

The **SignWriting Alphabet**

Read and Write Any Sign Language in the World



ISWA 2008

International SignWriting Alphabet 2008

by
Valerie Sutton

The SignWriting Alphabet

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International
SignWriting
Alphabet
2008
(ISWA 2008)

by
Valerie Sutton

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of the
ISWA 2008
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Map artwork
by Bill Reese.

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SignWriting, a part of Sutton Movement Writing, was first invented by Valerie Sutton in 1974. Sutton Movement Writing records all body movement. The International SignWriting Alphabet (ISWA 2008) records the movements of all Sign Languages.

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Dedication

Stephen E. Slevinski Jr. is a remarkable software designer. I knew that my task of creating the SignWriting symbols in my computer would be daunting, but Steve made it possible for me to test the symbols of the International SignWriting Alphabet (ISWA 2008) during the development process. Without Steve's fabulous software, SignPuddle, which is our world standard for writing SignWriting dictionaries and literature, SignWriting would not have the library of written literature it has today, written by signwriters in some 40 countries directly on the web. And without Steve's patient, creative and supportive hard work, it would have been very much harder for me to complete this enormous job. Steve not only built special testing software just for ISWA development, to review the symbols, but he also gave me excellent feedback on the symbol organization, coordinating my new improvements with his new software. In short, we make an excellent team, a true partnership. I design the symbols, with the welcome help and influence from signwriters all over the world, and Steve then builds the software needed to fit with the symbols we design. The result of our "Slevinski-Sutton collaboration" will give us all tools for publishing SignWriting Literature for years to come.

So I dedicate the International SignWriting Alphabet (ISWA 2008) to Steve Slevinski. Thank you, Steve, for the magical software you provide for all SignWriting users, and for your ever-present technical support, which we all depend upon daily.

Valerie Sutton
Inventor, SignWriting
La Jolla, California
September 15, 2008

Sutton Movement Writing

Sutton Movement Writing is the International Movement Writing Alphabet (IMWA). It is used to record all human and animal gesture. The IMWA can be compared to the International Phonetic Alphabet (the IPA) for spoken languages. The IPA records the details of sound-based-languages. The IMWA records the details of movement-based-languages. Since it is such a large and broad-based writing system, Sutton Movement Writing has been specified for five fields: **SignWriting**, for writing the movements of Sign Languages, **DanceWriting**, for writing dance choreography, **MimeWriting**, for writing classic pantomime, **SportsWriting**, for writing ice skating and gymnastics routines, and **MovementWriting**, for gesture-based research.

Sutton SignWriting

SignWriting is the most-used section of Sutton Movement Writing. With thousands of writers in over 40 countries, SignWriting is becoming the written form for Sign Languages. **The International SignWriting Alphabet**, the ISWA2008, includes all symbols used to write the handshapes, movements, facial expressions, and body gestures of any Sign Language in the world.

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The symbols in the International SignWriting Alphabet 2008 (ISWA 2008) are designed by SignWriting inventor, Valerie Sutton (sutton@signwriting.org).

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SignWriting Software

SignWriting has been my life's work, since I wrote the first SignWriting document in Copenhagen, Denmark in 1974. I knew at the time, that there was no doubt, that SignWriting would be used around the world to write any sign language in any country, because the writing system is based on writing body movement. It does not stand in judgement of how people sign, but instead writes what we see. We write "pronunciation" of signs. The SignWriting Alphabet can be used to write any sign language in the world, because signers in each country can learn the symbols and apply the writing system to the sign language they know.

Since the personal computer had not been developed yet, back in 1974 when I first wrote SignWriting by hand, I could not foresee HOW we would someday create the needed "printing press" for mass-producing published SignWriting Literature, but I knew that it was needed, and that it would happen someday.

Since 1974, we have worked towards that goal. There have been two software developers who have had profound influence on my development of SignWriting: Richard Gleaves, who developed (1986-1996) the SignWriter Computer Program for Apple//e, Apple//c and MS-DOS, which was the first true "typewriter with keyboard entry" of SignWriting symbols:

SignWriter DOS

www.SignWriting.org/forums/software/sw44

...and Steve Slevinski, who developed (2004-present) SignPuddle Software, Binary SignWriting (BSW), the SignWriting Spatial AI-

phabet Font (SAF) and the 2008 SignWriting Image Server (SWIS):

SignPuddle Online

<http://www.signbank.org/signpuddle>

SignWriting Image Server (SWIS)

<http://www.signbank.org/swis>

From 1996-2004, in the time between the development of the SignWriter Computer Program, and the development of SignPuddle, I worked closely with Filemaker programmer Todd Duell, from Formulations Pro, to develop a way to sort dictionaries by the symbols of SignWriting. Todd and I took the idea of an old program I had developed in the 1980's with programmer Michael Ogawa, called **SignBank**. In the 1980's SignBank included two small Macintosh Desk Accessories: **SignBank I** sorted dictionaries by English alphabetical order, and **SignBank II** sorted dictionaries by SignWriting alphabetic order, which we called "the Sign-Symbol-Sequence®".

The Sign-Symbol-Sequence term developed because most signers think of "alphabetical order" to mean the English alphabet. It never occurred to most signers, that their native signed languages could now be written languages, and that the symbols used to write their handshapes, movements and facial expressions could be placed in a sequence, that then sorted dictionaries by handshape, movement and facial expression. The concept that Deaf children could learn to "look-up" signs in a dictionary based on which handshape was used first or second in a sign was a totally new concept.

The result of my work with Todd Duell was profound for future software developers. The new SignBank Database Software built inside FileMaker Pro, gave us the experience we needed to learn how

to publish large sign language dictionaries sorted by Sign-Symbol-Sequence. We learned that we needed more than the Sign-Symbol-Sequence. We also needed "SignSpelling Sequence" data that the computer could recognize. Later, Steve Slevinski built into SignPuddle Software a special "SignSpelling Sequence data" area for users, and SignPuddle can now export signs and import them into SignBank, for publishing large SignWriting multi-lingual dictionaries.

SignBank Database Software is available free for download on the web, and includes SymbolBank, a database that stores all symbols of the International SignWriting Alphabet (ISWA 2008). There is also a web-version of Sutton's SymbolBank:

Download SignBank

<http://www.SignBank.org/signbank.html>

SymbolBank on the Web

<http://www.MovementWriting.org/symbolbank>

I would also like to thank and acknowledge other programmers who have contributed to SignWriting history, such as Dr. Antonio Carlos da Rocha Costa from Brazil, who developed the first version of **SWML (SignWriting Markup Language)** and his computer science students, who developed their own SignWriting software, including a SignWriting program that has potential: **SW-Edit**, by Rafael Piccin Torchelsen. Brazil produced several web-based programs for SignWriting including **Sign WebMessage** by Vinícius Costa de Souza and **DicionarioLibras** by Pedro Augusto Marques.

Find the above programs in the

SignWriting Software Forum:

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

The **Flemish Sign Language Online Dictionary** (WoordenBoek), was produced by developers Bart Braem & Stephen Aerts. Visitors to their web site: <http://gebaren.ugent.be> can search by spoken language or SignWriting symbols to find signs written in SignWriting side by side with videos of signs, including multiple dialects.

And thanks also to programmers who started important SignWriting software projects, and because of lack of funds could not complete them, such as the SignWriter Java project by DTAI software, SignWriter Tiger by Daniel Noelpp, SignWriter Python by Lars Majewski, and SignWriting in Unicode by Michael Everson. There are also SignWriting TrueType fonts developed by Michael Everson, Steve and Dianne Parkhurst, and Stefan Woehrmann. All of your efforts are truly appreciated!

SignWriter Java

<http://www.signwriting.org/forums/software/sw50/index.html>

SignWriter Tiger

<http://www.signwriter.org/>

SignWriter Python

<http://signwriter.takdoc.de/>

SignWriting True Type Fonts

by Michael Everson

<http://www.signwriting.org/catalog/sw214.html>

SignWriting in Unicode Project

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

Valerie Sutton
September 15, 2008

ISWA 2008

International SignWriting Alphabet 2008

SignWriter, our first "typing program", back in 1986, was designed for the first personal computers developed by Apple, the Apple //e and //c. Designer and programmer Richard Gleaves created a little in-house "Symbol Editor" program just for the two of us, so we could share the job of entering all of the SignWriting symbols into the computer. In the beginning, to get the programming work started, Rich did a good majority of the symbol entry, but once he taught me how to use the Symbol Editor, I took over the important and exciting work of entering the symbols, one by one in bitmapped format. It was not uncomplicated work. Rich developed a way that we would only have to enter four out of 16 possible flops and rotations of each symbol, and his programming of SignWriter code would then do all the flops and rotations internally. I then designed the SignWriter keyboards. I decided where to place the symbols on which keys, and then Rich programmed it so when we typed a key, up would appear a screen with choices for more symbols that were available in a layer underneath the first key. The SignWriter Computer Program typing method is used to this day in the old SignWriter DOS program. It became the standard that we based future coding of SignWriting symbols upon.

The symbols in Rich Gleaves' Symbol Editor had an ID number like this: 001-01-01-01, which represented the symbol number, the variation, the fill and the rotation for each symbol. Later, in SignBank development, we added two more numbers in the front like this: 01-01-001-01-01-01, for Category and Group numbers. To this day, the old Gleaves ID numbering system is used when categorizing the International SignWriting Alphabet, 2008.

Steve Slevinski has now provided us with modern database software that is web-based. Search for symbols online, not only by the old ID numbers, but also by Slevinski's new BaseSymbol number, Character Code number and Hexideciamal number.

ISWA Online Database

<http://www.signbank.org/swis/data.php>

Developing the ISWA 2008 has been a labor of love for me. I have worked on this new set of symbols, in bitmapped PNG format, for several years now. The International SignWriting Alphabet is an improvement over the 2004 International Movement Writing Alphabet (IMWA 2004). The old IMWA included symbols that were not used in SignWriting, such as symbols for writing sports (skateboarding), and symbols for writing anthropological studies (the writing of movements of the arms while holding an axe and cutting trees for carving Norwegian viking boats). Yes...those were real projects that were written in Sutton Movement Writing...but they were not symbols that were relevant to writing the Sign Languages of the world!

So the International SignWriting Alphabet 2008 includes only those symbols needed to write Sign Languages, including some new handshapes for writing Ethiopian Sign Language, and improved Movement Symbols and Facial Expressions needed for writing Sign Language storytelling. Symbols needed for advanced sorting routines in dictionaries were moved to the back of the ISWA, since they are not needed for daily writing. This meant a large re-numbering of all symbols. I also collapsed 50 groups of symbols into 30 groups, making it easier to use.

Valerie Sutton
September 15, 2008

7 Symbol Categories

...Category Names & Descriptions...



1

Category 1 Hands



About Category 1

Handshapes from over 40 Sign Languages are placed in 10 groups based on the numbers 1-10 in American Sign Language. For example, all of the hands that have a single index finger extended, are located under Group 01: Index.

Category 1: Hands

- Group 01: Index
- Group 02: Index Middle
- Group 03: Index Middle Thumb
- Group 04: 4 Fingers
- Group 05: 5 Fingers
- Group 06: Baby Finger
- Group 07: Ring Finger
- Group 08: Middle Finger
- Group 09: Index Thumb
- Group 10: Thumb

2

Category 2 Movement



About Category 2

Contact symbols, small finger movements, straight arrows, curved arrows and circles are placed into 10 groups based on planes: The Front Wall Plane includes movement that is “parallel to the front wall” and the Floor Plane includes movement that is “parallel to the floor”.

Category 2: Movement

- Group 11: Contact
- Group 12: Finger Movement
- Group 13: Straight Wall Plane
- Group 14: Straight Diagonal Plane
- Group 15: Straight Floor Plane
- Group 16: Curves Wall Plane
- Group 17: Curves Hit Wall Plane
- Group 18: Curves Hit Floor Plane
- Group 19: Curves Floor Plane
- Group 20: Circles

3

Category 3 Face Head



About Category 3

Starting from the top of the face and moving down, Groups 21-24 include detailed facial expressions and movement of parts of the face and neck. Group 25 includes head movement and views of the head.

Category 3: Faces & Head

Group 21: Brow, Eyes, Eyegaze

Group 22: Cheeks Ears Nose Breath

Group 23: Mouth Lips

Group 24: Tongue Teeth Chin Neck

Group 25: Head

4

Category 4 Body



About Category 4

Torso movement, shoulders, hips, and the limbs are used in Sign Languages as a part of grammar, especially when describing conversations between people, called Role Shifting, or making spatial comparisons between items on the left and items on the right. The symbols of the body that are in Category 4 are important when writing sign language storytelling and poetry. All sign languages have some signs that point below the hips, or touch the torso, or hunch the shoulders, or touch the arms and wrists.

5

Category 5

Dynamics & Timing



About Category 5

Dynamics Symbols are used mostly with Movement Symbols and Punctuation Symbols, to give the “feeling” or “tempo” to movement. They also provide emphasis on a movement or expression, and combined with Punctuation Symbols become the equivalent to Exclamation Points. The Tension Symbol, combined with Contact Symbols, provides the feeling of “pressure”, and combined with facial expressions can place emphasis or added feeling to an expression. Timing symbols are used to show alternating or simultaneous movement.

6

Category 6

Punctuation



About Category 6

Punctuation Symbols are used when writing complete sentences or documents in SignWriting. The Punctuation Symbols do not look like the symbols for punctuation in English, but they do have similar meanings. SignWriting punctuation symbols include a period, comma, colon, semi-colon, exclamation point and so forth.

7

Category 7

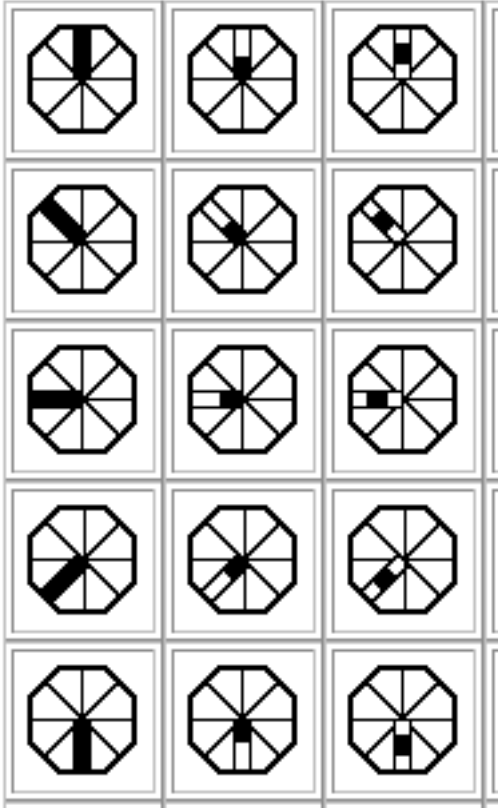
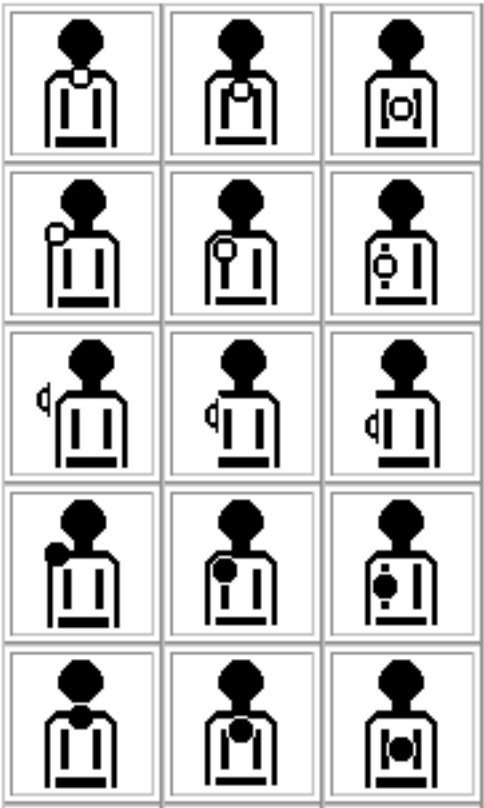
Advanced Sorting



About Category 7

The symbols in Category 7 are detailed Location Markers that are not used when writing signs on a daily basis. Location is written and read in SignWriting **WITHOUT** these symbols.

The symbols in Category 7 are only used in computer software to assist in giving further details for sorting large sign language dictionaries that are sorted by SignWriting symbols. Sometimes signs that are slightly different, may have similar SignSpelling data, and the symbols in Category 7 can help decide which sign should come first and which should come second, in the dictionary.



