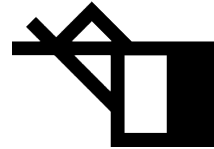

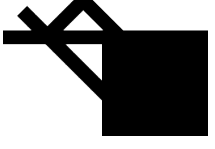



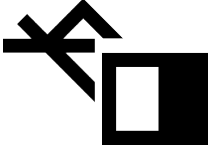


		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 82 & 293 for more information and instruction.

## Middle Thumb Angle Out, Index Crossed


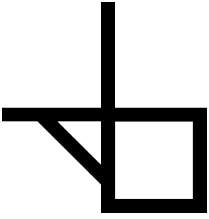

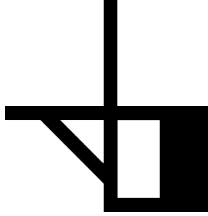

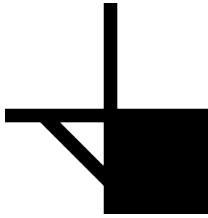

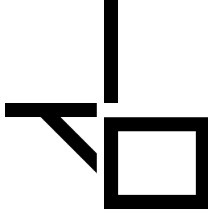
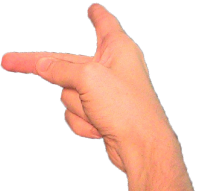
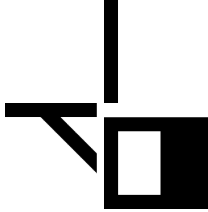

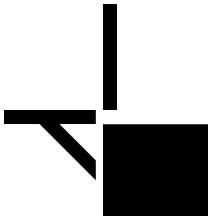
01-03-036

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



## Middle Thumb Angle, Index Up


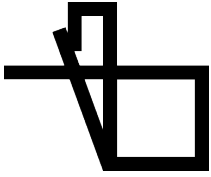

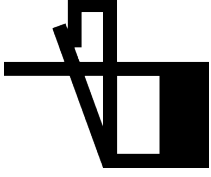

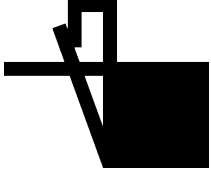

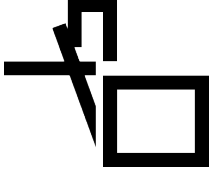

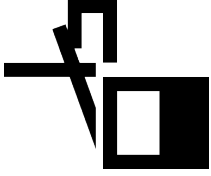
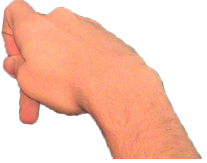
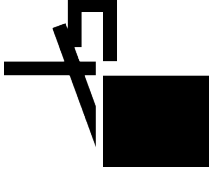
01-03-037

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Thumb Hook, Middle Hinge













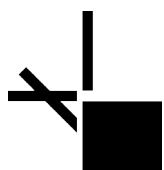
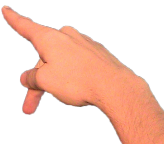

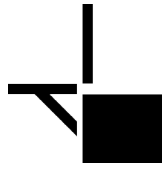


01-03-038

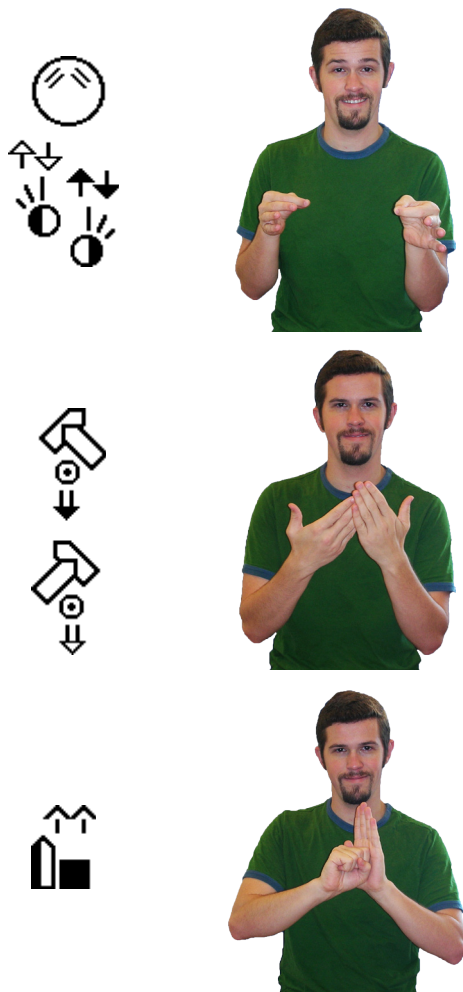
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



## Finger Direction Is Meaningful

Different ways to write the same position: The Top View of the Back of the Hand can be written at a slant. Some writers feel this looks more like real life because the fingers are directed down.



## Chapter 4











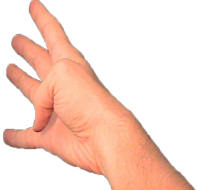



### Group 4: Four Fingers

All Hands With Four Action Fingers  
**Thumb Must Be Across Palm**



# Four Fingers Spread

01-04-001

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 92 & 293 for more information and instruction.

# Four Fingers Spread Bent


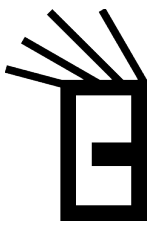



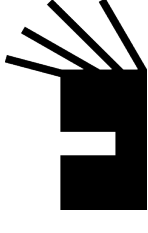

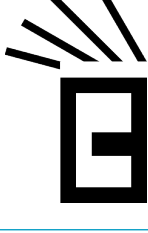

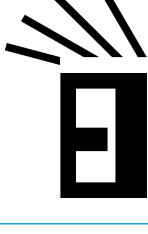

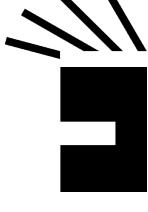
01-04-002

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Four Fingers Spread Hinge

01-04-003









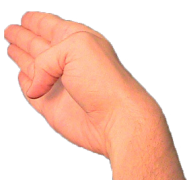



		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 92 & 293 for more information and instruction.

# Four Fingers Unit













01-04-004

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Four Fingers Unit Split

01-04-005

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane






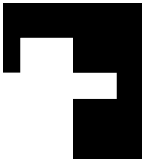

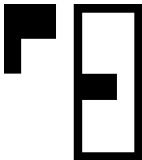



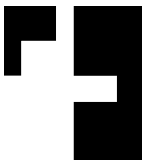


Note: See page 92 & 293 for more information and instruction.



# Four Fingers Unit Claw













01-04-006

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Four Fingers Unit Bent

01-04-007

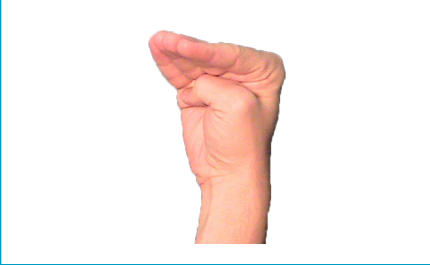
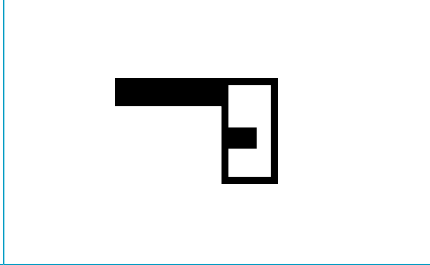
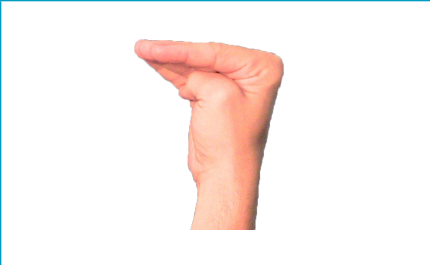
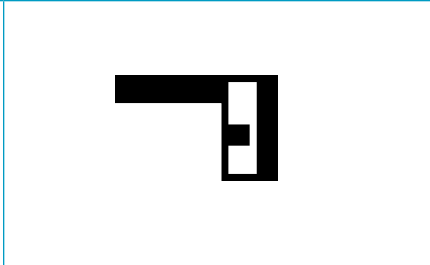
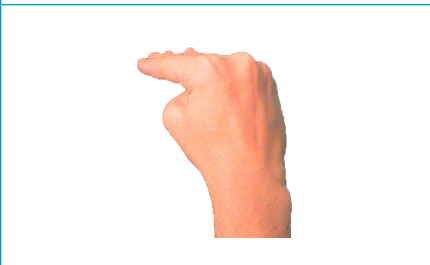
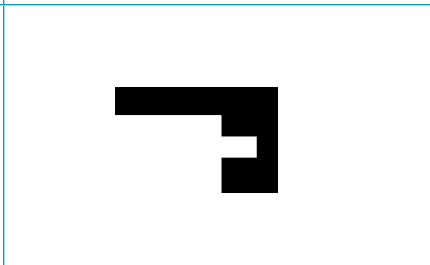
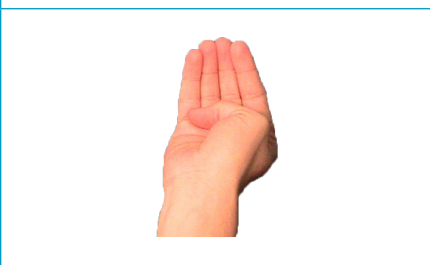
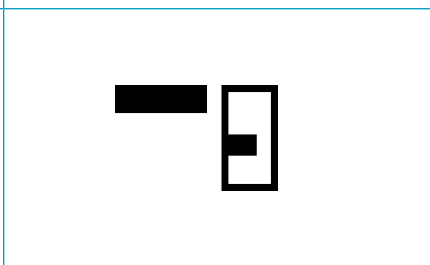
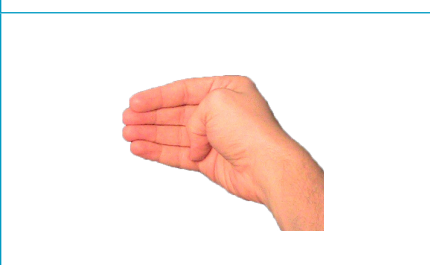
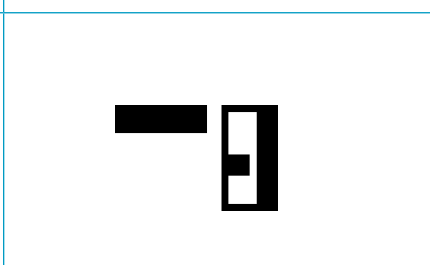
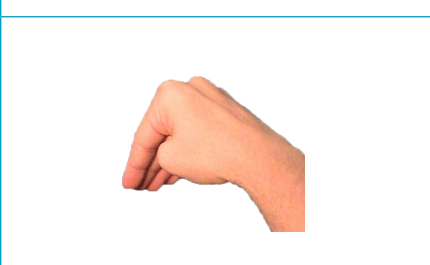
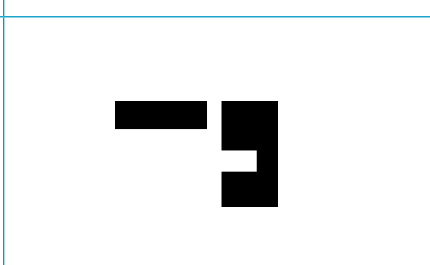
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 92 & 293 for more information and instruction.

# Four Fingers Unit Hinge













01-04-008

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



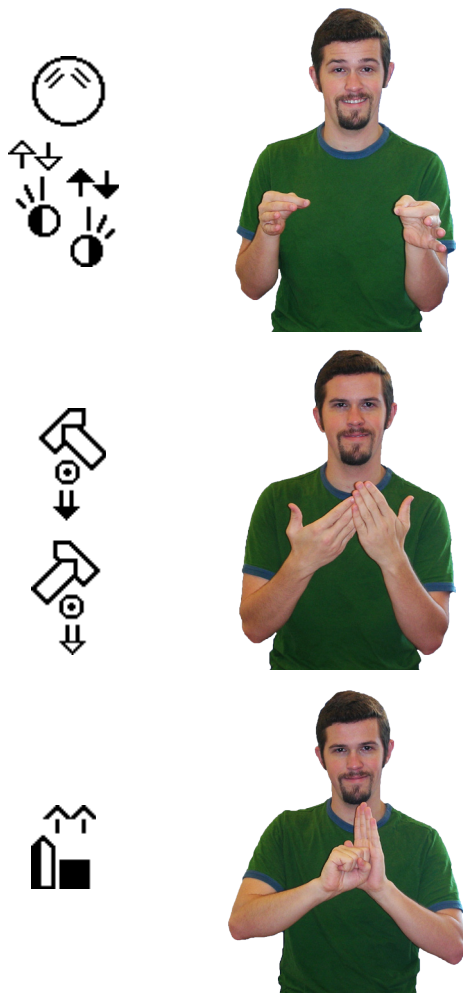
## Finger Direction Is Meaningful

Different ways to write the same position: The Top View of the Back of the Hand can be written at a slant. Some writers feel this looks more like real life because the fingers are directed down.



Note: See page 293 for more information and instruction.



## Chapter 5




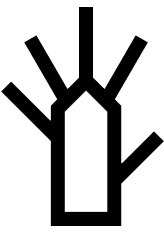










### Group 5: Five Fingers

All Hands With Five Action Fingers

5 Fingers Spread or Together

# Five Fingers Spread

01-05-001













		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 152 & 293 for more information and instruction.

## Five Fingers Spread Heel


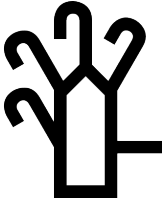

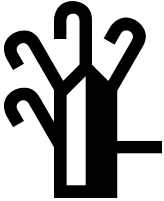

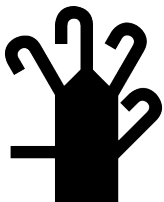

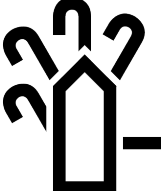

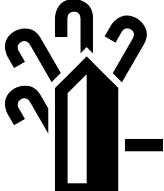

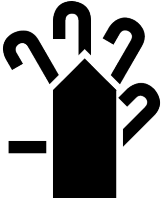
01-05-002

		Palm Up Front View Heel of Hand Hand Projects Forward Parallel to Floor Plane
		Palm Diagonal Up Front View Heel of Hand Hand Projects Forward Relating to Floor Plane
		Thumb Up Front View Heel of Hand Hand Projects Forward Parallel to Floor Plane
		Palm Diagonal Down Front View Heel of Hand Hand Projects Forward Relating to Floor Plane
		Palm Down Front View Heel of Hand Hand Projects Forward Parallel to Floor Plane
		Palm Diagonal Down Front View Heel of Hand Hand Projects Forward Relating to Floor Plane



# Five Fingers Spread, Four Bent

01-05-003

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane















Note: See page 152 & 293 for more information and instruction.



## Five Fingers Spread, Four Bent Heel


01-05-004

		<p>Palm Up</p> <p>Front View Heel of Hand</p> <p>Hand Projects Forward</p> <p>Parallel to Floor Plane</p>
		<p>Palm Diagonal Up</p> <p>Front View Heel of Hand</p> <p>Hand Projects Forward</p> <p>Relating to Floor Plane</p>
		<p>Thumb Up</p> <p>Front View Heel of Hand</p> <p>Hand Projects Forward</p> <p>Parallel to Floor Plane</p>
		<p>Palm Diagonal Down</p> <p>Front View Heel of Hand</p> <p>Hand Projects Forward</p> <p>Relating to Floor Plane</p>
		<p>Palm Down</p> <p>Front View Heel of Hand</p> <p>Hand Projects Forward</p> <p>Parallel to Floor Plane</p>
		<p>Palm Diagonal Down</p> <p>Front View Heel of Hand</p> <p>Hand Projects Forward</p> <p>Relating to Floor Plane</p>



# Five Fingers Spread Bent

01-05-005













		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 152 & 293 for more information and instruction.

## Five Fingers Spread, Bent Heel






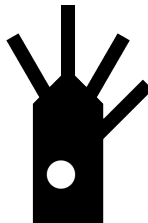





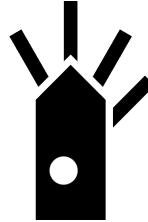
01-05-006

		<p>Palm Up</p> <p>Front View Heel of Hand</p> <p>Hand Projects Forward</p> <p>Parallel to Floor Plane</p>
		<p>Palm Diagonal Up</p> <p>Front View Heel of Hand</p> <p>Hand Projects Forward</p> <p>Relating to Floor Plane</p>
		<p>Thumb Up</p> <p>Front View Heel of Hand</p> <p>Hand Projects Forward</p> <p>Parallel to Floor Plane</p>
		<p>Palm Diagonal Down</p> <p>Front View Heel of Hand</p> <p>Hand Projects Forward</p> <p>Relating to Floor Plane</p>
		<p>Palm Down</p> <p>Front View Heel of Hand</p> <p>Hand Projects Forward</p> <p>Parallel to Floor Plane</p>
		<p>Palm Diagonal Down</p> <p>Front View Heel of Hand</p> <p>Hand Projects Forward</p> <p>Relating to Floor Plane</p>















# Five Fingers Spread, Thumb Forward

01-05-007

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Five Fingers Spread Cup











01-05-008

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane















# Five Fingers Spread Cup Open

01-05-009

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane


# Five Fingers Spread, Hinge Open

01-05-010

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

## Five Fingers Spread Oval

01-05-011

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane















Note: See page 152 & 293 for more information and instruction.



# Five Fingers Spread Hinge

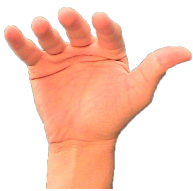
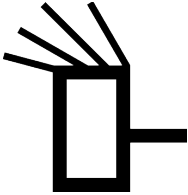

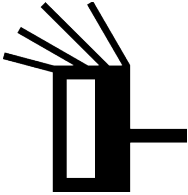

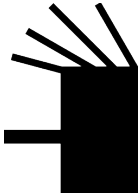

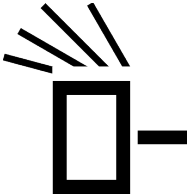

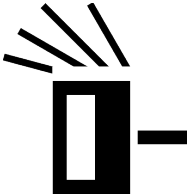

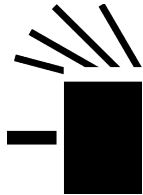
01-05-012

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Five Fingers Spread Hinge, Thumb Side

01-05-013




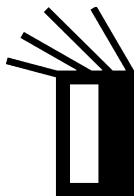








		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 152 & 293 for more information and instruction.

## Five Fingers Spread Hinge, No Thumb













01-05-014

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Flat Hand

01-05-015


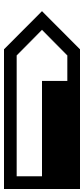



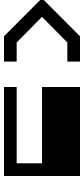


		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 152 & 293 for more information and instruction.

