

LOWERCASE

straight>straight  
(udlijqhmna)R  
L(ublijphmnr)

nonnnnono  
nonnunono  
nonnbnono  
nonninono  
nonn**j**nono  
nonnpnono  
nonu**u**nono  
nonubnono  
nonuinono  
nonujnono  
nonupnono  
nonunnono  
nonqunono  
non**q**bnono  
nonqinono  
nonqjnono  
non**q**pnono  
nonqnnono  
non**j**unono  
nonjbnono  
nonjinono  
nonjjnono  
nonjpnono  
nonjnnono  
nonnunono  
nonnbnono

nonninono  
nonnjnono  
nonnpnono  
nonnnnono  
nonaunono  
nonabnono  
nonainono  
nonajnono  
nonapnono  
nonannono  
noniunono  
nonibnono  
noniinono  
nonijnono  
nonipnono  
noninnono  
  
straight>full round  
(udlijqhmna)R L  
(ceodqgð)  
nonuonono  
nonu**g**nono  
nonuðnono  
nonqonono  
non**q**gnono  
nonqðnono  
non**j**onono  
nonjgnono  
non**j**ðnono  
noni**i**onono  
nonignono

noni**ð**nono  
nonnonono  
nonngnono  
nonnðnono  
nononono  
  
(bpo)R L(ublijphmnr)  
nonounono  
non**o**bnono  
nono**j**onon  
nono**i**onon  
nonononon  
  
straight>small round  
(udlijqhmna)R L(as)  
nonuanono  
nonusnono  
nonqanono  
nonqsnono  
nonjanono  
non**j**snono  
nonaanono  
nonasnono  
non**i**anono  
nonisnono  
nonlanono  
nonlsnono  
non**n**anono  
nonnsnono  
  
(s)R L(ublijphmnr)  
non**s**unono

non**s**bnono  
nonsnonon  
non**s**jnonon  
non**s**lnonon  
  
straight>void  
(udlijqhmna)R L(vwyzx)  
  
nonavnono  
nonaynono  
nonaznono  
nonaxnono  
nonuvnono  
nonuynono  
nonuznono  
nonuxnono  
nonqvnono  
nonqwnono  
nonqynono  
nonqznono  
nonqxnono  
nonjvnono  
nonjynono  
nonjznono  
nonjxnono  
nonivnono  
noniynono  
noniznono  
nonixnono  
nonvnono  
nonynono

nonznono  
non**x**nono  
  
(kvwyzxr)R  
L(ublijphmnr)  
non**r**unono  
nonrlnono  
nonrjnono  
non**r**pnono  
nonrbnono  
  
nonkunono  
nonklnono  
non**k**jnono  
nonkpnono  
nonkbnono  
  
nonvunono  
nonvlnono  
nonvjnono  
nonvppnono  
nonvbnono  
  
nonzunono  
nonzlnono  
nonzjnono  
nonzpnono  
nonzbnono  
  
nonxunono  
non**x**lnono  
nonxjnono  
  
nonxpnono  
nonxbnono  
  
straight>open  
(udlijgqhmna)R L(afts)  
nonufnono  
nonuanono  
nonutnono  
nonusnono  
nonqfnono  
nonqanono  
nonqtnono  
nonqsnono  
nonjfnono  
nonjanono  
nonjtnono  
nonjsnono  
nonnfnon  
nonnanon  
nonntnon  
nonnsnon  
  
(ctfre) R L(ublijphmnr)  
  
noncunono  
noncbnono  
noncnonon  
noncjnonon  
nonclonon  
noncpnonon  
nontunono  
nontbnono

|                         |                               |                                    |                          |                              |                          |
|-------------------------|-------------------------------|------------------------------------|--------------------------|------------------------------|--------------------------|
| nontnonon               |                               | nonpyonon                          | nonvgnono                | noncǎnonon                   | nonkanonon               |
| nontjnonon              | full > small                  | nonbynono                          | nonwgonon                | nontononon                   | nonksnonon               |
| nontlnonon              | (bpo)R L(as)                  | non <sup>gy</sup> nono             | nonygonon                | nontdnonon                   | nonvanonon               |
| nontpnonon              | nonoanono                     | nonoznono                          | non <sup>zg</sup> nonon  | nontgnonon                   | nonvsnonon               |
| nonfunono               | nonpaonon                     | nonpznonon                         | non <sup>xg</sup> nonon  | nontǎnonon                   | nonwanonon               |
| nonfbnono               | nonosnono                     | nonbznono                          | nonkenono                | nonfononon                   | nonwsnonon               |
| nonfnonon               | nonp <sup>son</sup> non       | non <sup>gz</sup> nono             | nonvenono                | nonfdnonon                   | nonyanonon               |
| nonfjnonon              |                               | nonoxnono                          | nonweonon                | nonfgnonon                   | nonysnonon               |
| nonflnonon              | (as) R L (ceodqgǎ)            | nonpxnonon                         | nonyeonon                | nonfǎnonon                   | nonzanonon               |
| nonfpnonon              |                               | nonbxnono                          | nonzenonon               | nonrononon                   | non <sup>zs</sup> nonon  |
| nonrunono               | nonaonono                     | non <sup>gx</sup> nono             | non <sup>xen</sup> nonon | nonrdnonon                   | non <sup>xan</sup> nonon |
| nonrbnono               | nonaenono                     | non <sup>gx</sup> nono             |                          | nonrgnonon                   | non <sup>xs</sup> nonon  |
| nonrnonon               | nonagnono                     |                                    | full>open                | nonrǎnonon                   |                          |
| nonrjnonon              | nonadnono                     |                                    | (bpo)R L(fts)            | noneononon                   | small>open               |
| nonrlnonon              | nonaǎnono                     | (kvwy <sup>zx</sup> )R L (ceodqgǎ) |                          | nonednonon                   | (s)R L(fts)              |
| nonrpnnonon             | non <sup>son</sup> nono       | nonkonono                          | nonofnono                | nonegnonon                   | nonsfnonon               |
| noneunono               | nonsenono                     | nonvnono                           | nonpfnonon               | noneǎnonon                   | nonstnonon               |
| nonebnono               | non <sup>sg</sup> nono        | nonwoonon                          | nonbfnono                |                              | nonssnonon               |
| nonenonon               | nonsdnono                     | nonyoonon                          | nonotnono                | small>small                  |                          |
| non <sup>ej</sup> nonon | nonsǎnono                     | nonkǎnono                          | nonptnonon               | (s)R L(as)                   | (ctfre) R L(as)          |
| nonelonon               |                               | nonvǎnono                          | nonbtnono                | non <sup>san</sup> nonon     | non <sup>can</sup> nonon |
| nonepnnonon             | full > void                   | nonwǎnonon                         | nonosnono                | non <sup>sss</sup> nonon     | noncsnonon               |
|                         | (bpog)R L(vwy <sup>zx</sup> ) | nonyǎnonon                         | nonpsonon                |                              | nontanonon               |
| full round >full round  | nonovnono                     | nonzǎnonon                         | nonbsnono                | small>void                   | non <sup>ts</sup> nonon  |
| (bpo)R L (ceodqgǎ)      | nonpvnonon                    | nonxǎnonon                         | nonoanono                | (s)R L(vwy <sup>zx</sup> )   | non <sup>fan</sup> nonon |
|                         | nonbvnono                     | nonk <sup>d</sup> nono             | nonpaonon                | nonsvnonon                   | nonfsnonon               |
| non <sup>oc</sup> nono  | nongvnono                     | nonvdnono                          | nonbanono                | nonswnonon                   | nonranonon               |
| nonoenono               | nonownono                     | nonwdnonon                         |                          | nonsynonon                   | non <sup>rs</sup> nonon  |
| nonognono               | nonp <sup>w</sup> nonon       | nonydonon                          | (ctfre) R L (ceodqgǎ)    | nonsznonon                   | noneanonon               |
| nonoǎnono               | nonbwnono                     | nonz <sup>d</sup> nonon            | noncononon               | non <sup>sx</sup> nonon      | nonesnonon               |
| nonpdonon               | nongwnono                     | nonxdnonon                         | noncdnonon               |                              |                          |
| nonooonon               | nonoynono                     | nonk <sup>g</sup> nono             | noncgnonon               | (kvwy <sup>zx</sup> )R L(as) | void>void                |

