LOWERCASE

straight>straight
(udlijqhmna)R
L(ublijphmnr)

nonnnnono
nonnunono
nonnbnono
nonninono
nonnjnono
nonnpnono
nonuunono
nonubnono
nonuinono
nonujnono
nonupnono
nonunnono
nonqunono
nonqbnono
nonqinono
nonqjnono
nonqpnono
nonqnnono
nonjunono
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
(ceodągð)

nonuonono
nonugnono
nonuðnono
nonqonono
nonqgnono
nonqðnono
nonjonono
nonjgnono
nonjðnono
nonionono
nonignono

noniðnono
nonnonono
nonngnono
nonnðnono
nononono

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

straight>small round
(udlijqhmna)R L(as)
nonuanono
nonusnono
nonąanono
nonąsnono
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	nonxjnono	nontbnono	nonooonon
nonznono	nonxpnono	nontnonon	
nonxnono	nonxbnono	nontjnonon	full > small
		nontlonon	(bpo)R L(as)
(kvwyzxr)R	straight>open	nontpnonon	nonoanono
L(ublijphmnr)	(udlijgqhmna)R L(afts)	nonfunono	nonpaonon
nonrunono	nonufnono	nonfbnono	nonosnono
nonrlnono	nonuanono	nonfnonon	nonpsonon
nonrjnono	nonutnono	nonfjnonon	
nonrpnono	nonusnono	nonflonon	(as) R L (ceodɑgð)
nonrbnono	nonqfnono	nonfpnonon	
	nonqanono	nonrunono	nonaonono
nonkunono	nonqtnono	nonrbnono	nonaenono
nonklnono	nonqsnono	nonrnonon	nonagnono
nonkjnono	nonjfnono	nonrjnonon	nonadnono
nonkpnono	nonjanono	nonrlonon	nonaðnono
nonkbnono	nonjtnono	nonrpnonon	nonsonono
	nonjsnono	noneunono	nonsenono
nonvunono	nonnfnon	nonebnono	nonsgnono
nonvlnono	nonnanon	nonenonon	nonsdnono
nonvjnono	nonntnon	nonejnonon	nonsðnono
nonvpnono	nonnsnon	nonelonon	
nonvbnono		nonepnonon	full > void
	(ctfre) R L(ublijphmnr)		(bpog)R L(vwyzx)
nonzunono		full round >full round	nonovnono
nonzlnono	noncunono	(bpo)R L (ceodɑgð)	nonpvonon
nonzjnono	noncbnono		nonbvnono
nonzpnono	noncnonon	nonocnono	nongvnono
nonzbnono	noncjnonon	nonoenono	nonownono
	nonclonon	nonognono	nonpwonon
nonxunono	noncpnonon	nonoðnono	nonbwnono
nonxlnono	nontunono	nonpdonon	nongwnono

nonoynono   nonkgnono   noncgnonon   (kvwyzx)R L(as)

nonpyonon   nonvgnono   noncǒnonon   nonkanonon

nonbynono   nonwgonon   nontononon   nonksnonon

nongynono   nonygonon   nontdnonon   nonvanonon

nonoznono   nonzgnonon   nontgnonon   nonvsnonon

nonpzonon   nonxgnonon   nontǒnonon   nonwanonon

nonbznono   nonkenono   nonfononon   nonwsnonon

nongznono   nonvenono   nonfdnonon   nonyanonon

nonoxnono   nonweonon   nonfgnonon   nonysnonon

nonpxonon   nonyeonon   nonfǒnonon   nonzanonon

nonbxnono   nonzenonon   nonrononon   nonzsnonon

nongxnono   nonxenonon   nonrdnonon   nonxanonon

nongxnono   nonrgnonon   nonxsnonon

                     full>open   nonrǒnonon

                     (bpo)R L(fts)   noneononon   small>open

(kvwyzx)R L (ceodɋgǒ)   nonednonon   (s)R L(fts)