# Flat Hand, Between Palm Facings













01-05-016

		Between Palm of Hand and Side of Hand Front View Parallel Wall Plane
		Between Side of Hand and Back of Hand Front View Parallel Wall Plane
		Between Palm of Hand and Side of Hand Top View Parallel Floor Plane
		Between Side of Hand and Back of Hand Top View Parallel Floor Plane














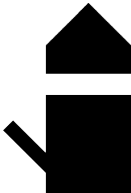
# Flat Heel

01-05-017

		Palm Up Front View Heel of Hand Hand Projects Forward Parallel to Floor Plane
		Palm Diagonal Up Front View Heel of Hand Hand Projects Forward Relating to Floor Plane
		Thumb Up Front View Heel of Hand Hand Projects Forward Parallel to Floor Plane
		Palm Diagonal Down Front View Heel of Hand Hand Projects Forward Relating to Floor Plane
		Palm Down Front View Heel of Hand Hand Projects Forward Parallel to Floor Plane
		Palm Diagonal Down Front View Heel of Hand Hand Projects Forward Relating to Floor Plane

# Flat, Thumb Side













01-05-018

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



## Flat, Thumb Side Heel


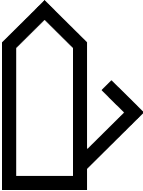










01-05-019

		Palm Up Front View Heel of Hand Hand Projects Forward Parallel to Floor Plane
		Palm Diagonal Up Front View Heel of Hand Hand Projects Forward Relating to Floor Plane
		Thumb Up Front View Heel of Hand Hand Projects Forward Parallel to Floor Plane
		Palm Diagonal Down Front View Heel of Hand Hand Projects Forward Relating to Floor Plane
		Palm Down Front View Heel of Hand Hand Projects Forward Parallel to Floor Plane
		Palm Diagonal Down Front View Heel of Hand Hand Projects Forward Relating to Floor Plane



# Flat, Thumb Bent






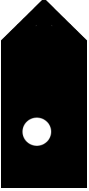





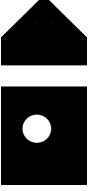
01-05-020

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Flat, Thumb Forward

01-05-021






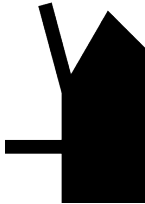





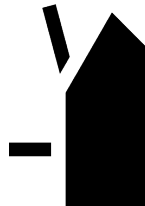
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 152 & 293 for more information and instruction.

# Flat Split Index, Thumb Side


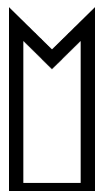

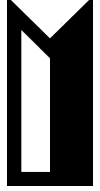

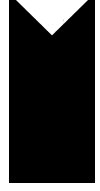

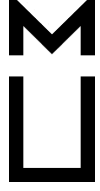



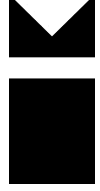
01-05-022

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Flat Split Center

01-05-023


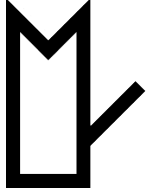



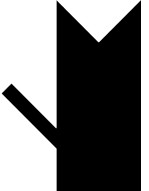






		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 152 & 293 for more information and instruction.

# Flat Split Center, Thumb Side




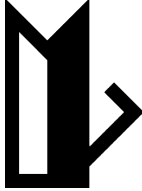




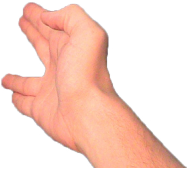



01-05-024

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Flat Split Center, Thumb Side Bent

01-05-025






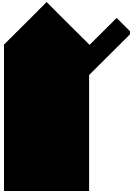






		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 152 & 293 for more information and instruction.

# Flat Split Baby













01-05-026

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Claw


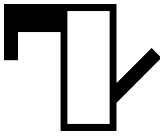




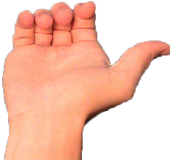





01-05-027

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane















## Claw, Thumb Side

01-05-028

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Claw, No Thumb

01-05-029













		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 152 & 293 for more information and instruction.

# Claw, Thumb Forward









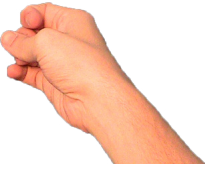



01-05-030

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane















# Hook Curlicue

01-05-031

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane








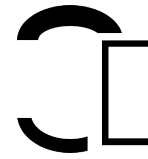
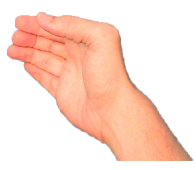



# Hook

01-05-032

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane













# Cup Open

01-05-033

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane


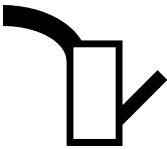





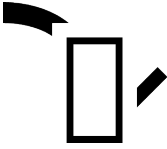




# Cup

01-05-034

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Cup Open, Thumb Side

01-05-035

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane


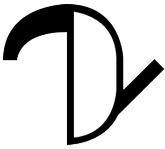

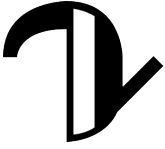



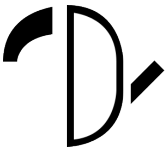

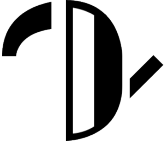




Note: See page 152 & 293 for more information and instruction.




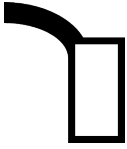

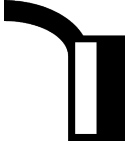



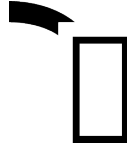




## Cup, Thumb Side

01-05-036

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane













# Cup Open, No Thumb

01-05-037

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Cup, No Thumb


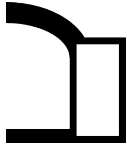





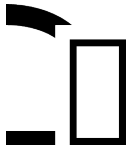

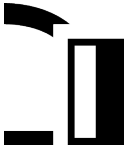

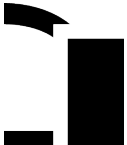
01-05-038

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Cup Open, Thumb Forward

01-05-039









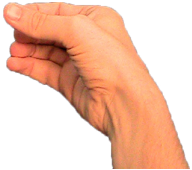



		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 152 & 293 for more information and instruction.

# Cup, Thumb Forward






01-05-040

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Curlicue Open

01-05-041












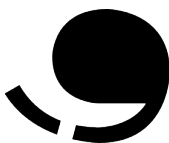
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 152 & 293 for more information and instruction.

# Curlicue


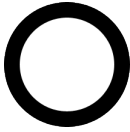



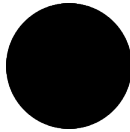


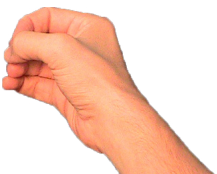



01-05-042

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Circle









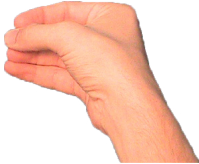



01-05-043

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



## Oval

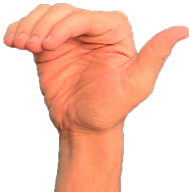





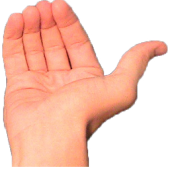





01-05-044

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



## Oval, Thumb Side

01-05-045


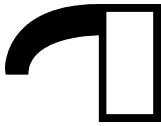





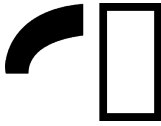




		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 152 & 293 for more information and instruction.









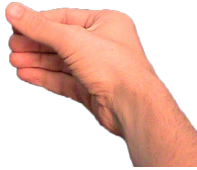



# Oval, No Thumb

01-05-046

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Oval, Thumb Forward

01-05-047













		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 152 & 293 for more information and instruction.

# Hinge Open


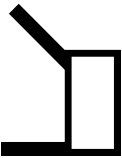



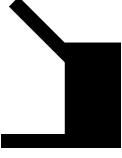






01-05-048

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Hinge Open, Thumb Forward

01-05-049









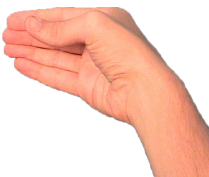



		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 152 & 293 for more information and instruction.

# Hinge













01-05-050

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Hinge Small

01-05-051

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane







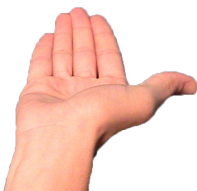







Note: See page 152 & 293 for more information and instruction.



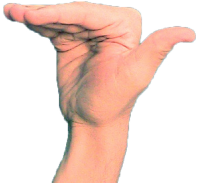











# Hinge Open, Thumb Side

01-05-052

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Hinge, Thumb Side

01-05-053













		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 152 & 293 for more information and instruction.

# Hinge Open, No Thumb













01-05-054

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Hinge, No Thumb

01-05-055


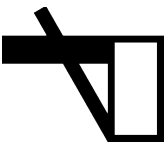

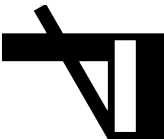
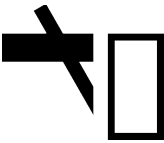
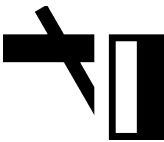

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 152 & 293 for more information and instruction.

# Hinge, Thumb Side Touches Index

01-05-056

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Hinge, Thumb Between Middle Ring

01-05-057









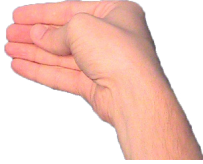

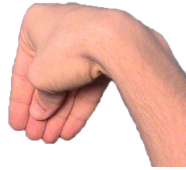

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 152 & 293 for more information and instruction.

# Angle



















01-05-058

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

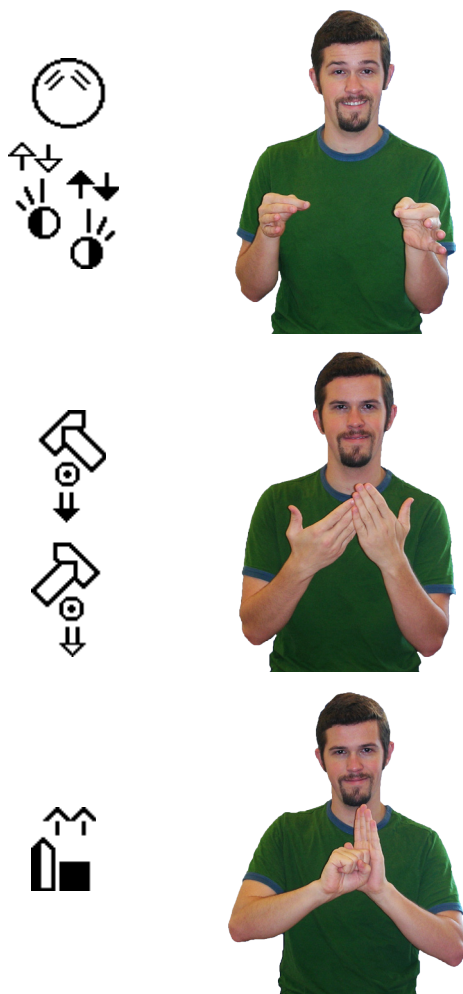


## Finger Direction Is Meaningful

Different ways to write the same position: The Top View of the Back of the Hand can be written at a slant. Some writers feel this looks more like real life because the fingers are directed down.





## Chapter 6




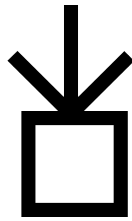

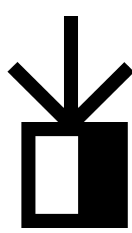

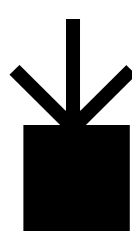

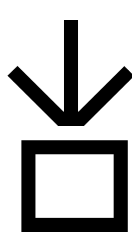

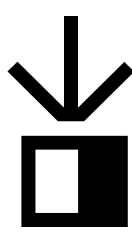

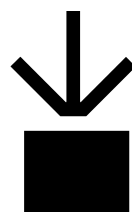
### Group 6: Baby Finger

Hands That Focus on the Little Finger

Little Finger Down or Up

# Index Middle Ring

01-06-001


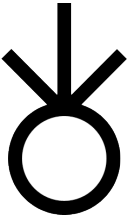










		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 184 & 293 for more information and instruction.


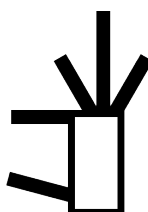

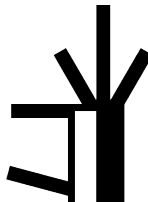

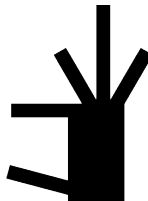

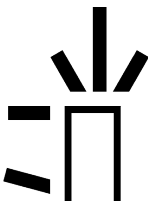

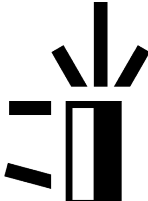

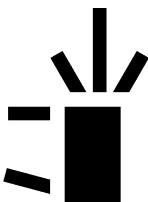
# Index Middle Ring on Circle

01-06-002

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Index Middle Ring on Hinge

01-06-003


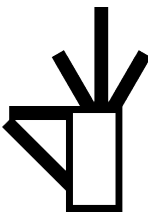



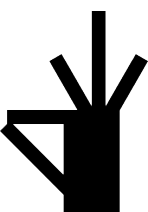

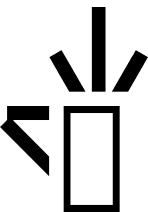

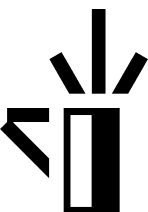

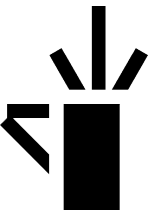
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 184 & 293 for more information and instruction.

## Index Middle Ring on Angle


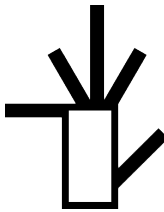

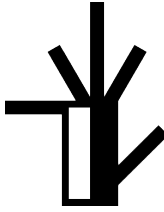

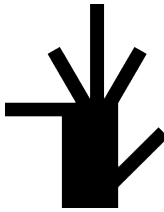

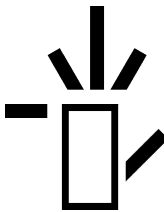

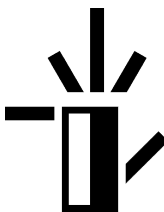

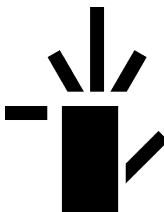
01-06-004

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Baby Hinge

01-06-005




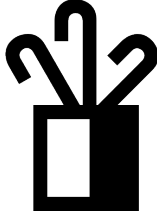








		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 184 & 293 for more information and instruction.


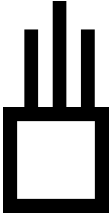

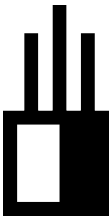



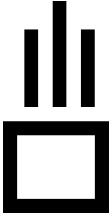




# Index Middle Ring, Bent

01-06-006

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Index Middle Ring, Unit

01-06-007

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane









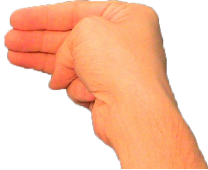





Note: See page 184 & 293 for more information and instruction.



# Index Middle Ring, Unit Hinge

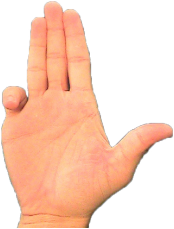
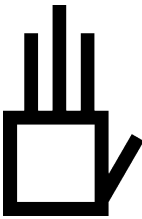

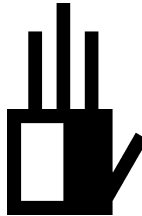

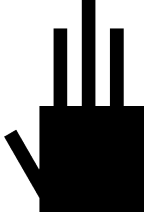





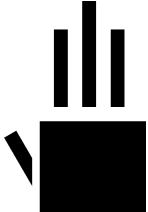
01-06-008

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane




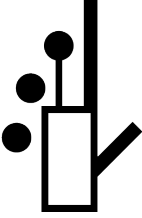

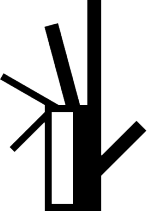

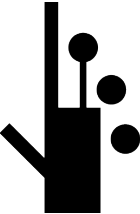

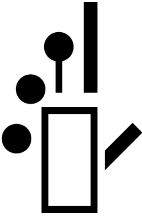

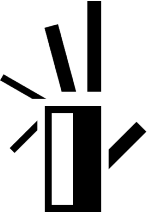

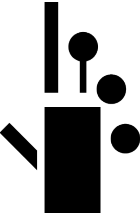
# Baby Down

01-06-009

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Baby Down, Ripple Straight


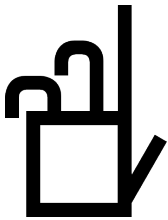

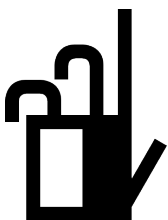

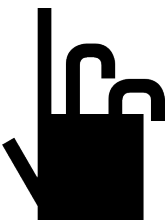






01-06-010

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



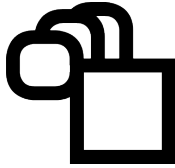


# Baby Down, Ripple Curved

01-06-011

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

## Baby Down, Others Circle


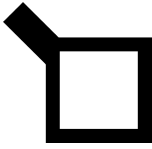

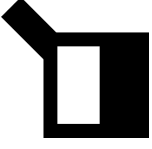

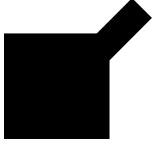

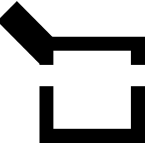

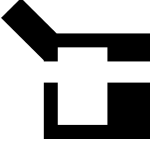

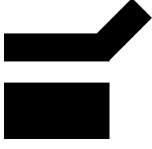
01-06-012

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Baby Up

01-06-013


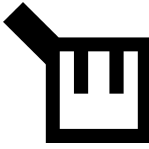

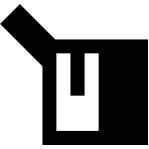



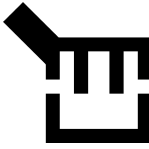

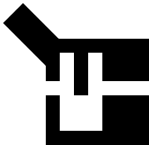

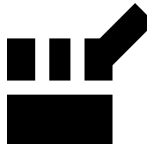
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 184 & 293 for more information and instruction.

# Baby Up on Fist Thumb Under


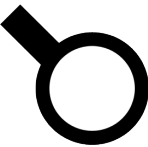

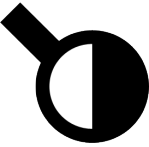



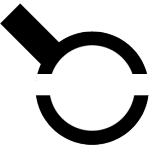

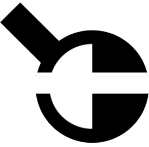


01-06-014

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Baby Up on Circle

01-06-015

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane








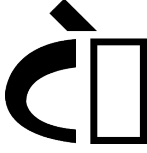






Note: See page 184 & 293 for more information and instruction.