|                    |                    |                  |                   |           |                      |
|--------------------|--------------------|------------------|-------------------|-----------|----------------------|
| (kvwyzx)R L(vwyzx) |                    | nontznonon       | nonefnonon        | HOHNIHOH  | straight>full round  |
| nonkvnonon         | void>open          | nontxnonon       | nonetnonon        | HOHNKHOH  | (HMNUIJ)R L (CGOQ)   |
| nonkwnonon         | (kvwyzx)R L(fts)   | nonfvnonon       | nonesnonon        | HOHNLHOH  | HOHHOHOH             |
| nonkynonon         | nonkfnonon         | nonfwnonon       |                   | HOHNÐHOH  | HOHNOHOH             |
| nonkznonon         | nonktnonon         | nonfynonon       |                   |           | HOHUOHOH             |
| nonkxnonon         | nonksnonon         | nonfznonon       | UPPERCASE         | HOHUHHOH  | HOHHCHOH             |
| nonvvnonon         | nonvfnonon         | nonfxnonon       |                   | HOHUMHOH  | HOHNCCHOH            |
| nonvwnonon         | nonvtnonon         | nonrvnonon       | straight>straight | HOHUNHOH  | HOHUCHOH             |
| nonvynonon         | nonvsnonon         | nonrwnonon       | (HMNUIJ)R         | HOHUUHOH  |                      |
| nonvznonon         | nonwfnonon         | nonrynonon       | L(HMNUIKLPRBEFÐ)  | HOHUIHOH  | (DOQF)R              |
| nonvxnonon         | nonwtnonon         | nonrznonon       | HOHHHHOH          | HOHUKHOH  | L(HMNUIKLPRBEFÐ)     |
| nonwvnonon         | nonwsnonon         | nonrxnonon       | HOHHMHOH          | HOHULHOH  | HOHOUHOH             |
| nonwwnonon         | nonyfnonon         | nonevnonon       | HOHHNHOH          | HOHUÐHOH  | HOHQUHOH             |
| nonwynonon         | nonytnonon         | nonewnonon       | HOHHUHOH          |           | HOHDUHOH             |
| nonwznonon         | nonysnonon         | noneynonon       | HOHHIHOH          | HOHIHHOH  | HOHÐUHOH             |
| nonwxnonon         | nonzfnonon         | noneznonon       | HOHHKHOH          | HOHIMHOH  | HOHOHHOH             |
| nonyvnonon         | nonztnonon         | nonexnonon       | HOHHLHOH          | HOHINHOH  | HOHQHHOH             |
| nonywnonon         | nonzsnonon         |                  | HOHHÐHOH          | HOHIUHOH  | HOHDHHOH             |
| nonyynonon         | nonxfnonon         | open>open        |                   | HOHIIHOH  | HOHÐHHOH             |
| nonyznonon         | nonxtnonon         | (ctfre) R L(fts) | HOHMHHOH          | HOHIKHOH  | HOHOÐHOH             |
| nonyxnonon         | nonxsnonon         | noncfnonon       | HOHMMHOH          | HOHILHOH  | HOHQÐHOH             |
| nonzvnonon         |                    | nonctnonon       | HOHMNHOH          | HOHIÐHOH  | HOHDÐHOH             |
| nonzwnonon         |                    | noncsnonon       | HOHMUHOH          |           | HOHÐÐHOH             |
| nonzynonon         | (ctfre) R L(vwyzx) | nontfnonon       | HOHMIHOH          | HOHJHHOH  |                      |
| nonzznonon         | noncvnonon         | nonttnonon       | HOHMKHOH          | HOHJMH OH | straight>small round |
| nonzxnonon         | noncwnonon         | nontsnonon       | HOHMLHOH          | HOHJNHOH  | (HMNUIJ)R L(S)       |
| nonxvnonon         | noncynonon         | nonffnonon       | HOHMÐHOH          | HOHJUHOH  | OHOHSHOH             |
| nonxwnonon         | noncznonon         | nonftnonon       |                   | HOHJIHOH  | OHONSHOH             |
| nonxynonon         | noncxnonon         | nonfsnonon       | HOHNHHOH          | HOHJKHOH  | OHOUSHOH             |
| nonxznonon         | nontvnonon         | nonrfnonon       | HOHNMHOH          | HOHJLHOH  |                      |
| nonxxnonon         | nontwnonon         | nonrtnonon       | HOHNNHOH          | HOHJÐHOH  | (RBP)R               |
|                    | nontynonon         | nonrsnonon       | HOHNUHOH          |           | L(HMNUIKLPRBEFÐ)     |