nonkonono   nonofnono   nonegnonon   nonsfnonon

nonvonono   nonpfonon   noneǒnonon   nonstnonon

nonwoonon   nonbfnono   nonssnonon

nonyoonon   nonotnono   small>small

nonkǒnono   nonptonon   (s)R L(as)   (ctfre) R L(as)

nonvǒnono   nonbtnono   nonsanonon   noncanonon

nonwǒonon   nonosnono   nonssnonon   noncsnonon

nonyǒonon   nonpsonon   nontanonon

nonzǒnonon   nonbsnono   small>void   nontsnonon

nonxǒnonon   nonoanono   (s)R L(vwyzx)   nonfanonon

nonkdnono   nonpaonon   nonsvnonon   nonfsnonon

nonvdnono   nonbanono   nonswnonon   nonranonon

nonwdonon   nonsynonon   nonrsnonon

nonydonon   (ctfre) R L (ceodɋgǒ)   nonsznonon   noneanonon

nonzdnonon   noncononon   nonsxnonon   nonesnonon

nonxdnonon   noncdnonon

void>void
(kvwyzx)R L(vwyzx)

nonkvnonon

nonkwnonon

nonkynonon

nonkznonon

nonkxnonon

nonvvnonon

nonvwnonon

nonvynonon

nonvznonoÐ

nonvxnonon

nonwvnonon

nonwwnonon

nonwynonon

nonwznonon

nonwxnonon

nonyvnonon

nonywnonon

nonyynonon

nonyznonon

nonyxnonon

nonzvnonon

nonzwnonon

nonzynonon

nonzznonon

nonzxnonon

nonxvnonon

nonxwnonon

nonxynonon

nonxznonon

nonxxnonon

void>open
(kvwyzx)R L(fts)

nonkfnonon

nonktnonon

nonksnonon

nonvfnonon

nonvtnonon

nonvsnonon

nonwfnonon

nonwtnonon

nonwsnonon

nonyfnonon

nonytnonon

nonysnonon

nonzfnonon

nonztnonon

nonzsnonon

nonxfnonon

nonxtnonon

nonxsnonon

(ctfre) R L(vwyzx)

noncvnonon

noncwnonon

noncynonon

noncznonon

noncxnonon

nontvnonon

nontwnonon

nontynonon

nontznonon

nontxnonon

nonfvnonon

nonfwnonon

nonfynonon

nonfznonon

nonfxnonon

nonrvnonon

nonrwnonon

nonrynonon

nonrznonon

nonrxnonon

nonevnonon

nonewnonon

noneynonon

noneznonon

nonexnonon

open>open
(ctfre) R L(fts)

noncfnonon

nonctnonon

noncsnonon

nontfnonon

nonttnonon

nontsnonon

nonffnonon

nonftnonon

nonfsnonon

nonrfnonon

nonrtnonon

nonrsnonon

nonefnonon

nonetnonon

nonesnonon

UPPERCASE

straight>straight
(HMNUIJ)R
L(HMNUIKLPRBEFÐ)

HOHHHHOH

HOHHMHOH

HOHHNHOH

HOHHUHOH

HOHHIHOH

HOHHKHOH

HOHHLHOH

HOHHÐHOH

HOHMHHOH

HOHMMHOH

HOHMNHOH

HOHMUHOH

HOHMIHOH

HOHMKHOH

HOHMLHOH

HOHMÐHOH

HOHNHHOH

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

(DOQÞ)R

L(HMNUIKLPRBEFÐ)

HOHOUHOH

HOHQUHOH

HOHDUHOH

HOHÞUHOH

HOHOHHOH

HOHQHHOH

HOHDHHOH

HOHÞHHOH

HOHOÐHOH

HOHQÐHOH

HOHDÐHOH

HOHÞÐHOH

straight>small round

(HMNUIJ)R L(S)

OHOHSHOH

OHONSHOH

OHOUSHOH

(RBP)R

L(HMNUIKLPRBEFÐ)