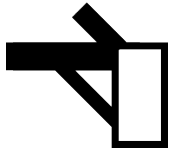




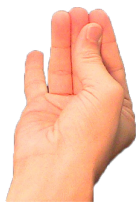
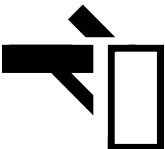
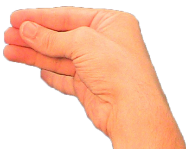



# Baby Up on Oval

01-06-016

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Baby Up on Angle

01-06-017


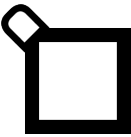







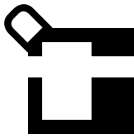


		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 184 & 293 for more information and instruction.

# Baby Raised Knuckle








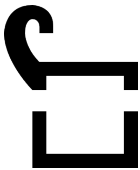

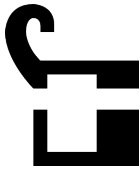

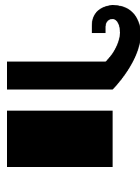
01-06-018

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Baby Bent

01-06-019

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Baby Touches Thumb


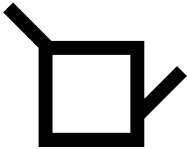

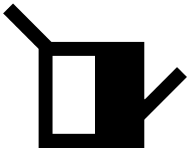

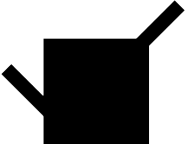

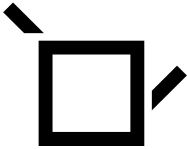

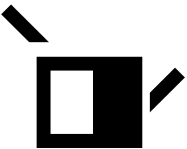

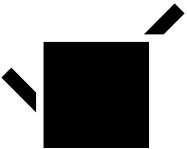
01-06-020

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Baby Thumb

01-06-021


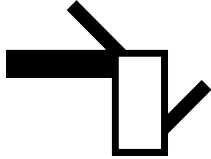

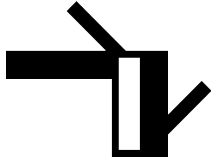

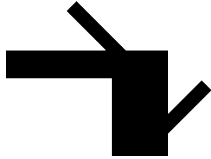
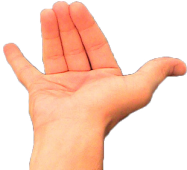
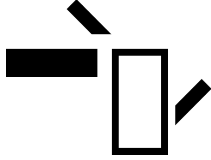
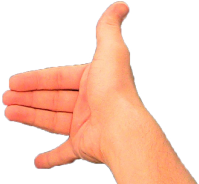
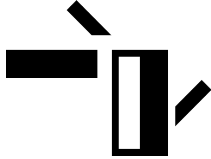


		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 184 & 293 for more information and instruction.


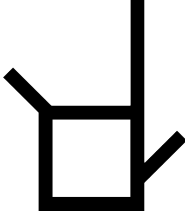

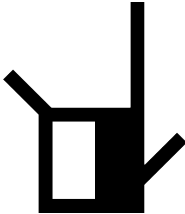

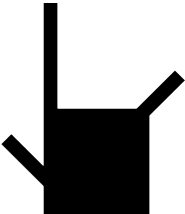

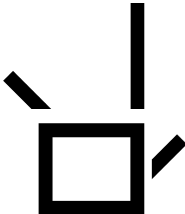

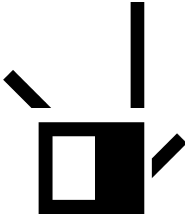

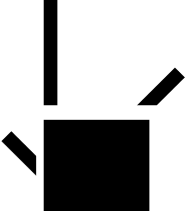
# Baby Thumb on Hinge

01-06-022

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Baby Index Thumb


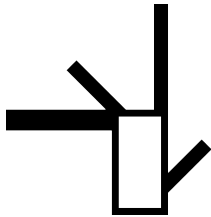

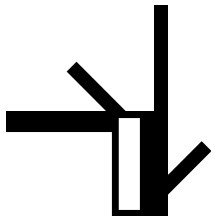

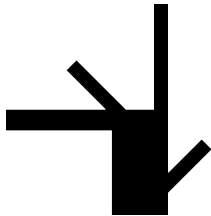

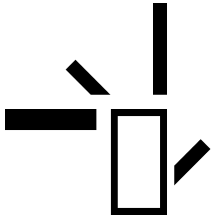
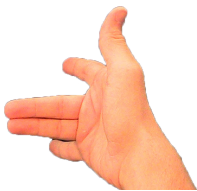
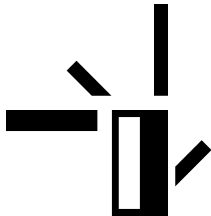

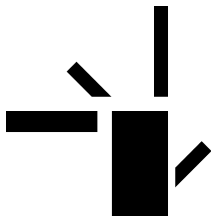
01-06-023

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane




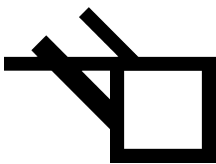

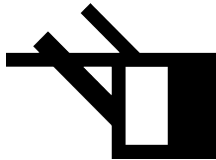

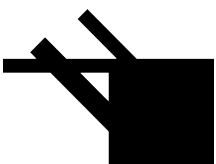

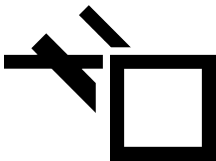




# Baby Index Thumb on Hinge

01-06-024

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Baby Index Thumb, Index Thumb Angle Out

01-06-025


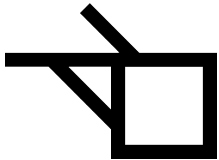

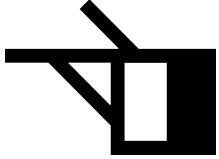

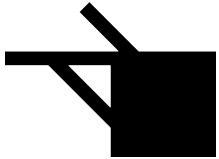


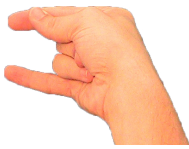



		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 184 & 293 for more information and instruction.


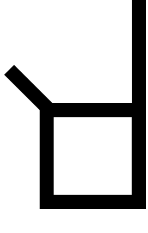

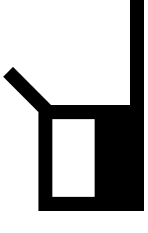



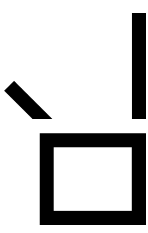

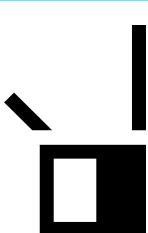


## Baby Index Thumb, Index Thumb Angle

01-06-026

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane


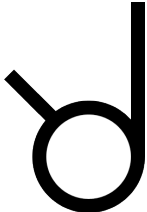

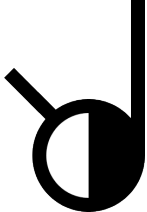

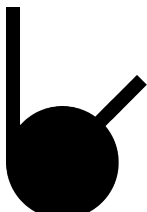





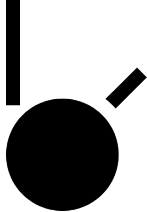
# Baby Index

01-06-027

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Baby Index on Circle


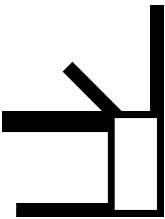

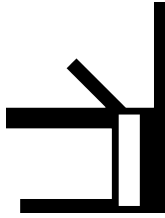

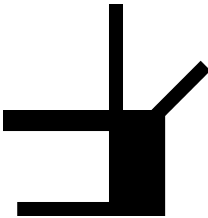

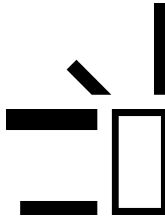
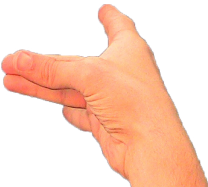


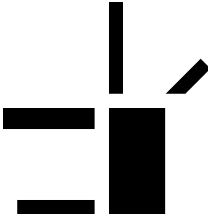
01-06-028

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Baby Index on Hinge

01-06-029


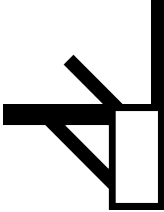

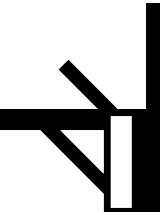

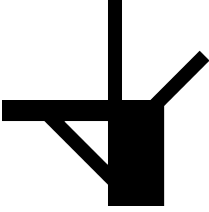

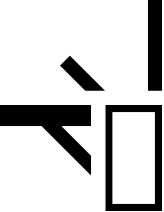



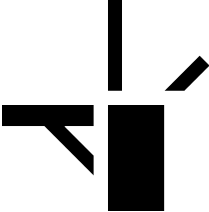
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 184 & 293 for more information and instruction.



















## Baby Index on Angle

01-06-030

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

## Finger Direction Is Meaningful

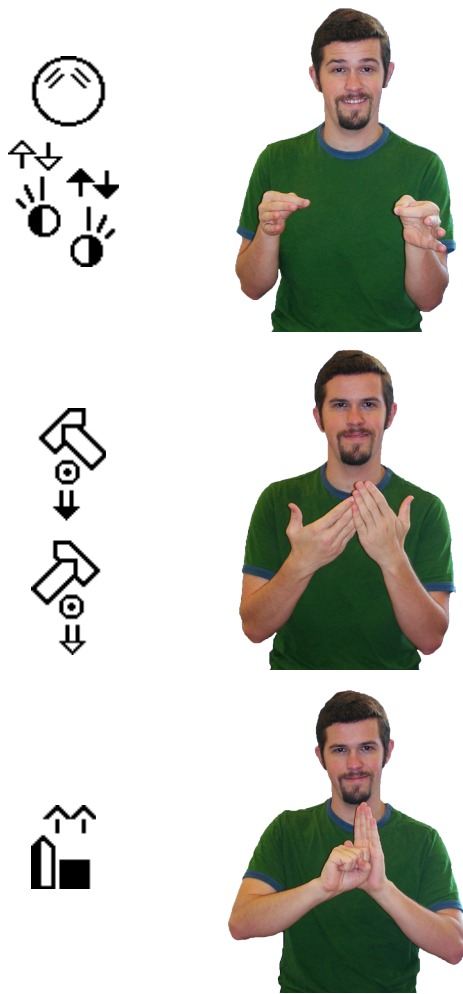
Different ways to write the same position: The Top View of the Back of the Hand can be written at a slant. Some writers feel this looks more like real life because the fingers are directed down.

OR

both angles are correct





## Chapter 7




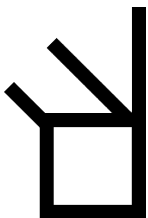

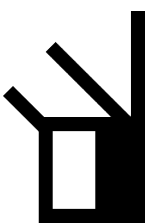

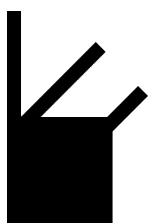





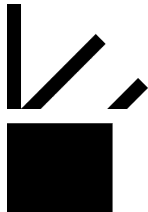
### Group 7: Ring Finger

Hands That Focus on the Ring Finger

Ring Finger Down or Up


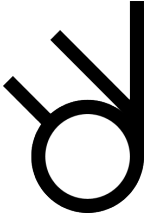



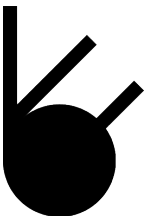

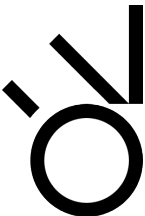



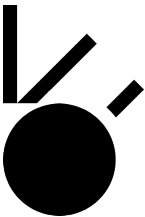
# Index Middle Baby

01-07-001

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane


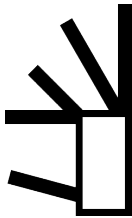

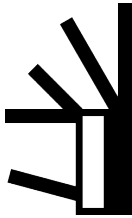

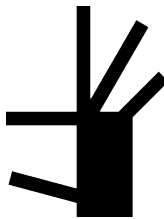





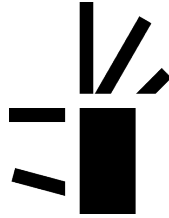
# Index Middle Baby on Circle

01-07-002

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Index Middle Baby on Hinge

01-07-003


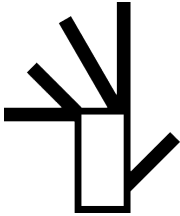

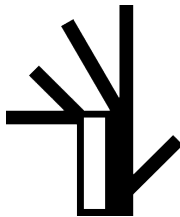

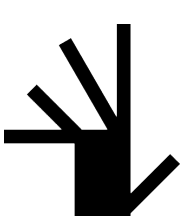

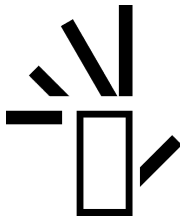

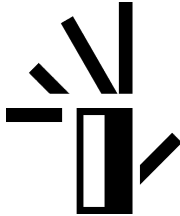

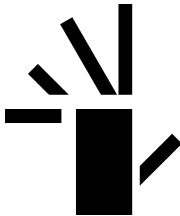
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 208 & 293 for more information and instruction.

# Ring Hinge













01-07-004

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Middle Baby on Angle

01-07-005


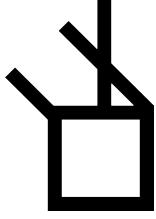

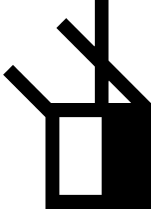

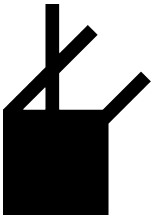

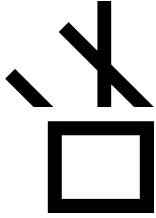

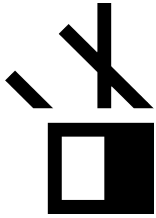

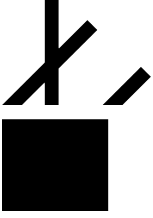
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 208 & 293 for more information and instruction.

# Index Middle Cross with Baby


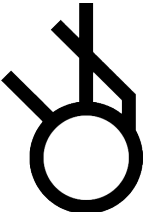





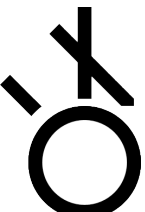

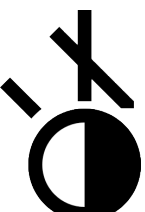

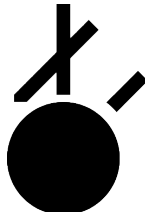
01-07-006

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



## Index Middle Cross with Baby on Circle

01-07-007

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

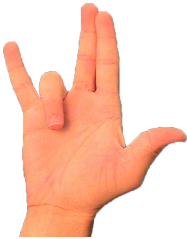
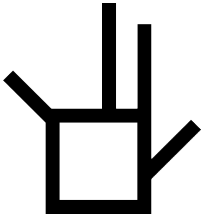

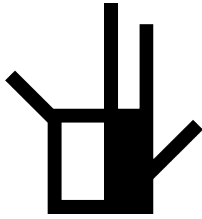

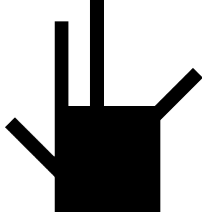

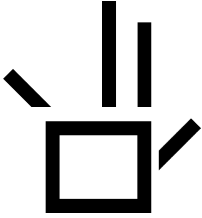

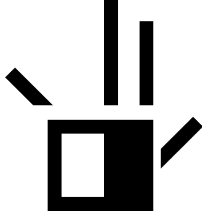

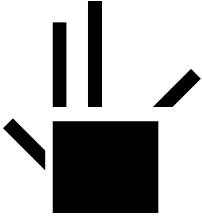


Note: See page 208 & 293 for more information and instruction.



# Ring Down

01-07-008

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Ring Down, Index Thumb Hook, Middle Hinge

01-07-009


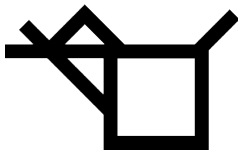

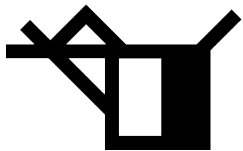

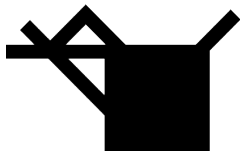

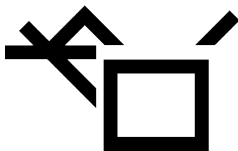

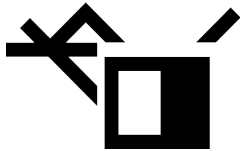

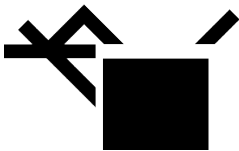
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 208 & 293 for more information and instruction.

# Ring Down, Middle Thumb Angle, Index Cross






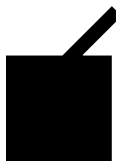






01-07-010

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		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Ring Up

01-07-011










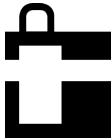


		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 208 & 293 for more information and instruction.

# Ring Raised Knuckle


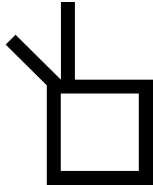

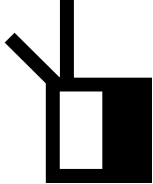

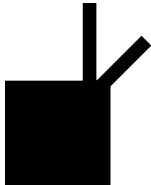

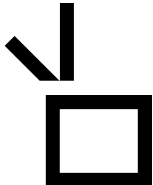

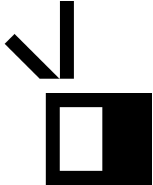

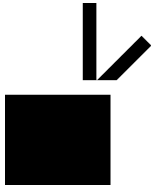
01-07-012

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
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		Back of Hand Top View Parallel Floor Plane



# Ring Baby

01-07-013


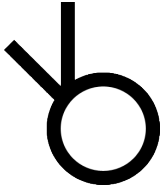

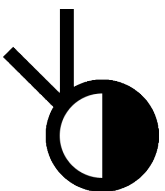

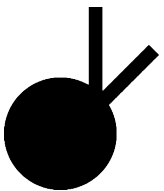

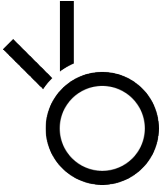

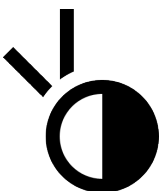

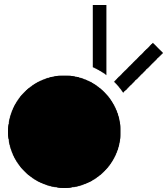
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		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 208 & 293 for more information and instruction.

