

LOWERCASE

straight>straight
(udlijqhmna)R
L(ublijphmnr)

nonnnnnono
nonnnunono
nonnbnono
nonninono
nonnjnono
nonnpnono
nonuunono
nonubnono
nonuinono
nonujnono
nonupnono
nonunnono
nonqunono
nonqbnono
nonqinono
nonqjnono
nonqpnono
nonqnnono
nonjunono
nonjbnono
nonjinono
nonjjnono
nonjpnono
nonjnnono
nonnnunono
nonnbnono

nonninono
nonnjnono
nonnpnono
nonnnnono
nonaunono
nonabnono
nonainono
nonajnono
nonapnono
nonannono
noniunono
nonibnono
noniinono
nonijnono
nonipnono
noninnono

straight>full round
(udlijqhmna)R L
(ceodqgđ)
nonuonono
nonugnono
nonuđnono
nonqonono
nonqgnono
nonqđnono
nonjonono
nonjgnono
nonjđnono
nonionono
nonignono

noniđnono
nonnonono
nonngnono
nonnđnono
nononono

(bpo)R L(ublijphmnr)
nonounono
nonobnono
nonojonon
nonoionon
nonononon

straight>small round
(udlijqhmna)R L(as)
nonuanono
nonusnono
nonqanono
nonqsnono
nonjanono
nonjsnono
nonaanono
nonasnono
nonianono
nonisnono
nonlanono
nonlsnono
nonnanono
nonnsnono

(s)R L(ublijphmnr)
nonsunono

nonsbnono
nonsnonon
nonsjnonon
nonslnonon

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
nonxnono

(kvwyzxr)R
L(ublijphmnr)
nonrunono
nonrlnono
nonrjnono
nonrpnono
nonrbnono

nonkunono
nonklnono
nonkjnono
nonkpnono
nonkbnono

nonvunono
nonvlnono
nonvjnono
nonvpnono
nonvbnono

nonzunono
nonzlnono
nonzjnono
nonzpnono
nonzbnono

nonxunono
nonxlnono

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
noncnnono
noncjnonon
nonclnono
noncpnonon

nontunono
nontbnono
nontnonon
nontjnnonon
nontlonon
nontpnnonon
nonfunono
nonfbnono
nonfnnonon
nonfjnnonon
nonflnono
nonfpnnonon
nonrunono
nonrbnono
nonrnnonon
nonrjnnonon
nonrlnono
nonrpnnonon
noneunono
nonebnono
nonenonon
nonejnnonon
nonelonon
nonepnnonon

full round >full round
(bpog)R L (ceodqgđ)

nonocnono
nonoenono
nonognono
nonođnono

nonpdonon
nonoonon

full > small
(bpo)R L(as)
nonoanono
nonpaonon
nonosnono
nonpsonon

(as) R L (ceodqgđ)

nonaonono
nonaenono
nonagnono
nonadnono
nonađnono
nonsonono
nonsenono
nonsgnono
nonsdnono
nonśnono

full > void
(bpog)R L(vwyzx)
nonovnono
nonpvnonon
nonbvnono
nongvnono
nonownono
nonpwnonon
nonbwnono

nongwnono
nonoynono
nonpyonon
nonbynono
nongynono
nonoznono
nonpzonon
nonbznono
nongznono
nonoxnono
nonpxnonon
nonbxnono
nongxnono
nongxnono

(kvwyzx)R L (ceodqgǾ)
nonkonono
nonvonono
nonwoonon
nonyoonon
nonkǾnono
nonvǾnono
nonwǾnonon
nonyǾnonon
nonzǾnonon
nonxǾnonon
nonkdnono
nonvdsnono
nonwdonon
nonydonon
nonzdsnnon

nonxdnonon
nonkgnono
nonvgnono
nonwgonon
nonygonon
nonzgnonon
nonxgnonon
nonkenono
nonvenono
nonweonon
nonyeonon
nonzenonon
nonxenonon

full>open
(bpo)R L(fts)

nonofnono
nonpfonon
nonbfnono
nonotnono
nonptnonon
nonbbtnono
nonosnono
nonpsonon
nonbsnono
nonoanonon
nonpaonon
nonbanono

(ctfre) R L (ceodqgǾ)
noncononon

noncdnonon
noncgnonon
noncǾnonon
nontononon
nontdnnonon
nontgnonon
nontǾnonon
nonfononon
nonfdnonon
nonfgnonon
nonfǾnonon
nonrononon
nonrdsnnonon
nonrgnonon
nonrǾnonon
noneononon
nonednonon
nonegnonon
noneǾnonon

small>small
(s)R L(as)
nonsanonon
nonssnonon

small>void
(s)R L(vwyzx)
nonsvnonon
nonswnnonon
nonsynonon
nonsznnonon
nonsxnnonon