Category 1: Hands
Category 2: Movement
Category 3: Face Head
Category 4: Body
Category 5: Dynamics
Category 6: Punctuation
Category 7: Advanced Sorting

Category 1: Hands

Group 01: Index
Group 02: Index Middle
Group 03: Index Middle Thumb
Group 04: 4 Fingers
Group 05: 5 Fingers
Group 06: Baby Finger
Group 07: Ring Finger
Group 08: Middle Finger
Group 09: Index Thumb
Group 10: Thumb

Category 2: Movement

Group 11: Contact
Group 12: Finger Movement
Group 13: Straight Wall Plane
Group 14: Straight Diagonal Plane
Group 15: Straight Floor Plane
Group 16: Curves Wall Plane
Group 17: Curves Hit Wall Plane
Group 18: Curves Hit Floor Plane
Group 19: Curves Floor Plane
Group 20: Circles

Category 3: Faces & Head

Group 21: Brow, Eyes, Eyegaze
Group 22: Cheeks Ears Nose Breath
Group 23: Mouth Lips
Group 24: Tongue Teeth Chin Neck
Group 25: Head

Category 4: Body

Group 26: Shoulders Hips Torso
Group 27: Limbs

Category 5: Dynamics

Group 28: Dynamics & Timing

Category 6: Punctuation

Group 29: Punctuation

Category 7: Advanced Sorting

Group 30: Location for Sorting

30 Symbol Groups

...Group Names and Organization...



30 Symbol Groups

Group 1: Index

Group 2: Index Middle

Group 3: Index Middle Thumb

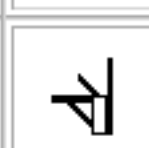
Group 4: Four Fingers

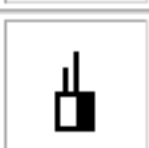
Group 5: Five Fingers

Group 6: Baby Finger

Group 7: Ring Finger

Group 8: Middle Finger

Group 9: Index Thumb

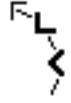
Group 10: Thumb

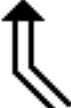
Group 11: Contact

*	⊙⊙				
**	⊙				
*	@				
+	@@				
++	@				
+	⌒				
#	⊖				
##					
#					
⊙					

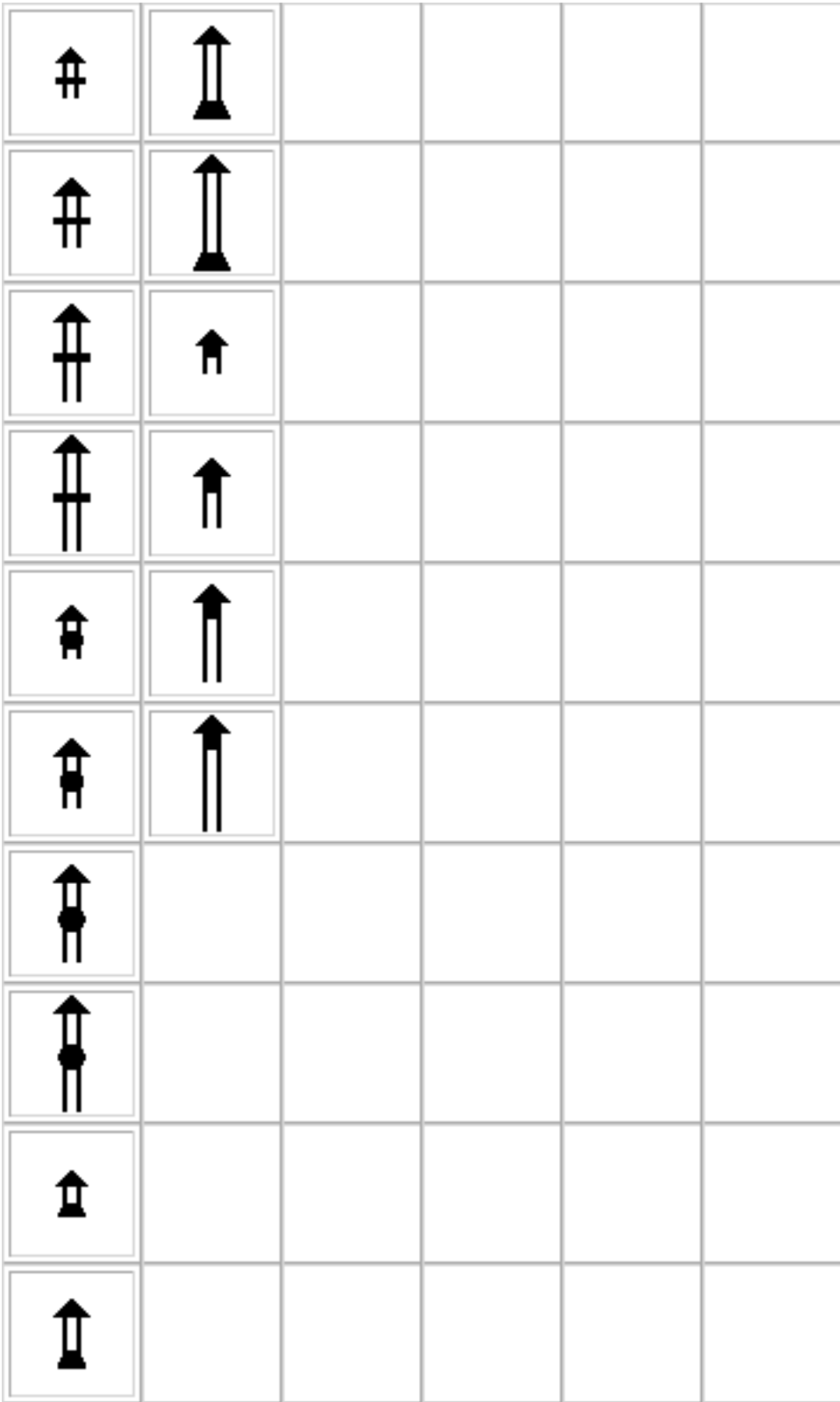
Group 12: Finger Movement

Group 13: Straight Wall Plane

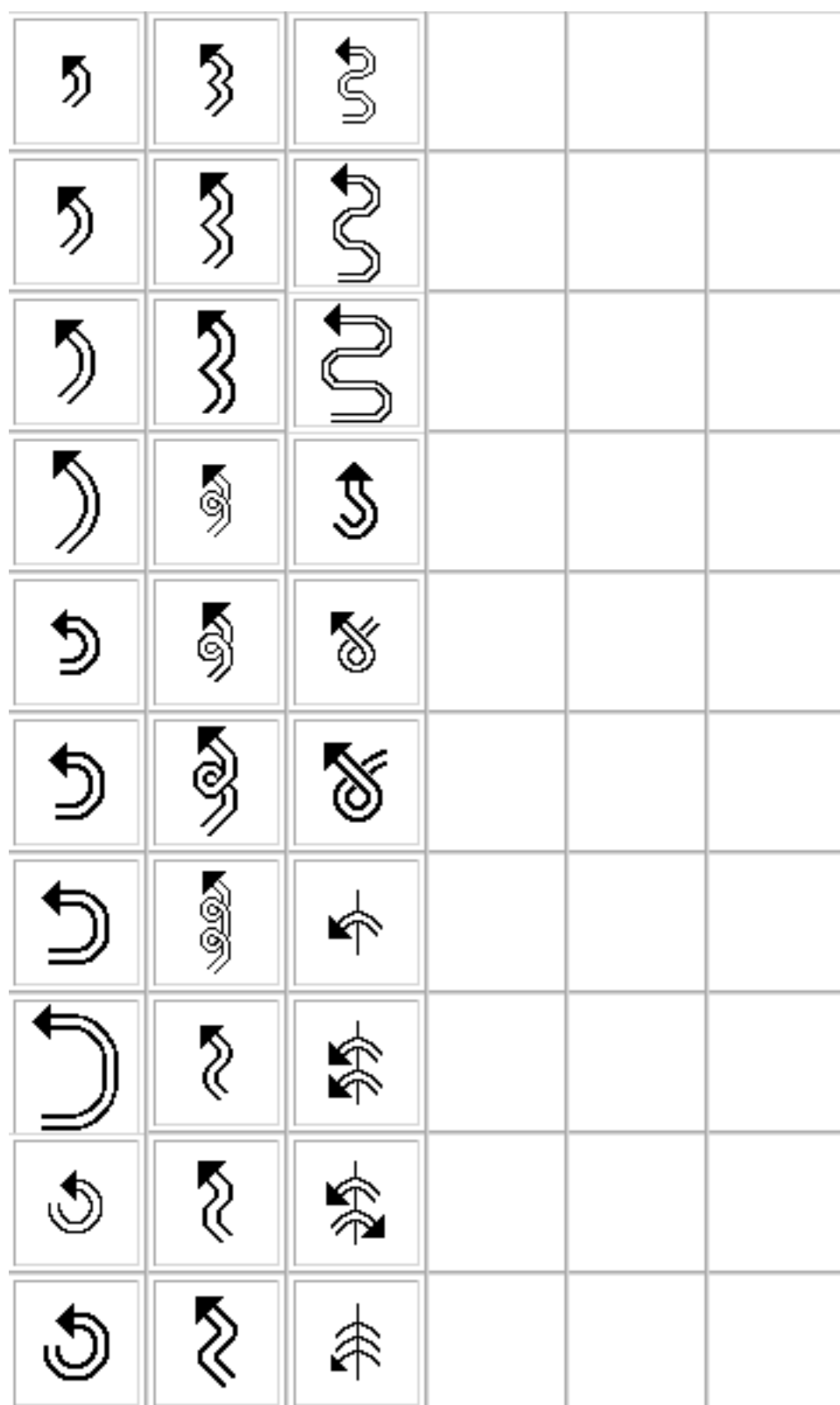
Group 14: Straight Diagonal Plane



Group 15: Straight Floor Plane

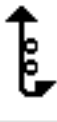
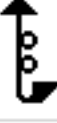
Group 16: Curves Wall Plane