# Ring Baby on Circle






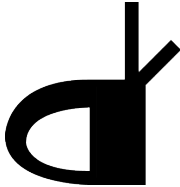


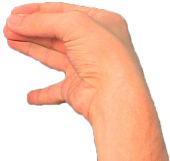



01-07-014

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		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Ring Baby on Oval


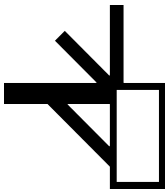

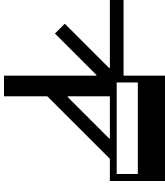

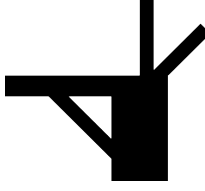

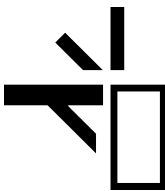



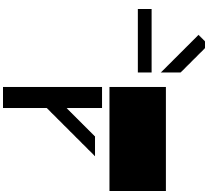
01-07-015

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane




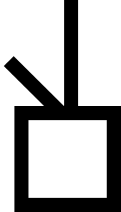



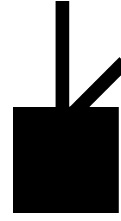

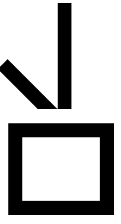
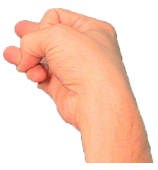


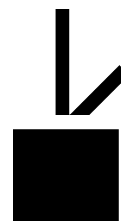
# Ring Baby on Angle

01-07-016

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane


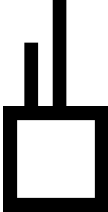

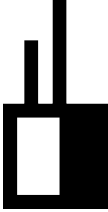



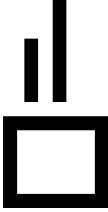




# Ring Middle

01-07-017

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Ring Middle Unit

01-07-018

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane




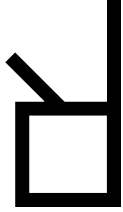



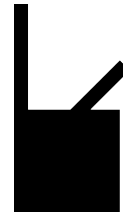

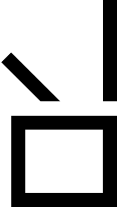



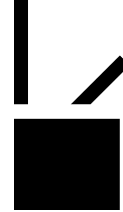
# Ring Middle Raised Knuckles

01-07-019

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Ring Index


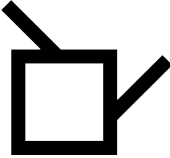

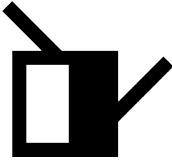

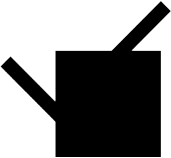

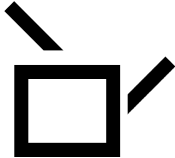

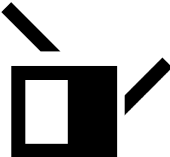

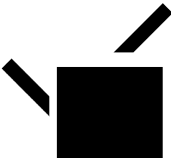
01-07-020

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane















# Ring Thumb

01-07-021

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane
















# Ring Thumb Hook

01-07-022

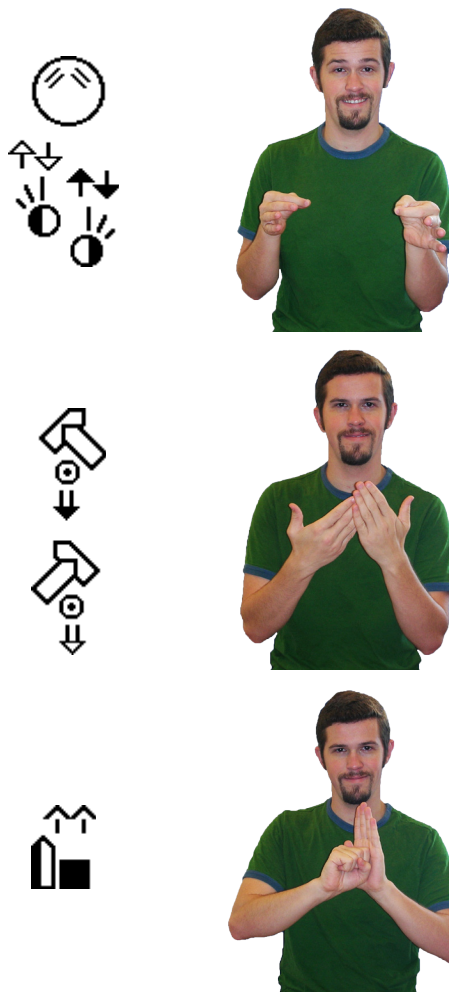
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

## Finger Direction Is Meaningful

Different ways to write the same position: The Top View of the Back of the Hand can be written at a slant. Some writers feel this looks more like real life because the fingers are directed down.





## Chapter 8



### Group 8: Middle Finger






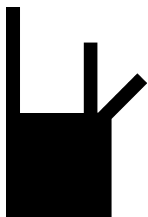

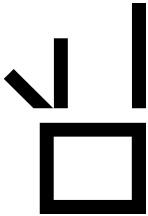



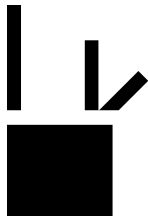
Hands That Focus on the Middle Finger

**Middle Finger Down or Up**






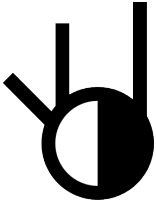

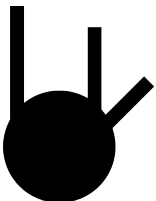

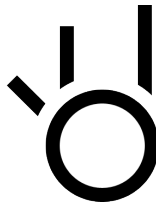

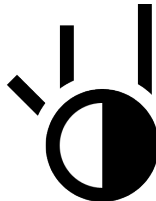

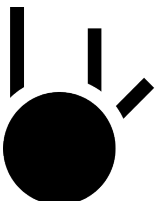
# Index Ring Baby

01-08-001

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Index Ring Baby on Circle


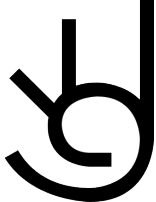



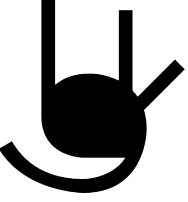

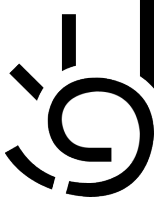



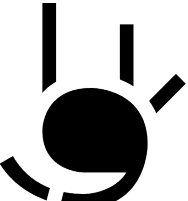
01-08-002

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane








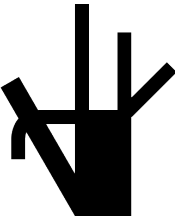





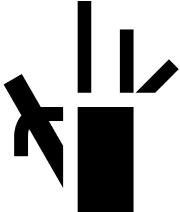
# Index Ring Baby on Curlicue

01-08-003

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Index Ring Baby on Hook Out






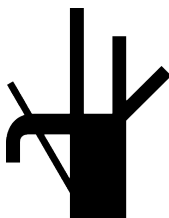





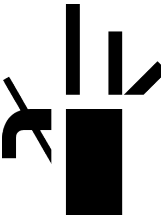
01-08-004

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Ring Baby on Hook In

01-08-005






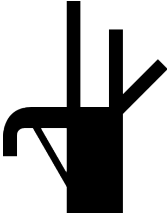


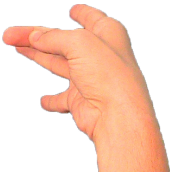


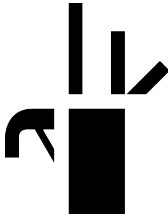
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 293 for more information and instruction.

# Index Ring Baby on Hook Under


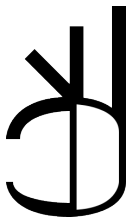



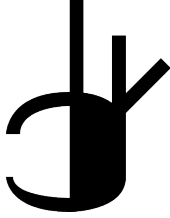





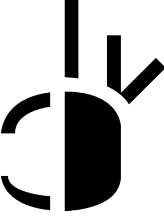
01-08-006

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Ring Baby on Cup

01-08-007

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane


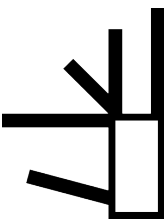

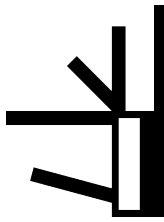

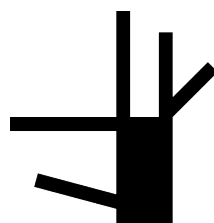

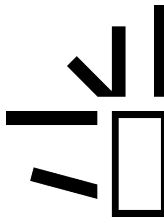

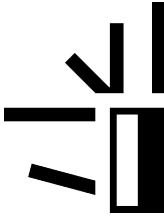
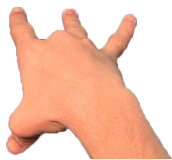
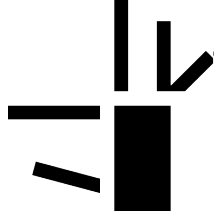


Note: See page 293 for more information and instruction.



# Index Ring Baby on Hinge


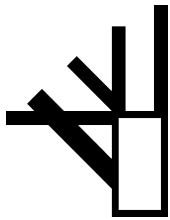

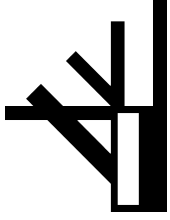

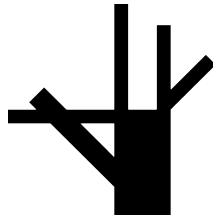

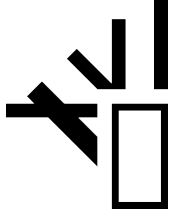

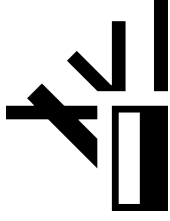

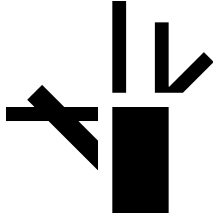
01-08-008

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



## Index Ring Baby on Angle Out

01-08-009


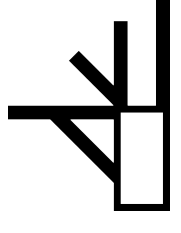

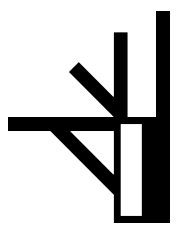

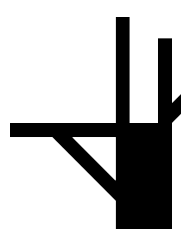

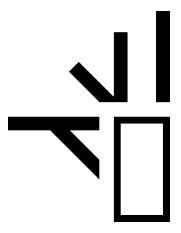

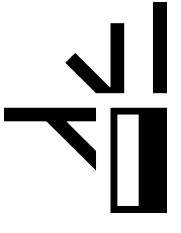

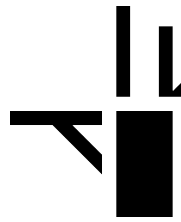
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 293 for more information and instruction.

## Index Ring Baby on Angle


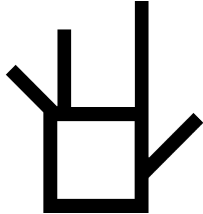

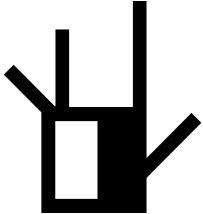

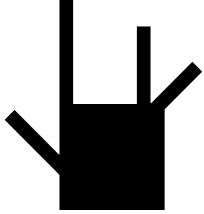

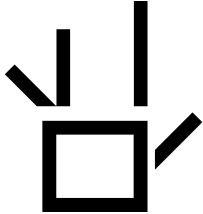

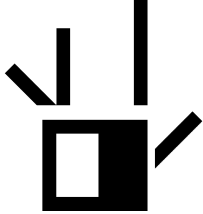

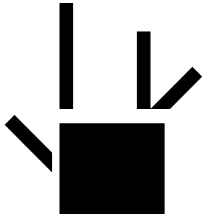
01-08-010

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane




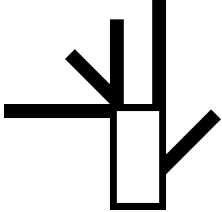

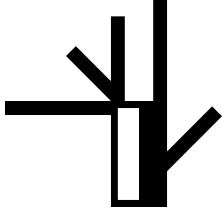

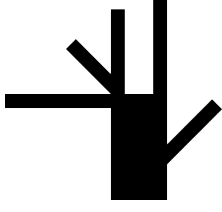

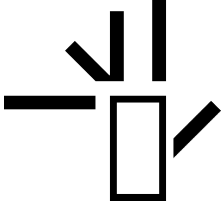

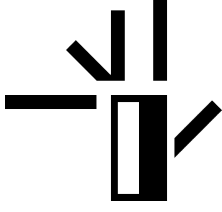
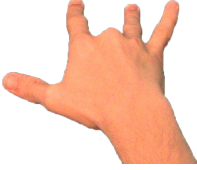
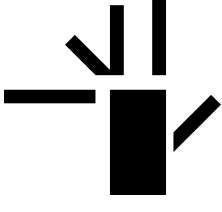
## Middle Down

01-08-011

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane


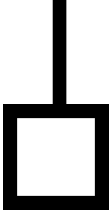










## Middle Hinge

01-08-012

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane


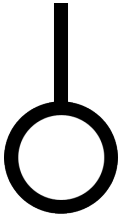

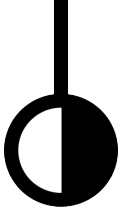

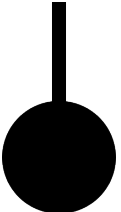

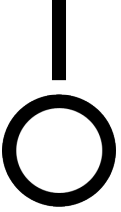
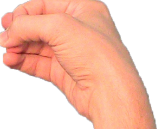
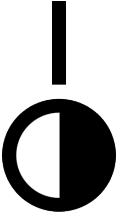

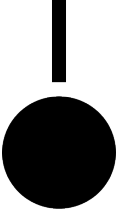
## Middle Up

01-08-013

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane













## Middle Up on Circle

01-08-014

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Middle Raised Knuckle

01-08-015

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

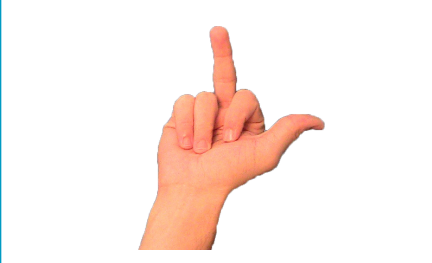
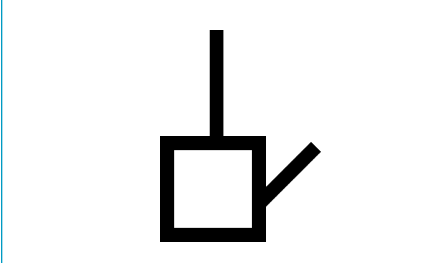
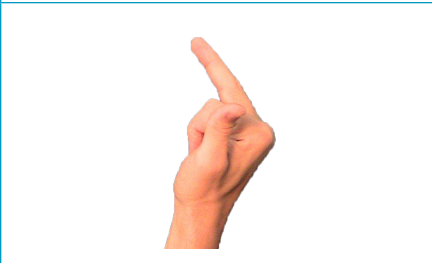
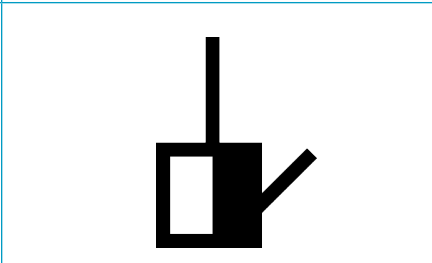
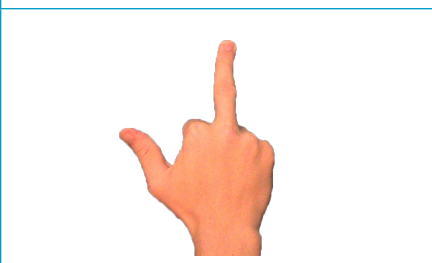
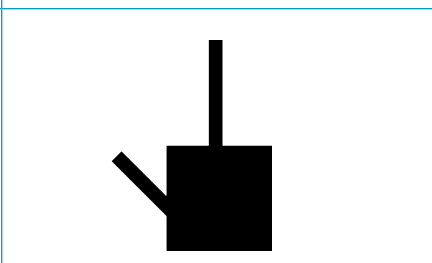
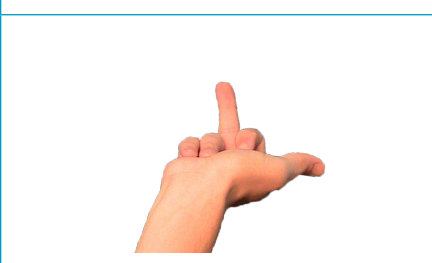
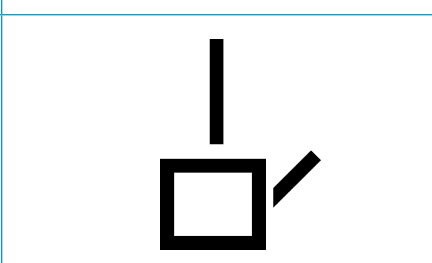
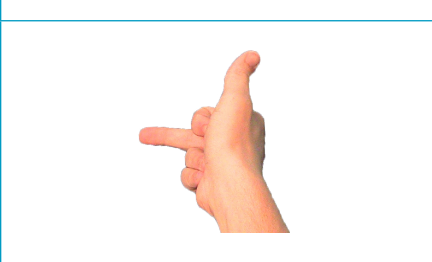
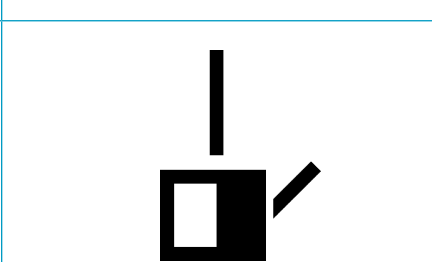
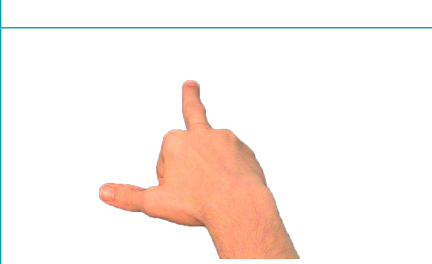
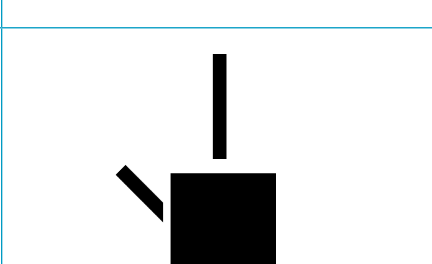


Note: See page 293 for more information and instruction.