(kvwyzx)R L(as)
nonkanonon
nonksnonon
nonvanonon
nonvsnonon
nonwanonon
nonwsnonon
nonyanonon
nonysnonon
nonzanonon
nonzsnnonon
nonxanonon
nonxsnonon

small>open
(s)R L(fts)
nonsfnnonon
nonstnonon
nonssnonon

(ctfre) R L(as)
noncanonon
noncsnonon
nontanonon
nontsnnonon
nonfanonon
nonfsnonon
nonranonon
nonrsnnonon
noneanonon
nonesnonon

| | | | |
|--------------------|--------------------|------------------|-------------------|
| | nonxxnonon | nontwnonon | nonrtnonon |
| void>void | | nontynonon | nonrsnonon |
| (kvwyzx)R L(vwyzx) | | nontznonon | nonefnonon |
| nonkvnnonon | void>open | nontxnnonon | nonetnonon |
| nonkwnnonon | (kvwyzx)R L(fts) | nonfvnonon | nonesnonon |
| nonkynnonon | nonkfnonon | nonfwnnonon | |
| nonkznnonon | nonktnnonon | nonfynonon | |
| nonkxnnonon | nonksnonon | nonfznnonon | UPPERCASE |
| nonvvnonon | nonvfnonon | nonfxnonon | |
| nonvwnnonon | nonvtnonon | nonrvnonon | straight>straight |
| nonvynnonon | nonvsnonon | nonrwnnonon | (HMNUIJ)R |
| nonvznnonon | nonwfnnonon | nonrynonon | L(HMNUIKLPRBEFÐ) |
| nonvxnonon | nonwtnonon | nonrznnonon | HOHHHHOH |
| nonwvnonon | nonwsnonon | nonrxnonon | HOHHMH OH |
| nonwwnonon | nonyfnnonon | nonevnonon | HOHHNH OH |
| nonwynnonon | nonytnnonon | nonewnonon | HOHHUHOH |
| nonwznnonon | nonysnonon | noneynnonon | HOHHIHOH |
| nonwxnonon | nonzfnnonon | noneznnonon | HOHHKH OH |
| nonyvnonon | nonztnonon | nonexnonon | HOHHLHOH |
| nonywnnonon | nonzsnnonon | | HOHHÐHOH |
| nonyynnonon | nonxfnnonon | open>open | |
| nonyznnonon | nonxtnonon | (ctfre) R L(fts) | HOHMH HOH |
| nonyxnnonon | nonxsnonon | noncfnonon | HOHMMHOH |
| nonzvnonon | | nonctnonon | HOHNMHOH |
| nonzwnnonon | | noncsnonon | HOHMUHOH |
| nonzynnonon | (ctfre) R L(vwyzx) | nontfnnonon | HOHMIHOH |
| nonzznonon | noncvnonon | nonttnnonon | HOHMKHOH |
| nonzxnonon | noncwnnonon | nontsnnonon | HOHMLHOH |
| nonxvnonon | noncynnonon | nonffnnonon | HOHMÐHOH |
| nonxwnnonon | noncznonon | nonftnonon | |
| nonxynnonon | noncxnonon | nonfsnonon | HOHNH HOH |
| nonxznonon | nontvnonon | nonrfnnonon | HOHNMHOH |

HOHNNHOH
HOHNUHOH
HOHNIHOH
HOHNKHOH
HOHNLHOH
HOHNÐHOH

HOHUHHOH
HOHUMHOH
HOHUNHOH
HOHUUHOH
HOHUIHOH
HOHUKHOH
HOHULHOH
HOHUÐHOH

HOHIHHOH
HOHIMHOH
HOHINHOH
HOHIUHOH
HOHIIHOH
HOHIKHOH
HOHILHOH
HOHIÐHOH

HOHJHHOH
HOHJMHOH
HOHJNHOH
HOHJUHOH
HOHJIHOH
HOHJKHOH
HOHJLHOH

HOHJÐHOH

straight>full round
(HMNUIJ)R L (CGOQ)

HOHHOHOH
HOHNOHOH
HOHUOHOH
HOHHCHOH
HOHNCHOH
HOHUCHOH

(DOQF)R
L(HMNUIKLPBEFÐ)

HOHOUHOH
HOHQUHOH
HOHDUHOH
HOHƆUHOH
HOHOHHOH
HOHQHHOH
HOHDHHOH
HOHƆHHOH
HOHOÐHOH
HOHQÐHOH
HOHDÐHOH
HOHƆÐHOH

straight>small round
(HMNUIJ)R L(S)

OHOHSHOH
OHONSHOH
OHOUSHOH

(RBP)R
L(HMNUIKLPBEFÐ)

HOHRHHOH
HOHRNHOH
HOHRUHOH
HOHRÐHOH
HOHBHHOH
HOHBNHOH
HOHBUHOH
HOHBÐHOH
HOHPHHOH
HOHPNHOH
HOHPUHOH
HOHPÐHOH

straight>void
(HMNUIJ)R L(WVYZXA)

HOHHVHOH
HOHNVHOH
HOHUVHOH
HOHHWHOH
HOHNWHOH
HOHUWHOH
HOHHYHOH
HOHNYHOH
HOHUYHOH
HOHHZHOH
HOHNZHOH
HOHUZHOH
HOHHXHOH
HOHNXHOH