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(HMNUIKLPRBEF)

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

OHOUJHOH

OHOHSHOH	full round >full round	HOHOVHOH	HOHDTHOH
OHONSHOH	(DOQÞ)R L(CGOQ)	HOHQVHOH	HOHÞTHOH
OHOUSHOH	HOHÞOHOH	HOHDYHOH	HOHOTHOH
	HOHDOHOH	HOHÞYHOH	HOHQTHOH
(CGSEFLTZ)R	HOHDCHOH	HOHOYHOH	HOHDJHOH
L(HMNUIKLPRBEFÐ)	HOHDQHOH	HOHQYHOH	HOHÞJHOH
HOHCUHOH	HOHQOHOH	HOHÞZHOH	HOHOJHOH
HOHCHHOH	HOHQCHOH	HOHDZHOH	HOHQJHOH
HOHCÐHOH	HOHQQHOH	HOHOZHOH	HOHDSHOH
HOHGUHOH		HOHQZHOH	HOHÞSHOH
HOHGHHOH	full > small	HOHÞXHOH	HOHOSHOH
HOHGÐHOH	(DOQÞ)R L(S)	HOHDXHOH	HOHQSHOH
HOHSUHOH		HOHOXHOH	HOHDZHOH
HOHSHHOH	HOHÞSHOH	HOHQXHOH	HOHÞZHOH
HOHSÐHOH	HOHDSHOH	HOHÞAHOH	HOHOZHOH
HOHEUHOH	HOHOSHOH	HOHDAHOH	HOHQZHOH
HOHEHHOH	HOHQSHOH	HOHOAHOH	
HOHEÐHOH		HOHQAHOH	(CSEFLTZG)R L(CGOQ)
HOHFUHOH	(RBP)R L(CGOQ)		HOHCOHOH
HOHFHHOH	HOHROHOH	(WVYZXAKR)R L(CGOQ)	HOHSOHOH
HOHFÐHOH	HOHBOHOH	HOHWOHOH	HOHEOHOH
HOHLUHOH	HOHPOHOH	HOHVOHOH	HOHFOHOH
HOHLHHOH		HOHYOHOH	HOHLOHOH
HOHLÐHOH	full > void	HOHZOHOH	HOHTOHOH
HOHTUHOH	(DOQÞ)R L(WVYZXA)	HOHXOHOH	HOHZOHOH
HOHTHHOH		HOHAOHOH	HOHGOHOH
HOHTÐHOH	HOHDWHOH	HOHKOHOH	
HOHZUHOH	HOHÞWHOH	HOHROHOH	small>small
HOHZHHOH	HOHOWHOH		(RBP)R L(S)
HOHZÐHOH	HOHQWHOH	full>open	HOHRSHOH
	HOHÞVHOH	(DOQ)R L(TJSZ)	HOHBSHOH
	HOHDVHOH		

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)

HOHWWHOH HWWWH

HOHWVHOH HWVWH

HOHWYHOH HWYWH

HOHWZHOH HWZWH

HOHWXHOH HWXWH

HOHWAHOH HWAWH

HOHWÆHOH HWÆWH

HOHVWHOH HVWVH

HOHVVHOH HVVVH

HOHVYHOH HVYVH

HOHVZHOH HVZVH

HOHVXHOH HVXVH

HOHVAHOH HVAVH

HOHYWHOH HYWYH

HOHYVHOH HYVYH

HOHYYHOH HYYYH

HOHYZHOH HYZYH

HOHYXHOH HYXYH

HOHYAHOH HYAYH

HOHZWHOH HZWZH

HOHZVHOH HZVZH

HOHZYHOH HZYZH

HOHZZHOH HZZZH

HOHZXHOH HZXZH

HOHZAHOH HZAZH

HOHXWHOH HXWXH

HOHXVHOH HXVXH

HOHXYHOH HXYXH

HOHXZHOH HXZXH

HOHXXHOH HXXXH

HOHXAHOH HXAXH

HOHAWHOH HAWAH

HOHAVHOH HAVAH

HOHAYHOH HAYAH

HOHAZHOH HAZAH

HOHAXHOH HAXAH

HOHAAHOH HAAAH

void>open

(WVYZXAKR)R L(TJS)