## Middle Up, Thumb Side


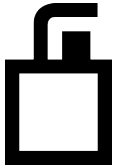



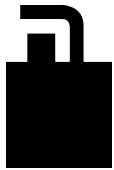

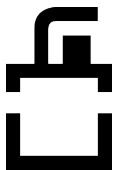

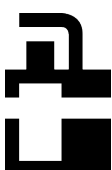

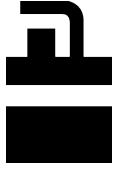
01-08-016

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane




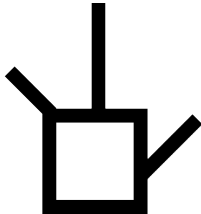

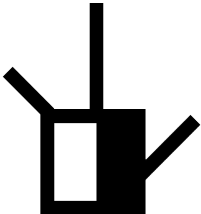

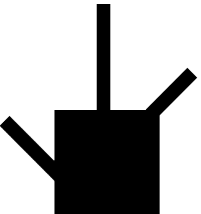

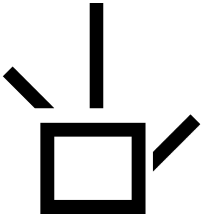

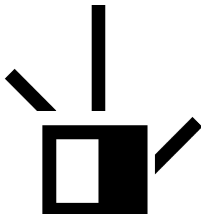

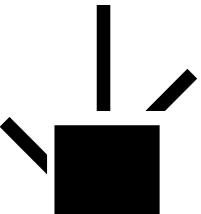
# Middle Thumb Hook

01-08-017

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Middle Thumb Baby


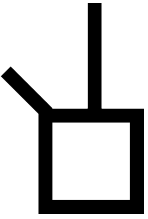

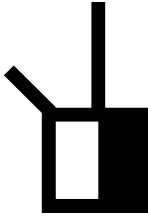

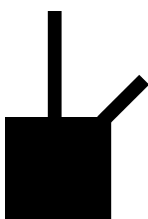

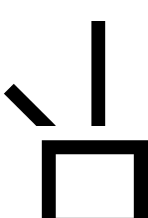

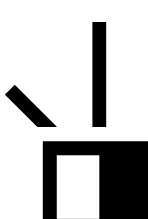

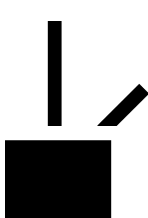
01-08-018

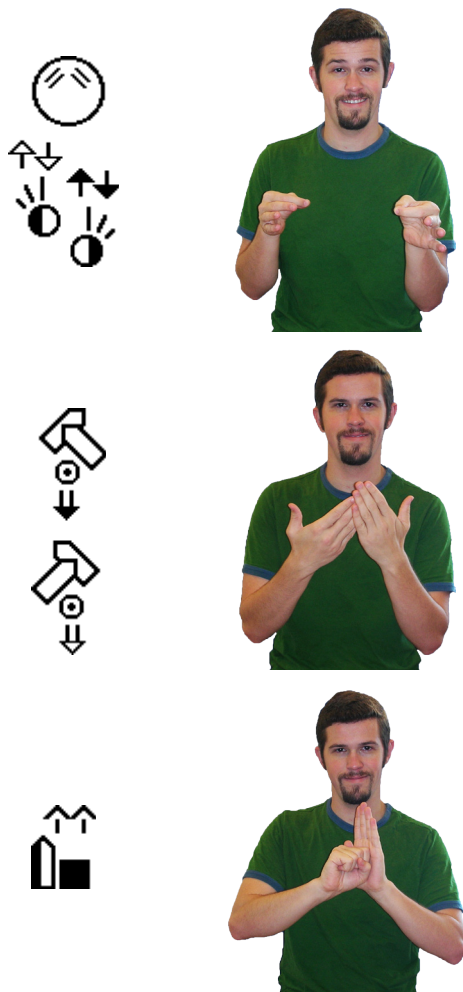
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



## Middle Baby

01-08-019

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



## Chapter 9




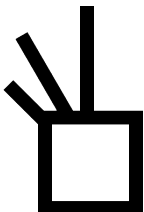

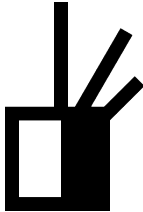

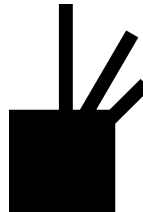






### Group 9: Index Thumb

All Hands With Two Action Fingers:

**Index Finger & Thumb**


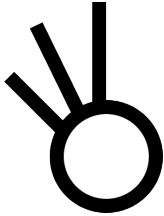

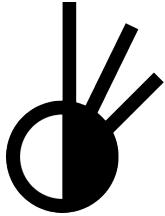

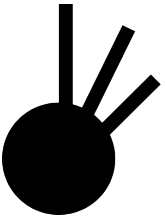

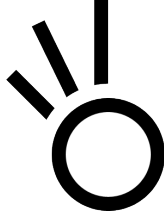

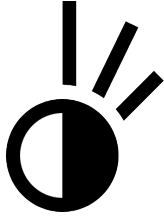

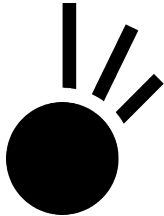
# Middle Ring Baby

01-09-001

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane


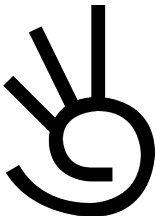

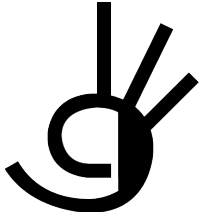

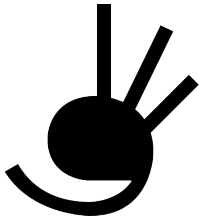

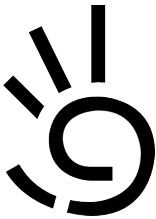

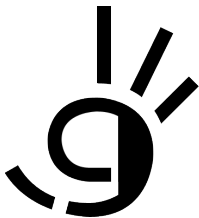

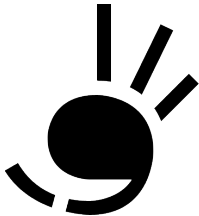
# Middle Ring Baby on Circle

01-09-002

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

## Middle Ring Baby on Curlicue

01-09-003

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane


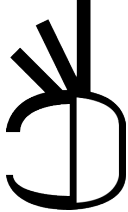

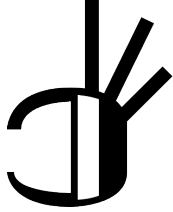

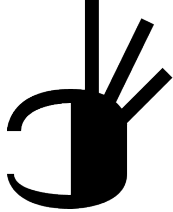

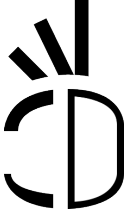

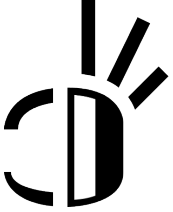

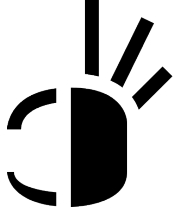


Note: See page 270 & 293 for more information and instruction.




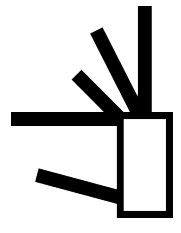

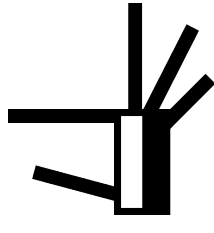

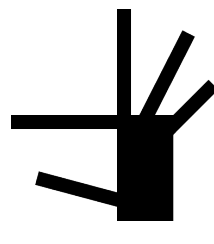

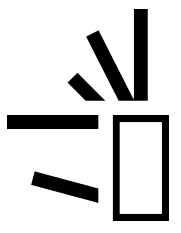

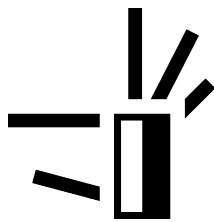

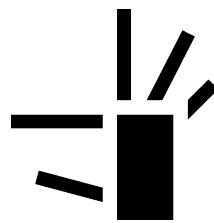
## Middle Ring Baby on Cup

01-09-004

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

## Middle Ring Baby on Hinge

01-09-005


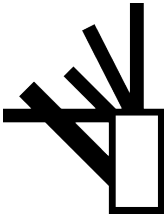

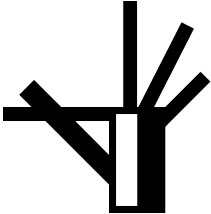

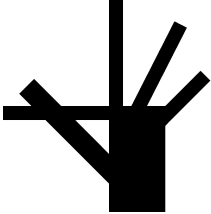

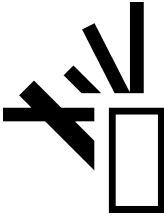

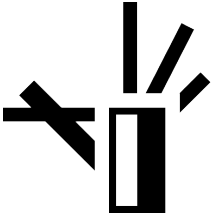

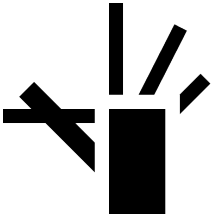
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 270 & 293 for more information and instruction.

## Middle Ring Baby on Angle Out


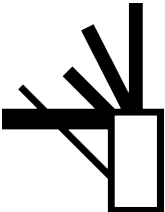

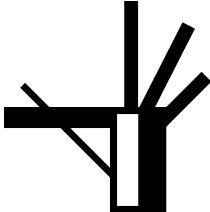

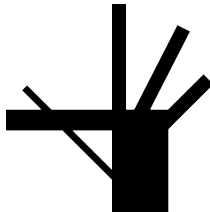

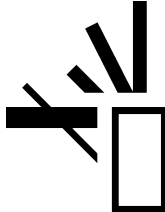

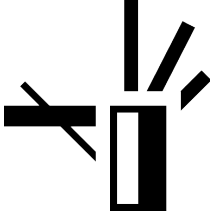

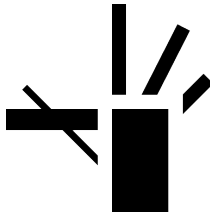
01-09-006

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



## Middle Ring Baby on Angle In

01-09-007


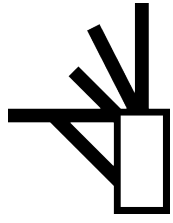

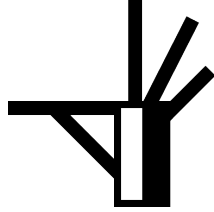

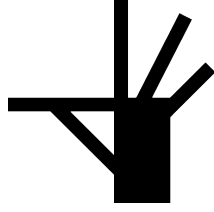

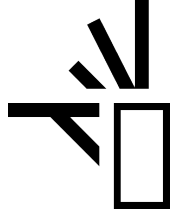

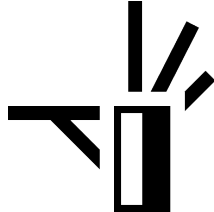

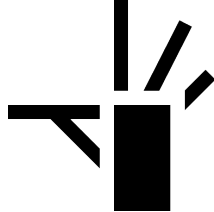
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 270 & 293 for more information and instruction.

## Middle Ring Baby on Angle

01-09-008

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

## Middle Ring Baby Bent

01-09-009


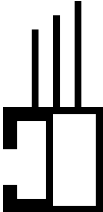



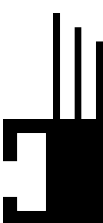






		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 270 & 293 for more information and instruction.

# Middle Ring Baby Unit on Claw


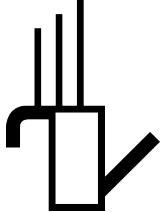

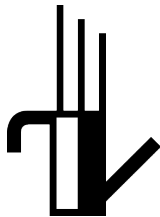

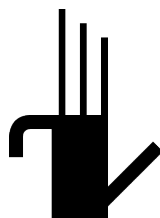
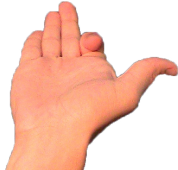
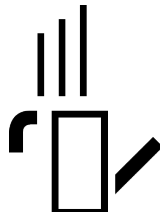

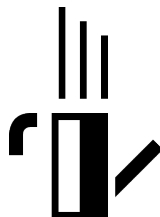

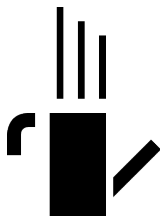
01-09-010

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



## Middle Ring Baby Unit on Claw Side

01-09-011

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane












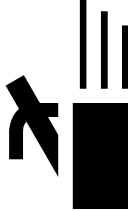


Note: See page 270 & 293 for more information and instruction.



# Middle Ring Baby Unit on Hook Out


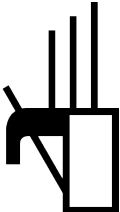

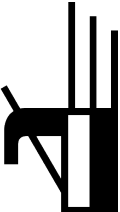

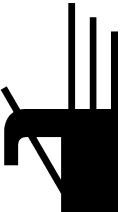

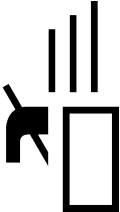

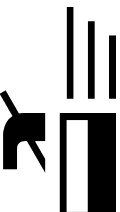

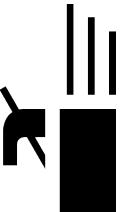
01-09-012

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Middle Ring Baby Unit on Hook In

01-09-013






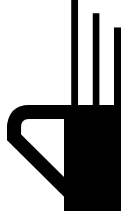






		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 270 & 293 for more information and instruction.

# Middle Ring Baby Unit on Hook


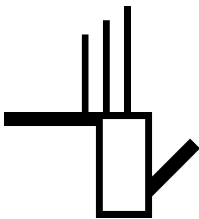

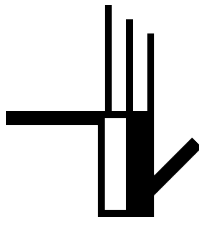

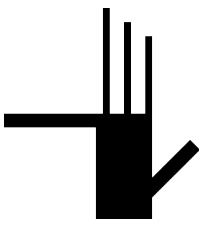

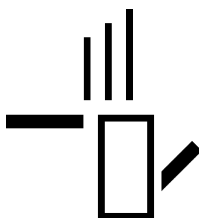

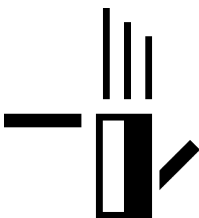

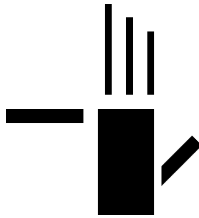
01-09-014

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Hinge

01-09-015


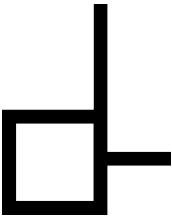

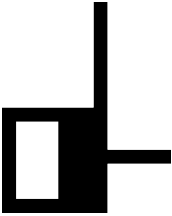

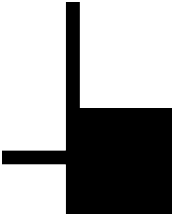

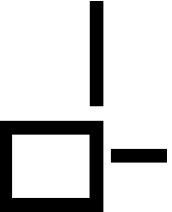

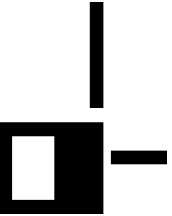

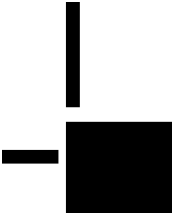
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 270 & 293 for more information and instruction.

# Index Thumb Side


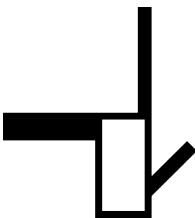

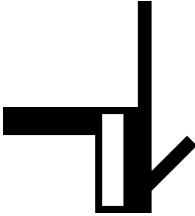

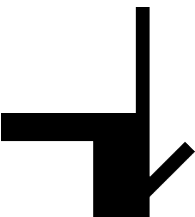

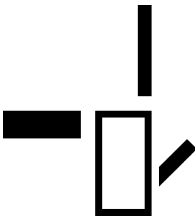

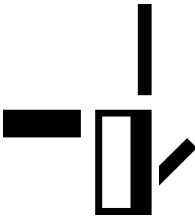

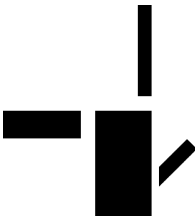
01-09-016

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Thumb Side on Hinge

01-09-017


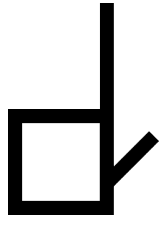

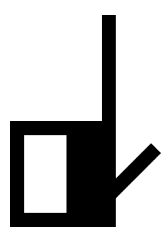

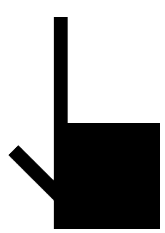

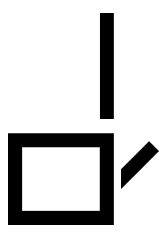

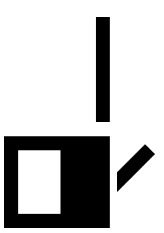

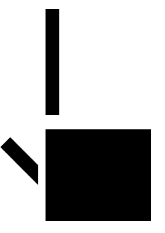
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 270 & 293 for more information and instruction.

# Index Thumb Side, Thumb Diagonal


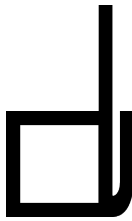



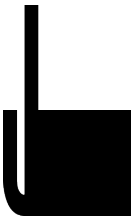

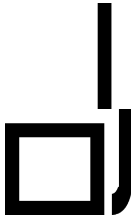




01-09-018

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Thumb Side, Thumb Unit

01-09-019

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane


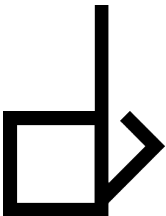

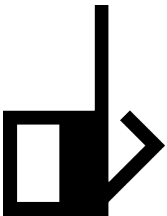

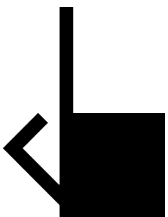

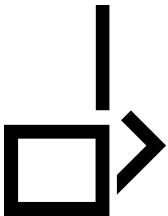

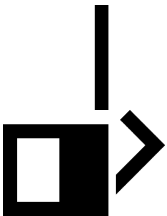

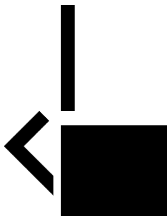


Note: See page 270 & 293 for more information and instruction.



## Index Thumb Side, Thumb Bent


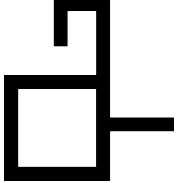

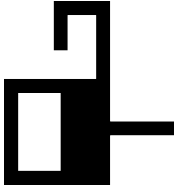

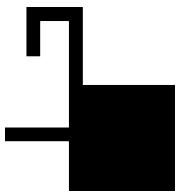

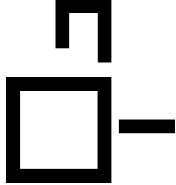

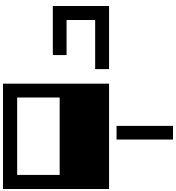

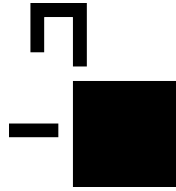
01-09-020

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Thumb Side, Index Bent

01-09-021


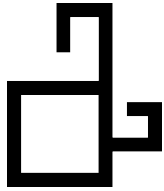

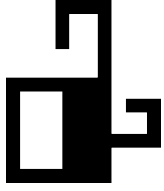

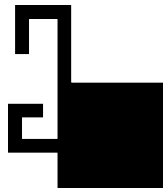

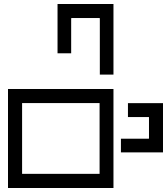

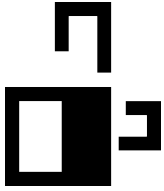
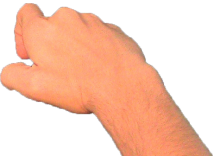

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 270 & 293 for more information and instruction.