HOHUXHOH
HOHHAHOH
HOHNAHOH
HOHUAHOH

(WVYZXAKR)R
L(HMNUIKLPBEF)

HOHWUHOH
HOHWHHOH
HOHVUHOH
HOHVHHOH
HOHYUHOH
HOHYHHOH
HOHZUHOH
HOHZHHOH
HOHXUHOH
HOHXHHOH
HOHAUHOH
HOHAHHOH
HOHKUHOH
HOHKHHOH
HOHRUHOH
HOHRHHOH

straight>open
(HMNUIJ)R L(TJS)

OHOHTHOH
OHONTHOH
OHOUTHOH
OHOHJHOH
OHONJHOH

(DOQ)R L(TJSZ)

HOHDTHOH

НОИРТНОН

HOHOthon

HOHQTHOH

HOH DJHOH

НОНЪНОН

HOHOJHOH

HOHQJHOH

HOHDSHOH

HOHPSHOH

HOHOSH OH

HOHQSHOH

HOHDZHOH

НОИЅНОИ

HOHOZHOH

HOHQZHOH

(CSEFLTZG)R L(CGOQ)

НОНСОНОН

HOH50H0H

НОНЕОНОН

HOHF OHOH

HOHLOH OH

НОНТОНОН

HOH2OH

HOHGOHON

small>small

(RBP)R. I.(S)

HOHRSHOH

HOHBSHOH
HOHPSHOH

small>void
(RBP)R L(WVYZXA)

HOHRWHOH
HOHRVHOH
HOHRYHOH
HOHRZHOH
HOHRXHOH
HOHRAHOH
HOHRÆHOH

HOHBWHOH
HOHBVHOH
HOHBYHOH
HOHBZHOH
HOHBXHOH
HOHBAHOH
HOHBÆHOH

HOHPWHOH
HOHPVHOH
HOHPYHOH
HOHPZHOH
HOHPXHOH
HOHPAHOH
HOHPÆHOH

(WVYZXAKR)R L(S)

HOHWSHOH
HOHVSHOH
HOHYSHOH
HOHZSHOH
HOHXSHOH
HOHASHOH
HOHKSHOH
HOHRSHOH

small>open
(RBP)R L(TJSZ)

HOHRTHOH
HOHRTHOH
HOHRTHOH
HOHRJHOH
HOHRJHOH
HOHRJHOH
HOHRSHOH
HOHRSHOH
HOHRSHOH
HOHRZHOH
HOHRZHOH
HOHRZHOH

HOHBTHOH
HOHBTHOH
HOHBTHOH

HOHBJHOH
HOHBJHOH
HOHBJHOH
HOHBSHOH
HOHBSHOH
HOHBSHOH
HOHBZHOH
HOHBZHOH
HOHBZHOH

HOHPTHOH
HOHPTHOH
HOHPTHOH
HOHPJHOH
HOHPJHOH
HOHPJHOH
HOHPSHOH
HOHPSHOH
HOHPSHOH
HOHPZHOH
HOHPZHOH
HOHPZHOH

(CGSEFLTZ)R L(TJSZ)