Group 17: Curves Hit Wall Plane

Group 18: Curves Hit Floor Plane

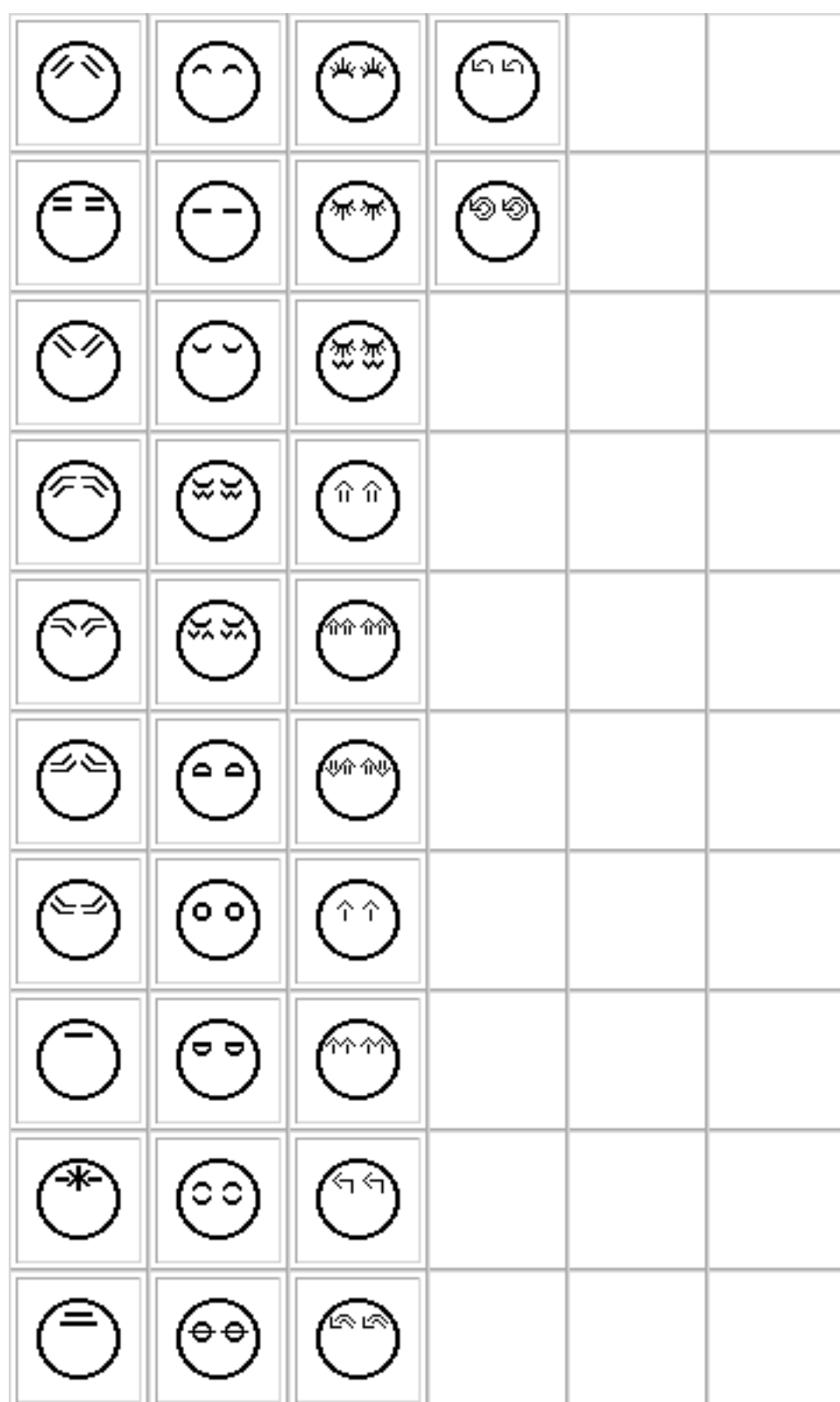
Group 19: Curves Floor Plane

Group 20: Circles

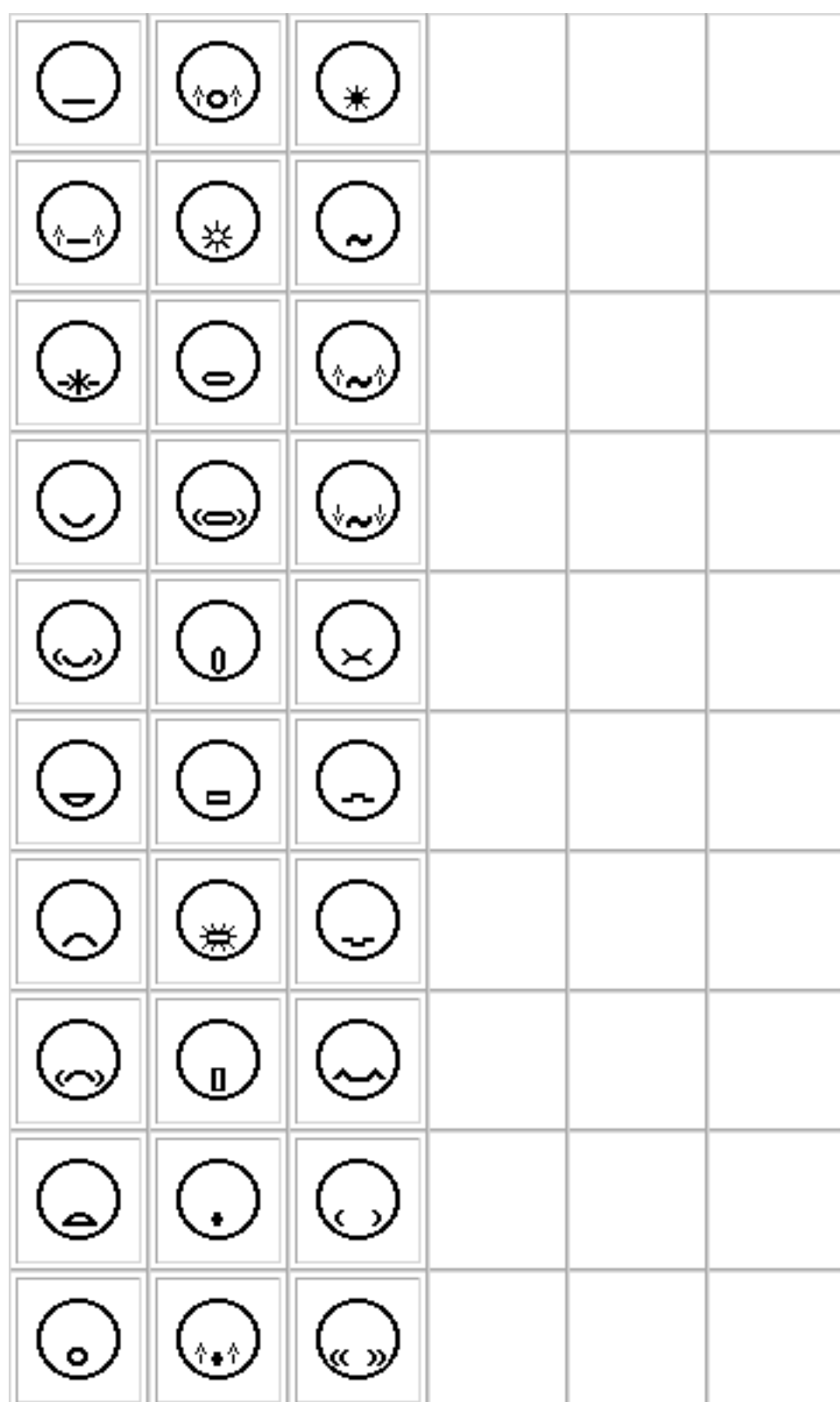
Group 21: Brow, Eyes, Eyegaze



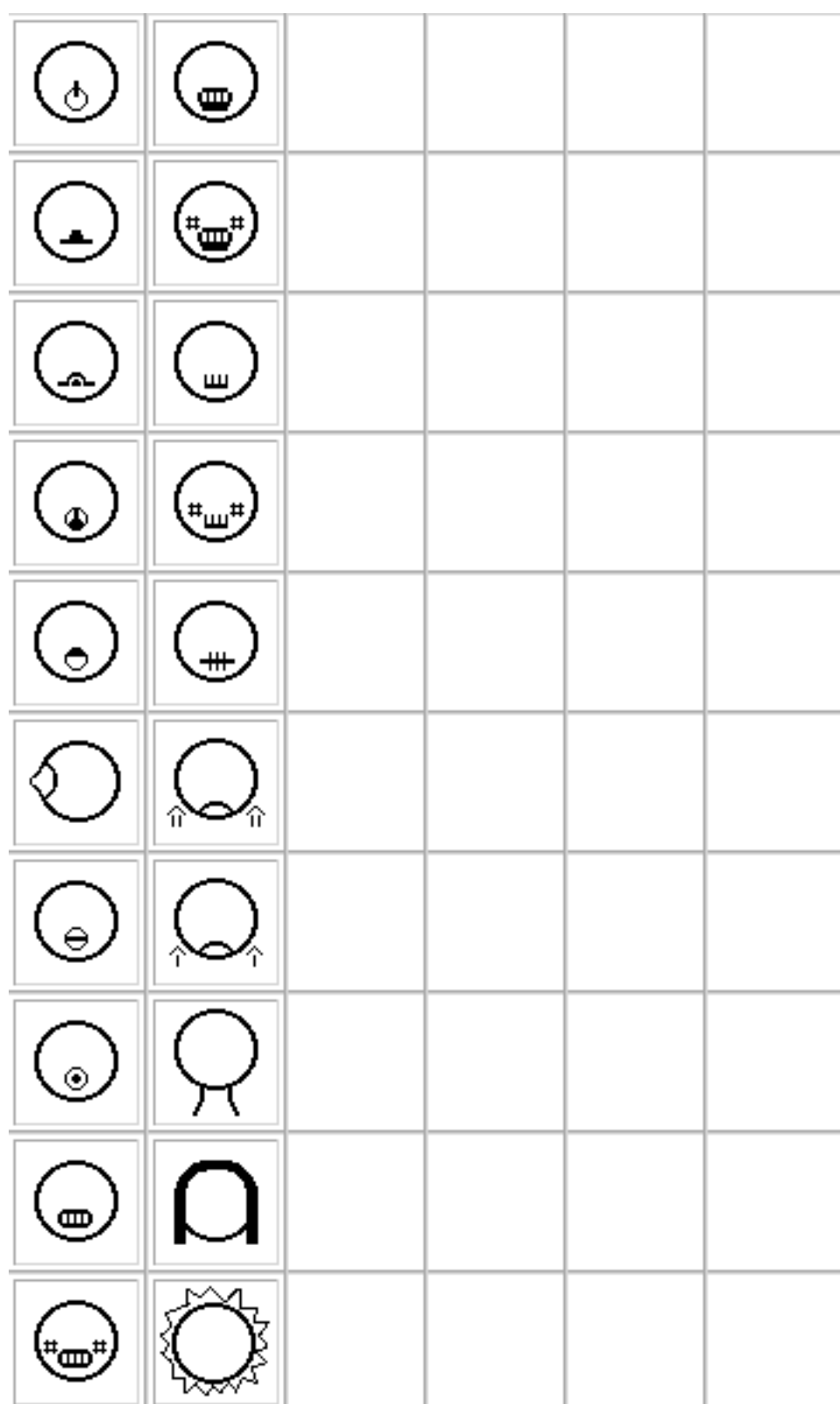
Group 22: Cheeks Ears Nose Breath

Group 23: Mouth Lips



Group 24: Tongue Teeth Chin Neck



Group 25: Head

Group 26: Shoulders Hips Torso

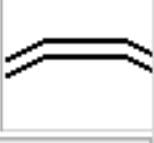
Group 27: Limbs

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Group 28: Dynamics Timing

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3					
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Group 29: Punctuation

Group 30: Location for Sorting

639 BaseSymbols

...Symbol Names and Organization...



x-ISWA-2008 Code Pages

All SymbolGroups

All BaseSymbols

Character Code

Hexideciamal

Symbol ID

BaseSymbol Data

Symbol	BaseSymbol Number	Name	Character Code	Hex	Symbol ID	Variations	Valid Fills	Valid Rotations
	BaseSymbol 1	Index	256	100	01-01-001-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 2	Index on Circle	352	160	01-01-002-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 3	Index on Cup	448	1c0	01-01-003-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 4	Index on Oval	544	220	01-01-004-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 5	Index on Hinge	640	280	01-01-005-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 6	Index on Angle	736	2e0	01-01-006-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 7	IndexBent	832	340	01-01-007-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 8	IndexBent on Circle	928	3a0	01-01-008-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 9	IndexBent on Fist ThumbUnder	1024	400	01-01-009-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 10	IndexCup	1120	460	01-01-010-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 11	IndexHinge	1216	4c0	01-01-011-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 12	IndexHinge Low	1312	520	01-01-011-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 13	IndexHinge on Circle	1408	580	01-01-012-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 14	IndexMiddle	1504	5e0	01-02-001-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 15	IndexMiddle on Circle	1600	640	01-02-002-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 16	IndexMiddle Bent	1696	6a0	01-02-003-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 17	IndexMiddle Hinge	1792	700	01-02-004-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 18	IndexUp MiddleHinge	1888	760	01-02-005-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 19	IndexHinge MiddleUp	1984	7c0	01-02-006-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 20	IndexMiddleUnit	2080	820	01-02-007-01	1,2,3	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 21	IndexMiddleUnit IndexBent	2176	880	01-02-007-02	1,2,3	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 22	IndexMiddleUnit MiddleBent	2272	8e0	01-02-007-03	1,2,3	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 23	IndexMiddleUnit Cup	2368	940	01-02-008-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 24	IndexMiddleUnit Hinge	2464	9a0	01-02-009-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16

	BaseSymbol 25	IndexMiddleCross	2560	a00	01-02-010-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 26	IndexMiddleCross on Circle	2656	a60	01-02-010-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 27	MiddleBent Over Index	2752	ac0	01-02-011-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 28	IndexBent Over Middle	2848	b20	01-02-012-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 29	IndexMiddleThumb	2944	b80	01-03-001-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 30	IndexMiddleThumb on Circle	3040	be0	01-03-002-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 31	IndexMiddleStraight ThumbBent	3136	c40	01-03-003-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 32	IndexMiddleBent ThumbStraight	3232	ca0	01-03-004-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 33	IndexMiddleThumb Bent	3328	d00	01-03-005-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 34	IndexMiddleHingeSpread ThumbSide	3424	d60	01-03-006-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 35	IndexUp MiddleHinge ThumbSide	3520	dc0	01-03-007-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 36	IndexUp MiddleHinge ThumbTight	3616	e20	01-03-008-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 37	IndexHinge MiddleUp ThumbSide	3712	e80	01-03-009-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 38	IndexMiddleUpSpread ThumbForward	3808	ee0	01-03-010-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 39	IndexMiddleThumb Cup	3904	f40	01-03-011-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 40	IndexMiddleThumb Circle	4000	fa0	01-03-012-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 41	IndexMiddleThumb Hook	4096	1000	01-03-013-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 42	IndexMiddleThumb Hinge	4192	1060	01-03-014-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 43	Thumb Between IndexMiddle	4288	10c0	01-03-015-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 44	IndexMiddleUnit ThumbSide	4384	1120	01-03-016-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 45	IndexMiddleUnit ThumbTight	4480	1180	01-03-017-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 46	IndexMiddleUnit ThumbBent	4576	11e0	01-03-018-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 47	MiddleThumbHook IndexUp	4672	1240	01-03-019-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 48	IndexThumbHook MiddleUp	4768	12a0	01-03-020-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 49	IndexMiddleUnitHinge ThumbSide	4864	1300	01-03-021-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 50	IndexMiddleCross ThumbSide	4960	1360	01-03-022-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 51	IndexMiddleUnit Thumb Forward	5056	13c0	01-03-023-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 52	IndexMiddleUnitCup ThumbForward	5152	1420	01-03-024-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 53	MiddleThumbCup IndexUp	5248	1480	01-03-025-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 54	IndexThumbCup MiddleUp	5344	14e0	01-03-026-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 55	MiddleThumbCircle IndexUp	5440	1540	01-03-027-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 56	MiddleThumbCircle IndexHinge	5536	15a0	01-03-028-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 57	IndexThumbAngleOut MiddleUp	5632	1600	01-03-029-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16

	BaseSymbol 58	IndexThumbAngleIn MiddleUp	5728	1660	01-03-029-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 59	IndexThumbCircle MiddleUp	5824	16c0	01-03-030-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 60	IndexMiddleThumb UnitHinge	5920	1720	01-03-031-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 61	IndexMiddleThumb AngleOut	6016	1780	01-03-032-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 62	IndexMiddleThumb Angle	6112	17e0	01-03-033-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 63	MiddleThumbAngleOut IndexUp	6208	1840	01-03-034-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 64	MiddleThumbAngleOut IndexCrossed	6304	18a0	01-03-035-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 65	MiddleThumbAngle IndexUp	6400	1900	01-03-036-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 66	IndexThumbHook MiddleAngle	6496	1960	01-03-037-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 67	FourFingers	6592	19c0	01-04-001-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 68	FourFingers Bent	6688	1a20	01-04-002-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 69	FourFingers Hinge	6784	1a80	01-04-003-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 70	FourFingers Unit	6880	1ae0	01-04-004-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 71	FourFingers Unit Split	6976	1b40	01-04-004-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 72	FourFingers UnitClaw	7072	1ba0	01-04-005-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 73	FourFingers UnitBent	7168	1c00	01-04-006-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 74	FourFingers UnitHinge	7264	1c60	01-04-007-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 75	FiveFingers Spread	7360	1cc0	01-05-001-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 76	FiveFingers Spread Heel	7456	1d20	01-05-002-01	NA	2	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 77	FiveFingers Spread Four Bent	7552	1d80	01-05-003-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 78	FiveFingers Spread 4 Bent Heel	7648	1de0	01-05-004-01	NA	2	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 79	FiveFingers Spread All Bent	7744	1e40	01-05-005-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 80	FiveFingers Spread All Bent Heel	7840	1ea0	01-05-006-01	NA	2	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 81	FiveFingers Spread ThumbForward	7936	1f00	01-05-007-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 82	FiveFingers Spread Cup	8032	1f60	01-05-008-01	1,2,3,4	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 83	FiveFingers Spread Open Cup	8128	1fc0	01-05-008-02	1,2,3,4	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 84	FiveFingers Spread Open Hinge	8224	2020	01-05-008-03	1,2,3,4	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 85	FiveFingers Spread Oval	8320	2080	01-05-008-04	1,2,3,4	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 86	FiveFingers Spread Hinge	8416	20e0	01-05-009-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 87	FiveFingers Spread Hinge ThumbSide	8512	2140	01-05-010-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 88	FiveFingers Spread Hinge NoThumb	8608	21a0	01-05-011-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 89	FlatHand	8704	2200	01-05-012-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 90	FlatHand InBetween PalmFacings	8800	2260	01-05-013-01	NA	1,2,3,4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 91	FlatHand Heel	8896	22c0	01-05-014-01	NA	2	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16

	BaseSymbol 92	Flat ThumbSide	8992	2320	01-05-015-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 93	Flat ThumbSide Heel	9088	2380	01-05-016-01	NA	2	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 94	Flat ThumbBent	9184	23e0	01-05-017-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 95	Flat ThumbForward	9280	2440	01-05-018-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 96	FlatSplit Index ThumbSide	9376	24a0	01-05-019-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 97	FlatSplit Center	9472	2500	01-05-020-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 98	FlatSplit Center ThumbSide	9568	2560	01-05-021-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 99	FlatSplit Center ThumbSideBent	9664	25c0	01-05-022-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 100	FlatSplit Baby	9760	2620	01-05-023-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 101	Claw	9856	2680	01-05-024-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 102	Claw ThumbSide	9952	26e0	01-05-025-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 103	Claw NoThumb	10048	2740	01-05-026-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 104	Claw ThumbForward	10144	27a0	01-05-027-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 105	Hook Curlicue	10240	2800	01-05-028-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 106	Hook	10336	2860	01-05-028-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 107	Open Cup	10432	28c0	01-05-029-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 108	Cup	10528	2920	01-05-029-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 109	Open Cup ThumbSide	10624	2980	01-05-030-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 110	Cup ThumbSide	10720	29e0	01-05-030-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 111	Open Cup NoThumb	10816	2a40	01-05-031-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 112	Cup NoThumb	10912	2aa0	01-05-031-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 113	Open Cup ThumbForward	11008	2b00	01-05-032-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 114	Cup ThumbForward	11104	2b60	01-05-032-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 115	Open Curlicue	11200	2bc0	01-05-033-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 116	Curlicue	11296	2c20	01-05-033-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 117	Circle	11392	2c80	01-05-034-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 118	Oval	11488	2ce0	01-05-035-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 119	Oval ThumbSide	11584	2d40	01-05-036-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 120	Oval NoThumb	11680	2da0	01-05-037-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 121	Oval ThumbForward	11776	2e00	01-05-038-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 122	Open Hinge	11872	2e60	01-05-039-01	1,2,3,4	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 123	Open Hinge ThumbForward	11968	2ec0	01-05-039-02	1,2,3,4	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 124	Hinge	12064	2f20	01-05-039-03	1,2,3,4	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 125	Small Hinge	12160	2f80	01-05-039-04	1,2,3,4	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16

	BaseSymbol 126	Open Hinge ThumbSide	12256	2fe0	01-05-040-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 127	Hinge ThumbSide	12352	3040	01-05-040-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 128	Open Hinge NoThumb	12448	30a0	01-05-041-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 129	Hinge NoThumb	12544	3100	01-05-041-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 130	Hinge ThumbSideTouchesIndex	12640	3160	01-05-042-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 131	Hinge ThumbBetweenMiddleRing	12736	31c0	01-05-043-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 132	Angle	12832	3220	01-05-044-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 133	IndexMiddleRing	12928	3280	01-06-001-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 134	IndexMiddleRing on Circle	13024	32e0	01-06-002-01	1,2,3	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 135	IndexMiddleBaby on Hinge	13120	3340	01-06-002-02	1,2,3	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 136	IndexMiddleBaby on Angle	13216	33a0	01-06-002-03	1,2,3	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 137	IndexMiddleRing Bent	13312	3400	01-06-003-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 138	IndexMiddleRing Unit	13408	3460	01-06-004-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 139	IndexMiddleRing UnitHinge	13504	34c0	01-06-005-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 140	BabyDown	13600	3520	01-06-006-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 141	BabyDown RippleStraight	13696	3580	01-06-006-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 142	BabyDown RippleCurved	13792	35e0	01-06-007-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 143	BabyDown OthersCircle	13888	3640	01-06-007-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 144	BabyUp	13984	36a0	01-06-008-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 145	BabyUp Thumb Under	14080	3700	01-06-008-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 146	BabyUp on Circle	14176	3760	01-06-009-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 147	BabyUp on Oval	14272	37c0	01-06-010-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 148	BabyUp on Angle	14368	3820	01-06-011-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 149	BabyBent	14464	3880	01-06-012-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 150	Baby Touches Thumb	14560	38e0	01-06-012-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 151	BabyThumb	14656	3940	01-06-013-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 152	BabyThumb on Hinge	14752	39a0	01-06-014-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 153	BabyIndexThumb	14848	3a00	01-06-015-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 154	BabyIndexThumb on Hinge	14944	3a60	01-06-016-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 155	BabyIndexThumb AngleOut	15040	3ac0	01-06-017-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 156	BabyIndexThumb Angle	15136	3b20	01-06-018-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 157	BabyIndex	15232	3b80	01-06-019-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 158	BabyIndex on Circle	15328	3be0	01-06-020-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 159	BabyIndex on Hinge	15424	3c40	01-06-020-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16