|                     |                  |                        |                   |                     |                     |
|---------------------|------------------|------------------------|-------------------|---------------------|---------------------|
| HOHRHHOH            | HOHNAHOH         | OHONSHOH               | (DOQƆ)R L(CGOQ)   | HOHQVHOH            | HOHƆTHOH            |
| HOHRNHOH            | HOHUAHOH         | OHOU SHOH              | HOHƆOH OH         | HOHDYHOH            | HOHOTHOH            |
| HOHRUHOH            |                  |                        | HOHDOHOH          | HOHƆYHOH            | HOHQTHOH            |
| HOHRĐHOH            |                  | (CGSEFLTZ)R            | HOHDCHOH          | HOHOYHOH            | HOHDJHOH            |
| HOHBHHOH            | (WVYZXAKR)R      | L(HMNUIKLPRBEƆ)        | HOHDQHOH          | HOHQYHOH            | HOHƆJHOH            |
| HOHBNHOH            | L(HMNUIKLPRBEƆ)  | HOHCUHOH               | HOHQOHOH          | HOHƆZHOH            | HOHOJHOH            |
| HOHBUHOH            | HOHWUHOH         | HOHCHHOH               | HOHQCHOH          | HOHDZHOH            | HOHQJHOH            |
| HOHBĐHOH            | HOHWHHOH         | HOHCĐHOH               | HOHQQHOH          | HOHOZHOH            | HOHDSHOH            |
| HOHPHHOH            | HOHVUHOH         | HOHGUHOH               |                   | HOHQZHOH            | HOHƆSHOH            |
| HOHPNHOH            | HOHVHHOH         | HOHGHHOH               | full > small      | HOHƆXHOH            | HOHOSHOH            |
| HOHPUHOH            | HOHYUHOH         | HOHGĐHOH               | (DOQƆ)R L(S)      | HOHDXHOH            | HOHQSHOH            |
| HOHPĐHOH            | HOHYHHOH         | HOHSUHOH               |                   | HOHOXHOH            | HOHDZHOH            |
|                     | HOHZUHOH         | HOHSHHOH               | HOHƆSHOH          | HOHQXHOH            | HOHƆZHOH            |
|                     | HOHZHHOH         | HOHSĐHOH               | HOHDSHOH          | HOHƆAHOH            | HOHOZHOH            |
| straight>void       | HOHXUHOH         | HOHEUHOH               | HOHOSHOH          | HOHDAHOH            | HOHQZHOH            |
| (HMNUIJ)R L(WVYZXA) | HOHXHHOH         | HOHEHHOH               | HOHQSHOH          | HOHOAHOH            |                     |
| HOHHVHOH            | HOHAUHOH         | HOHEĐHOH               |                   | HOHQAHOH            | (CSEFLTZG)R L(CGOQ) |
| HOHNVHOH            | HOHAHHOH         | HOHFUHOH               | (RBP)R L(CGOQ)    |                     | HOHCOHOH            |
| HOHUVHOH            | HOHKUHOH         | HOHFHHOH               | HOHROHOH          | (WVYZXAKR)R L(CGOQ) | HOHSOHOH            |
| HOHHWHOH            | HOHKHHOH         | HOHFĐHOH               | HOHBOHOH          | HOHWOHOH            | HOHEOHOH            |
| HOHNWHOH            | HOHRUHOH         | HOHLUHOH               | HOHPOHOH          | HOHVOHOH            | HOHFOHOH            |
| HOHUWHOH            | HOHRHHOH         | HOHLHHOH               |                   | HOHYOHOH            | HOHLOHOH            |
| HOHHYHOH            |                  | HOHLĐHOH               | full > void       | HOHZOHOH            | HOHTOHOH            |
| HOHNYHOH            | straight>open    | HOHTUHOH               | (DOQƆ)R L(WVYZXA) | HOHXOHOH            | HOHZOHOH            |
| HOHUYHOH            | (HMNUIJ)R L(TJS) | HOHTHHOH               |                   | HOHAOHOH            | HOHGOHOH            |
| HOHHZHOH            | OHOTHTOH         | HOHTĐHOH               | HOHDWHOH          | HOHKOHOH            |                     |
| HOHNZHOH            | OHONTHOH         | HOHZUHOH               | HOHƆWHOH          | HOHROHOH            |                     |
| HOHUZHOH            | OHOUTH OH        | HOHZHHOH               | HOHOWHOH          |                     | small>small         |
| HOHHXHOH            | OH OHJHOH        | HOHZĐHOH               | HOHQWHOH          |                     | (RBP)R L(S)         |
| HOHNXHOH            | OHONJHOH         |                        | HOHƆVHOH          | full>open           | HOHRSHOH            |
| HOHUXHOH            | OHOUJHOH         |                        | HOHDVHOH          | (DOQ)R L(TJSZ)      | HOHBSHOH            |
| HOHHAHOH            | OH OHSHOH        | full round >full round | HOHOVHOH          | HOHDTHOH            | HOHPSHOH            |