HOHCSHOH
HOHGSHOH
HOHSSHOH
HOHESHOH
HOHFSHOH
HOHLSHOH
HOHTSHOH

HOHZSHOH

HOHCTHOH
HOHGTHOH
HOHSTHOH
HOHETHOH
HOHFTHOH
HOHLTHOH
HOHTTHOH
HOHZTHOH

HOHCJHOH
HOHGJHOH
HOHSJHOH
HOHEJHOH
HOHFJHOH
HOHLJHOH
HOHTJHOH
HOHZJHOH

HOHCZHOH
HOHGZHOH
HOHSZHOH
HOHEZHOH
HOHFZHOH
HOHLZHOH
HOHTZHOH
HOHZZHOH

| | | | |
|--|--|--|--|
| void>void (WVYZXA KR)R L(WVYZXA) | HOHZZHOH HZZZH HOHZXHOH HZXZH HOHZAHOH HZAZH | HOHZTHOH HOHZJHOH HOHZSHOH | HOHSYHOH HSYSH HOHSVHOH HSVSH HOHSZHOH HSZSH HOHSXHOH HSXSH HOHSAHOH HSASH |
| | | | |
| | | | |
| HOHWWHOH HWWWH HOHWVHOH HWVWH HOHWYHOH HWYWH HOHWZHOH HWZWH HOHWXHOH HWXWH HOHWAHOH HWAWH HOHWÆHOH HWÆWH | HOHXWHOH HXWXH HOHXVHOH HXVXH HOHXYHOH HXYXH HOHXZHOH HXZXH HOHXXHOH HXXXH HOHXAHOH HXAXH | HOHXTHOH HOHXJHOH HOHXSHOH | HOHEWHOH HOHEYHOH HOHEVHOH HOHEZHOH HOHEXHOH HOHEAHOH |
| | | | |
| | | | |
| HOHVWHOH HVWVH HOHVVHOH HVVVH HOHVVHOH HVVVH HOHVYHOH HVYVH HOHVZHOH HVZVH HOHVXHOH HVXVH HOHVAHOH HVAVH | HOHAWHOH HAWAH HOHAVHOH HAVAH HOHAYHOH HAYAH HOHAZHOH HAZAH HOHAXHOH HAXAH HOHAAHOH HAAAH | HOHATHOH HOHAJHOH HOHASHOH | HOHKTHOH HKTXH HOHKJHOH HKJXH HOHKSHOH HKSXH |
| | | | |
| | | | |
| HOHYWHOH HYWYH HOHYVHOH HYVYH HOHYWHOH HYWYH HOHYVHOH HYVYH HOHYZHOH HYZYH HOHYXHOH HYXYH HOHYAHOH HYAYH | void>open (WVYZXAKR)R L(TJS) | HOHRTHOH HRTXH HOHRJHOH HRJXH HOHRSHOH HRSXH | HOHFWHOH HOHFYHOH HOHFVHOH HOHFZHOH HOHFXHOH HOHFAHOH |
| | | | |
| | | | |
| HOHZWHOH HZWZH HOHZVHOH HZVZH HOHZYHOH HZYZH | HOHWTTHOH HOHWJHOH HOHWSHOH | (CSEFLTZ)R L(WVYZXA) | HOHLWHOH HOHLYHOH HOHLVHOH HOHLZHOH HOHLXHOH HOHLAHOH |
| | | | |
| | | | |
| HOHYTHOH HOHYJHOH HOHYSHOH | HOHVTTHOH HOHVJHOH HOHVSHOH | HOHCWHOH HOHCYHOH HOHCVHOH HOHCZHOH HOHCXHOH HOHCAHOH | HOHTWHOH HTWTH HOHTYHOH HTYTH HOHTVHOH HTVTH HOHTZHOH HTZTH HOHTXHOH HTXTH |
| | | | |
| | | | |
| HOHSWHOH HSWSH | HOHYTHOH HOHYJHOH HOHYSHOH | HOHSWHOH HSWSH | HOHTWHOH HTWTH HOHTYHOH HTYTH HOHTVHOH HTVTH HOHTZHOH HTZTH HOHTXHOH HTXTH |
| | | | |
| | | | |

HOHTAHOH HTATH

HOHZWHOH HZWZH
HOHZYHOH HZYZH
HOHZVHOH HZVZH
HOHZZHOH HZZZH
HOHZXHOH HZXZH
HOHZAHOH HZAZH

open>open
(CSEFLTZ)R L(TJZ)

HOHCTHOH
HOHCJHOH
HOHCSHOH
HOHCZHOH
HOHSTHOH
HOHSJHOH
HOHSSH OH
HOHSZHOH
HOHETHOH
HOHEJHOH
HOHESH OH
HOHEZHOH
HOHF'THOH
HOHF'JHOH
HOHF'SHOH
HOHF'ZHOH
HOHLTHOH
HOHLJHOH
HOHLSHOH

HOHLZHOH
HOHTTTHOH
HOHTJHOH
HOHTSHOH
HOHTZHOH
HOHZTHOH
HOHZJHOH
HOHZSHOH
HOHZZHOH

UPPERCASE >
Lowercase

straight>straight

(HMINUJ)R
L(ublijphmnr)

nonHnnono
nonNnnono
nonUnnnono
nonHunono
nonNunono
nonUunono
nonHbnnono
nonNbnnono
nonUbnnono
nonHjnnono
nonNjnnono
nonUjnnono
nonHinono
nonNinono

nonUinono
nonHjnnono
nonNjnnono
nonUjnnono
nonHpnnono
nonNpnnono
nonUpnnono
nonHhnnono
nonNhnnono
nonUhnnono

straight>full round
(HMINUJ)R L (ceodqgǧ)

nonHonono
nonNonono
nonUonono
nonHdnono
nonNdnono
nonUdnono
nonHgnono
nonNgnono
nonUgnono
nonHǧnnono
nonNǧnnono
nonUǧnnono

(DOQ)R L(ublijphmnr)

nonPunono
nonPbnnono
nonPjnnono

nonPnnono
nonPpnnono
nonDunono
nonDbnnono
nonDjnnono
nonDnnono
nonDpnnono
nonOunono
nonObnnono
nonOjnnono
nonOnnnono
nonOpnnono
nonQunono
nonQbnnono
nonQjnnono
nonQnnono
nonQpnnono

straight>small round
(HMNUIJ)R L(as)

nonHanono
nonNanono
nonUanono
nonHsnono
nonNsnono
nonUsnono

(RBPG)R
L(ublijphmnr)

nonRunono

nonRbnono
nonRjnono
nonRnnono
nonRpnono

nonBunono
nonBbnono
nonBjnono
nonBnnono
nonBpnono

nonPunono
nonPbnono
nonPjnono
nonPnnono
nonPpnono

nonGunono
nonGbnono
nonGjnono
nonGnnono
nonGpnono

straight>void
(HMNUIJ)R L(vwyzx)

nonHvnono
nonNvnono
nonUvnono
nonHwnono
nonNwnono

nonUwnono
nonHynono
nonNynono
nonUynono
nonHznono
nonNznono
nonUznono
nonHxnono
nonNxnono
nonUxnono