	BaseSymbol 160	BabyIndex on Angle	15520	3ca0	01-06-021-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 161	IndexMiddleBaby	15616	3d00	01-07-001-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 162	IndexMiddleBaby on Circle	15712	3d60	01-07-002-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 163	IndexMiddleBaby on Hinge	15808	3dc0	01-07-002-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 164	IndexMiddleBaby on Angle	15904	3e20	01-07-003-01	1,2,3	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 165	IndexMiddleCrossBaby	16000	3e80	01-07-003-02	1,2,3	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 166	IndexMiddleCrossBaby on Circle	16096	3ee0	01-07-003-03	1,2,3	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 167	RingDown	16192	3f40	01-07-004-01	1,2,3	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 168	RingDown Ethiopia 1	16288	3fa0	01-07-004-02	1,2,3	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 169	RingDown Ethiopia 2	16384	4000	01-07-004-03	1,2,3	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 170	RingUp	16480	4060	01-07-005-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 171	RingBaby	16576	40c0	01-07-006-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 172	RingBaby on Circle	16672	4120	01-07-006-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 173	RingBaby on Oval	16768	4180	01-07-007-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 174	RingBaby on Angle	16864	41e0	01-07-008-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 175	RingMiddle	16960	4240	01-07-009-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 176	RingMiddle Unit	17056	42a0	01-07-010-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 177	RingIndex	17152	4300	01-07-011-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 178	RingThumb	17248	4360	01-07-012-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 179	RingThumb Hook	17344	43c0	01-07-013-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 180	IndexRingBaby	17440	4420	01-08-001-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 181	IndexRingBaby on Circle	17536	4480	01-08-002-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 182	IndexRingBaby on Curlicue	17632	44e0	01-08-003-01	1,2,3,4	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 183	IndexRingBaby on HookOut	17728	4540	01-08-003-02	1,2,3,4	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 184	IndexRingBaby on HookIn	17824	45a0	01-08-003-03	1,2,3,4	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 185	IndexRingBaby on HookUnder	17920	4600	01-08-003-04	1,2,3,4	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 186	IndexRingBaby on Cup	18016	4660	01-08-004-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 187	IndexRingBaby on Hinge	18112	46c0	01-08-005-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 188	IndexRingBaby on AngleOut	18208	4720	01-08-006-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 189	IndexRingBaby on Angle	18304	4780	01-08-007-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 190	MiddleDown	18400	47e0	01-08-008-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 191	MiddleHinge	18496	4840	01-08-009-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 192	MiddleUp	18592	48a0	01-08-010-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 193	MiddleUp on Circle	18688	4900	01-08-010-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16

	BaseSymbol 194	MiddleUp ThumbSide	18784	4960	01-08-011-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 195	MiddleThumb Hook	18880	49c0	01-08-012-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 196	MiddleThumbBaby	18976	4a20	01-08-013-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 197	MiddleBaby	19072	4a80	01-08-014-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 198	MiddleRingBaby	19168	4ae0	01-09-001-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 199	MiddleRingBaby on Circle	19264	4b40	01-09-002-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 200	MiddleRingBaby on Curlicue	19360	4ba0	01-09-003-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 201	MiddleRingBaby on Cup	19456	4c00	01-09-004-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 202	MiddleRingBaby on Hinge	19552	4c60	01-09-005-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 203	MiddleRingBaby on AngleOut	19648	4cc0	01-09-006-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 204	MiddleRingBaby on AngleIn	19744	4d20	01-09-007-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 205	MiddleRingBaby on Angle	19840	4d80	01-09-008-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 206	MiddleRingBaby Bent	19936	4de0	01-09-009-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 207	MiddleRingBaby Unit on Claw	20032	4e40	01-09-010-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 208	MiddleRingBaby Unit on ClawSide	20128	4ea0	01-09-011-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 209	MiddleRingBaby Unit on HookOut	20224	4f00	01-09-012-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 210	MiddleRingBaby Unit on HookIn	20320	4f60	01-09-013-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 211	MiddleRingBaby Unit on Hook	20416	4fc0	01-09-014-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 212	Index ThumbSide	20512	5020	01-09-015-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 213	Index ThumbSideUnit	20608	5080	01-09-016-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 214	Index ThumbSideUnitTight	20704	50e0	01-09-016-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 215	IndexStraight ThumbBent	20800	5140	01-09-017-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 216	IndexBent ThumbSide	20896	51a0	01-09-018-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 217	IndexBent ThumbSideBent	20992	5200	01-09-019-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 218	IndexHinge ThumbSide	21088	5260	01-09-020-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 219	IndexUp ThumbForward	21184	52c0	01-09-021-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 220	IndexBent ThumbForward	21280	5320	01-09-022-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 221	IndexThumb BentHook	21376	5380	01-09-023-01	1,2,3,4,5	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 222	IndexThumb Curlicue	21472	53e0	01-09-023-02	1,2,3,4,5	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 223	IndexThumb Curve AngleIn	21568	5440	01-09-023-03	1,2,3,4,5	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 224	IndexThumb Ethiopia	21664	54a0	01-09-023-04	1,2,3,4,5	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 225	IndexThumb CurveUnder	21760	5500	01-09-023-05	1,2,3,4,5	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 226	IndexThumb Circle	21856	5560	01-09-024-01	1,2,3	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 227	IndexThumb Cup	21952	55c0	01-09-024-02	1,2,3	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16

	BaseSymbol 228	IndexThumb CupLarge	22048	5620	01-09-024-03	1,2,3	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 229	IndexThumb OpenHinge	22144	5680	01-09-025-01	1,2,3,4	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 230	IndexThumb HingeLarge	22240	56e0	01-09-025-02	1,2,3,4	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 231	IndexThumb Hinge	22336	5740	01-09-025-03	1,2,3,4	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 232	IndexThumb HingeSmall	22432	57a0	01-09-025-04	1,2,3,4	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 233	IndexThumb AngleOut	22528	5800	01-09-026-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 234	IndexThumb AngleIn	22624	5860	01-09-027-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 235	IndexThumb Angle	22720	58c0	01-09-028-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 236	Thumb	22816	5920	01-10-001-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 237	Thumb Heel	22912	5980	01-10-002-01	NA	2	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 238	Thumb SideUnitDiagonal	23008	59e0	01-10-003-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 239	Thumb SideUnitTight	23104	5a40	01-10-003-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 240	Thumb SideBent	23200	5aa0	01-10-004-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 241	Thumb Forward	23296	5b00	01-10-005-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 242	Thumb BetweenIndexMiddle	23392	5b60	01-10-006-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 243	Thumb BetweenMiddleRing	23488	5bc0	01-10-007-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 244	Thumb BetweenRingBaby	23584	5c20	01-10-008-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 245	Thumb Under2Fingers	23680	5c80	01-10-009-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 246	Thumb Over2Fingers	23776	5ce0	01-10-009-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 247	Thumb Under3Fingers	23872	5d40	01-10-010-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 248	Thumb Under4Fingers	23968	5da0	01-10-011-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 249	Fist	24064	5e00	01-10-012-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 250	Fist Heel	24160	5e60	01-10-013-01	NA	2	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 251	Touch Single	24256	5ec0	02-01-001-01	NA	1	1
	BaseSymbol 252	Touch Multiple	24352	5f20	02-01-002-01	NA	1,2	1,2,3,4
	BaseSymbol 253	Touch Between	24448	5f80	02-01-003-01	NA	1,2	1,2,3,4
	BaseSymbol 254	Grasp Single	24544	5fe0	02-01-004-01	NA	1	1
	BaseSymbol 255	Grasp Multiple	24640	6040	02-01-005-01	NA	1,2	1,2,3,4
	BaseSymbol 256	Grasp Between	24736	60a0	02-01-006-01	NA	1,2	1,2,3,4
	BaseSymbol 257	Strike Single	24832	6100	02-01-007-01	NA	1	1
	BaseSymbol 258	Strike Multiple	24928	6160	02-01-008-01	NA	1,2	1,2,3,4
	BaseSymbol 259	Strike Between	25024	61c0	02-01-009-01	NA	1,2	1,2,3,4
	BaseSymbol 260	Brush Single	25120	6220	02-01-010-01	NA	1	1
	BaseSymbol 261	Brush Multiple	25216	6280	02-01-011-01	NA	1,2	1,2,3,4

	BaseSymbol 262	Brush Between	25312	62e0	02-01-012-01	NA	1,2	1,2,3,4
	BaseSymbol 263	Rub Single	25408	6340	02-01-013-01	NA	1	1
	BaseSymbol 264	Rub Multiple	25504	63a0	02-01-014-01	NA	1,2	1,2,3,4
	BaseSymbol 265	Rub Between	25600	6400	02-01-015-01	NA	1,2	1,2,3,4
	BaseSymbol 266	Surface Symbols	25696	6460	02-01-016-01	NA	1,2	1,2,3,4,5,6,7,8
	BaseSymbol 267	Surface Between	25792	64c0	02-01-017-01	NA	1,2	1,2,3,4
	BaseSymbol 268	Squeeze Large Single	25888	6520	02-02-001-01	1,2	1	1
	BaseSymbol 269	Squeeze Small Single	25984	6580	02-02-001-02	1,2	1	1
	BaseSymbol 270	Squeeze Large Multiple	26080	65e0	02-02-002-01	1,2	1,2	1,2,3,4
	BaseSymbol 271	Squeeze Small Multiple	26176	6640	02-02-002-02	1,2	1,2	1,2,3,4
	BaseSymbol 272	Squeeze Sequential	26272	66a0	02-02-003-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 273	Flick Large Single	26368	6700	02-02-004-01	1,2	1	1
	BaseSymbol 274	Flick Small Single	26464	6760	02-02-004-02	1,2	1	1
	BaseSymbol 275	Flick Large Multiple	26560	67c0	02-02-005-01	1,2	1,2	1,2,3,4
	BaseSymbol 276	Flick Small Multiple	26656	6820	02-02-005-02	1,2	1,2	1,2,3,4
	BaseSymbol 277	Flick Sequential	26752	6880	02-02-006-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 278	Squeeze-Flick Alternating	26848	68e0	02-02-007-01	NA	1,2	1,2,3,4,5,6,7,8
	BaseSymbol 279	Hinge Up-Down Large	26944	6940	02-02-008-01	1,2	1,2,3,4,5	1,2,3,4,5,6,7,8
	BaseSymbol 280	Hinge Up-Down Small	27040	69a0	02-02-008-02	1,2	1,2,3,4,5	1,2,3,4,5,6,7,8
	BaseSymbol 281	Hinge Up Sequential	27136	6a00	02-02-009-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 282	Hinge Down Sequential	27232	6a60	02-02-009-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 283	Hinge Up-Down Alternating Large	27328	6ac0	02-02-010-01	1,2	1,2,3,4	1,2,3,4,5,6,7,8
	BaseSymbol 284	Hinge Up-Down Alternating Small	27424	6b20	02-02-010-02	1,2	1,2,3,4	1,2,3,4,5,6,7,8
	BaseSymbol 285	Hinge Side-Side Scissors	27520	6b80	02-02-011-01	NA	1,2,3,4	1,2,3,4,5,6,7,8
	BaseSymbol 286	FingerContact Movement Wall	27616	6be0	02-02-012-01	NA	1,2,3,4,5	1,2,3,4,5,6,7,8
	BaseSymbol 287	FingerContact Movement Floor	27712	6c40	02-02-013-01	NA	1,2,3,4,5	1,2,3,4,5,6,7,8
	BaseSymbol 288	Straight Wall Plane Small	27808	6ca0	02-03-001-01	1,2,3,4,5	1,2,3,4	1,2,3,4,5,6,7,8
	BaseSymbol 289	Straight Wall Plane Medium	27904	6d00	02-03-001-02	1,2,3,4,5	1,2,3,4	1,2,3,4,5,6,7,8
	BaseSymbol 290	Straight Wall Plane Large	28000	6d60	02-03-001-03	1,2,3,4,5	1,2,3,4	1,2,3,4,5,6,7,8
	BaseSymbol 291	Straight Wall Plane Largest	28096	6dc0	02-03-001-04	1,2,3,4,5	1,2,3,4	1,2,3,4,5,6,7,8
	BaseSymbol 292	Wrist Flex Straight Wall Plane	28192	6e20	02-03-001-05	1,2,3,4,5	1,2,3,4	1,2,3,4,5,6,7,8
	BaseSymbol 293	Double Wall Plane	28288	6e80	02-03-002-01	1,2	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 294	Wrist Flex Double Wall Plane	28384	6ee0	02-03-002-02	1,2	1,2,3	1,2,3,4,5,6,7,8

	BaseSymbol 295	Double Alternating Wall Plane	28480	6f40	02-03-003-01	1,2	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 296	Wrist Flex Double Alternating Wall	28576	6fa0	02-03-003-02	1,2	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 297	Cross Wall Plane	28672	7000	02-03-004-01	NA	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 298	Triple Wall Plane	28768	7060	02-03-005-01	1,2	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 299	Wrist Flex Triple Wall Plane	28864	70c0	02-03-005-02	1,2	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 300	Triple Alternating Wall Plane	28960	7120	02-03-006-01	1,2	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 301	Wrist Flex Triple Alternating Wall	29056	7180	02-03-006-02	1,2	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 302	Bend Wall Plane Small	29152	71e0	02-03-007-01	1,2,3	1,2,3,4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 303	Bend Wall Plane Medium	29248	7240	02-03-007-02	1,2,3	1,2,3,4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 304	Bend Wall Plane Large	29344	72a0	02-03-007-03	1,2,3	1,2,3,4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 305	Corner Wall Plane Small	29440	7300	02-03-008-01	1,2,3,4	1,2,3,4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 306	Corner Wall Plane Medium	29536	7360	02-03-008-02	1,2,3,4	1,2,3,4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 307	Corner Wall Plane Large	29632	73c0	02-03-008-03	1,2,3,4	1,2,3,4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 308	Corner Wall Plane with Rotation	29728	7420	02-03-008-04	1,2,3,4	1,2	1,2
	BaseSymbol 309	Check Wall Plane Small	29824	7480	02-03-009-01	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 310	Check Wall Plane Medium	29920	74e0	02-03-009-02	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 311	Check Wall Plane Large	30016	7540	02-03-009-03	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 312	Box Wall Plane Small	30112	75a0	02-03-010-01	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 313	Box Wall Plane Medium	30208	7600	02-03-010-02	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 314	Box Wall Plane Large	30304	7660	02-03-010-03	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 315	ZigZag Wall Plane Small	30400	76c0	02-03-011-01	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 316	ZigZag Wall Plane Medium	30496	7720	02-03-011-02	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 317	ZigZag Wall Plane Large	30592	7780	02-03-011-03	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 318	Peaks Wall Plane Small	30688	77e0	02-03-012-01	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 319	Peaks Wall Plane Medium	30784	7840	02-03-012-02	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 320	Peaks Wall Plane Large	30880	78a0	02-03-012-03	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 321	Travel Rotation Single Wall Plane	30976	7900	02-03-013-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 322	Travel Rotation Double Wall Plane	31072	7960	02-03-014-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 323	Travel Rotation Alternating Wall Plane	31168	79c0	02-03-015-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 324	Travel Rotation Single Floor Plane	31264	7a20	02-03-016-01	NA	1,2,3,4,5,6	1,2,4,5,6,8,9,10,12,13,14,16
	BaseSymbol 325	Travel Rotation Double Floor Plane	31360	7a80	02-03-017-01	NA	1,2,3,4,5,6	1,2,4,5,6,8,9,10,12,13,14,16

	BaseSymbol 326	Travel Rotation Alternating Floor Plane	31456	7ae0	02-03-018-01	NA	1,2,3,4,5,6	1,2,4,5,6,8,9,10,12,13,14,16
	BaseSymbol 327	Travel Shaking Wall Plane	31552	7b40	02-03-019-01	NA	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 328	Travel Arm Spiral Wall Plane Single	31648	7ba0	02-03-020-01	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 329	Travel Arm Spiral Wall Plane Double	31744	7c00	02-03-020-02	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 330	Travel Arm Spiral Wall Plane Triple	31840	7c60	02-03-020-03	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 331	Diagonal-Away Small	31936	7cc0	02-04-001-01	1,2,3,4	1,2,3	1,2,4,5,6,8
	BaseSymbol 332	Diagonal-Away Medium	32032	7d20	02-04-001-02	1,2,3,4	1,2,3	1,2,4,5,6,8
	BaseSymbol 333	Diagonal-Away Large	32128	7d80	02-04-001-03	1,2,3,4	1,2,3	1,2,4,5,6,8
	BaseSymbol 334	Diagonal-Away Largest	32224	7de0	02-04-001-04	1,2,3,4	1,2,3	1,2,4,5,6,8
	BaseSymbol 335	Diagonal-Towards Small	32320	7e40	02-04-002-01	1,2,3,4	1,2,3	1,2,4,5,6,8
	BaseSymbol 336	Diagonal-Towards Medium	32416	7ea0	02-04-002-02	1,2,3,4	1,2,3	1,2,4,5,6,8
	BaseSymbol 337	Diagonal-Towards Large	32512	7f00	02-04-002-03	1,2,3,4	1,2,3	1,2,4,5,6,8
	BaseSymbol 338	Diagonal-Towards Largest	32608	7f60	02-04-002-04	1,2,3,4	1,2,3	1,2,4,5,6,8
	BaseSymbol 339	Wall-DiagonalAway Small	32704	7fc0	02-04-003-01	1,2,3,4	1,2,3	1,2,4,5,6,8
	BaseSymbol 340	Wall-DiagonalAway Medium	32800	8020	02-04-003-02	1,2,3,4	1,2,3	1,2,4,5,6,8
	BaseSymbol 341	Wall-DiagonalAway Large	32896	8080	02-04-003-03	1,2,3,4	1,2,3	1,2,4,5,6,8
	BaseSymbol 342	Wall-DiagonalAway Largest	32992	80e0	02-04-003-04	1,2,3,4	1,2,3	1,2,4,5,6,8
	BaseSymbol 343	Wall-DiagonalTowards Small	33088	8140	02-04-004-01	1,2,3,4	1,2,3	1,2,4,5,6,8
	BaseSymbol 344	Wall-DiagonalTowards Medium	33184	81a0	02-04-004-02	1,2,3,4	1,2,3	1,2,4,5,6,8
	BaseSymbol 345	Wall-DiagonalTowards Large	33280	8200	02-04-004-03	1,2,3,4	1,2,3	1,2,4,5,6,8
	BaseSymbol 346	Wall-DiagonalTowards Largest	33376	8260	02-04-004-04	1,2,3,4	1,2,3	1,2,4,5,6,8
	BaseSymbol 347	Straight Floor Plane Small	33472	82c0	02-05-001-01	1,2,3,4,5	1,2,3,4	1,2,3,4,5,6,7,8
	BaseSymbol 348	Straight Floor Plane Medium	33568	8320	02-05-001-02	1,2,3,4,5	1,2,3,4	1,2,3,4,5,6,7,8
	BaseSymbol 349	Straight Floor Plane Large	33664	8380	02-05-001-03	1,2,3,4,5	1,2,3,4	1,2,3,4,5,6,7,8
	BaseSymbol 350	Straight Wall Plane Largest	33760	83e0	02-05-001-04	1,2,3,4,5	1,2,3,4	1,2,3,4,5,6,7,8
	BaseSymbol 351	Wrist Flex Straight Floor Plane	33856	8440	02-05-001-05	1,2,3,4,5	1,2,3,4	1,2,3,4,5,6,7,8
	BaseSymbol 352	Double Floor Plane	33952	84a0	02-05-002-01	1,2	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 353	Wrist Flex Double Floor Plane	34048	8500	02-05-002-02	1,2	1,2,3	1,2,3,4,5,6,7,8