HOHWTHOH

HOHWJHOH

HOHWSHOH

HOHVTHOH

HOHVJHOH

HOHVSHOH

HOHYTHOH

HOHYJHOH

HOHYSHOH

HOHZTHOH

HOHZJHOH

HOHZSHOH

HOHXTHOH

HOHXJHOH

HOHXSHOH

HOHATHOH

HOHAJHOH

HOHASHOH

HOHKTHOH HKTXH

HOHKJHOH HKJXH

HOHKSHOH HKSXH

HOHRTHOH HRTXH

HOHRJHOH HRJXH

HOHRSHOH HRSXH

(CSEFLTZ)R

L(WVYZXA)

HOHCWHOH

HOHCYHOH

HOHCVHOH

HOHCZHOH

HOHCXHOH

HOHCAHOH

HOHSWHOH HSWSH

HOHSYHOH HSYSH

HOHSVHOH HSVSH

HOHSZHOH HSZSH

HOHSXHOH HSXSH

HOHSAHOH HSASH

HOHEWHOH

HOHEYHOH

HOHEVHOH

HOHEZHOH

HOHEXHOH

HOHEAHOH

HOHFWHOH

HOHFYHOH

HOHFVHOH

HOHFZHOH

HOHFXHOH

HOHFAHOH

HOHLWHOH

HOHLYHOH

HOHLVHOH

HOHLZHOH

HOHLXHOH

HOHLAHOH

HOHTWHOH HTWTH

HOHTYHOH HTYTH

HOHTVHOH HTVTH

HOHTZHOH HTZTH

HOHTXHOH HTXTH

HOHTAHOH HTATH

	HOHTTHOH	nonHjnono	nonÞpnono
HOHZWHOH HZWZH	HOHTJHOH	nonNjnono	nonDunono
HOHZYHOH HZYZH	HOHTSHOH	nonUjnono	nonDbnono
HOHZVHOH HZVZH	HOHTZHOH	nonHpnono	nonDjnono
HOHZZHOH HZZZH	HOHZTHOH	nonNpnono	nonDnnono
HOHZXHOH HZXZH	HOHZJHOH	nonUpnono	nonDpnono
HOHZAHOH HZAZH	HOHZSHOH	nonHhnono	nonOunono
	HOHZZHOH	nonNhnono	nonObnono
		nonUhnono	nonOjnono
open>open	UPPERCASE >		nonOnnono
(CSEFLTZ)R L(TJZ)	Lowercase	straight>full round	nonOpnono
		(HMINUJ)R L (ceodɋgð)	nonQunono
HOHCTHOH	straight>straight		nonQbnono
HOHCJHOH		nonHonono	nonQjnono
HOHCSHOH	(HMINUJ)R	nonNonono	nonQnnono
HOHCZHOH	L(ublijphmnr)	nonUonono	nonQpnono
HOHSTHOH		nonHdnono	
HOHSJHOH	nonHnnono	nonNdnono	
HOHSSHOH	nonNnnono	nonUdnono	straight>small round
HOHSZHOH	nonUnnono	nonHgnono	(HMNUIJ)R L(as)
HOHETHOH	nonHunono	nonNgnono	nonHanono
HOHEJHOH	nonNunono	nonUgnono	nonNanono
HOHESHOH	nonUunono	nonHǒnono	nonUanono
HOHEZHOH	nonHbnono	nonNǒnono	nonHsnono
HOHFTHOH	nonNbnono	nonUǒnono	nonNsnono
HOHFJHOH	nonUbnono		nonUsnono
HOHFSHOH	nonHjnono	(DOQ)R L(ublijphmnr)	
HOHFZHOH	nonNjnono		(RBPG)R
HOHLTHOH	nonUjnono	nonÞunono	L(ublijphmnr)
HOHLJHOH	nonHinono	nonÞbnono	
HOHLSHOH	nonNinono	nonÞjnono	nonRunono
HOHLZHOH	nonUinono	nonÞnnono	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