(WVYZXAKR)R
L(ublijphmnr)

nonWunono
nonWbnono
nonWjnono
nonWnnono
nonWpnono

nonVunono
nonVbnono
nonVjnono
nonVnnono
nonVpnono

nonYunono
nonYbnono
nonYjnono
nonYnnono
nonYpnono

nonZunono
nonZbnono
nonZjnono
nonZnnono
nonZpnono

nonXunono
nonXbnono
nonXjnono
nonXnnono
nonXpnono

nonAunono
nonAbnono
nonAjnono
nonAnnono
nonApnono

nonKunono
nonKbnono
nonKjnono
nonKnnono
nonKpnono

nonRunono
nonRbnono
nonRjnono
nonRnnono
nonRpnono

straight>open
(HMNUIJ)R L(fts)

nonHfnono
nonNfnono
nonUfnono

nonHtnono
nonNtnono
nonUtnono

nonHsnono
nonNsnono
nonUsnono

(CSEFLTZ)R
L(ublijphmnr)

nonCunono
nonCbnono
nonCjnono
nonCnnono
nonCpnono

nonSunono
nonSbnono
nonSjnono
nonSnnono
nonSpnono

nonEunono
nonEbnono
nonEjnono
nonEnnono

| | | | |
|-----------|--|--------------------------------|----------------------------|
| nonEpnono | full round >full round (DOQ)R L (ceodqgđ) | (RBP)R L (ceodqg) | nonOvnono |
| nonFunono | | nonRonono | nonOwnono |
| nonFbnono | nonDonono | nonRdnono | nonOynono |
| nonFjnono | nonDdnono | nonRgnono | nonOznono |
| nonFnnono | nonDgnono | nonRđnono | nonOxnono |
| nonFpnono | nonDđnono | | |
| | nonFonono | nonBonono | nonQvnono |
| nonLunono | nonFdnono | nonBdnono | nonQwnono |
| nonLbnono | nonFgnono | nonBgnono | nonQynono |
| nonLjnono | nonFđnono | nonBđnono | nonQznono |
| nonLnnono | nonOonono | | nonQxnono |
| nonLpnono | nonOdnono | nonPonono | (WVYZXAKR)R L (ceodqgđ) |
| | nonOgnono | nonPdnono | |
| nonTunono | nonOđnono | nonPgnono | nonWonono |
| nonTbnono | nonQonono | nonPđnono | nonWdnono |
| nonTjnono | nonQdnono | | nonWgnono |
| nonTnnono | nonQgnono | full > void (DOQ)R L(vwyzx) | nonWđnono |
| nonTpnono | nonQđnono | | |
| | | nonDvnono | nonVonono |
| nonZunono | full > small (DOQ)R L(as) | nonDwnono | nonVdnono |
| nonZbnono | | nonDynono | nonVgnono |
| nonZjnono | nonDanono | nonDznono | nonVđnono |
| nonZnnono | nonDsnono | nonDxnono | |
| nonZpnono | nonFanono | | nonYonono |
| | nonFsnono | nonFvnono | nonYdnono |
| nonZhnono | nonOanono | nonFwnono | nonYgnono |
| nonZhnono | nonOsnono | nonFynono | nonYđnono |
| nonZhnono | nonQanono | nonFznono | |
| nonZhnono | nonQsnono | nonFxnono | nonZonono |
| | | | nonZdnono |