	BaseSymbol 354	Double Alternating Floor Plane	34144	8560	02-05-003-01	1,2	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 355	Wrist Flex Double Alternating Floor Plane	34240	85c0	02-05-003-02	1,2	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 356	Cross Floor Plane	34336	8620	02-05-004-01	NA	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 357	Triple Floor Plane	34432	8680	02-05-005-01	1,2	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 358	Wrist Flex Triple Floor Plane	34528	86e0	02-05-005-02	1,2	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 359	Triple Alternating Floor Plane	34624	8740	02-05-006-01	1,2	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 360	Wrist Flex Triple Alternating Floor Plane	34720	87a0	02-05-006-02	1,2	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 361	Bend Floor Plane	34816	8800	02-05-007-01	NA	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 362	Corner Floor Plane Small	34912	8860	02-05-008-01	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 363	Corner Floor Plane Medium	35008	88c0	02-05-008-02	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 364	Corner Floor Plane Large	35104	8920	02-05-008-03	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 365	Check Floor Plane	35200	8980	02-05-009-01	NA	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 366	Box Floor Plane Small	35296	89e0	02-05-010-01	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 367	Box Floor Plane Medium	35392	8a40	02-05-010-02	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 368	Box Floor Plane Large	35488	8aa0	02-05-010-03	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 369	ZigZag Floor Plane Small	35584	8b00	02-05-011-01	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 370	ZigZag Floor Plane Medium	35680	8b60	02-05-011-02	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 371	ZigZag Floor Plane Large	35776	8bc0	02-05-011-03	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 372	Peaks Floor Plane Small	35872	8c20	02-05-012-01	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 373	Peaks Floor Plane Medium	35968	8c80	02-05-012-02	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 374	Peaks Floor Plane Large	36064	8ce0	02-05-012-03	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 375	Travel Rotation Single Floor Plane	36160	8d40	02-05-013-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 376	Travel Rotation Double Floor Plane	36256	8da0	02-05-014-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 377	Travel Rotation Alternating Floor Plane	36352	8e00	02-05-015-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 378	Travel Rotation Single Wall Plane	36448	8e60	02-05-016-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 379	Travel Rotation Double Wall Plane	36544	8ec0	02-05-017-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 380	Travel Rotation Alternating Wall Plane	36640	8f20	02-05-018-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 381	Travel Shaking Floor Plane	36736	8f80	02-05-019-01	NA	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 382	Curve Wall Quarter Small	36832	8fe0	02-06-001-01	1,2,3,4	1,2,3,4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 383	Curve Wall Quarter Medium	36928	9040	02-06-001-02	1,2,3,4	1,2,3,4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 384	Curve Wall Quarter Large	37024	90a0	02-06-001-03	1,2,3,4	1,2,3,4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 385	Curve Wall Quarter Largest	37120	9100	02-06-001-04	1,2,3,4	1,2,3,4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16

	BaseSymbol 386	Curve Wall Half Circle Small	37216	9160	02-06-002-01	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 387	Curve Wall Half Circle Medium	37312	91c0	02-06-002-02	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 388	Curve Wall Half Circle Large	37408	9220	02-06-002-03	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 389	Curve Wall Half Circle Largest	37504	9280	02-06-002-04	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 390	Curve Wall 3/4 Circle Small	37600	92e0	02-06-003-01	1,2	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 391	Curve Wall 3/4 Circle Medium	37696	9340	02-06-003-02	1,2	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 392	Hump Wall Plane Small	37792	93a0	02-06-004-01	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 393	Hump Wall Plane Medium	37888	9400	02-06-004-02	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 394	Hump Wall Plane Large	37984	9460	02-06-004-03	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 395	Loop Wall Plane Small	38080	94c0	02-06-005-01	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 396	Loop Wall Plane Medium	38176	9520	02-06-005-02	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 397	Loop Wall Plane Large	38272	9580	02-06-005-03	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 398	Loop Wall Plane Small Double	38368	95e0	02-06-005-04	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 399	Wave Wall Plane 2Curves Small	38464	9640	02-06-006-01	1,2,3,4,5	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 400	Wave Wall Plane 2Curves Medium	38560	96a0	02-06-006-02	1,2,3,4,5	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 401	Wave Wall Plane 2Curves Large	38656	9700	02-06-006-03	1,2,3,4,5	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 402	Wave Wall Plane 3Curves Small	38752	9760	02-06-006-04	1,2,3,4,5	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 403	Wave Wall Plane 3Curves Medium	38848	97c0	02-06-006-05	1,2,3,4,5	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 404	Wave Wall Plane 3Curves Large	38944	9820	02-06-006-06	1,2,3,4,5	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 405	Arrow Curve-Straight Wall Plane	39040	9880	02-06-007-01	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 406	Arrow Curved Cross Wall Small	39136	98e0	02-06-007-02	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 407	Arrow Curved Cross Wall Medium	39232	9940	02-06-007-03	1,2,3	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 408	Rotation Single Wall Plane	39328	99a0	02-06-008-01	NA	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 409	Rotation Double Wall Plane	39424	9a00	02-06-009-01	NA	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 410	Rotation Alternate Wall Plane	39520	9a60	02-06-010-01	NA	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 411	Shaking Wall Plane	39616	9ac0	02-06-011-01	NA	1,2,3,4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 412	Curve Hits Front Wall	39712	9b20	02-07-001-01	NA	1,2,3	1,2,3,4
	BaseSymbol 413	Hump Hits Front Wall	39808	9b80	02-07-002-01	NA	1,2,3	1,2,3,4

	BaseSymbol 414	Loop Hits Front Wall	39904	9be0	02-07-003-01	NA	1,2,3	1,2,3,4
	BaseSymbol 415	Wave Hits Front Wall	40000	9c40	02-07-004-01	NA	1,2,3	1,2,3,4
	BaseSymbol 416	Rotation Single Hits Front Wall	40096	9ca0	02-07-005-01	NA	1,2,3	1,2,3,4
	BaseSymbol 417	Rotation Double Hits Front Wall	40192	9d00	02-07-006-01	NA	1,2,3	1,2,3,4
	BaseSymbol 418	Rotation Alternating Hits Front Wall	40288	9d60	02-07-007-01	NA	1,2,3	1,2,3,4
	BaseSymbol 419	Curve Hits Chest	40384	9dc0	02-07-009-01	NA	1,2,3	1,2,3,4
	BaseSymbol 420	Hump Hits Chest	40480	9e20	02-07-010-01	NA	1,2,3	1,2,3,4
	BaseSymbol 421	Loop Hits Chest	40576	9e80	02-07-011-01	NA	1,2,3	1,2,3,4
	BaseSymbol 422	Wave Hits Chest	40672	9ee0	02-07-012-01	NA	1,2,3	1,2,3,4
	BaseSymbol 423	Rotation Single Hits Chest	40768	9f40	02-07-013-01	NA	1,2,3	1,2,3,4
	BaseSymbol 424	Rotation Double Hits Chest	40864	9fa0	02-07-014-01	NA	1,2,3	1,2,3,4
	BaseSymbol 425	Rotation Alternating Hits Chest	40960	a000	02-07-015-01	NA	1,2,3	1,2,3,4
	BaseSymbol 426	Wave Diagonal Path Small	41056	a060	02-07-016-01	1,2,3	1,2,3	1,2,4,5,6,8,9,10,12,13,14,16
	BaseSymbol 427	Wave Diagonal Path Medium	41152	a0c0	02-07-016-02	1,2,3	1,2,3	1,2,4,5,6,8,9,10,12,13,14,16
	BaseSymbol 428	Wave Diagonal Path Large	41248	a120	02-07-016-03	1,2,3	1,2,3	1,2,4,5,6,8,9,10,12,13,14,16
	BaseSymbol 429	Curve Hits Ceiling Small	41344	a180	02-08-001-01	1,2	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 430	Curve Hits Ceiling Large	41440	a1e0	02-08-001-02	1,2	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 431	Hump Hits Ceiling 2Humps Small	41536	a240	02-08-002-01	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 432	Hump Hits Ceiling 2Humps Large	41632	a2a0	02-08-002-02	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 433	Hump Hits Ceiling 3Humps Small	41728	a300	02-08-002-03	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 434	Hump Hits Ceiling 3Humps Large	41824	a360	02-08-002-04	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 435	Loop Hits Ceiling Small Single	41920	a3c0	02-08-003-01	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 436	Loop Hits Ceiling Large Single	42016	a420	02-08-003-02	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 437	Loop Hits Ceiling Small Double	42112	a480	02-08-003-03	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 438	Loop Hits Ceiling Large Double	42208	a4e0	02-08-003-04	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 439	Wave Hits Ceiling Small	42304	a540	02-08-004-01	1,2	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 440	Wave Hits Ceiling Large	42400	a5a0	02-08-004-02	1,2	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 441	Rotation Single Hits Ceiling	42496	a600	02-08-005-01	NA	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 442	Rotation Double Hits Ceiling	42592	a660	02-08-006-01	NA	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 443	Rotation Alternating Hits Ceiling	42688	a6c0	02-08-007-01	NA	1,2,3	1,2,3,4,5,6,7,8

	BaseSymbol 444	Curve Hits Floor Small	42784	a720	02-08-008-01	1,2	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 445	Curve Hits Floor Large	42880	a780	02-08-008-02	1,2	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 446	Hump Hits Floor 2Humps Small	42976	a7e0	02-08-009-01	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 447	Hump Hits Floor 2Humps Large	43072	a840	02-08-009-02	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 448	Hump Hits Floor 3Humps Small	43168	a8a0	02-08-009-03	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 449	Hump Hits Floor 3Humps Large	43264	a900	02-08-009-04	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 450	Loop Hits Floor Small Single	43360	a960	02-08-010-01	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 451	Loop Hits Floor Large Single	43456	a9c0	02-08-010-02	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 452	Loop Hits Floor Small Double	43552	aa20	02-08-010-03	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 453	Loop Hits Floor Large Double	43648	aa80	02-08-010-04	1,2,3,4	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 454	Wave Hits Floor Small	43744	aae0	02-08-011-01	1,2	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 455	Wave Hits Floor Large	43840	ab40	02-08-011-02	1,2	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 456	Rotation Single Hits Floor	43936	aba0	02-08-012-01	NA	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 457	Rotation Double Hits Floor	44032	ac00	02-08-013-01	NA	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 458	Rotation Alternating Hits Floor	44128	ac60	02-08-014-01	NA	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 459	Curve Floor Plane Small	44224	acc0	02-09-001-01	1,2,3,4,5	1,2,3,4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 460	Curve Floor Plane Medium1	44320	ad20	02-09-001-02	1,2,3,4,5	1,2,3,4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 461	Curve Floor Plane Medium2	44416	ad80	02-09-001-03	1,2,3,4,5	1,2,3,4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 462	Curve Floor Plane Large	44512	ade0	02-09-001-04	1,2,3,4,5	1,2,3,4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 463	Curve Floor Plane Combined	44608	ae40	02-09-001-05	1,2,3,4,5	1,2,3,4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 464	Hump Floor Plane Small	44704	aea0	02-09-002-01	NA	1,2,3,4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 465	Loop Floor Plane Small	44800	af00	02-09-003-01	NA	1,2,3,4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 466	Wave Floor Plane Snake	44896	af60	02-09-004-01	1,2,3	1,2,3,4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 467	Wave Floor Plane Small	44992	afc0	02-09-004-02	1,2,3	1,2,3,4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 468	Wave Floor Plane Large	45088	b020	02-09-004-03	1,2,3	1,2,3,4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 469	Rotation Single Floor Plane	45184	b080	02-09-005-01	NA	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 470	Rotation Double Floor Plane	45280	b0e0	02-09-006-01	NA	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 471	Rotation Alternating Floor Plane	45376	b140	02-09-007-01	NA	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 472	Shaking Parallel Floor	45472	b1a0	02-09-008-01	NA	1,2,3,4	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 473	Arm Circle Wall Small Single	45568	b200	02-10-001-01	1,2	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 474	Arm Circle Wall Medium Single	45664	b260	02-10-001-02	1,2	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 475	Arm Circle Wall Small Double	45760	b2c0	02-10-002-01	1,2	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 476	Arm Circle Wall Medium Double	45856	b320	02-10-002-02	1,2	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16

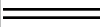
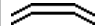
	BaseSymbol 477	Arm Circle Hits Wall Small Single	45952	b380	02-10-003-01	1,2,3	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 478	Arm Circle Hits Wall Medium Single	46048	b3e0	02-10-003-02	1,2,3	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 479	Arm Circle Hits Wall Large Single	46144	b440	02-10-003-03	1,2,3	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 480	Arm Circle Hits Wall Small Double	46240	b4a0	02-10-004-01	1,2,3	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 481	Arm Circle Hits Wall Medium Double	46336	b500	02-10-004-02	1,2,3	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 482	Arm Circle Hits Wall Large Double	46432	b560	02-10-004-03	1,2,3	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 483	Wrist Circle Front Wall Single	46528	b5c0	02-10-005-01	1,2	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 484	Wrist Circle Front Wall Double	46624	b620	02-10-005-02	1,2	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 485	Wrist Circle Hits Wall Single	46720	b680	02-10-006-01	1,2	1,2,3	1,2,3,4,5,6
	BaseSymbol 486	Wrist Circle Hits Wall Double	46816	b6e0	02-10-006-02	1,2	1,2,3	1,2,3,4,5,6
	BaseSymbol 487	Finger Circles Wall Single	46912	b740	02-10-007-01	1,2,3,4	1,2	1,2,3,4,5,6,7,8
	BaseSymbol 488	Finger Circles Wall Double	47008	b7a0	02-10-007-02	1,2,3,4	1,2	1,2,3,4,5,6,7,8
	BaseSymbol 489	Finger Circles Hits Wall Single	47104	b800	02-10-007-03	1,2,3,4	1,2	1,2,3,4,5,6,7,8
	BaseSymbol 490	Finger Circles Hits Wall Double	47200	b860	02-10-007-04	1,2,3,4	1,2	1,2,3,4,5,6,7,8
	BaseSymbol 491	Arrowheads Small	47296	b8c0	02-10-008-01	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8
	BaseSymbol 492	Arrowheads Large	47392	b920	02-10-008-02	1,2	1,2,3,4,5,6	1,2,3,4,5,6,7,8
	BaseSymbol 493	Eyebrows Straight Up	47488	b980	03-01-001-01	1,2,3	1,2,3,4,5,6	1
	BaseSymbol 494	Eyebrows Straight Neutral	47584	b9e0	03-01-001-02	1,2,3	1,2,3,4,5,6	1
	BaseSymbol 495	Eyebrows Straight Down	47680	ba40	03-01-001-03	1,2,3	1,2,3,4,5,6	1
	BaseSymbol 496	Dreamy Eyebrows Neutral-Down	47776	baa0	03-01-002-01	1,2,3,4	1,2,3,4,5,6	1
	BaseSymbol 497	Dreamy Eyebrows Down-Neutral	47872	bb00	03-01-002-02	1,2,3,4	1,2,3,4,5,6	1
	BaseSymbol 498	Dreamy Eyebrows Up-Neutral	47968	bb60	03-01-002-03	1,2,3,4	1,2,3,4,5,6	1
	BaseSymbol 499	Dreamy Eyebrows Neutral-Up	48064	bbc0	03-01-002-04	1,2,3,4	1,2,3,4,5,6	1
	BaseSymbol 500	Forehead Neutral	48160	bc20	03-01-003-01	1,2,3	1,2	1
	BaseSymbol 501	Forehead Contact	48256	bc80	03-01-003-02	1,2,3	1,2	1
	BaseSymbol 502	Forehead Wrinkled	48352	bce0	03-01-003-03	1,2,3	1,2	1
	BaseSymbol 503	Eyes Open	48448	bd40	03-01-004-01	1,2,3,4,5	1,2,3,4,5	1
	BaseSymbol 504	Eyes Squeezed	48544	bda0	03-01-004-02	1,2,3,4,5	1,2,3,4,5	1
	BaseSymbol 505	Eyes Closed	48640	be00	03-01-004-03	1,2,3,4,5	1,2,3,4,5	1
	BaseSymbol 506	Eyeblick Single	48736	be60	03-01-004-04	1,2,3,4,5	1,2,3,4,5	1
	BaseSymbol 507	Eyeblicks Multiple	48832	bec0	03-01-004-05	1,2,3,4,5	1,2,3,4,5	1