|                  |                |                     |           |                  |                    |
|------------------|----------------|---------------------|-----------|------------------|--------------------|
|                  | HOHWSHOH       | HOHBJHOH            |           | (WVYZXA KR)R     | HOHZZHOH HZZZH     |
| small>void       | HOHVSHOH       | HOHBSHOH            | HOHCTHOH  | L(WVYZXA)        | HOHZXHOH HZXZH     |
| (RBP)R L(WVYZXA) | HOHYSHOH       | HOHBSHOH            | HOHGTHOH  |                  | HOHZAHOH HZAZH     |
|                  | HOHZSHOH       | HOHBSHOH            | HOHSTHOH  |                  |                    |
| HOHRWHOHOH       | HOHXSHOH       | HOHBZHOH            | HOHETHOH  | HOHWWHOH         | HOHXWHOHOH HXWXH   |
| HOHRVHOH         | HOHASHOH       | HOHBZHOH            | HOHFTHOH  | HWWWH            | HOHXVHOH HXVXH     |
| HOHRYHOH         | HOHKSHOH       | HOHBZHOH            | HOHLTHOH  | HOHWVHOH HWVWH   | HOHXYHOH HXYXH     |
| HOHRZHOH         | HOHRSHOH       |                     | HOHTTHOH  | HOHWYHOH HWYWH   | HOHXZHOH HXZXH     |
| HOHRXHOH         |                | HOHPTHOH            | HOHZTHOH  | HOHWZHOH HWZWH   | HOHXXHOH HXXXH     |
| HOHRAHOH         |                | HOHPTHOH            |           | HOHWXHOH HWXWH   | HOHXAHOH HXAXH     |
| HOHRÆHOH         | small>open     | HOHPTHOH            |           | HOHWAHOH HWAWH   |                    |
|                  | (RBP)R L(TJSZ) | HOHPJHOH            | HOHCJHOH  | HOHWÆHOH         | HOHAWHOH HAWAH     |
| HOHBWHOHOH       |                | HOHPJHOH            | HOHGJHOH  | HWÆWH            | HOHAVHOH HAVAH     |
| HOHBVHOH         |                | HOHPJHOH            | HOHSJHOH  |                  | HOHAYHOH HAYAH     |
| HOHBYHOH         | HOHRTHOH       | HOHPSHOH            | HOHEJHOH  |                  | HOHAZHOH HAZAH     |
| HOHBZHOH         | HOHRTHOH       | HOHPSHOH            | HOHFJHOH  | HOHVWHOHOH HVWVH | HOHAXHOH HAXAH     |
| HOHBXHOH         | HOHRTHOH       | HOHPSHOH            | HOHLJHOH  | HOHVVHOH HVVVH   | HOHAAHOH HAAAH     |
| HOHBAHOH         | HOHRJHOH       | HOHPZHOH            | HOHTJHOH  | HOHVVHOH HVVWH   |                    |
| HOHBÆHOH         | HOHRJHOH       | HOHPZHOH            | HOHZJHOH  | HOHVZHOH HVZVH   | void>open          |
|                  | HOHRJHOH       |                     |           | HOHVXHOH HVXVH   | (WVYZXAKR)R L(TJS) |
| HOHPWHOHOH       | HOHRSHOH       |                     |           | HOHVAHOH HVAVH   |                    |
| HOHPVHOH         | HOHRSHOH       | (CGSEFLTZ)R L(TJSZ) | HOHCZHOH  |                  | HOHWTHOH           |
| HOHPYHOH         | HOHRSHOH       |                     | HOHGZHOH  | HOHYWHOHOH HYWYH | HOHWJHOH           |
| HOHPZHOH         | HOHRZHOH       | HOHCSHOH            | HOHSZHOH  | HOHYVHOH HYVYH   | HOHWSHOH           |
| HOHPXHOH         | HOHRZHOH       | HOHGSHOH            | HOHEZHOH  | HOHYVHOH HYVYH   |                    |
| HOHPAHOH         | HOHRZHOH       | HOHSSHOH            | HOHFZHOH  | HOHYZHOH HYZYH   | HOHVTHOH           |
| HOHPÆHOH         |                | HOHESHOH            | HOHLZHOH  | HOHYXHOH HYXYH   | HOHVJHOH           |
|                  | HOHBTHOH       | HOHFSHOH            | HOHTZHOH  | HOHYAHOH HYAYH   | HOHVSHOH           |
|                  | HOHBTHOH       | HOHLSHOH            | HOHZZHOH  |                  |                    |
| (WVYZXAKR)R L(S) | HOHBTHOH       | HOHTSHOH            |           | HOHZWHOHOH HZWZH | HOHYTHOH           |
|                  | HOHBJHOH       | HOHZSHOH            |           | HOHZVHOH HZVZH   | HOHYJHOH           |
|                  | HOHBJHOH       |                     | void>void | HOHZYHOH HZYZH   | HOHYSHOH           |

|                      |                |                   |                   |                       |                       |
|----------------------|----------------|-------------------|-------------------|-----------------------|-----------------------|
|                      | HOHSVHOH HSVSH |                   | HOHTTHOH          | nonHjnono             | nonPpnono             |
| HOHZTHOH             | HOHSZHOH HSZSH | HOHZWHOH HZWZH    | HOHTJHOH          | nonNjnono             | nonDunono             |
| HOHZJHOH             | HOHSXHOH HSXSH | HOHZYHOH HYZZH    | HOHTSHOH          | nonUjnono             | nonDbnono             |
| HOHZSHOH             | HOHSAHOH HSASH | HOHZVHOH HZVZH    | HOHTZHOH          | nonHpnono             | nonDjnono             |
|                      |                | HOHZZHOH HZZZH    | HOHZTHOH          | nonNpnono             | nonDnnono             |
| HOHXTHOH             | HOHEWHO        | HOHZXHOH HZXZH    | HOHZJHOH          | nonUpnono             | nonDpnono             |
| HOHXJHOH             | HOHEYHOH       | HOHZAHOH HZAZH    | HOHZSHOH          | nonHhnono             | nonOunono             |
| HOHXSHOH             | HOHEVHOH       |                   | HOHZZHOH          | nonNhnono             | nonObnono             |
|                      | HOHEZHOH       |                   |                   | nonUhnono             | nonOjnono             |
| HOHATHOH             | HOHEXHOH       | open>open         | UPPERCASE >       |                       | nonOnnono             |
| HOHAJHOH             | HOHEAHOH       | (CSEFLTZ)R L(TJZ) | Lowercase         | straight>full round   | nonOpnono             |
| HOHASHOH             |                |                   |                   | (HMINUJ)R L (ceodqgđ) | nonQunono             |
|                      | HOHFWHO        | HOHCTHOH          | straight>straight |                       | nonQbnono             |
| HOHKTHOH HKTXH       | HOHFYHOH       | HOHCJHOH          |                   | nonHonono             | nonQjnono             |
| HOHKJHOH HKJXH       | HOHFVHOH       | HOHCSHOH          | (HMINUJ)R         | nonNonono             | nonQnnono             |
| HOHKSHOH HKSXH       | HOHFZHOH       | HOHCZHOH          | L(ublijphmnr)     | nonUonono             | nonQpnono             |
|                      | HOHFXHOH       | HOHSTHOH          |                   | nonHdnono             |                       |
| HOHRTHOH HRTXH       | HOHFAHOH       | HOHSJHOH          | nonHnnono         | nonNdnono             |                       |
| HOHRJHOH HRJXH       |                | HOHSSH OH         | nonNnnono         | nonUdnono             | straight>small round  |
| HOHRSHOH HRSXH       | HOHLWHO        | HOHSZHOH          | nonUnnono         | nonHgnono             | (HMNUIJ)R L(as)       |
|                      | HOHLYHOH       | HOHETHOH          | nonHunono         | nonNgnono             | nonHanono             |
| (CSEFLTZ)R L(WVYZXA) | HOHLVHOH       | HOHEJHOH          | nonNunono         | nonUgnono             | nonNanono             |
|                      | HOHLZHOH       | HOHESHOH          | nonUunono         | nonHðnono             | nonUanono             |
| HOHCWHO              | HOHLXHOH       | HOHEZHOH          | nonHbnono         | nonNðnono             | nonHsnono             |
| HOHCYHOH             | HOHLAHOH       | HOHFTHOH          | nonNbnono         | nonUðnono             | nonNsnono             |
| HOHCVHOH             |                | HOHFJHOH          | nonUbnono         |                       | nonUsnono             |
| HOHCZHOH             | HOHTWHO        | HOHFSHOH          | nonHjnono         | (DOQ)R L(ublijphmnr)  |                       |
| HOHCXHOH             | HOHTYHOH HTYTH | HOHFZHOH          | nonNjnono         |                       | (RBPG)R L(ublijphmnr) |
| HOHCAHOH             | HOHTVHOH HTVTH | HOHLTHOH          | nonUjnono         | nonPunono             |                       |
|                      | HOHTZHOH HTZTH | HOHLJHOH          | nonHinono         | nonPbnono             | nonRunono             |
| HOHSWHO              | HOHTXHOH HTXTH | HOHLSHOH          | nonNinono         | nonPjnono             | nonRbnono             |
| HOHSYHOH HSYSH       | HOHTAHOH HTATH | HOHLZHOH          | nonUinono         | nonPnnono             | nonRjnono             |