| | | | | | |
|---------------|--------------|---------------|-------------|----------------|-------------|
| nonZgnono | nonDtnono | nonFðnono | L(vwyzx) | nonYanono | (CSEFLTZ)R |
| nonZðnono | nonDsnono | | nonRvnono | nonYsnono | L(as) |
| | | nonLonono | nonRwnono | nonZanono | |
| nonZonono | nonOfnono | nonLdnono | nonRynono | nonZsnono | nonCsnono |
| nonZdnono | nonOtnono | nonLgnono | nonRznono | nonXanono | nonCanono |
| nonZgnono | nonOsnono | nonLðnono | nonRxnono | nonXsnono | nonSsnono |
| nonZðnono | | | | nonAanono | nonSanono |
| | nonQfnono | nonTonono | nonBvnono | nonĀsnono | nonEsnono |
| nonXonono | nonQtnono | nonTdnono | nonBwnono | nonKanono | nonEanono |
| nonXdnono | nonQsnono | nonTgnono | nonBynono | nonKsnono | nonFsnono |
| nonXgnono | | nonTðnono | nonBznono | nonRanono | nonFanono |
| nonXðnono | (CSEFLTZ)R L | | nonBxnono | nonRsnono | nonLsnono |
| | (ceodqgð) | nonZonono | | | nonLanono |
| nonAonono | | nonZdnono | nonPvnono | small>open | nonTsnono |
| nonAdnono | nonConono | nonZgnono | nonPwnono | (RBPG)R L(fts) | nonTanono |
| nonAgnono | nonCdnono | nonZðnono | nonPynono | | nonZsnono |
| nonAðnono | nonCgnono | | nonPznono | nonRfnono | nonZanono |
| | nonCðnono | small>small | nonPxnono | nonRtnono | |
| nonKonono | | (RBPG)R L(as) | | nonRsnono | void>void |
| nonKdnono | nonSonono | | nonGvnono | | (WVYZXAKR)R |
| nonKgnono | nonSdnono | nonRanono | nonGwnono | nonBfnono | L(vwyzx) |
| nonKðnono | nonSgnono | nonRsnono | nonGynono | nonBtnono | |
| | nonSðnono | nonBanono | nonGznono | nonBsnono | nonWvnono |
| nonRonono | | nonBsnono | nonGxnono | | nonWwnono |
| nonRdnono | nonEonono | nonPanono | | nonPfnono | nonWynono |
| nonRgnono | nonEdnono | nonPsnono | (WVYZXAKR)R | nonPtnono | nonWznono |
| nonRðnono | nonEgnono | nonGanono | L(as) | nonPsnono | nonWxnono |
| | nonEðnono | nonGsnono | | | |
| full>open | | | nonWanono | nonGfnono | nonVvnono |
| (DOQ)R L(fts) | nonFonono | | nonWsnono | nonGtnono | nonVwnono |
| | nonFdnono | small>void | nonVanono | nonGsnono | nonVynono |
| nonDfnono | nonFgnono | (RBPG)R | nonVsnono | | nonVznono |

nonVxnono

nonYvnono
nonYwnono
nonYynono
nonYznono
nonYxnono

nonZvnono
nonZwnono
nonZynono
nonZznono
nonZxnono

nonXvnono
nonXwnono
nonXynono
nonXznono
nonXxnono

nonAvnono
nonAwnono
nonAynono
nonAznono
nonAxnono

nonKvnono
nonKwnono
nonKynono
nonKznono
nonKxnono

nonRvnono
nonRwnono
nonRynono
nonRznono
nonRxnono

void>open
(WVYZXAKR)R L(fts)

nonWfnono
nonWtnono
nonWsnono
nonVfnono
nonVtnono
nonVsnono
nonYfnono
nonYtnono
nonYsnono
nonZfnono
nonZtnono
nonZsnono
nonXfnono
nonXtnono
nonXsnono
nonAfnono
nonAtnono
nonAsnono
nonKfnono
nonKtnono
nonKsnono
nonRfnono
nonRtnono

nonRsnono

(CSEFLTZ)R L(vwyzx)

nonCvnono
nonCwnono
nonCynono
nonCznono
nonCxnono

nonSvnono
nonSwnono
nonSynono
nonSznono
nonSxnono

nonEvnono
nonEwnono
nonEynono
nonEznono
nonExnono

nonFvnono
nonFwnono
nonFynono
nonFznono
nonFxnono

nonLvnono
nonLwnono
nonLynono
nonLznono

nonLxnono

nonTvnono
nonTwnono
nonTynono
nonTznono
nonTxnono

nonZvnono
nonZwnono
nonZynono
nonZznono
nonZxnono

open>open
(CSEFLTZ)R L(fts)

nonCfnono
nonCtnono
nonCsnono
nonSfnono
nonStnono
nonSsnono
nonEfnono
nonEtnono
nonEsnono
nonFfnono
nonFtnono
nonFsnono
nonLfnono
nonLtnono
nonLsnono

nonTfnono
nonTtnono
nonTsnono
nonZfnono
nonZtnono
nonZsnono

Lowercase >
UPPERCASE

straight>full round
(udlijqhmna)R L
(CGOQ)

nonnOnono
nonqOnono
noniOnono
nonjOnono
nonuOnono
nonaOnono

(bpo)R
L(HMNUIKLPRBEFÐ)

nonoHnono
nonpHnono
nonbHnono
nonðHnono
nonoUnono
nonpUnono
nonbUnono
nonðUnono

nonoÐnono
nonpÐnono
nonbÐnono
nonðÐnono

straight>small round
(udlijgqhmna)R L(S)

nonnSnono
nonqSnono
noniSnono
nonjSnono
nonuSnono
nonaSnono

(s)R
L(HMNUIKLPRBEF)

nonsHnono
nonsUnono

straight>void
(udlijgqhmna)R
L(WVYZXA)

nonnWnono
nonqWnono
noniWnono
nonjWnono
nonuWnono
nonaWnono

nonnVnono
nonqVnono
noniVnono
nonjVnono
nonuVnono
nonaVnono

nonnYnono
nonqYnono
noniYnono
nonjYnono
nonuYnono
nonaYnono

nonnZnono
nonqZnono
noniZnono
nonjZnono
nonuZnono
nonaZnono

nonnXnono
nonqXnono
noniXnono
nonjXnono
nonuXnono
nonaXnono

nonnAnono
nonqAnono
noniAnono
nonjAnono

nonuAnono
nonaAnono

(kvwyzx)R
L(HMNUIKLPRBEFÐ)