	BaseSymbol 508	Eyes Half Open	48928	bf20	03-01-005-01	1,2,3,4,5	1,2,3,4,5	1
	BaseSymbol 509	Eyes Wide Open	49024	bf80	03-01-005-02	1,2,3,4,5	1,2,3,4,5	1
	BaseSymbol 510	Eyes Half Closed	49120	bfe0	03-01-005-03	1,2,3,4,5	1,2,3,4,5	1
	BaseSymbol 511	Eyes Widening Movement	49216	c040	03-01-005-04	1,2,3,4,5	1,2,3,4,5	1
	BaseSymbol 512	Eye Wink (Squeezed Eyeblick)	49312	c0a0	03-01-005-05	1,2,3,4,5	1,2,3,4,5	1
	BaseSymbol 513	Eyelashes Up	49408	c100	03-01-006-01	1,2,3	1,2,3,4,5	1
	BaseSymbol 514	Eyelashes Down	49504	c160	03-01-006-02	1,2,3	1,2,3,4,5	1
	BaseSymbol 515	Eyelashes Fluttering	49600	c1c0	03-01-006-03	1,2,3	1,2,3,4,5	1
	BaseSymbol 516	Eyegaze Straight Wall Plane	49696	c220	03-01-007-01	1,2,3	1,2,3,4	1,2,3,4,5,6,7,8
	BaseSymbol 517	Eyegaze Straight Wall Double	49792	c280	03-01-007-02	1,2,3	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 518	Eyegaze Straight Wall Alternate	49888	c2e0	03-01-007-03	1,2,3	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 519	Eyegaze Straight Floor Plane	49984	c340	03-01-008-01	1,2,3	1,2,3,4	1,2,3,4,5,6,7,8
	BaseSymbol 520	Eyegaze Straight Floor Double	50080	c3a0	03-01-008-02	1,2,3	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 521	Eyegaze Straight Floor Alternate	50176	c400	03-01-008-03	1,2,3	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 522	Eyegaze Curved Wall Plane	50272	c460	03-01-009-01	NA	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 523	Eyegaze Curved Floor Plane	50368	c4c0	03-01-010-01	NA	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 524	Eyegaze Circles Wall Plane	50464	c520	03-01-011-01	NA	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 525	Cheeks Puffed	50560	c580	03-02-001-01	1,2,3	1,2,3,4,5	1
	BaseSymbol 526	Cheeks Neutral	50656	c5e0	03-02-001-02	1,2,3	1,2,3,4,5	1
	BaseSymbol 527	Cheeks Sucked	50752	c640	03-02-001-03	1,2,3	1,2,3,4,5	1
	BaseSymbol 528	Tense Cheeks High	50848	c6a0	03-02-002-01	1,2,3	1,2,3,4	1
	BaseSymbol 529	Tense Cheeks Middle	50944	c700	03-02-002-02	1,2,3	1,2,3,4	1
	BaseSymbol 530	Tense Cheeks Low	51040	c760	03-02-002-03	1,2,3	1,2,3,4	1
	BaseSymbol 531	Ears	51136	c7c0	03-02-003-01	NA	1,2,3,4,5	1
	BaseSymbol 532	Nose Neutral	51232	c820	03-02-004-01	1,2,3,4	1,2	1
	BaseSymbol 533	Nose Contact	51328	c880	03-02-004-02	1,2,3,4	1,2	1
	BaseSymbol 534	Nose Wrinkles	51424	c8e0	03-02-004-03	1,2,3,4	1,2	1
	BaseSymbol 535	Nose Wiggles	51520	c940	03-02-004-04	1,2,3,4	1,2	1
	BaseSymbol 536	Air Blowing Out	51616	c9a0	03-02-005-01	1,2,3,4	1,2,3,4,5,6	1

	BaseSymbol 537	Air Sucking In	51712	ca00	03-02-005-02	1,2,3,4	1,2,3,4,5,6	1
	BaseSymbol 538	Air Blow Small Rotations	51808	ca60	03-02-005-03	1,2,3,4	1,2	1,2,3,4,5,6,7,8
	BaseSymbol 539	Air Suck Small Rotations	51904	cac0	03-02-005-04	1,2,3,4	1,2	1,2,3,4,5,6,7,8
	BaseSymbol 540	Breath Inhale	52000	cb20	03-02-006-01	1,2	1,2,3,4,5,6	1
	BaseSymbol 541	Breath Exhale	52096	cb80	03-02-006-02	1,2	1,2,3,4,5,6	1
	BaseSymbol 542	Mouth Closed Neutral	52192	cbe0	03-03-001-01	1,2,3	1,2	1
	BaseSymbol 543	Mouth Closed Forward	52288	cc40	03-03-001-02	1,2,3	1,2	1
	BaseSymbol 544	Mouth Closed Contact	52384	cca0	03-03-001-03	1,2,3	1,2	1
	BaseSymbol 545	Mouth Smile	52480	cd00	03-03-002-01	1,2,3	1,2	1
	BaseSymbol 546	Mouth Smile Wrinkled	52576	cd60	03-03-002-02	1,2,3	1,2	1
	BaseSymbol 547	Mouth Smile Open	52672	cdc0	03-03-002-03	1,2,3	1,2	1
	BaseSymbol 548	Mouth Frown	52768	ce20	03-03-003-01	1,2,3	1,2	1
	BaseSymbol 549	Mouth Frown Wrinkled	52864	ce80	03-03-003-02	1,2,3	1,2	1
	BaseSymbol 550	Mouth Frown Open	52960	cee0	03-03-003-03	1,2,3	1,2	1
	BaseSymbol 551	Mouth Open Circle	53056	cf40	03-03-004-01	1,2,3	1,2	1
	BaseSymbol 552	Mouth Open Forward	53152	cfa0	03-03-004-02	1,2,3	1,2	1
	BaseSymbol 553	Mouth Open Wrinkled	53248	d000	03-03-004-03	1,2,3	1,2	1
	BaseSymbol 554	Mouth Open Oval	53344	d060	03-03-005-01	1,2,3	1,2	1
	BaseSymbol 555	Mouth Open Oval Wrinkled	53440	d0c0	03-03-005-02	1,2,3	1,2	1
	BaseSymbol 556	Mouth Open Oval Yawn	53536	d120	03-03-005-03	1,2,3	1,2	1
	BaseSymbol 557	Mouth Open Rectangle	53632	d180	03-03-006-01	1,2,3	1,2	1
	BaseSymbol 558	Mouth Open Rectangle Wrinkled	53728	d1e0	03-03-006-02	1,2,3	1,2	1
	BaseSymbol 559	Mouth Open Rectangle Yawn	53824	d240	03-03-006-03	1,2,3	1,2	1
	BaseSymbol 560	Mouth Kiss	53920	d2a0	03-03-007-01	1,2,3	1,2	1
	BaseSymbol 561	Mouth Kiss Forward	54016	d300	03-03-007-02	1,2,3	1,2	1
	BaseSymbol 562	Mouth Kiss Wrinkled	54112	d360	03-03-007-03	1,2,3	1,2	1
	BaseSymbol 563	Mouth Tense	54208	d3c0	03-03-008-01	1,2,3	1,2	1
	BaseSymbol 564	Mouth Tense Forward	54304	d420	03-03-008-02	1,2,3	1,2	1
	BaseSymbol 565	Mouth Tense Sucked	54400	d480	03-03-008-03	1,2,3	1,2	1

	BaseSymbol 566	Lips Pressed Together	54496	d4e0	03-03-009-01	1,2,3	1,2	1
	BaseSymbol 567	Lip Lower Over Upper	54592	d540	03-03-009-02	1,2,3	1,2	1
	BaseSymbol 568	Lip Upper Over Lower	54688	d5a0	03-03-009-03	1,2,3	1,2	1
	BaseSymbol 569	Mouth Corners	54784	d600	03-03-010-01	NA	1,2,3,4,5,6	1
	BaseSymbol 570	Mouth Wrinkles Single	54880	d660	03-03-011-01	1,2	1,2,3,4,5,6	1
	BaseSymbol 571	Mouth Wrinkles Double	54976	d6c0	03-03-011-02	1,2	1,2,3,4,5,6	1
	BaseSymbol 572	Tongue Sticks Out Far	55072	d720	03-04-001-01	1,2,3,4,5	1,2	1,2,3,4,5,6,7,8
	BaseSymbol 573	Tongue Licks Lips	55168	d780	03-04-001-02	1,2,3,4,5	1,2	1,2,3,4,5,6,7,8
	BaseSymbol 574	Tongue Tip Between Lips	55264	d7e0	03-04-001-03	1,2,3,4,5	1,2	1,2,3,4,5,6,7,8
	BaseSymbol 575	Tongue Tip Touches Inside Mouth	55360	d840	03-04-001-04	1,2,3,4,5	1,2	1,2,3,4,5,6,7,8
	BaseSymbol 576	Tongue Inside Mouth Relaxed	55456	d8a0	03-04-001-05	1,2,3,4,5	1,2	1,2,3,4,5,6,7,8
	BaseSymbol 577	Tongue Moves Against Cheek	55552	d900	03-04-001-06	1,2,3,4,5	1,2,3,4	1,2,3,4,5,6,7,8
	BaseSymbol 578	Tongue Center Sticks Out	55648	d960	03-04-002-01	NA	1,2,3,4,5,6	1
	BaseSymbol 579	Tongue Center Inside Mouth	55744	d9c0	03-04-003-01	NA	1,2,3,4	1
	BaseSymbol 580	Teeth	55840	da20	03-04-004-01	1,2	1,2	1
	BaseSymbol 581	Teeth Movement	55936	da80	03-04-004-02	1,2	1,2,3,4,5,6	1
	BaseSymbol 582	Teeth on Tongue	56032	dae0	03-04-005-01	1,2	1,2,3,4	1
	BaseSymbol 583	Teeth on Tongue Movement	56128	db40	03-04-005-02	1,2	1,2,3,4,5,6	1
	BaseSymbol 584	Teeth on Lips	56224	dba0	03-04-006-01	1,2	1,2,3,4	1
	BaseSymbol 585	Teeth on Lips Movement	56320	dc00	03-04-006-02	1,2	1,2,3,4,5,6	1
	BaseSymbol 586	Teeth Bite Lips	56416	dc60	03-04-007-01	NA	1,2,3,4,5,6	1
	BaseSymbol 587	Jaw Movement Wall Plane	56512	dcc0	03-04-008-01	NA	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 588	Jaw Movement Floor Plane	56608	dd20	03-04-009-01	NA	1,2,3	1,2,3,4,5,6,7,8
	BaseSymbol 589	Neck	56704	dd80	03-04-010-01	NA	1,2,3,4,5,6	1
	BaseSymbol 590	Hair	56800	dde0	03-04-011-01	NA	1,2,3,4	1
	BaseSymbol 591	Excitement	56896	de40	03-04-012-01	NA	1,2,3,4	1
	BaseSymbol 592	Head Viewpoints	56992	dea0	03-05-001-01	NA	1,2,3,4	1,2,3,4
	BaseSymbol 593	Head Rims	57088	df00	03-05-002-01	NA	1	1,2,3,4,5,6,7,8

	BaseSymbol 594	Head Movement Wall Straight	57184	df60	03-05-003-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8
	BaseSymbol 595	Head Movement Wall Tilts	57280	dfc0	03-05-004-01	NA	1,2,3,4,5,6	1,2
	BaseSymbol 596	Head Movement Floor Straight	57376	e020	03-05-005-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8
	BaseSymbol 597	Head Curves Wall Plane	57472	e080	03-05-006-01	NA	1,2	1,2,3,4
	BaseSymbol 598	Head Curves Floor Plane	57568	e0e0	03-05-007-01	NA	1,2	1,2,3,4
	BaseSymbol 599	Head Circles	57664	e140	03-05-008-01	NA	1,2	1,2,3,4
	BaseSymbol 600	Face Forward Tilt	57760	e1a0	03-05-009-01	NA	1,2,3,4,5,6	1,2
	BaseSymbol 601	Face UpDown Straight	57856	e200	03-05-010-01	1,2	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 602	Face UpDown Tilt	57952	e260	03-05-010-02	1,2	1,2,3	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 603	ShoulderHip Viewpoints	58048	e2c0	04-01-001-01	NA	1,2	1,2,3,4
	BaseSymbol 604	ShoulderHip Positions	58144	e320	04-01-002-01	NA	1,2,3,4	1,2,3,4,5,6
	BaseSymbol 605	ShoulderHip Move Wall Plane	58240	e380	04-01-003-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 606	ShoulderHip Move Floor Plane	58336	e3e0	04-01-004-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 607	Shoulder Tilts (from Waist)	58432	e440	04-01-005-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 608	Torso Straight Stretch Wall	58528	e4a0	04-01-006-01	NA	1,2	1,2,3,4
	BaseSymbol 609	Torso Curved Bend Wall	58624	e500	04-01-007-01	NA	1,2	1,2,3,4
	BaseSymbol 610	Torso Twist Floor Plane	58720	e560	04-01-008-01	NA	1,2	1,2,3,4
	BaseSymbol 611	UpperBody Tilts (from Hip Joints)	58816	e5c0	04-01-009-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8
	BaseSymbol 612	Limb Combinations	58912	e620	04-02-001-01	NA	1	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 613	Limb Length 1	59008	e680	04-02-002-01	1,2,3,4,5	1,2	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 614	Limb Length 2	59104	e6e0	04-02-002-02	1,2,3,4,5	1,2	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 615	Limb Length 3	59200	e740	04-02-002-03	1,2,3,4,5	1,2	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 616	Limb Length 4	59296	e7a0	04-02-002-04	1,2,3,4,5	1,2	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 617	Limb Length 5	59392	e800	04-02-002-05	1,2,3,4,5	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 618	Fingers	59488	e860	04-02-003-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 619	Fast	59584	e8c0	05-01-001-01	NA	1,2,3,4	1
	BaseSymbol 620	Slow	59680	e920	05-01-002-01	NA	1	1,2,3,4,5,6,7,8
	BaseSymbol 621	Tense	59776	e980	05-01-003-01	1,2	1,2,3,4	1
	BaseSymbol 622	Relaxed	59872	e9e0	05-01-003-02	1,2	1,2,3,4	1
	BaseSymbol 623	SameTime	59968	ea40	05-01-004-01	1,2,3,4	1	1,2,3,4,5,6,7,8

	BaseSymbol 624	Alternating	60064	ea00	05-01-004-02	1,2,3,4	1	1,2,3,4,5,6,7,8
	BaseSymbol 625	EveryOther	60160	eb00	05-01-004-03	1,2,3,4	1	1,2,3,4,5,6,7,8
	BaseSymbol 626	Gradual	60256	eb60	05-01-004-04	1,2,3,4	1	1,2,3,4,5,6,7,8
	BaseSymbol 627	Comma	60352	ebc0	06-01-001-01	1,2	1,2,3,4	1,2,3,4,5,6,7,8
	BaseSymbol 628	Period	60448	ec20	06-01-001-02	1,2	1,2,3,4	1,2,3,4,5,6,7,8
	BaseSymbol 629	Semi-Colon	60544	ec80	06-01-002-01	1,2	1	1,2,3,4,5,6,7,8
	BaseSymbol 630	Colon	60640	ece0	06-01-002-02	1,2	1	1,2,3,4,5,6,7,8
	BaseSymbol 631	Parentheses	60736	ed40	06-01-003-01	NA	1	1,2,3,4,5,6,7,8
	BaseSymbol 632	Location Space Wall Plane	60832	eda0	07-01-001-01	1,2	1,2,3,4	1,2,3,4,5,6,7,8
	BaseSymbol 633	Location Space Floor Plane	60928	ee00	07-01-001-02	1,2	1,2,3,4	1,2,3,4,5,6,7,8
	BaseSymbol 634	Location Height	61024	ee60	07-01-002-01	1,2,3	1	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16
	BaseSymbol 635	Location Width	61120	eec0	07-01-002-02	1,2,3	1	1,2,3,4,5,6,7,8,9
	BaseSymbol 636	Location Depth	61216	ef20	07-01-002-03	1,2,3	1	1,2,3,4,5,6,7,8
	BaseSymbol 637	Location Head Neck	61312	ef80	07-01-003-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8
	BaseSymbol 638	Location Torso	61408	efe0	07-01-004-01	NA	1,2,3,4,5	1,2,3,4,5,6,7,8
	BaseSymbol 639	Location Limbs Digits	61504	f040	07-01-005-01	NA	1,2,3,4,5,6	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16