|                    |               |                  |               |                        |                   |
|--------------------|---------------|------------------|---------------|------------------------|-------------------|
| nonRnnono          | nonNynono     | nonZjnono        | nonNfnono     | nonFunono              |                   |
| nonRpnono          | nonUynono     | nonZnnono        | nonUfnono     | nonF'bnono             | nonDonono         |
|                    | nonHznono     | nonZpnono        |               | nonFjnono              | nonDdnono         |
| nonBunono          | nonNznono     |                  | nonHitnono    | nonFnnono              | nonDgnono         |
| nonBbnono          | nonUznono     | nonXunono        | nonNtnono     | nonFpnono              | nonDðnono         |
| nonBjnono          | nonHxnono     | nonXbnono        | nonUtnono     |                        | nonƆonono         |
| nonBnnono          | nonNxnono     | nonXjnono        |               | nonLunono              | nonƆdnono         |
| nonBpnono          | nonUxnono     | nonXnnono        | nonHsnono     | nonLbnono              | nonƆgnono         |
|                    |               | nonXpnono        | nonNsnono     | nonLjnono              | nonƆðnono         |
| nonPunono          | (WVYZXAKR)R   |                  | nonUsnono     | nonLnnono              | nonOonono         |
| nonPbnono          | L(ublijphmnr) | nonAunono        |               | nonLpnono              | nonOdnono         |
| nonPjnono          |               | nonAbnono        | (CSEFLTZ)R    |                        | nonOgnono         |
| nonPnnono          | nonWunono     | nonAjnono        | L(ublijphmnr) | nonTunono              | nonOðnono         |
| nonPpnono          | nonWbnono     | nonAnnono        |               | nonT'bnono             | nonQonono         |
|                    | nonWjnono     | nonApnono        | nonCunono     | nonTjnono              | nonQdnono         |
| nonGunono          | nonWnnono     |                  | nonCbnono     | nonTnnono              | nonQgnono         |
| nonGbnono          | nonWpnono     | nonKunono        | nonCjnono     | nonTpnono              | nonQðnono         |
| nonGjnono          |               | nonKbnono        | nonCnnono     |                        |                   |
| nonGnnono          | nonVunono     | nonKjnono        | nonCpnono     | nonZunono              | full > small      |
| nonGpnono          | nonVbnono     | nonKnnono        |               | nonZbnono              | (DOQ)R L(as)      |
|                    | nonVjnono     | nonKpnono        | nonSunono     | nonZjnono              |                   |
|                    | nonVnnono     |                  | nonSbnono     | nonZnnono              | nonDanono         |
| straight>void      | nonVpnono     | nonRunono        | nonSjnono     | nonZpnono              | nonDsnono         |
| (HMNUIJ)R L(vwyzx) |               | nonRbnono        | nonSnnono     |                        | nonƆanono         |
|                    | nonYunono     | nonRjnono        | nonSpnono     | nonZhnono              | nonƆsnono         |
| nonHvnono          | nonYbnono     | nonRnnono        |               | nonZhnono              | nonOanono         |
| nonNvnono          | nonYjnono     | nonRpnono        | nonEunono     | nonZhnono              | nonOsnono         |
| nonUvnono          | nonYnnono     |                  | nonEbnono     | nonZhnono              | nonQanono         |
| nonHwnono          | nonYpnono     | straight>open    | nonEjnono     | nonZhnono              | nonQsnono         |
| nonNwnono          |               | (HMNUIJ)R L(fts) | nonEnnono     |                        |                   |
| nonUwnono          | nonZunono     |                  | nonEpnono     | full round >full round | (RBP)R L (ceodqg) |
| nonHynono          | nonZbnono     | nonHfnono        |               | (DOQ)R L (ceodqgð)     |                   |