nonkHnono
nonkUnono
nonkÐnono
nonvHnono
nonvUnono
nonvÐnono
nonwHnono
nonwUnono

nonwÐnono
nonyHnono
nonyUnono
nonyÐnono
nonzHnono
nonzUnono
nonzÐnono
nonxHnono
nonxUnono
nonxÐnono

straight>open
(udlijgqhmna)R L(TJS)

nonnTnono
nonqTnono
noniTnono
nonjTnono

| | | | |
|---|---|---|---|
| <div>nonuTnono</div> <div>nonaTnono</div> | <div>(bpoe)R L(CGOQ)</div> | <div>nonbYnono</div> <div>nonďYnono</div> <div>nonoZnono</div> <div>nonpZnono</div> <div>nonbZnono</div> <div>nonďZnono</div> <div>nonoXnono</div> <div>nonpXnono</div> <div>nonbXnono</div> <div>nonďXnono</div> <div>nonoAnono</div> <div>nonpAnono</div> <div>nonbAnono</div> <div>nonďAnono</div> | <div>(ctfr) R L(CGOQ)</div> |
| <div>nonnJnono</div> <div>nonqJnono</div> <div>noniJnono</div> <div>nonjJnono</div> <div>nonuJnono</div> <div>nonaJnono</div> | <div>nonoOonono</div> <div>nonpOonono</div> <div>nonbOonono</div> | | <div>noncOnono</div> <div>nonfOnono</div> <div>nontOnono</div> <div>nonrOnono</div> |
| <div>nonnSnono</div> <div>nonqSnono</div> <div>noniSnono</div> <div>nonjSnono</div> <div>nonuSnono</div> <div>nonaSnono</div> | <div>full > small</div> <div>(bpo)R L(S)</div> | | <div>small>small</div> <div>(s)R L(S)</div> |
| <div>(ctfr) R</div> <div>L(HMNUIKLPRBEF)</div> | <div>nonoSnono</div> <div>nonpSnono</div> <div>nonbSnono</div> | | <div>nonsSsnono</div> |
| <div>noncHnono</div> <div>noncUnono</div> <div>nonfHnono</div> <div>nonfUnono</div> <div>nontHnono</div> <div>nontUnono</div> <div>nonrHnono</div> <div>nonrUnono</div> | <div>(as) R L(CGOQ)</div> | <div>full>open</div> <div>(bpoď)R L(TJS)</div> | <div>small>void</div> <div>(s)R L(WVYZXA)</div> |
| | <div>nonaOnono</div> <div>nonsOnono</div> | | <div>nonsWnono</div> <div>nonsVnono</div> <div>nonsYnono</div> <div>nonsZnono</div> <div>nonsXnono</div> <div>nonsAnono</div> |
| | <div>full > void</div> <div>(bpoď)R L(WVYZXA)</div> <div>(kvwyꝑ)R L(CGOQ)</div> | <div>nonoTnono</div> <div>nonpTnono</div> <div>nonbTnono</div> <div>nonďTnono</div> | <div>(kvwyꝑ)R L(S)</div> |
| | <div>nonoWnono</div> <div>nonpWnono</div> <div>nonbWnono</div> <div>nonďWnono</div> <div>nonoVnono</div> <div>nonpVnono</div> <div>nonbVnono</div> <div>nonďVnono</div> <div>nonoYnono</div> <div>nonpYnono</div> | <div>nonoJnono</div> <div>nonpJnono</div> <div>nonbJnono</div> <div>nonďJnono</div> | |
| <div>full round >full round</div> | | <div>nonoSnono</div> <div>nonpSnono</div> <div>nonbSnono</div> <div>nonďSnono</div> | <div>nonkSnono</div> <div>nonvSnono</div> <div>nonwSnono</div> <div>nonySnono</div> <div>nonzSnono</div> <div>nonxSnono</div> |

small>open
(s)R L(TJS)

nonsTsnono
nonsJnono
nonsSsnono

(ctfr) R L(S)

noncSnono
nontSnono
nonfSnono
nonrSnono

void>void
(kvwyzx)R L(WVYZXA)

nonkWnono
nonvWnono
nonwWnono
nonyWnono
nonzWnono
nonxWnono

nonkVnono
nonvVnono
nonwVnono
nonyVnono
nonzVnono
nonxVnono

nonkYnono

nonvYnono
nonwYnono
nonyYnono
nonzYnono
nonxYnono

nonkZnono
nonvZnono
nonwZnono
nonyZnono
nonzZnono
nonxZnono

nonkXnono
nonvXnono
nonwXnono
nonyXnono
nonzXnono
nonxXnono

nonkAnono
nonvAnono
nonwAnono
nonyAnono
nonzAnono
nonxAnono

void>open
(kvwyzx)R L(TJS)