ISWA 2008

30 Groups

639 BaseSymbols

250 Hands

242 Movement

110 Faces & Heads

16 Body

8 Dynamics & Timing

5 Punctuation

8 Advanced Sorting

CATEGORY 1: Hands

GROUP 01: Index

13 BaseSymbols

01-01-001-01 Index
01-01-002-01 Index on Circle
01-01-003-01 Index on Cup
01-01-004-01 Index on Oval
01-01-005-01 Index on Hinge
01-01-006-01 Index on Angle
01-01-007-01 IndexBent
01-01-008-01 IndexBent on Circle
01-01-009-01 IndexBent on Fist ThumbUnder
01-01-010-01 IndexCup
01-01-011-01 IndexHinge
01-01-011-02 IndexHinge Low
01-01-012-01 IndexHinge on Circle

GROUP 02: Index Middle

15 BaseSymbols

01-02-001-01 IndexMiddle
01-02-002-01 IndexMiddle on Circle
01-02-003-01 IndexMiddle Bent
01-02-004-01 IndexMiddle Hinge
01-02-005-01 IndexUp MiddleHinge
01-02-006-01 IndexHinge MiddleUp
01-02-007-01 IndexMiddleUnit
01-02-007-02 IndexMiddleUnit IndexBent
01-02-007-03 IndexMiddleUnit MiddleBent
01-02-008-01 IndexMiddleUnit Cup
01-02-009-01 IndexMiddleUnit Hinge
01-02-010-01 IndexMiddleCross
01-02-010-02 IndexMiddleCross on Circle
01-02-011-01 MiddleBent Over Index
01-02-012-01 IndexBent Over Middle

GROUP 03: Index Middle Thumb

38 BaseSymbols

01-03-001-01 IndexMiddleThumb
01-03-002-01 IndexMiddleThumb on Circle
01-03-003-01 IndexMiddleStraight ThumbBent
01-03-004-01 IndexMiddleBent ThumbStraight
01-03-005-01 IndexMiddleThumb Bent
01-03-006-01 IndexMiddleHingeSpread ThumbSide
01-03-007-01 IndexUp MiddleHinge ThumbSide
01-03-008-01 IndexUp MiddleHinge ThumbTight
01-03-009-01 IndexHinge MiddleUp ThumbSide
01-03-010-01 IndexMiddleUpSpread ThumbForward
01-03-011-01 IndexMiddleThumb Cup
01-03-012-01 IndexMiddleThumb Circle
01-03-013-01 IndexMiddleThumb Hook
01-03-014-01 IndexMiddleThumb Hinge
01-03-015-01 Thumb Between IndexMiddle
01-03-016-01 IndexMiddleUnit ThumbSide
01-03-017-01 IndexMiddleUnit ThumbTight
01-03-018-01 IndexMiddleUnit ThumbBent
01-03-019-01 MiddleThumbHook IndexUp
01-03-020-01 IndexThumbHook MiddleUp
01-03-021-01 IndexMiddleUnitHinge ThumbSide
01-03-022-01 IndexMiddleCross ThumbSide
01-03-023-01 IndexMiddleUnit Thumb Forward
01-03-024-01 IndexMiddleUnitCup ThumbForward
01-03-025-01 MiddleThumbCup IndexUp
01-03-026-01 IndexThumbCup MiddleUp
01-03-027-01 MiddleThumbCircle IndexUp
01-03-028-01 MiddleThumbCircle IndexHinge
01-03-029-01 IndexThumbAngleOut MiddleUp
01-03-029-02 IndexThumbAngleIn MiddleUp
01-03-030-01 IndexThumbCircle MiddleUp
01-03-031-01 IndexMiddleThumb UnitHinge
01-03-032-01 IndexMiddleThumb AngleOut
01-03-033-01 IndexMiddleThumb Angle
01-03-034-01 MiddleThumbAngleOut IndexUp
01-03-035-01 MiddleThumbAngleOut IndexCrossed
01-03-036-01 MiddleThumbAngle IndexUp
01-03-037-01 IndexThumbHook MiddleAngle

GROUP 04: Four Fingers

8 BaseSymbols

01-04-001-01 FourFingers
01-04-002-01 FourFingers Bent
01-04-003-01 FourFingers Hinge
01-04-004-01 FourFingers Unit
01-04-004-02 FourFingers Unit Split
01-04-005-01 FourFingers UnitClaw
01-04-006-01 FourFingers UnitBent
01-04-007-01 FourFingers UnitHinge

GROUP 05: Five Fingers

58 BaseSymbols

01-05-001-01 FiveFingers Spread
01-05-002-01 FiveFingers Spread Heel
01-05-003-01 FiveFingers Spread Four Bent
01-05-004-01 FiveFingers Spread 4 Bent Heel
01-05-005-01 FiveFingers Spread All Bent
01-05-006-01 FiveFingers Spread All Bent Heel
01-05-007-01 FiveFingers Spread ThumbForward
01-05-008-01 FiveFingers Spread Cup
01-05-008-02 FiveFingers Spread Open Cup
01-05-008-03 FiveFingers Spread Open Hinge
01-05-008-04 FiveFingers Spread Oval
01-05-009-01 FiveFingers Spread Hinge
01-05-010-01 FiveFingers Spread Hinge ThumbSide
01-05-011-01 FiveFingers Spread Hinge NoThumb
01-05-012-01 FlatHand
01-05-013-01 FlatHand InBetween PalmFacings
01-05-014-01 FlatHand Heel
01-05-015-01 Flat ThumbSide
01-05-016-01 Flat ThumbSide Heel
01-05-017-01 Flat ThumbBent
01-05-018-01 Flat ThumbForward
01-05-019-01 FlatSplit Index ThumbSide
01-05-020-01 FlatSplit Center
01-05-021-01 FlatSplit Center ThumbSide
01-05-022-01 FlatSplit Center ThumbSideBent
01-05-023-01 FlatSplit Baby
01-05-024-01 Claw
01-05-025-01 Claw ThumbSide
01-05-026-01 Claw NoThumb
01-05-027-01 Claw ThumbForward
01-05-028-01 Hook Curlicue
01-05-028-02 Hook
01-05-029-01 Open Cup
01-05-029-02 Cup
01-05-030-01 Open Cup ThumbSide
01-05-030-02 Cup ThumbSide
01-05-031-01 Open Cup NoThumb
01-05-031-02 Cup NoThumb
01-05-032-01 Open Cup ThumbForward
01-05-032-02 Cup ThumbForward
01-05-033-01 Open Curlicue
01-05-033-02 Curlicue
01-05-034-01 Circle
01-05-035-01 Oval
01-05-036-01 Oval ThumbSide
01-05-037-01 Oval NoThumb
01-05-038-01 Oval ThumbForward
01-05-039-01 Open Hinge
01-05-039-02 Open Hinge ThumbForward
01-05-039-03 Hinge
01-05-039-04 Small Hinge

01-05-040-01 Open Hinge ThumbSide
01-05-040-02 Hinge ThumbSide
01-05-041-01 Open Hinge NoThumb
01-05-041-02 Hinge NoThumb
01-05-042-01 Hinge ThumbSideTouchesIndex
01-05-043-01 Hinge ThumbBetweenMiddleRing
01-05-044-01 Angle

GROUP 06: Baby Finger

28 BaseSymbols

01-06-001-01 IndexMiddleRing
01-06-002-01 IndexMiddleRing on Circle
01-06-002-02 IndexMiddleBaby on Hinge
01-06-002-03 IndexMiddleBaby on Angle
01-06-003-01 IndexMiddleRing Bent
01-06-004-01 IndexMiddleRing Unit
01-06-005-01 IndexMiddleRing UnitHinge
01-06-006-01 BabyDown
01-06-006-02 BabyDown RippleStraight
01-06-007-01 BabyDown RippleCurved
01-06-007-02 BabyDown OthersCircle
01-06-008-01 BabyUp
01-06-008-02 BabyUp Thumb Under
01-06-009-01 BabyUp on Circle
01-06-010-01 BabyUp on Oval
01-06-011-01 BabyUp on Angle
01-06-012-01 BabyBent
01-06-012-02 Baby Touches Thumb
01-06-013-01 BabyThumb
01-06-014-01 BabyThumb on Hinge
01-06-015-01 BabyIndexThumb
01-06-016-01 BabyIndexThumb on Hinge
01-06-017-01 BabyIndexThumb AngleOut
01-06-018-01 BabyIndexThumb Angle
01-06-019-01 BabyIndex
01-06-020-01 BabyIndex on Circle
01-06-020-02 BabyIndex on Hinge
01-06-021-01 BabyIndex on Angle

GROUP 07: Ring Finger

19 BaseSymbols

01-07-001-01 IndexMiddleBaby
01-07-002-01 IndexMiddleBaby on Circle
01-07-002-02 IndexMiddleBaby on Hinge
01-07-003-01 IndexMiddleBaby on Angle
01-07-003-02 IndexMiddleCrossBaby
01-07-003-03 IndexMiddleCrossBaby on Circle
01-07-004-01 RingDown
01-07-004-02 RingDown Ethiopia 1
01-07-004-03 RingDown Ethiopia 2
01-07-005-01 RingUp

01-07-006-01 RingBaby
01-07-006-02 RingBaby on Circle
01-07-007-01 RingBaby on Oval
01-07-008-01 RingBaby on Angle
01-07-009-01 RingMiddle
01-07-010-01 RingMiddle Unit
01-07-011-01 RingIndex
01-07-012-01 RingThumb
01-07-013-01 RingThumb Hook

GROUP 08: Middle Finger

18 BaseSymbols

01-08-001-01 IndexRingBaby
01-08-002-01 IndexRingBaby on Circle
01-08-003-01 IndexRingBaby on Curlicue
01-08-003-02 IndexRingBaby on HookOut
01-08-003-03 IndexRingBaby on HookIn
01-08-003-04 IndexRingBaby on HookUnder
01-08-004-01 IndexRingBaby on Cup
01-08-005-01 IndexRingBaby on Hinge
01-08-006-01 IndexRingBaby on AngleOut
01-08-007-01 IndexRingBaby on Angle
01-08-008-01 MiddleDown
01-08-009-01 MiddleHinge
01-08-010-01 MiddleUp
01-08-010-02 MiddleUp on Circle
01-08-011-01 MiddleUp ThumbSide
01-08-012-01 MiddleThumb Hook
01-08-013-01 MiddleThumbBaby
01-08-014-01 MiddleBaby

GROUP 09: Index Thumb

38 BaseSymbols

01-09-001-01 MiddleRingBaby
01-09-002-01 MiddleRingBaby on Circle
01-09-003-01 MiddleRingBaby on Curlicue
01-09-004-01 MiddleRingBaby on Cup
01-09-005-01 MiddleRingBaby on Hinge
01-09-006-01 MiddleRingBaby on AngleOut
01-09-007-01 MiddleRingBaby on AngleIn
01-09-008-01 MiddleRingBaby on Angle
01-09-009-01 MiddleRingBaby Bent
01-09-010-01 MiddleRingBaby Unit on Claw
01-09-011-01 MiddleRingBaby Unit on ClawSide
01-09-012-01 MiddleRingBaby Unit on HookOut
01-09-013-01 MiddleRingBaby Unit on HookIn
01-09-014-01 MiddleRingBaby Unit on Hook
01-09-015-01 Index ThumbSide
01-09-016-01 Index ThumbSideUnit
01-09-016-02 Index ThumbSideUnitTight
01-09-017-01 IndexStraight ThumbBent

01-09-018-01 IndexBent ThumbSide
01-09-019-01 IndexBent ThumbSideBent
01-09-020-01 IndexHinge ThumbSide
01-09-021-01 IndexUp ThumbForward
01-09-022-01 IndexBent ThumbForward
01-09-023-01 IndexThumb BentHook
01-09-023-02 IndexThumb Curlicue
01-09-023-03 IndexThumb Curve AngleIn
01-09-023-04 IndexThumb Ethiopia
01-09-023-05 IndexThumb CurveUnder
01-09-024-01 IndexThumb Circle
01-09-024-02 IndexThumb Cup
01-09-024-03 IndexThumb CupLarge
01-09-025-01 IndexThumb OpenHinge
01-09-025-02 IndexThumb HingeLarge
01-09-025-03 IndexThumb Hinge
01-09-025-04 IndexThumb HingeSmall
01-09-026-01 IndexThumb AngleOut
01-09-027-01 IndexThumb AngleIn
01-09-028-01 IndexThumb Angle

GROUP 10: Thumb

15 BaseSymbols

01-10-001-01 Thumb
01-10-002-01 Thumb Heel
01-10-003-01 Thumb SideUnitDiagonal
01-10-003-02 Thumb SideUnitTight
01-10-004-01 Thumb SideBent
01-10-005-01 Thumb Forward
01-10-006-01 Thumb BetweenIndexMiddle
01-10-007-01 Thumb BetweenMiddleRing
01-10-008-01 Thumb BetweenRingBaby
01-10-009-01 Thumb Under2Fingers
01-10-009-02 Thumb Over2Fingers
01-10-010-01 Thumb Under3Fingers
01-10-011-01 Thumb Under4Fingers
01-10-012-01 Fist
01-10-013-01 Fist Heel

CATEGORY 2: Movement

GROUP 11: Contact

17 BaseSymbols

02-01-001-01 Touch Single
02-01-002-01 Touch Multiple
02-01-003-01 Touch Between
02-01-004-01 Grasp Single
02-01-005-01 Grasp Multiple
02-01-006-01 Grasp Between

02-01-007-01 Strike Single
02-01-008-01 Strike Multiple
02-01-009-01 Strike Between
02-01-010-01 Brush Single
02-01-011-01 Brush Multiple
02-01-012-01 Brush Between
02-01-013-01 Rub Single
02-01-014-01 Rub Multiple
02-01-015-01 Rub Between
02-01-016-01 Surface Symbols
02-01-017-01 Surface Between

GROUP 12: Finger Movement

20 BaseSymbols

02-02-001-01 Squeeze Large Single
02-02-001-02 Squeeze Small Single
02-02-002-01 Squeeze Large Multiple
02-02-002-02 Squeeze Small Multiple
02-02-003-01 Squeeze Sequential
02-02-004-01 Flick Large Single
02-02-004-02 Flick Small Single
02-02-005-01 Flick Large Multiple
02-02-005-02 Flick Small Multiple
02-02-006-01 Flick Sequential
02-02-007-01 Squeeze-Flick Alternating
02-02-008-01 Hinge Up-Down Large
02-02-008-02 Hinge Up-Down Small
02-02-009-01 Hinge Up Sequential
02-02-009-02 Hinge Down Sequential
02-02-010-01 Hinge Up-Down Alternating Large
02-02-010-02 Hinge Up-Down Alternating Small
02-02-011-01 Hinge Side-Side Scissors
02-02-012-01 FingerContact Movement Wall
02-02-013-01 FingerContact Movement Floor

GROUP 13: Straight Wall Plane

43 BaseSymbols

02-03-001-01 Straight Wall Plane Small
02-03-001-02 Straight Wall Plane Medium
02-03-001-03 Straight Wall Plane Large
02-03-001-04 Straight Wall Plane Largest
02-03-001-05 Wrist Flex Straight Wall Plane
02-03-002-01 Double Wall Plane
02-03-002-02 Wrist Flex Double Wall Plane
02-03-003-01 Double Alternating Wall Plane
02-03-003-02 Wrist Flex Double Alternating Wall
02-03-004-01 Cross Wall Plane
02-03-005-01 Triple Wall Plane
02-03-005-02 Wrist Flex Triple Wall Plane
02-03-006-01 Triple Alternating Wall Plane
02-03-006-02 Wrist Flex Triple Alternating Wall

02-03-007-01 Bend Wall Plane Small
02-03-007-02 Bend Wall Plane Medium
02-03-007-03 Bend Wall Plane Large
02-03-008-01 Corner Wall Plane Small
02-03-008-02 Corner Wall Plane Medium
02-03-008-03 Corner Wall Plane Large
02-03-008-04 Corner Wall Plane with Rotation
02-03-009-01 Check Wall Plane Small
02-03-009-02 Check Wall Plane Medium
02-03-009-03 Check Wall Plane Large
02-03-010-01 Box Wall Plane Small
02-03-010-02 Box Wall Plane Medium
02-03-010-03 Box Wall Plane Large
02-03-011-01 ZigZag Wall Plane Small
02-03-011-02 ZigZag Wall Plane Medium
02-03-011-03 ZigZag Wall Plane Large
02-03-012-01 Peaks Wall Plane Small
02-03-012-02 Peaks Wall Plane Medium
02-03-012-03 Peaks Wall Plane Large
02-03-013-01 Travel Rotation Single Wall Plane
02-03-014-01 Travel Rotation Double Wall Plane
02-03-015-01 Travel Rotation Alternating Wall Plane
02-03-016-01 Travel Rotation Single Floor Plane
02-03-017-01 Travel Rotation Double Floor Plane
02-03-018-01 Travel Rotation Alternating Floor Plane
02-03-019-01 Travel Shaking Wall Plane
02-03-020-01 Travel Arm Spiral Wall Plane Single
02-03-020-02 Travel Arm Spiral Wall Plane Double
02-03-020-03 Travel Arm Spiral Wall Plane Triple