(DOQ)R L (ceodɑgð)

nonFunono

nonFbnono   nonDonono

nonFjnono   nonDdnono

nonFnnono   nonDgnono

nonFpnono   nonDǒnono

                                nonÞonono

nonLunono   nonÞdnono

nonLbnono   nonÞgnono

nonLjnono   nonÞǒnono

nonLnnono   nonOonono

nonLpnono   nonOdnono

                                nonOgnono

nonTunono   nonOǒnono

nonTbnono   nonQonono

nonTjnono   nonQdnono

nonTnnono   nonQgnono

nonTpnono   nonQǒnono

nonZunono   full > small

nonZbnono   (DOQ)R L(as)

nonZjnono

nonZnnono   nonDanono

nonZpnono   nonDsnono

                                nonÞanono

nonZhnono   nonÞsnono

nonZhnono   nonOanono

nonZhnono   nonOsnono

nonZhnono   nonQanono

nonZhnono   nonQsnono

full round >full round (RBP)R L (ceodɑg)

nonRonono   nonOwnono

nonRdnono   nonOynono

nonRgnono   nonOznono

nonRǒnono   nonOxnono

nonBonono   nonQvnono

nonBdnono   nonQwnono

nonBgnono   nonQynono

nonBǒnono   nonQznono

                                nonQxnono

nonPonono   (WVYZXAKR)R L

nonPdnono   (ceodɑgð)

nonPgnono

nonPǒnono   nonWonono

                                nonWdnono

full > void   nonWgnono

(DOQ)R L(vwyzx)   nonWǒnono

nonDvnono   nonVonono

nonDwnono   nonVdnono

nonDynono   nonVgnono

nonDznono   nonVǒnono

nonDxnono

                                nonYonono

nonÞvnono   nonYdnono

nonÞwnono   nonYgnono

nonÞynono   nonYǒnono

nonÞznono

nonÞxnono   nonZonono

                                nonZdnono

nonOvnono   nonZgnono

nonŽonono   nonDsnono   nonRvnono   nonYsnono   L(as)

                              nonLonono   nonRwnono   nonZanono

nonZonono   nonOfnono   nonLdnono   nonRynono   nonZsnono   nonCsnono

nonZdnono   nonOtnono   nonLgnono   nonRznono   nonXanono   nonCanono

nonZgnono   nonOsnono   nonLǒnono   nonRxnono   nonXsnono   nonSsnono

nonŽonono   nonAanono   nonSanono

                              nonQfnono   nonTonono   nonBvnono   nonAsnono   nonEsnono

nonXonono   nonQtnono   nonTdnono   nonBwnono   nonKanono   nonEanono

nonXdnono   nonQsnono   nonTgnono   nonBynono   nonKsnono   nonFsnono

nonXgnono   nonTǒnono   nonBznono   nonRanono   nonFanono

nonX̌onono   (CSEFLTZ)R L   nonBxnono   nonRsnono   nonLsnono

            (ceodɋgǒ)   nonZonono   nonLanono

nonAonono   nonZdnono   nonPvnono   small>open   nonTsnono

nonAdnono   nonConono   nonZgnono   nonPwnono   (RBPG)R L(fts)   nonTanono

nonAgnono   nonCdnono   nonZǒnono   nonPynono   nonZsnono

nonǍonono   nonCgnono   nonPznono   nonRfnono   nonZanono

            nonČonono   small>small   nonPxnono   nonRtnono

nonKonono   (RBPG)R L(as)   nonRsnono   void>void

nonKdnono   nonSonono   nonGvnono   (WVYZXAKR)R

nonKgnono   nonSdnono   nonRanono   nonGwnono   nonBfnono   L(vwyzx)