nonkTnono
nonvTnono

nonwTnono
nonyTnono
nonzTnono
nonxTnono

nonkJnono
nonvJnono
nonwJnono
nonyJnono
nonzJnono
nonxJnono

nonkSnono
nonvSnono
nonwSnono
nonySnono
nonzSnono
nonxSnono

(ctfr) R L(WVYZXA)

noncWnono
nontWnono
nonfWnono
nonrWnono

noncVnono
nontVnono
nonfVnono
nonrVnono

noncYnono

nontYnono
nonfYnono
nonrYnono

noncZnono
nontZnono
nonfZnono
nonrZnono

noncXnono
nontXnono
nonfXnono
nonrXnono

noncAnono
nontAnono
nonfAnono
nonrAnono

open>open
(ctfr) R L(TJS)

noncTnono
nontTnono
nonfTnono
nonrTnono

noncJnono
nontJnono
nonfJnono
nonrJnon

| | | | |
|---------------------|----------------------|------------------------|-------------------------|
| | | 112111 | 119611 |
| noncSnono | | | |
| nontSnono | straight>small round | 007100 | 000000 |
| nonfSnono | (1) R L(98) | 002100 | 000600 |
| nonrSnono | | | 009000 |
| | 001900 | straight>open | 009600 |
| | 001800 | (1) R L(239) | |
| Figures | | | full round >small round |
| | 111911 | 111211 | |
| straight > straight | 111811 | 111311 | (09) R L(98) |
| 001100 | | 111911 | |
| 111111 | (8356) R L (1) | | 110911 |
| HH11HH | | 001200 | 110811 |
| nn11nn | 008100 | 001300 | 119911 |
| | 003100 | 001900 | 119811 |
| straight>full round | 005100 | | |
| (1) R L (06) | 006100 | (654)R L(1) | 000900 |
| | | | 000800 |
| 001000 | 118111 | 116111 | 009900 |
| 001600 | 113111 | 115111 | 009800 |
| | 115111 | 114111 | |
| 111011 | 116111 | | L(98) L (06) |
| 111611 | | 006100 | |
| | straight>void | 005100 | 119011 |
| | (1) R L(4) | 004100 | 119611 |
| (09) R L (1) | | | 118011 |
| | 111411 | full round >full round | 118611 |
| 009100 | 001400 | (09) R L (06) | |
| 000100 | | | 009000 |
| | (72)R L (1) | 110011 | 009600 |
| 119111 | | 110611 | 008000 |
| 110111 | 117111 | 119011 | 008600 |

| | | | |
|-----------------------|-------------------------|------------------------|------------------------|
| | | 115811 | 117811 |
| full > void | 000200 | 116911 | 112811 |
| (09) R L(4) | 000300 | 116811 | |
| | 000900 | | 007900 |
| 110411 | 009200 | 008900 | 002900 |
| 119411 | 009300 | 008800 | 007800 |
| | 009900 | 003900 | 002800 |
| 000400 | | 003800 | |
| 009400 | (654)R L (06) | 005900 | small > open |
| | | 005800 | (8356) R L(239) |
| | 116011 | 006900 | |
| (72)R L (06) | 116611 | 006800 | 118211 |
| | 115011 | | 118311 |
| 117011 | 115611 | | 118911 |
| 117611 | 114011 | small > void | |
| 112011 | 114611 | (8356) R L(4) | 113211 |
| 112611 | | | 113311 |
| | 006000 | 118411 | 113911 |
| 007000 | 006600 | 113411 | |
| 007600 | 005000 | 115411 | 115211 |
| 002000 | 005600 | 116411 | 115311 |
| 002600 | 004000 | | 115911 |
| | 004600 | 008400 | |
| full > open | | 003400 | 116211 |
| (09) R L(239) | small > small | 005400 | 116311 |
| | (8356) R L(98) | 006400 | 116911 |
| 110211 | 118911 | | 008200 |
| 110311 | 118811 | (72)R L(98) | 008300 |
| 110911 | 113911 | | 008900 |
| 119211 | 113811 | 117911 | |
| 119311 | 115911 | 112911 | 003200 |
| 119911 | | | |

003300
003900

117411
112411

005400
004400

jj, jy, qj, qg, gg, gp, gy,
fh, fk, fl, fb, fi, fj, ff, ft

005200
005300
005900

007400
002400

open > open
(654)R L(239)

L4 F7 6T T7

006200
006300
006900

void > open
(72)R L(239)

116211
116311
116911
115211
115311
115911
114211
114311
114911

(654)R L(98)

117211
117311
117911
112211
112311
112911

116911
116811
115911
115811
114911
114811

007200
007300
007900
002200
002300
002900

006200
006300
006900
005200
005300
005900
004200
004300
004900

006900
006800
005900
005800
004900
004800

(654)R L(4)

collisions U>L & L>U

void > void
(72)R L(4)

116411
115411
114411

006400

fT fY
Qj Qy Qp Qj F1 tA gT gV
gX