## Index Thumb Side, Both Bent


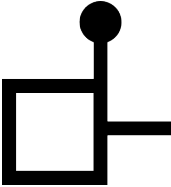



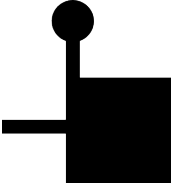

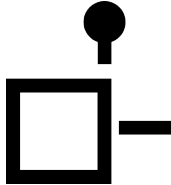



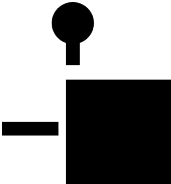
01-09-022

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Thumb Side, Index Hinge

01-09-023




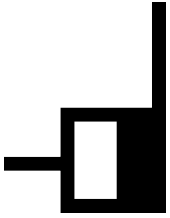





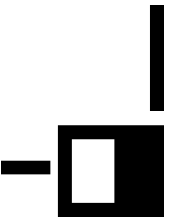


		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 270 & 293 for more information and instruction.

# Index Thumb Forward, Index Straight


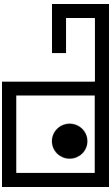

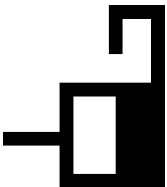





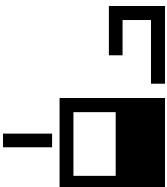


01-09-024

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Thumb Forward, Index Bent

01-09-025


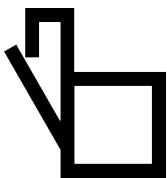



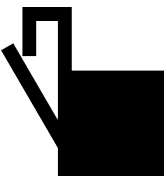

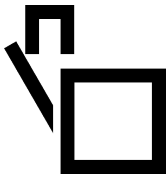

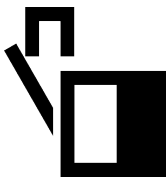

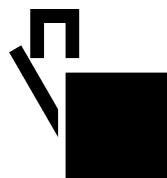
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 270 & 293 for more information and instruction.

# Index Thumb Hook


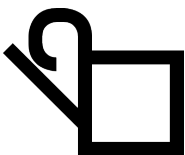



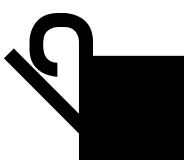

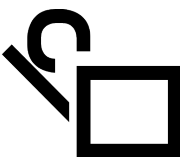




01-09-026

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Thumb Curlicue

01-09-027

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane


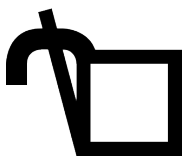





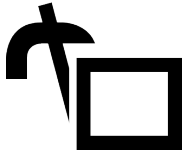

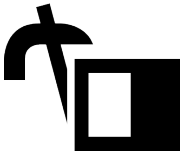

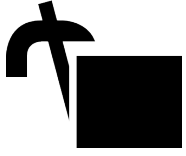


Note: See page 270 & 293 for more information and instruction.



## Index Thumb Curve, Thumb Inside


01-09-028

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



## Index Thumb Curve, Thumb Inside on Claw

01-09-029

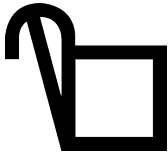


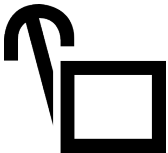


		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 270 & 293 for more information and instruction.

## Index Thumb Curve, Thumb Under


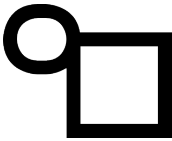





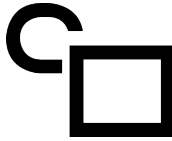




01-09-030

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Thumb Circle

01-09-031













		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 270 & 293 for more information and instruction.

# Index Thumb Cup













01-09-032

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Thumb Cup Open

01-09-033


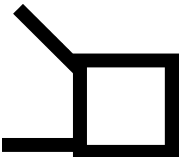





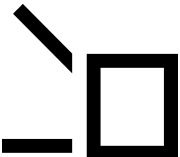



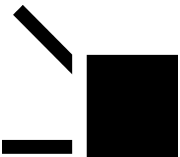
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		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 270 & 293 for more information and instruction.

# Index Thumb Hinge Open













01-09-034

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Thumb Hinge Large

01-09-035

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane


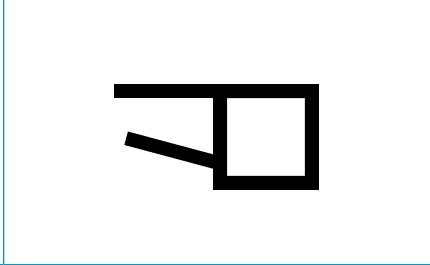
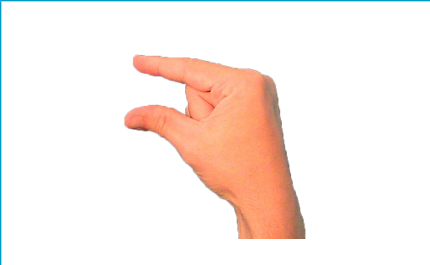
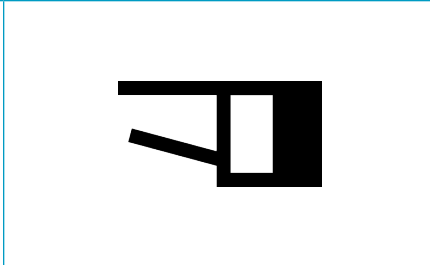
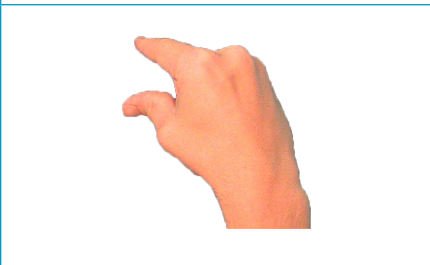
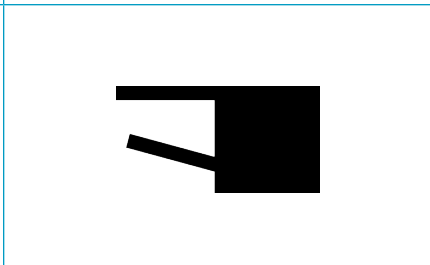
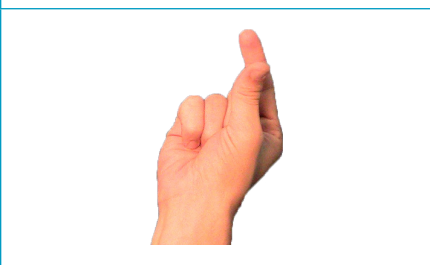
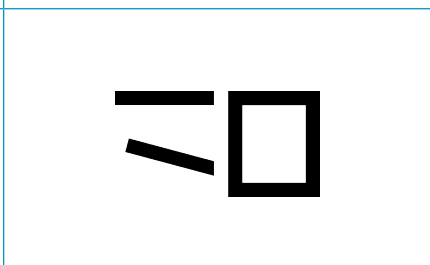
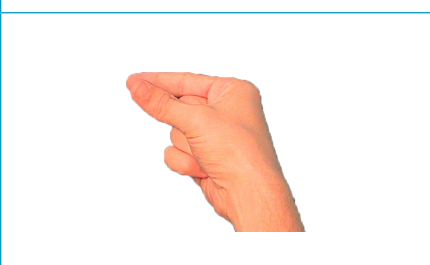
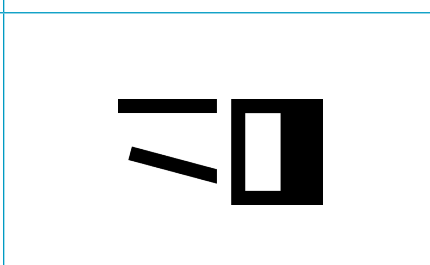
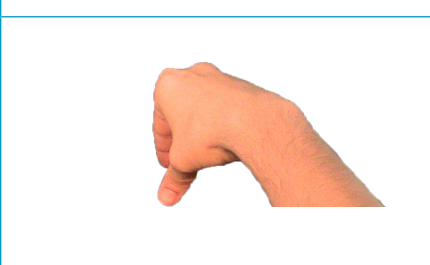
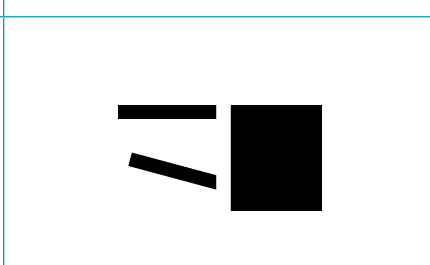


Note: See page 270 & 293 for more information and instruction.



# Index Thumb Hinge



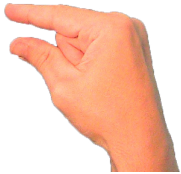









01-09-036

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Thumb Hinge Small

01-09-037













		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 270 & 293 for more information and instruction.

# Index Thumb Angle Out


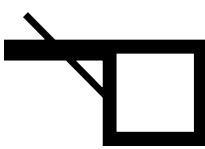

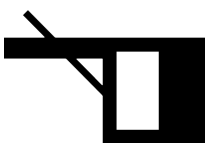

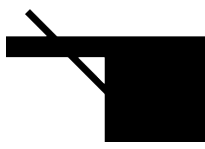


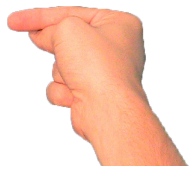


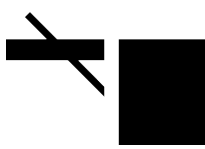
01-09-038

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Index Thumb Angle In

01-09-039













		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 270 & 293 for more information and instruction.

# Index Thumb Angle

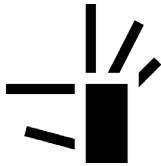


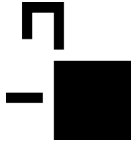














01-09-040

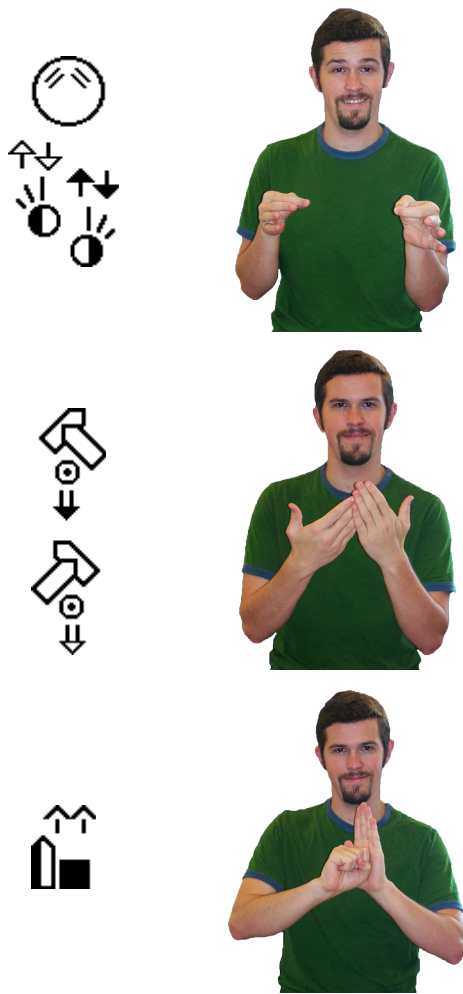
		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



## Finger Direction Is Meaningful

Different ways to write the same position: The Top View of the Back of the Hand can be written at a slant. Some writers feel this looks more like real life because the fingers are directed down.



## Chapter 10












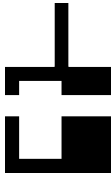


### Group 10: Thumb

Tight Fists With One Action Finger:

**The Thumb**

# Thumb

01-10-001

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane















Note: See page 288 & 293 for more information and instruction.















# Thumb Heel

01-10-002

		Palm Up Front View Heel of Hand Hand Projects Forward Parallel to Floor Plane
		Palm Diagonal Up Front View Heel of Hand Hand Projects Forward Relating to Floor Plane
		Thumb Up Front View Heel of Hand Hand Projects Forward Parallel to Floor Plane
		Palm Diagonal Down Front View Heel of Hand Hand Projects Forward Relating to Floor Plane
		Palm Down Front View Heel of Hand Hand Projects Forward Parallel to Floor Plane
		Palm Diagonal Down Front View Heel of Hand Hand Projects Forward Relating to Floor Plane

# Thumb Side Diagonal

01-10-003


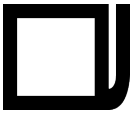










		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 288 & 293 for more information and instruction.

# Thumb Side Unit


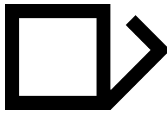










01-10-004

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Thumb Side Bent

01-10-005






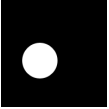





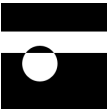
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		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 288 & 293 for more information and instruction.


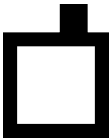



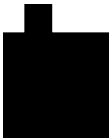






# Thumb Forward

01-10-006

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Thumb Between Index Middle

01-10-007


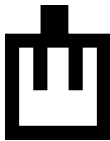










		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 288 & 293 for more information and instruction.













# Thumb Between Middle Ring

01-10-008

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Thumb Between Ring Baby













01-10-009

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Thumb Under Two Fingers













01-10-010

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



# Thumb Over Two Fingers

01-10-011













		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 288 & 293 for more information and instruction.













# Thumb Under Three Fingers

01-10-012

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

# Thumb Under Four Fingers

01-10-013













		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane



Note: See page 288 & 293 for more information and instruction.













# Thumb Over Four Raised Knuckles

01-10-014

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane












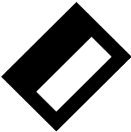
# Fist

01-10-015

		Palm of Hand Front View Parallel Wall Plane
		Side of Hand Front View Parallel Wall Plane
		Back of Hand Front View Parallel Wall Plane
		Palm of Hand Top View Parallel Floor Plane
		Side of Hand Top View Parallel Floor Plane
		Back of Hand Top View Parallel Floor Plane

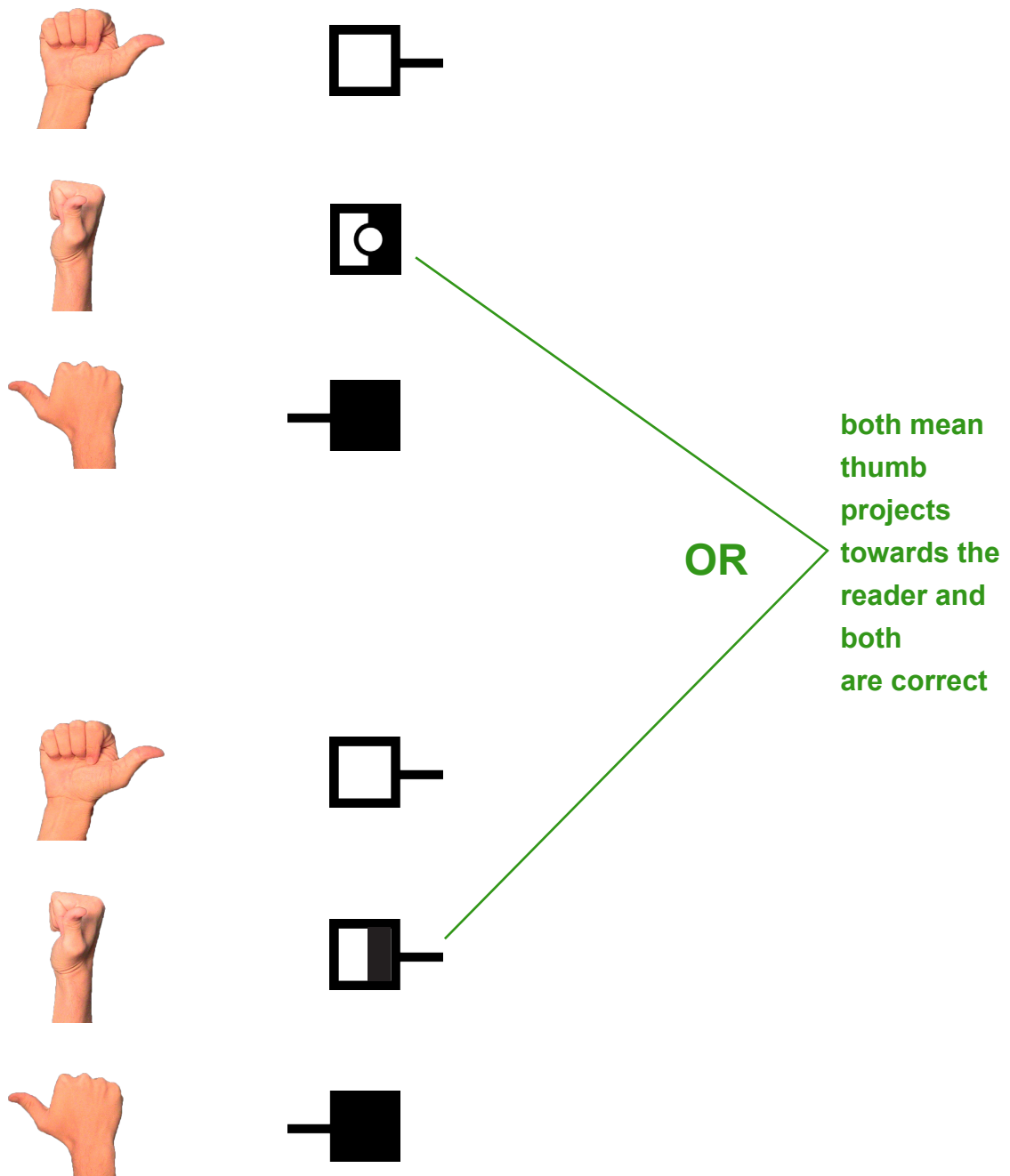
## Fist Heel

01-10-016

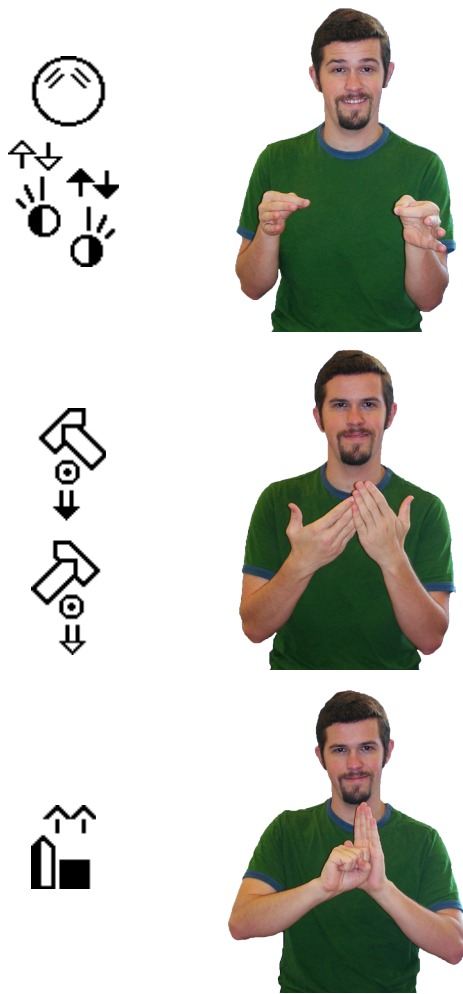
		Palm Up Front View Heel of Hand Hand Projects Forward Parallel to Floor Plane
		Palm Diagonal Up Front View Heel of Hand Hand Projects Forward Relating to Floor Plane
		Thumb Up Front View Heel of Hand Hand Projects Forward Parallel to Floor Plane
		Palm Diagonal Down Front View Heel of Hand Hand Projects Forward Relating to Floor Plane
		Palm Down Front View Heel of Hand Hand Projects Forward Parallel to Floor Plane
		Palm Diagonal Down Front View Heel of Hand Hand Projects Forward Relating to Floor Plane