|                 |               |               |                        |                  |                   |
|-----------------|---------------|---------------|------------------------|------------------|-------------------|
| nonRonono       | nonOynono     |               |                        | nonLdnono        | nonRznono         |
| nonRdnono       | nonOznono     | nonZonono     | nonOfnono              | nonLgnono        | nonRxnono         |
| nonRgnono       | nonOxnono     | nonZdnono     | nonOtnono              | nonLðnono        |                   |
| nonRðnono       |               | nonZgnono     | nonOsnono              |                  | nonBvnono         |
|                 | nonQvnono     | nonZðnono     |                        | nonTonono        | nonBwnono         |
| nonBonono       | nonQwnono     |               | nonQfnono              | nonTdnono        | nonBynono         |
| nonBdnono       | nonQynono     | nonXonono     | nonQtnono              | nonTgnono        | nonBznono         |
| nonBgnono       | nonQznono     | nonXdnono     | nonQsnono              | nonTðnono        | nonBxnono         |
| nonBðnono       | nonQxnono     | nonXgnono     |                        |                  |                   |
|                 |               | nonXðnono     | (CSEFLTZ)R L (ceodqgð) | nonZonono        | nonPvnono         |
| nonPonono       | (WVYZXAKR)R L |               |                        | nonZdnono        | nonPwnono         |
| nonPdnono       | (ceodqgð)     | nonAonono     | nonConono              | nonZgnono        | nonPynono         |
| nonPgnono       |               | nonAdnono     | nonCdnono              | nonZðnono        | nonPznono         |
| nonPðnono       | nonWonono     | nonAgnono     | nonCgnono              |                  | nonPxnono         |
|                 | nonWdnono     | nonAðnono     | nonCðnono              | small>small      |                   |
| full > void     | nonWgnono     |               |                        | (RBPG)R L(as)    | nonGvnono         |
| (DOQ)R L(vwyzx) | nonWðnono     | nonKonono     | nonSonono              |                  | nonGwnono         |
|                 |               | nonKdnono     | nonSdnono              | nonRanono        | nonGynono         |
| nonDvnono       | nonVonono     | nonKgnono     | nonSgnono              | nonRsnono        | nonGznono         |
| nonDwnono       | nonVdnono     | nonKðnono     | nonSðnono              | nonBanono        | nonGxnono         |
| nonDynono       | nonVgnono     |               |                        | nonBsnono        |                   |
| nonDznono       | nonVðnono     | nonRonono     | nonEonono              | nonPanono        | (WVYZXAKR)R L(as) |
| nonDxnono       |               | nonRdnono     | nonEdnono              | nonPsnono        |                   |
|                 | nonYonono     | nonRgnono     | nonEgnono              | nonGanono        | nonWanono         |
| nonĤvnono       | nonYdnono     | nonRðnono     | nonEðnono              | nonGsnono        | nonWsnono         |
| nonĤwnono       | nonYgnono     |               |                        |                  | nonVanono         |
| nonĤynono       | nonYðnono     | full>open     | nonFonono              |                  | nonVsnono         |
| nonĤznono       |               | (DOQ)R L(fts) | nonFdnono              | small>void       | nonYanono         |
| nonĤxnono       | nonZonono     |               | nonFgnono              | (RBPG)R L(vwyzx) | nonYsnono         |
|                 | nonZdnono     | nonDfnono     | nonFðnono              | nonRvnono        | nonZanono         |
| nonOvnono       | nonZgnono     | nonDtnono     |                        | nonRwnono        | nonZsnono         |
| nonOwnono       | nonZðnono     | nonDsnono     | nonLonono              | nonRynono        | nonXanono         |



|                  |                      |           |                     |           |                   |
|------------------|----------------------|-----------|---------------------|-----------|-------------------|
| nonXsnono        | nonSanono            |           | (WVYZXAKR)R L(fts)  | nonCznono |                   |
| nonAanono        | nonEsnono            | nonZvnono |                     | nonCxnono | nonZvnono         |
| nonAsnono        | nonEanono            | nonZwnono | nonWfnono           |           | nonZwnono         |
| nonKanono        | nonFsnono            | nonZynono | nonWtnono           | nonSvnono | nonZynono         |
| nonKsnono        | nonFanono            | nonZznono | nonWsnono           | nonSwnono | nonZznono         |
| nonRanono        | nonLsnono            | nonZxnono | nonVfnono           | nonSynono | nonZxnono         |
| nonRsnono        | nonLanono            |           | nonVtnono           | nonSznono |                   |
|                  | nonTsnono            | nonXvnono | nonVsnono           | nonSxnono | open>open         |
| small>open       | nonTanono            | nonXwnono | nonYfnono           |           | (CSEFLTZ)R L(fts) |
| (RBPG)R L(fts)   | nonZsnono            | nonXynono | nonYtnono           | nonEvnono |                   |
|                  | nonZanono            | nonXznono | nonYsnono           | nonEwnono | nonCfnono         |
| nonRfnono        |                      | nonXxnono | nonZfnono           | nonEynono | nonCtnono         |
| nonRtnono        | void>void            |           | nonZtnono           | nonEznono | nonCsnono         |
| nonRsnono        | (WVYZXAKR)R L(vwyzx) | nonAvnono | nonZsnono           | nonExnono | nonSfnono         |
|                  |                      | nonAwnono | nonXfnono           |           | nonStnono         |
| nonBfnono        | nonWvnono            | nonAynono | nonXtnono           | nonFvnono | nonSsnono         |
| nonBtnono        | nonWwnono            | nonAznono | nonXsnono           | nonFwnono | nonEfnono         |
| nonBsnono        | nonWynono            | nonAxnono | nonAfnono           | nonFynono | nonEtnono         |
|                  | nonWznono            |           | nonAtnono           | nonFznono | nonEsnono         |
| nonPfnono        | nonWxnono            | nonKvnono | nonAsnono           | nonFxnono | nonFfnono         |
| nonPtnono        |                      | nonKwnono | nonKfnono           |           | nonFtnono         |
| nonPsnono        | nonVvnono            | nonKynono | nonKtnono           | nonLvnono | nonFsnono         |
|                  | nonVwnono            | nonKznono | nonKsnono           | nonLwnono | nonLfnono         |
| nonGfnono        | nonVynono            | nonKxnono | nonRfnono           | nonLynono | nonLtnono         |
| nonGtnono        | nonVznono            |           | nonRtnono           | nonLznono | nonLsnono         |
| nonGsnono        | nonVxnono            | nonRvnono | nonRsnono           | nonLxnono | nonTfnono         |
|                  |                      | nonRwnono |                     |           | nonTtnono         |
| (CSEFLTZ)R L(as) | nonYvnono            | nonRynono | (CSEFLTZ)R L(vwyzx) | nonTvnono | nonTsnono         |
|                  | nonYwnono            | nonRznono |                     | nonTwnono | nonZfnono         |
| nonCsnono        | nonYynono            | nonRxnono | nonCvnono           | nonTynono | nonZtnono         |
| nonCanono        | nonYznono            |           | nonCwnono           | nonTznono | nonZsnono         |
| nonSsnono        | nonYxnono            | void>open | nonCynono           | nonTxnono |                   |