GROUP 14: Straight Diagonal Plane

16 BaseSymbols

02-04-001-01 Diagonal-Away Small
02-04-001-02 Diagonal-Away Medium
02-04-001-03 Diagonal-Away Large
02-04-001-04 Diagonal-Away Largest
02-04-002-01 Diagonal-Towards Small
02-04-002-02 Diagonal-Towards Medium
02-04-002-03 Diagonal-Towards Large
02-04-002-04 Diagonal-Towards Largest
02-04-003-01 Wall-DiagonalAway Small
02-04-003-02 Wall-DiagonalAway Medium
02-04-003-03 Wall-DiagonalAway Large
02-04-003-04 Wall-DiagonalAway Largest
02-04-004-01 Wall-DiagonalTowards Small
02-04-004-02 Wall-DiagonalTowards Medium
02-04-004-03 Wall-DiagonalTowards Large
02-04-004-04 Wall-DiagonalTowards Largest

GROUP 15: Straight Floor Plane

35 BaseSymbols

02-05-001-01 Straight Floor Plane Small
02-05-001-02 Straight Floor Plane Medium
02-05-001-03 Straight Floor Plane Large
02-05-001-04 Straight Wall Plane Largest
02-05-001-05 Wrist Flex Straight Floor Plane
02-05-002-01 Double Floor Plane
02-05-002-02 Wrist Flex Double Floor Plane
02-05-003-01 Double Alternating Floor Plane
02-05-003-02 Wrist Flex Double Alternating Floor
02-05-004-01 Cross Floor Plane
02-05-005-01 Triple Floor Plane
02-05-005-02 Wrist Flex Triple Floor Plane
02-05-006-01 Triple Alternating Floor Plane
02-05-006-02 Wrist Flex Triple Alternating Floor
02-05-007-01 Bend Floor Plane
02-05-008-01 Corner Floor Plane Small
02-05-008-02 Corner Floor Plane Medium
02-05-008-03 Corner Floor Plane Large
02-05-009-01 Check Floor Plane
02-05-010-01 Box Floor Plane Small
02-05-010-02 Box Floor Plane Medium
02-05-010-03 Box Floor Plane Large
02-05-011-01 ZigZag Floor Plane Small
02-05-011-02 ZigZag Floor Plane Medium
02-05-011-03 ZigZag Floor Plane Large
02-05-012-01 Peaks Floor Plane Small
02-05-012-02 Peaks Floor Plane Medium
02-05-012-03 Peaks Floor Plane Large
02-05-013-01 Travel Rotation Single Floor Plane
02-05-014-01 Travel Rotation Double Floor Plane
02-05-015-01 Travel Rotation Alternating Floor Plane
02-05-016-01 Travel Rotation Single Wall Plane
02-05-017-01 Travel Rotation Double Wall Plane
02-05-018-01 Travel Rotation Alternating Wall Plane
02-05-019-01 Travel Shaking Floor Plane

GROUP 16: Curves Parallel Wall Plane

30 BaseSymbols

02-06-001-01 Curve Wall Quarter Small
02-06-001-02 Curve Wall Quarter Medium
02-06-001-03 Curve Wall Quarter Large
02-06-001-04 Curve Wall Quarter Largest
02-06-002-01 Curve Wall Half Circle Small
02-06-002-02 Curve Wall Half Circle Medium
02-06-002-03 Curve Wall Half Circle Large
02-06-002-04 Curve Wall Half Circle Largest
02-06-003-01 Curve Wall 3/4 Circle Small
02-06-003-02 Curve Wall 3/4 Circle Medium
02-06-004-01 Hump Wall Plane Small
02-06-004-02 Hump Wall Plane Medium
02-06-004-03 Hump Wall Plane Large
02-06-005-01 Loop Wall Plane Small
02-06-005-02 Loop Wall Plane Medium

02-06-005-03 Loop Wall Plane Large
02-06-005-04 Loop Wall Plane Small Double
02-06-006-01 Wave Wall Plane 2Curves Small
02-06-006-02 Wave Wall Plane 2Curves Medium
02-06-006-03 Wave Wall Plane 2Curves Large
02-06-006-04 Wave Wall Plane 3Curves Small
02-06-006-05 Wave Wall Plane 3Curves Medium
02-06-006-06 Wave Wall Plane 3Curves Large
02-06-007-01 Arrow Curve-Straight Wall Plane
02-06-007-02 Arrow Curved Cross Wall Small
02-06-007-03 Arrow Curved Cross Wall Medium
02-06-008-01 Rotation Single Wall Plane
02-06-009-01 Rotation Double Wall Plane
02-06-010-01 Rotation Alternate Wall Plane
02-06-011-01 Shaking Wall Plane

GROUP 17: Curves Hit Wall Plane

17 BaseSymbols

02-07-001-01 Curve Hits Front Wall
02-07-002-01 Hump Hits Front Wall
02-07-003-01 Loop Hits Front Wall
02-07-004-01 Wave Hits Front Wall
02-07-005-01 Rotation Single Hits Front Wall
02-07-006-01 Rotation Double Hits Front Wall
02-07-007-01 Rotation Alternating Hits Front Wall
02-07-009-01 Curve Hits Chest
02-07-010-01 Hump Hits Chest
02-07-011-01 Loop Hits Chest
02-07-012-01 Wave Hits Chest
02-07-013-01 Rotation Single Hits Chest
02-07-014-01 Rotation Double Hits Chest
02-07-015-01 Rotation Alternating Hits Chest
02-07-016-01 Wave Diagonal Path Small
02-07-016-02 Wave Diagonal Path Medium
02-07-016-03 Wave Diagonal Path Large

GROUP 18: Curves Hit Floor Plane

30 BaseSymbols

02-08-001-01 Curve Hits Ceiling Small
02-08-001-02 Curve Hits Ceiling Large
02-08-002-01 Hump Hits Ceiling 2Humps Small
02-08-002-02 Hump Hits Ceiling 2Humps Large
02-08-002-03 Hump Hits Ceiling 3Humps Small
02-08-002-04 Hump Hits Ceiling 3Humps Large
02-08-003-01 Loop Hits Ceiling Small Single
02-08-003-02 Loop Hits Ceiling Large Single
02-08-003-03 Loop Hits Ceiling Small Double
02-08-003-04 Loop Hits Ceiling Large Double
02-08-004-01 Wave Hits Ceiling Small
02-08-004-02 Wave Hits Ceiling Large
02-08-005-01 Rotation Single Hits Ceiling

02-08-006-01 Rotation Double Hits Ceiling
02-08-007-01 Rotation Alternating Hits Ceiling
02-08-008-01 Curve Hits Floor Small
02-08-008-02 Curve Hits Floor Large
02-08-009-01 Hump Hits Floor 2Humps Small
02-08-009-02 Hump Hits Floor 2Humps Large
02-08-009-03 Hump Hits Floor 3Humps Small
02-08-009-04 Hump Hits Floor 3Humps Large
02-08-010-01 Loop Hits Floor Small Single
02-08-010-02 Loop Hits Floor Large Single
02-08-010-03 Loop Hits Floor Small Double
02-08-010-04 Loop Hits Floor Large Double
02-08-011-01 Wave Hits Floor Small
02-08-011-02 Wave Hits Floor Large
02-08-012-01 Rotation Single Hits Floor
02-08-013-01 Rotation Double Hits Floor
02-08-014-01 Rotation Alternating Hits Floor

GROUP 19: Curves Parallel Floor Plane

14 BaseSymbols

02-09-001-01 Curve Floor Plane Small
02-09-001-02 Curve Floor Plane Medium1
02-09-001-03 Curve Floor Plane Medium2
02-09-001-04 Curve Floor Plane Large
02-09-001-05 Curve Floor Plane Combined
02-09-002-01 Hump Floor Plane Small
02-09-003-01 Loop Floor Plane Small
02-09-004-01 Wave Floor Plane Snake
02-09-004-02 Wave Floor Plane Small
02-09-004-03 Wave Floor Plane Large
02-09-005-01 Rotation Single Floor Plane
02-09-006-01 Rotation Double Floor Plane
02-09-007-01 Rotation Alternating Floor Plane
02-09-008-01 Shaking Parallel Floor

GROUP 20: Circles

20 BaseSymbols

02-10-001-01 Arm Circle Wall Small Single
02-10-001-02 Arm Circle Wall Medium Single
02-10-002-01 Arm Circle Wall Small Double
02-10-002-02 Arm Circle Wall Medium Double
02-10-003-01 Arm Circle Hits Wall Small Single
02-10-003-02 Arm Circle Hits Wall Medium Single
02-10-003-03 Arm Circle Hits Wall Large Single
02-10-004-01 Arm Circle Hits Wall Small Double
02-10-004-02 Arm Circle Hits Wall Medium Double
02-10-004-03 Arm Circle Hits Wall Large Double
02-10-005-01 Wrist Circle Front Wall Single
02-10-005-02 Wrist Circle Front Wall Double
02-10-006-01 Wrist Circle Hits Wall Single
02-10-006-02 Wrist Circle Hits Wall Double

02-10-007-01 Finger Circles Wall Single
02-10-007-02 Finger Circles Wall Double
02-10-007-03 Finger Circles Hits Wall Single
02-10-007-04 Finger Circles Hits Wall Double
02-10-008-01 Arrowheads Small
02-10-008-02 Arrowheads Large

CATEGORY 3: Face Head

GROUP 21: Brow Eyes Eyegaze

32 BaseSymbols

03-01-001-01 Eyebrows Straight Up
03-01-001-02 Eyebrows Straight Neutral
03-01-001-03 Eyebrows Straight Down
03-01-002-01 Dreamy Eyebrows Neutral-Down
03-01-002-02 Dreamy Eyebrows Down-Neutral
03-01-002-03 Dreamy Eyebrows Up-Neutral
03-01-002-04 Dreamy Eyebrows Neutral-Up
03-01-003-01 Forehead Neutral
03-01-003-02 Forehead Contact
03-01-003-03 Forehead Wrinkled
03-01-004-01 Eyes Open
03-01-004-02 Eyes Squeezed
03-01-004-03 Eyes Closed
03-01-004-04 Eyeblink Single
03-01-004-05 Eyeblinks Multiple
03-01-005-01 Eyes Half Open
03-01-005-02 Eyes Wide Open
03-01-005-03 Eyes Half Closed
03-01-005-04 Eyes Widening Movement
03-01-005-05 Eye Wink (Squeezed Eyeblink)
03-01-006-01 Eyelashes Up
03-01-006-02 Eyelashes Down
03-01-006-03 Eyelashes Fluttering
03-01-007-01 Eyegaze Straight Wall Plane
03-01-007-02 Eyegaze Straight Wall Double
03-01-007-03 Eyegaze Straight Wall Alternate
03-01-008-01 Eyegaze Straight Floor Plane
03-01-008-02 Eyegaze Straight Floor Double
03-01-008-03 Eyegaze Straight Floor Alternate
03-01-009-01 Eyegaze Curved Wall Plane
03-01-010-01 Eyegaze Curved Floor Plane
03-01-011-01 Eyegaze Circles Wall Plane

GROUP 22: Cheeks Ears Nose Breath

17 BaseSymbols

03-02-001-01 Cheeks Puffed
03-02-001-02 Cheeks Neutral
03-02-001-03 Cheeks Sucked
03-02-002-01 Tense Cheeks High

03-02-002-02 Tense Cheeks Middle
03-02-002-03 Tense Cheeks Low
03-02-003-01 Ears
03-02-004-01 Nose Neutral
03-02-004-02 Nose Contact
03-02-004-03 Nose Wrinkles
03-02-004-04 Nose Wiggles
03-02-005-01 Air Blowing Out
03-02-005-02 Air Sucking In
03-02-005-03 Air Blow Small Rotations
03-02-005-04 Air Suck Small Rotations
03-02-006-01 Breath Inhale
03-02-006-02 Breath Exhale

GROUP 23: Mouth Lips

30 BaseSymbols

03-03-001-01 Mouth Closed Neutral
03-03-001-02 Mouth Closed Forward
03-03-001-03 Mouth Closed Contact
03-03-002-01 Mouth Smile
03-03-002-02 Mouth Smile Wrinkled
03-03-002-03 Mouth Smile Open
03-03-003-01 Mouth Frown
03-03-003-02 Mouth Frown Wrinkled
03-03-003-03 Mouth Frown Open
03-03-004-01 Mouth Open Circle
03-03-004-02 Mouth Open Forward
03-03-004-03 Mouth Open Wrinkled
03-03-005-01 Mouth Open Oval
03-03-005-02 Mouth Open Oval Wrinkled
03-03-005-03 Mouth Open Oval Yawn
03-03-006-01 Mouth Open Rectangle
03-03-006-02 Mouth Open Rectangle Wrinkled
03-03-006-03 Mouth Open Rectangle Yawn
03-03-007-01 Mouth Kiss
03-03-007-02 Mouth Kiss Forward
03-03-007-03 Mouth Kiss Wrinkled
03-03-008-01 Mouth Tense
03-03-008-02 Mouth Tense Forward
03-03-008-03 Mouth Tense Sucked
03-03-009-01 Lips Pressed Together
03-03-009-02 Lip Lower Over Upper
03-03-009-03 Lip Upper Over Lower
03-03-010-01 Mouth Corners
03-03-011-01 Mouth Wrinkles Single
03-03-011-02 Mouth Wrinkles Double

GROUP 24: Tongue Teeth Chin Neck

20 BaseSymbols

03-04-001-01 Tongue Sticks Out Far
03-04-001-02 Tongue Licks Lips

03-04-001-03 Tongue Tip Between Lips
03-04-001-04 Tongue Tip Touches Inside Mouth
03-04-001-05 Tongue Inside Mouth Relaxed
03-04-001-06 Tongue Moves Against Cheek
03-04-002-01 Tongue Center Sticks Out
03-04-003-01 Tongue Center Inside Mouth
03-04-004-01 Teeth
03-04-004-02 Teeth Movement
03-04-005-01 Teeth on Tongue
03-04-005-02 Teeth on Tongue Movement
03-04-006-01 Teeth on Lips
03-04-006-02 Teeth on Lips Movement
03-04-007-01 Teeth Bite Lips
03-04-008-01 Jaw Movement Wall Plane
03-04-009-01 Jaw Movement Floor Plane
03-04-010-01 Neck
03-04-011-01 Hair
03-04-012-01 Excitement

GROUP 25: Head

11 BaseSymbols

03-05-001-01 Head Viewpoints
03-05-002-01 Head Rims
03-05-003-01 Head Movement Wall Straight
03-05-004-01 Head Movement Wall Tilts
03-05-005-01 Head Movement Floor Straight
03-05-006-01 Head Curves Wall Plane
03-05-007-01 Head Curves Floor Plane
03-05-008-01 Head Circles
03-05-009-01 Face Forward Tilt
03-05-010-01 Face UpDown Straight
03-05-010-02 Face UpDown Tilt

CATEGORY 4: Body

GROUP 26: Trunk

9 BaseSymbols

04-01-001-01 ShoulderHip Viewpoints
04-01-002-01 ShoulderHip Positions
04-01-003-01 ShoulderHip Move Wall Plane
04-01-004-01 ShoulderHip Move Floor Plane
04-01-005-01 Shoulder Tilts (from Waist)
04-01-006-01 Torso Straight Stretch Wall
04-01-007-01 Torso Curved Bend Wall
04-01-008-01 Torso Twist Floor Plane
04-01-009-01 UpperBody Tilts (from Hip Joints)

GROUP 27: Limbs

7 BaseSymbols

04-02-001-01 Limb Combinations
04-02-002-01 Limb Length 1
04-02-002-02 Limb Length 2
04-02-002-03 Limb Length 3
04-02-002-04 Limb Length 4
04-02-002-05 Limb Length 5
04-02-003-01 Fingers

CATEGORY 5: Dynamics

GROUP 28: Dynamics
8 BaseSymbols

05-01-001-01 Fast
05-01-002-01 Slow
05-01-003-01 Tense
05-01-003-02 Relaxed
05-01-004-01 SameTime
05-01-004-02 Alternating
05-01-004-03 EveryOther
05-01-004-04 Gradual

CATEGORY 6: Punctuation

GROUP 29: Punctuation
5 BaseSymbols

06-01-001-01 Comma
06-01-001-02 Period
06-01-002-01 Semi-Colon
06-01-002-02 Colon
06-01-003-01 Parentheses

CATEGORY 7: Advanced Sorting

GROUP 30: Advanced Sorting
8 BaseSymbols

07-01-001-01 Location Space Wall Plane
07-01-001-02 Location Space Floor Plane
07-01-002-01 Location Height
07-01-002-02 Location Width
07-01-002-03 Location Depth
07-01-003-01 Location Head Neck
07-01-004-01 Location Torso
07-01-005-01 Location Limbs Digits

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SYMBOL COLORS

Category 1: Hands.....Blue

Category 2: Movement.....Red

Category 3: Face Head.....Green

Category 4: Body.....Black

Category 5: Dynamics.....Pink

Category 6: Punctuation.....Gold

Category 7: Advanced Sorting.....Brown