## Two Ways to Write Thumb Towards Reader

The side view of the Thumb Hand (see page 272) can be written in two ways. The dot for the thumb projecting directly toward the reader is the official symbol of the ISWA 2010. But some writers choose to write a line for the thumb to the side, rather than the dot. The line for the thumb is always placed on the dark side of the symbol. Both methods mean the same thing and are correct:








---

## Chapter 11



### Heel of Hand or Top View?

Fists and Flat Hands from Two Perspectives

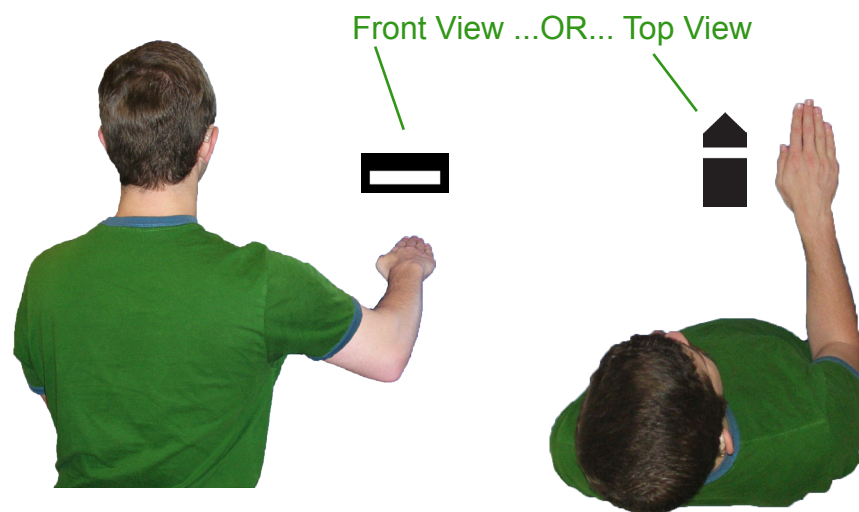
**2 Ways to Write Some Positions**

## Heel of Hand or Top View?

Flat hands with the fingers pointing straight forward, with the arm parallel to the Floor Plane, can be written from the Front View with the Heel of Hand, or from the traditional Top View:

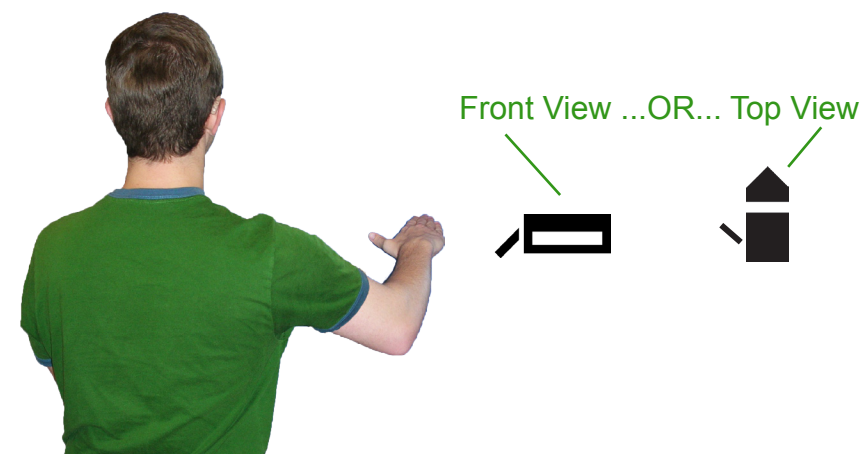
### Two Ways to Write The Same Handshape

...use either symbol...



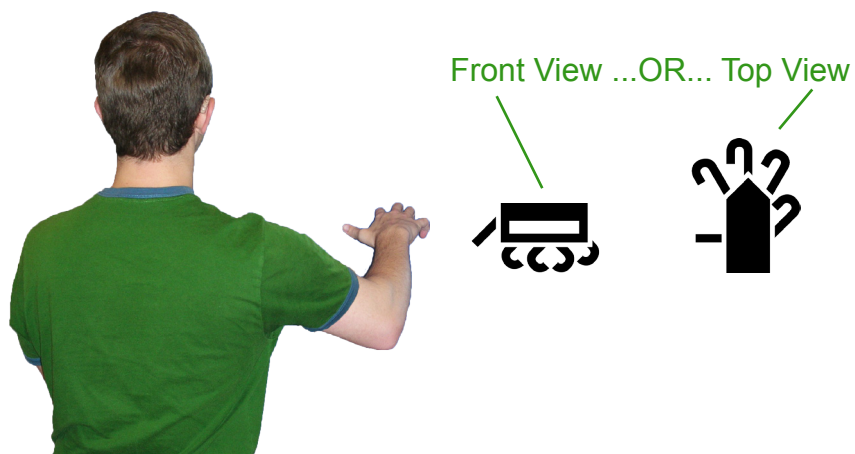
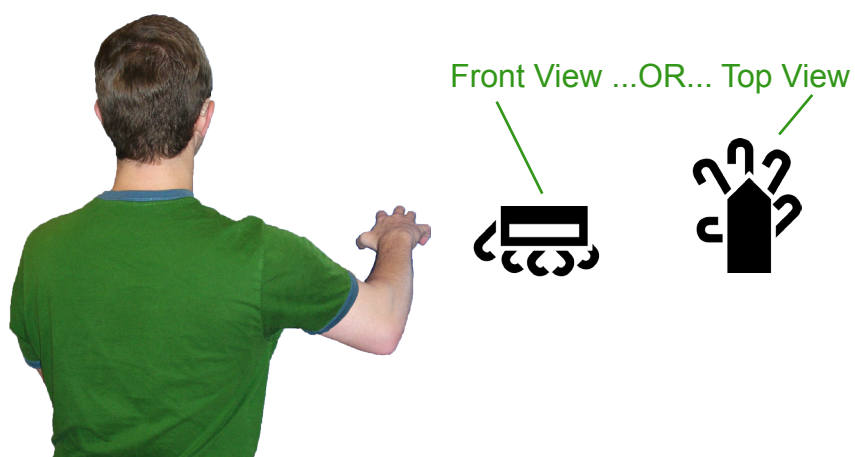
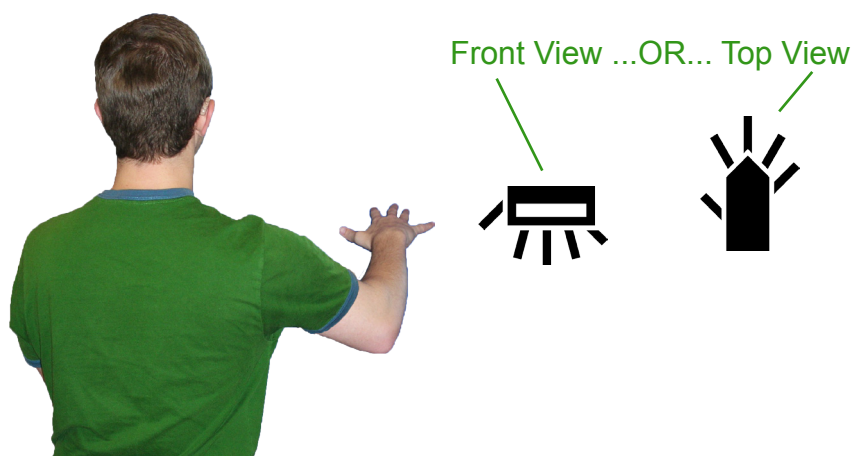
### Two Ways to Write The Same Handshape

...use either symbol...



## Heel of Hand or Top View?

Use Either Symbol

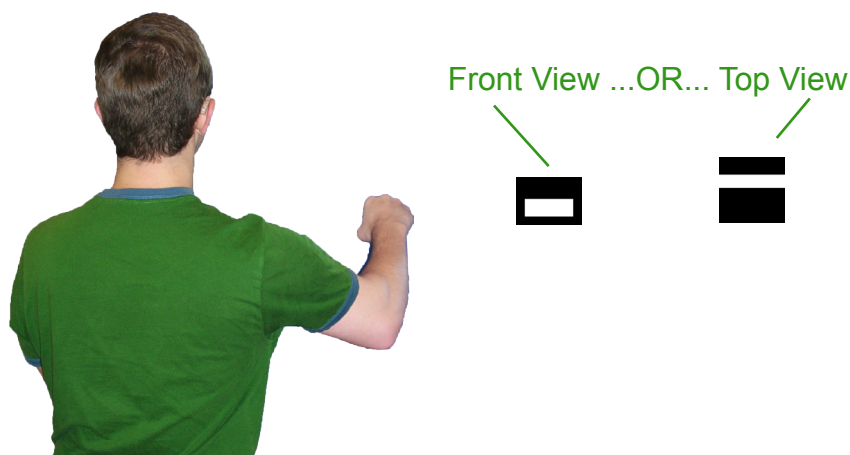


## Heel of Hand or Top View?

Fists with the knuckles directed straight forward, with the arm parallel to the Floor Plane, can be written from the Front View with the Heel of Hand, or from the traditional Top View:

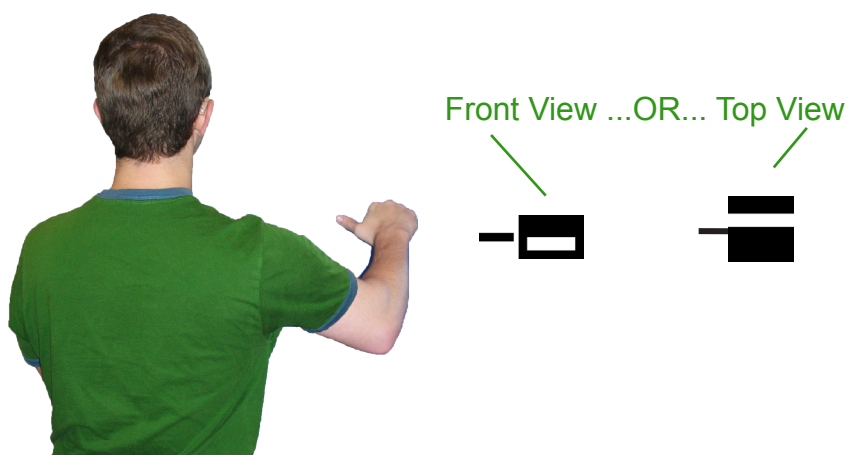
### Two Ways to Write The Same Handshape

...use either symbol...



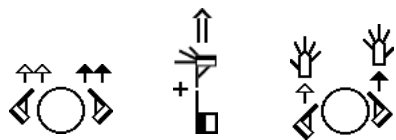
### Two Ways to Write The Same Handshape

...use either symbol...





## Chapter 12



### Instruction & Exceptions

More Information About Hand Symbols

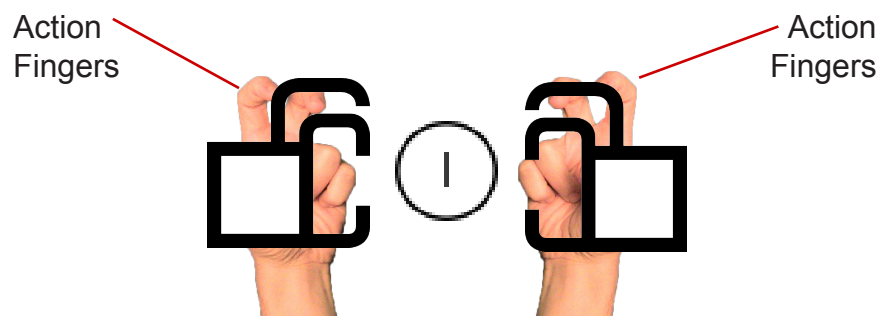
[Examples of Written Signs](#)

## Action Fingers Directed Towards The Face & Body

Finger direction relates to the Center of the Body. Action Fingers that bend at the knuckle joint in Angle, Hinge, Cup or Curve hand positions direct the fingers into the Center of the Body. The white palm shows the palm is facing the body, with a slight hint that the palm is slightly turned toward the Center too.

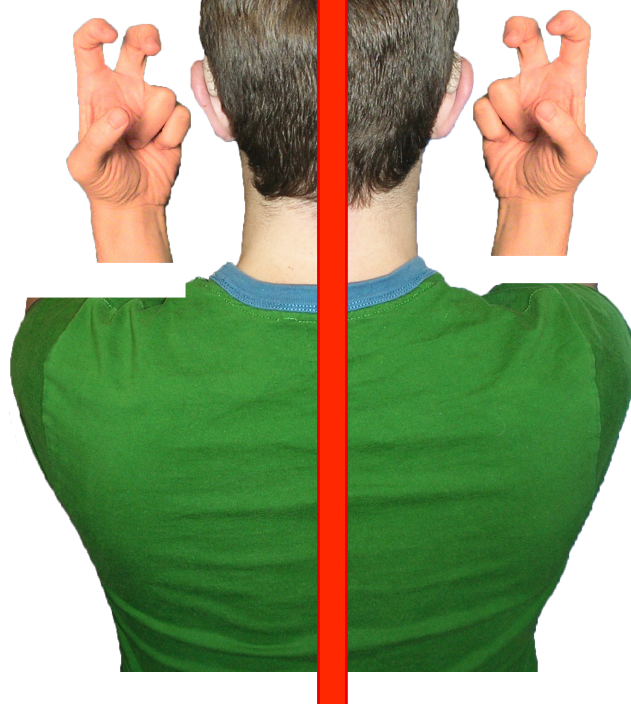
### Fingers Are Directed Toward the Center

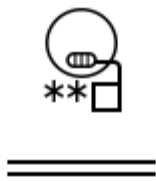
...when the palm is facing the body...



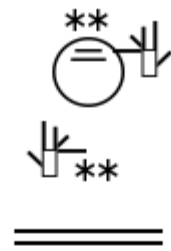
Left Hand

Right Hand

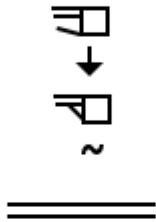




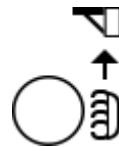
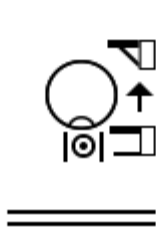
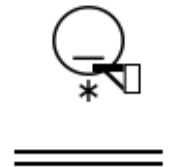
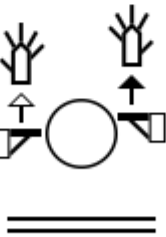
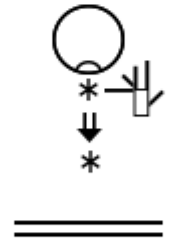
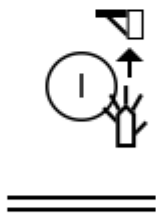
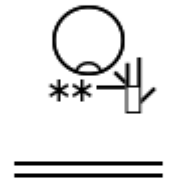
Some  
ASL  
signs  
as  
examples:



glass  
oral  
no-to-me  
wolf  
information



Jew  
clown  
going out  
illness  
lucky  
prefer  
birthday  
eat  
blow a kiss

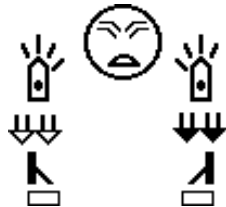


# Action Fingers Directed Up

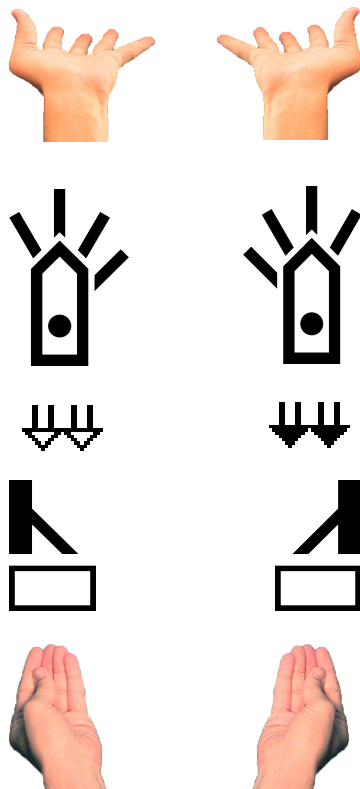
## Angle Hand Symbols

Point the tip of the angled fingers in meaningful directions.

When writing Angle Hands, write the direction of the fingers based on what “feels correct” for the meaning of the sign. Then look at your palm. Where is the palm facing? If the palm is facing the ceiling, then it is parallel to the floor. It will be white with a space at the knuckle joint.