|                        |                       |                  |                      |                        |                   |
|------------------------|-----------------------|------------------|----------------------|------------------------|-------------------|
|                        | nonnSnono             | noniYnono        | nonvHnono            |                        | nonoSnono         |
| Lowercase >            | nonqSnono             | nonjYnono        | nonvUnono            | nonnSnono              | nonpSnono         |
| UPPERCASE              | noniSnono             | nonuYnono        | nonvĐnono            | nonqSnono              | nonbSnono         |
|                        | nonjSnono             | nonaYnono        | nonwHnono            | noniSnono              |                   |
| straight>full round    | nonuSnono             |                  | nonwUnono            | nonjSnono              | (as) R L(CGOQ)    |
| (udlijghmna)R L (CGOQ) | nonaSnono             | nonnZnono        | nonwĐnono            | nonuSnono              |                   |
| nonnOnono              |                       | nonqZnono        | nonyHnono            | nonaSnono              | nonaOnono         |
| nonqOnono              | (s)R L(HMNUIKLPRBEF') | noniZnono        | nonyUnono            |                        | nonsOnono         |
| noniOnono              |                       | nonjZnono        | nonyĐnono            | (ctfr) R               |                   |
| nonjOnono              | nonsHnono             | nonuZnono        | nonzHnono            | L(HMNUIKLPRBEF')       | full > void       |
| nonuOnono              | nonsUnono             | nonaZnono        | nonzUnono            |                        | (bpođ)R L(WVYZXA) |
| nonaOnono              |                       |                  | nonzĐnono            | noncHnono              | (kvwyzx)R L(CGOQ) |
|                        | straight>void         | nonnXnono        | nonxHnono            | noncUnono              |                   |
| (bpo)R                 | (udlijghmna)R         | nonqXnono        | nonxUnono            | nonfHnono              | nonoWnono         |
| L(HMNUIKLPRBEFĐ)       | L(WVYZXA)             | noniXnono        | nonxĐnono            | nonfUnono              | nonpWnono         |
|                        |                       | nonjXnono        |                      | nontHnono              | nonbWnono         |
| nonoHnono              | nonnWnono             | nonuXnono        | straight>open        | nontUnono              | nonđWnono         |
| nonpHnono              | nonqWnono             | nonaXnono        | (udlijghmna)R L(TJS) | nonrHnono              | nonoVnono         |
| nonbHnono              | noniWnono             |                  |                      | nonrUnono              | nonpVnono         |
| nonđHnono              | nonjWnono             | nonnAnono        | nonnTnono            |                        | nonbVnono         |
| nonoUnono              | nonuWnono             | nonqAnono        | nonqTnono            |                        | nonđVnono         |
| nonpUnono              | nonaWnono             | noniAnono        | noniTnono            |                        | nonoYnono         |
| nonbUnono              |                       | nonjAnono        | nonjTnono            | full round >full round | nonpYnono         |
| nonđUnono              | nonnVnono             | nonuAnono        | nonuTnono            | (bpoe)R L(CGOQ)        | nonbYnono         |
| nonoĐnono              | nonqVnono             | nonaAnono        | nonaTnono            |                        | nonđYnono         |
| nonpĐnono              | noniVnono             |                  |                      | nonoOonono             | nonoZnono         |
| nonbĐnono              | nonjVnono             | (kvwyzx)R        | nonnJnono            | nonpOonono             | nonpZnono         |
| nonđĐnono              | nonuVnono             | L(HMNUIKLPRBEFĐ) | nonqJnono            | nonbOonono             | nonbZnono         |
|                        | nonaVnono             |                  | noniJnono            |                        | nonđZnono         |
| straight>small round   |                       | nonkHnono        | nonjJnono            | full > small           | nonoXnono         |
| (udlijghmna)R L(S)     | nonnYnono             | nonkUnono        | nonuJnono            | (bpo)R L(S)            | nonpXnono         |
|                        | nonqYnono             | nonkĐnono        | nonaJnono            |                        | nonbXnono         |

|                  |                |                     |                  |                    |                 |
|------------------|----------------|---------------------|------------------|--------------------|-----------------|
| nonðXnono        | (s)R L(S)      | noncSnono           | nonyZnono        | nonzJnono          | noncXnono       |
| nonoĀnono        |                | nontSnono           | nonzZnono        | nonxJnono          | nontXnono       |
| nonpĀnono        | nonsSsnono     | nonfSnono           | nonxZnono        |                    | nonfXnono       |
| nonbĀnono        |                | nonrSnono           |                  | nonkSnono          | nonrXnono       |
| nonðĀnono        | small>void     |                     | nonkXnono        | nonvSnono          |                 |
|                  | (s)R L(WVYZXA) | void>void           | nonvXnono        | nonwSnono          | noncĀnono       |
| full>open        |                | (kvwyzx)R L(WVYZXA) | nonwXnono        | nonySnono          | nontĀnono       |
| (bpoð)R L(TJS)   | nonsWnono      |                     | nonyXnono        | nonzSnono          | nonfĀnono       |
|                  | nonsVnono      | nonkWnono           | nonzXnono        | nonxSnono          | nonrĀnono       |
| nonoTnono        | nonsYnono      | nonvWnono           | nonxXnono        |                    |                 |
| nonpTnono        | nonsZnono      | nonwWnono           |                  | (ctfr) R L(WVYZXA) |                 |
| nonbTnono        | nonsXnono      | nonyWnono           | nonkĀnono        |                    | open>open       |
| nonðTnono        | nonsĀnono      | nonzWnono           | nonvĀnono        | noncWnono          | (ctfr) R L(TJS) |
|                  |                | nonxWnono           | nonwĀnono        | nontWnono          |                 |
| nonoJnono        | (kvwyzx)R L(S) |                     | nonyĀnono        | nonfWnono          | noncTnono       |
| nonpJnono        |                | nonkVnono           | nonzĀnono        | nonrWnono          | nontTnono       |
| nonbJnono        | nonkSnono      | nonvVnono           | nonxĀnono        |                    | nonfTnono       |
| nonðJnono        | nonvSnono      | nonwVnono           |                  | noncVnono          | nonrTnono       |
|                  | nonwSnono      | nonyVnono           | void>open        | nontVnono          |                 |
| nonoSnono        | nonySnono      | nonzVnono           | (kvwyzx)R L(TJS) | nonfVnono          | noncJnono       |
| nonpSnono        | nonzSnono      | nonxVnono           |                  | nonrVnono          | nontJnono       |
| nonbSnono        | nonxSnono      |                     | nonkTnono        |                    | nonfJnono       |
| nonðSnono        |                | nonkYnono           | nonvTnono        | noncYnono          | nonrJnon        |
|                  | small>open     | nonvYnono           | nonwTnono        | nontYnono          |                 |
| (ctfr) R L(CGOQ) | (s)R L(TJS)    | nonwYnono           | nonyTnono        | nonfYnono          | noncSnono       |
|                  |                | nonyYnono           | nonzTnono        | nonrYnono          | nontSnono       |
| noncOnono        | nonsTsnono     | nonzYnono           | nonxTnono        |                    | nonfSnono       |
| nonfOnono        | nonsJnono      | nonxYnono           |                  | noncZnono          | nonrSnono       |
| nontOnono        | nonsSsnono     |                     | nonkJnono        | nontZnono          |                 |
| nonrOnono        |                | nonkZnono           | nonvJnono        | nonfZnono          |                 |
|                  | (ctfr) R L(S)  | nonvZnono           | nonwJnono        | nonrZnono          | Figures         |
| small>small      |                | nonwZnono           | nonyJnono        |                    |                 |

|                      |                |                         |              |                |
|----------------------|----------------|-------------------------|--------------|----------------|
| straight > straight  | 111811         | 111311                  |              | 116011         |
| 001100               |                | 111911                  | 110911       | (72)R L (06)   |
| 111111               | (8356) R L (1) |                         | 110811       | 115011         |
| HH11HH               |                | 001200                  | 119911       | 117011         |
| nn11nn               | 008100         | 001300                  | 119811       | 117611         |
|                      | 003100         | 001900                  |              | 112011         |
| straight>full round  | 005100         |                         | 000900       | 112611         |
| (1) R L (06)         | 006100         | (654)R L(1)             | 000800       |                |
|                      |                |                         | 009900       | 007000         |
| 001000               | 118111         | 116111                  | 009800       | 007600         |
| 001600               | 113111         | 115111                  |              | 002000         |
|                      | 115111         | 114111                  | L(98) L (06) | 002600         |
| 111011               | 116111         |                         |              | 004600         |
| 111611               |                | 006100                  | 119011       | full > open    |
|                      | straight>void  | 005100                  | 119611       | (09) R L(239)  |
|                      | (1) R L(4)     | 004100                  | 118011       | small > small  |
| (09) R L (1)         |                |                         | 118611       | (8356) R L(98) |
|                      | 111411         | full round >full round  |              | 110211         |
| 009100               | 001400         | (09) R L (06)           | 009000       | 110311         |
| 000100               |                |                         | 009600       | 110911         |
|                      | (72)R L (1)    | 110011                  | 008000       | 119211         |
| 119111               |                | 110611                  | 008600       | 119311         |
| 110111               | 117111         | 119011                  |              | 119911         |
|                      | 112111         | 119611                  | full > void  | 115811         |
|                      |                |                         | (09) R L(4)  | 000200         |
| straight>small round | 007100         | 000000                  |              | 000300         |
| (1) R L(98)          | 002100         | 000600                  | 110411       | 000900         |
|                      |                | 009000                  | 119411       | 009200         |
| 001900               | straight>open  | 009600                  |              | 009300         |
| 001800               | (1) R L(239)   |                         | 000400       | 009900         |
|                      |                | full round >small round |              | 003900         |
| 111911               | 111211         | (09) R L(98)            | 009400       | 003800         |
|                      |                |                         |              | 005900         |
|                      |                |                         |              | 005800         |

|                 |        |              |               |   |
|-----------------|--------|--------------|---------------|---|
| 006900          |        |              | 117311        | 115311  |
| 006800          | 118211 |              | 117911        | 115911  |
|                 | 118311 |              | 112211        | 114211  |
|                 | 118911 | (654)R L(98) | 112311        | 114311  |
| small > void    |        |              | 112911        | 114911  |
| (8356) R L(4)   | 113211 | 116911       |               |   |
|                 | 113311 | 116811       | 007200        | 006200  |
| 118411          | 113911 | 115911       | 007300        | 006300  |
| 113411          |        | 115811       | 007900        | 006900  |
| 115411          | 115211 | 114911       | 002200        | 005200  |
| 116411          | 115311 | 114811       | 002300        | 005300  |
|                 | 115911 |              | 002900        | 005900  |
| 008400          |        | 006900       |               | 004200  |
| 003400          | 116211 | 006800       |               | 004300  |
| 005400          | 116311 | 005900       |               | 004900  |
| 006400          | 116911 | 005800       | (654)R L(4)   |   |
|                 |        | 004900       |               |   |
|                 | 008200 | 004800       | 116411        | collisions U>L & L>U  |
| (72)R L(98)     | 008300 |              | 115411        |   |
|                 | 008900 | void > void  | 114411        | fT fY   |
| 117911          |        | (72)R L(4)   |               | Qj Qy Qp Qj Fl tA gT gV                                       |
| 112911          | 003200 |              | 006400        | gX  |
| 117811          | 003300 | 117411       | 005400        |   |
| 112811          | 003900 | 112411       | 004400        | jj, jy, qj, qg, gg, gp, gy, fh,<br>fk, fl, fb, fi, fj, ff, ft |
| 007900          | 005200 | 007400       | open > open   |   |
| 002900          | 005300 | 002400       | (654)R L(239) | L4 F'7 6T T'7   |
| 007800          | 005900 |              |               |   |
| 002800          |        | void > open  | 116211        |   |
|                 | 006200 | (72)R L(239) | 116311        |   |
| small > open    | 006300 |              | 116911        |   |
| (8356) R L(239) | 006900 | 117211       | 115211        |   |