ASL  
sign for  
WET,  
or SOFT



See  
page 100  
for  
Five Fingers  
Spread  
with  
Thumb  
Forward

Finger  
Direction  
Is Up

See  
page 151  
for  
Angle  
Handshape

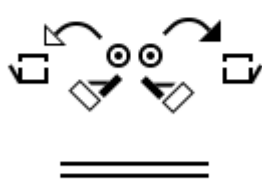
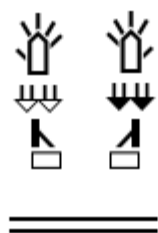
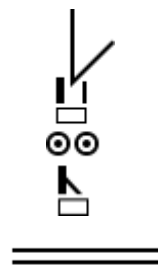




Some  
ASL  
signs  
as  
examples:

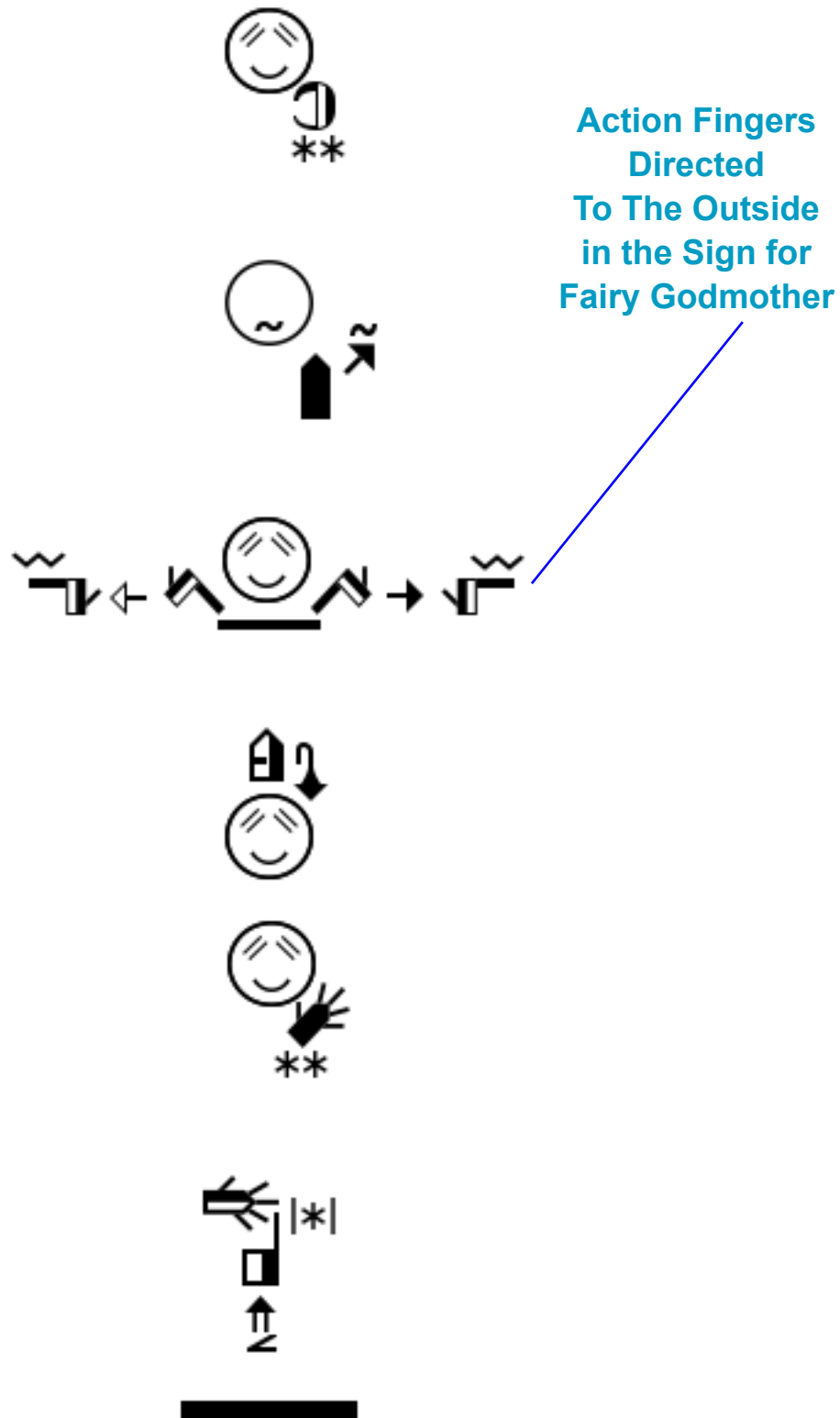


Jewish  
grow  
soft  
soft  
soft  
give to you  
lose  
money  
poor  
waste  
gay  
dissolve  
twelve



## Action Fingers Directed Out Away From The Body

This is very rare. If the majority of Action Fingers are directed to the outside, away from the Center of the Body, as in the sign for FAIRY GODMOTHER in ASL, then it is written pointing out.





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## About The Authors



Valerie Sutton & Adam Frost

## About the Authors

Valerie Sutton



Hello! My name is **Valerie Sutton** and I am the inventor of the SignWriting Script, also called the International SignWriting Alphabet. I first invented SignWriting while I lived in Denmark in 1974. It is one of five sections of Sutton Movement Writing, a system I developed for reading and writing body movement. I grew up in professional ballet training in Southern California, and first invented DanceWriting, preserving the historic Bournonville Schools, a ballet system used by the Royal Danish Ballet. In 1974, while I was teaching the Royal Danish Ballet to read and write dance, a researcher at the University of Copenhagen, Lars von der Lieth, asked me to develop a way to read and write the movements of signed languages for a research project. I became captivated with the beauty of Danish Sign Language, and decided that reading and writing sign languages was an important tool. I chose to dedicate my life to the development of the SignWriting Script, for writing any sign language in the world.

I started working full time with SignWriting in 1981, working with Founding Editor Nancy Romero, and a team of Deaf writers, publishing the SignWriter Newspaper from 1981-1984, working with ASL Deaf expert Lucinda O'Grady Batch to coordinate the Deaf Action Committee for SignWriting (the DAC) in 1986-1988, with software developer Richard Gleaves, in the development of the SignWriter Computer Program, and with Deaf storytellers and ASL teachers, Darline Clark Gunsauls, Kevin Clark, David Gunsauls and other members of the Deaf Community, to develop and write a body of SignWriting Literature for the SignWriting Literacy Project.

In 2004, I began collaborating with software developer Stephen E. Slevinski Jr. and Deaf ASL writer, teacher and linguist Adam Frost. The three of us, and Nancy Romero, a skilled ASL literature writer, together in 2013, are pioneering the creation of the world's first Wikipedias written in sign languages. Visit the ASL Wikipedia test site: <http://ase.wikipedia.wmflabs.org>

# About the Authors

Adam Frost



**Adam Frost** was born deaf in 1982 to a Deaf family in Utah, and grew up north of Los Angeles, California. From an early age, Adam felt the need for a written form for his language, American Sign Language (ASL). Before 2003, Adam knew nothing of SignWriting, which was developed by Valerie Sutton in Denmark in 1974. Ironically, Valerie taught SignWriting at Los Angeles Pierce College in 1982, the year Adam was born. Later Adam attended Los Angeles Pierce College, receiving his Associates Degree in ASL/Interpreting in 2006.

In 2003, while on the internet, Adam happened to come across SignWriting. He was instantly attracted to it. He joined the SignWriting List and asked questions on how to write signs, and wrote a school paper interviewing people about SignWriting at LA Pierce College. Adam became a skilled signwriter, and soon was answering other List member's questions. In 2004, Adam began working with Valerie Sutton as a member of the Deaf Action Committee for SignWriting (the DAC), dedicating long hours of work to a series of SignWriting projects.

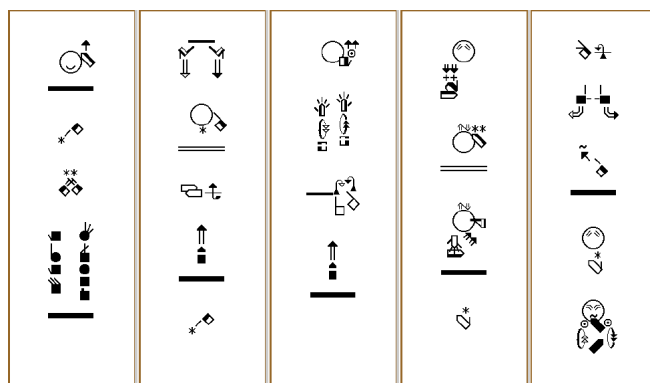
Adam had a vision of an ASL dictionary written completely in ASL. His first project with the DAC was to write sign-definitions in ASL. Some of these definitions are available in the ASL Dictionary in SignPuddle Online. For example, here is the sign for ONE with ASL definitions:



In 2008, Adam wrote and signed his own ASL video called “Why SignWriting?” which he transcribed into SignWriting. It has helped newcomers to SignWriting understand the purpose and value of writing sign languages.

### Why SignWriting? by Adam Frost

<http://www.signwriting.org/video/about/>



2 Hello. My name is Adam Frost. I have been deaf since birth. I use sign language everyday of my life. I have learned English. It is my second language. My greatest frustration...

Adam dreamed of a day when web sites are written in ASL. That day came in 2009, when Adam developed and posted his blog in written ASL:

### Frost Village

#### Adam Frost's Blog in Written ASL

<http://frostvillage.com/blog/lang/ase/>



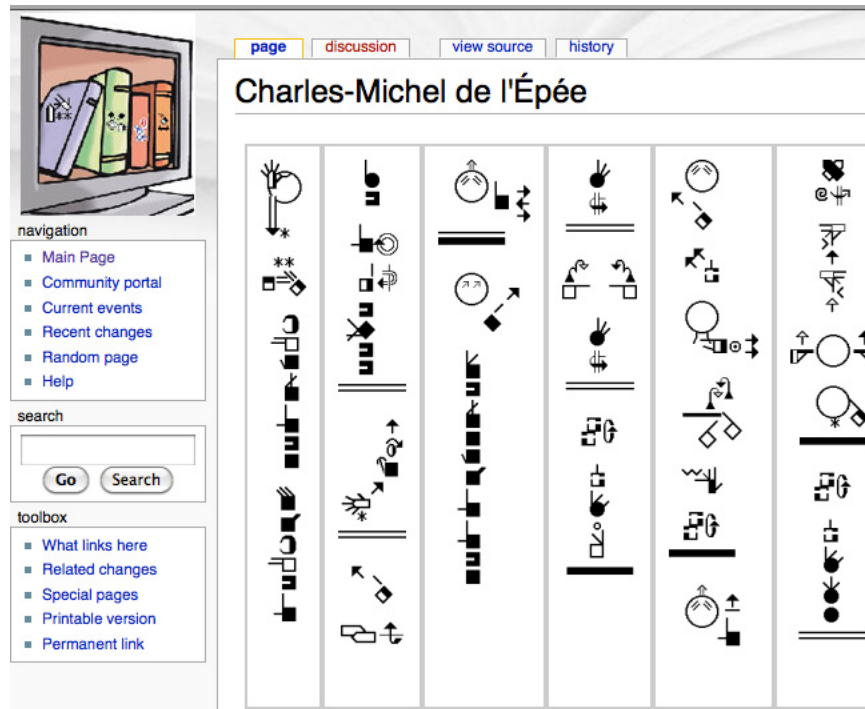
Adam became an Editor of the ASL Dictionary and ASL Literature Puddles in SignPuddle Online, and in 2009-2010 worked with a team of people on posting the first ASL encyclopedia articles in the SignWriting Wiki on the web. Charles Butler wrote two Deaf history articles in SignWriting, and Adam posted them in the SignWriting Wiki. Go to:



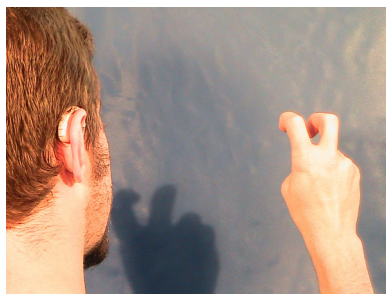


## Adam Frost is the ASL Editor of the SignWriting Wiki

Article Posted on Charles-Michel de l'Épée  
ASL by Lucinda Batch, transcribed from video by Charles Butler

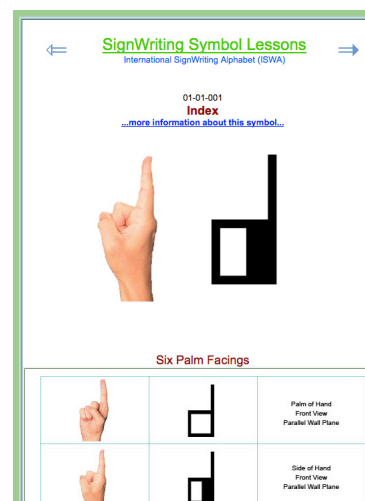


Adam spent over four years, from 2008 to 2011, photographing his own hands creating the photos for this book, and for his animated GFs that teach SignWriting on the web. Visit the web site to view the animated GIFs:



All hand photos are photographed by Adam Frost, of his own hands. All symbols were enlarged and graphically perfected by Adam too!

Learn SignWriting Hand Symbols on the web with Adam's animated GIFs:  
[www.SignWriting.org/lessons/iswa](http://www.SignWriting.org/lessons/iswa)



## Adam Frost Papers, Publications, Degrees, Present

July 21, 2008

VAIL Conference, San Diego, California

### **“SignWriting: Sign Languages Are Written Languages”**

Paper By Valerie Sutton & Adam Frost

<http://www.signwriting.org/video/about/SignWriting2008/>

[www.signwriting.org/archive/docs6/sw0523-US-SignWritingVAILConference2008.pdf](http://www.signwriting.org/archive/docs6/sw0523-US-SignWritingVAILConference2008.pdf)

September 8-11, 2009

Conference on Sign Languages Around the World, Lisbon, Portugal

### **SignWriting Presentation and Workshop**

Presented by Adam Frost

Universidade Catolica Portuguesa, Instituto de Ceincias da Saude

September 12, 2009

Societas Linguistica Europea 2009 (SLE 2009) Conference, Portugal

### **“Writing Sign Languages”**

Paper by Adam Frost & Valerie Sutton

Universidade de Lisboa, Special Workshop “Listening to Silent Languages”.

[http://www.signwriting.org/archive/docs6/sw0572-PT-SLE2009\\_Abstracts.pdf](http://www.signwriting.org/archive/docs6/sw0572-PT-SLE2009_Abstracts.pdf)

September 15, 2009

### **“SignWriting Teacher’s Report from Lisbon Portugal”**

by Adam Frost

<http://www.signwriting.org/archive/docs6/sw0571-PT-SignWritingLisbon2009.pdf>

May 21, 2011

Sign Language Corpus Workshop, Gallaudet University

### **“Sign Language Corpus Using SignWriting”**

Paper by Adam Frost

[signwriting.org/archive/docs7/sw0650\\_Sign\\_Language\\_Corpus\\_using\\_SignWriting\\_Frost\\_May2011.pdf](http://www.signwriting.org/archive/docs7/sw0650_Sign_Language_Corpus_using_SignWriting_Frost_May2011.pdf)

August 28, 2011

### **SignWriting Reference Manual**

#### **Part Two: SignWriting Hand Symbols**

by Valerie Sutton & Adam Frost

ISBN 978-0-914336-86-0, 300 pages

## Degrees

2006

### **Associate Degree in ASL/Interpreting**

Los Angeles Pierce College, Woodland Hills

2010

### **Bachelor’s Degree in Deaf Studies**

California State University Northridge (CSUN)

2012

Master’s Degree in Linguistics

Gallaudet University, Washington DC

## Presently in 2013

Adam teaches American Sign Language at University of California at San Diego (UCSD) and San Diego Mesa College, and is the lead ASL Editor of the ASL Wikipedia written in SignWriting.







Adam Frost with Valerie Sutton, August, 2010.

This book has been a true collaboration between Valerie Sutton, the developer of the International SignWriting Alphabet (ISWA 2010), and Adam Frost, who enlarged the symbols of the ISWA improving them graphically. Adam took photos of his own hands, which was in itself, a very large job. But he also enlarged each symbol from the original PNG format, improving the large sized symbols graphically, and then saving each symbol in EPS, PSD, Animated GIF and SVG formats. Now the symbols of the ISWA 2010 are available for programmers and users in these formats, as well as the original PNG format which Valerie developed.

Over the decades, skilled signers and members of the Deaf Action Committee for SignWriting (the DAC) have worked with Valerie, influencing the writing system, keeping it a living, breathing script for more than 40 sign languages, molded to the needs of its users by its users. There have been several generations of DAC members who have had influence on SignWriting, and Adam Frost is the younger generation. At age 29 in 2011, Adam has worked on several SignWriting projects, and this book is one of the most important.

Adam worked tirelessly in the summer of 2011, completing the SVG format of the entire ISWA 2010. This was an enormous task... a gift to SignWriting users. Steve Slevinski, developer of SignPuddle and the SignWriting Image Server (SWIS), will be using Adam's hand-refined SVG in his software. This means that SignWriting documents in the future will have smoother more beautiful vector-designed symbols. No more bitmaps!

SignWriting in SVG will also assist in developing TrueType Fonts for SignWriting. TrueType fonts are necessary for acceptance into Unicode.

Adam has a great love for language and literature especially in his native language, ASL. Adam has enjoyed working on this book as his knowledge of SignWriting has deepened. He hopes that users of this manual will also deepen their knowledge of SignWriting and that they will continue making the dream of written Sign Languages a reality.

# SignWriting Instruction

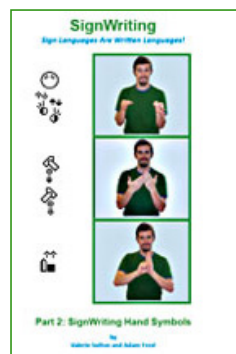
[SignWriting.org/lessons](http://SignWriting.org/lessons) • [SignWriting.org/shop](http://SignWriting.org/shop)



## 1 SignWriting Reference Manual

### Manual 1: SignWriting Basics

Learn the basics of SignWriting with this slender, 42 page, spiral-bound manual. An introduction to reading and writing any sign language, it gives a summary of hand symbols, contact symbols, finger movements, arm movements, facial expressions, and reading of sign language literature. All examples are in American Sign Language (ASL). Free for download on the web, and only \$10.00 in the SignWriting Shop. ISBN: 978-0-914336-49-5



## 2 SignWriting Reference Manual

### Manual 2: SignWriting Hand Symbols

This 300-page spiral-bound reference manual devotes a full page to each of the 261 hand symbols of the International SignWriting Alphabet (ISWA 2010), used to write over 40 sign languages on the web in SignPuddle Online. Each page shows one handshape with 6 photos showing 6 different palm facings. The corresponding SignWriting symbol is placed next to each photo. Additional SignWriting instruction is included in the front and the back of the book. ISBN: 978-0-914336-86-0



## 3 SignWriting Lessons on the Web

### Web lessons show moving handshapes with symbols

Adam Frost's photos of his own hands move from one palm facing to another, on 261 web pages, each devoted to one of the 261 hand symbols of the ISWA 2010. This popular site is located in SignWriting Lessons Online. Take a visit:

### ISWA 2010 Symbol Lessons Online

#### Animated GIFs by Adam Frost

<http://www.signwriting.org/lessons/iswa/>



## The SignWriting Press

### Deaf Action Committee For SignWriting (the DAC)

Center for Sutton Movement Writing, Inc. (CSMW), a 501c3 non-profit educational organization • [dac@signwriting.org](mailto:dac@signwriting.org)  
Box 517 • La Jolla • CA • 92038-0517 • USA • tel 858-456-0098  
SignWriting Shop Online: [www.signwriting.org/shop](http://www.signwriting.org/shop)  
SignWriting on CafePress: [www.cafepress.com/signwriting](http://www.cafepress.com/signwriting)  
SignPuddle Online: [www.signbank.org/signpuddle](http://www.signbank.org/signpuddle)

ISBN 978-0-914336-86-0



SIGNWRITING HAND SYMBOLS