nonKǒnono   nonSgnono   nonRsnono   nonGynono   nonBtnono

            nonŠonono   nonBanono   nonGznono   nonBsnono   nonWvnono

nonRonono   nonBsnono   nonGxnono   nonWwnono

nonRdnono   nonEonono   nonPanono   nonPfnono   nonWynono

nonRgnono   nonEdnono   nonPsnono   (WVYZXAKR)R   nonPtnono   nonWznono

nonRǒnono   nonEgnono   nonGanono   L(as)   nonPsnono   nonWxnono

            nonĚonono   nonGsnono

full>open   nonWanono   nonGfnono   nonVvnono

(DOQ)R L(fts)   nonFonono   nonWsnono   nonGtnono   nonDVwnono

            nonFdnono   small>void   nonVanono   nonGsnono   nonVynono

nonDfnono   nonFgnono   (RBPG)R   nonVsnono   nonVznono

nonDtnono   nonF̌onono   L(vwyzx)   nonYanono   (CSEFLTZ)R   nonVxnono

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nonRwnono

nonYvnono	nonRynono	(CSEFLTZ)R L(vwyzx)	nonTvnono
nonYwnono	nonRznono		nonTwnono
nonYynono	nonRxnono	nonCvnono	nonTynono
nonYznono		nonCwnono	nonTznono
nonYxnono	void>open	nonCynono	nonTxnono
	(WVYZXAKR)R L(fts)	nonCznono	
		nonCxnono	nonZvnono
nonZvnono			
nonZwnono	nonWfnono		nonZwnono
nonZynono	nonWtnono	nonSvnono	nonZynono
nonZznono	nonWsnono	nonSwnono	nonZznono
nonZxnono	nonVfnono	nonSynono	nonZxnono
	nonVtnono	nonSznono	
nonXvnono	nonVsnono	nonSxnono	open>open
nonXwnono	nonYfnono		(CSEFLTZ)R L(fts)
nonXynono	nonYtnono	nonEvnono	
nonXznono	nonYsnono	nonEwnono	nonCfnono
nonXxnono	nonZfnono	nonEynono	nonCtnono
	nonZtnono	nonEznono	nonCsnono
nonAvnono	nonZsnono	nonExnono	nonSfnono
nonAwnono	nonXfnono		nonStnono
nonAynono	nonXtnono	nonFvnono	nonSsnono
nonAznono	nonXsnono	nonFwnono	nonEfnono
nonAxnono	nonAfnono	nonFynono	nonEtnono
	nonAtnono	nonFznono	nonEsnono
nonKvnono	nonAsnono	nonFxnono	nonFfnono
nonKwnono	nonKfnono		nonFtnono
nonKynono	nonKtnono	nonLvnono	nonFsnono
nonKznono	nonKsnono	nonLwnono	nonLfnono
nonKxnono	nonRfnono	nonLynono	nonLtnono
	nonRtnono	nonLznono	nonLsnono
nonRvnono	nonRsnono	nonLxnono	nonTfnono

nonTtnono

nonTsnono

nonZfnono

nonZtnono

nonZsnono

Lowercase >

UPPERCASE

straight>full round

(udlijgqhmna)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

nonuTnono

nonaTnono		nonðYnono	(ctfr) R L(CGOQ)
	nonoOonono	nonoZnono	
nonnJnono	nonpOonono	nonpZnono	noncOnono
nonqJnono	nonbOonono	nonbZnono	nonfOnono
noniJnono		nonðZnono	nontOnono
nonjJnono	full > small	nonoXnono	nonrOnono
nonuJnono	(bpo)R L(S)	nonpXnono	
nonaJnono		nonbXnono	small>small
	nonoSnono	nonðXnono	(s)R L(S)
nonnSnono	nonpSnono	nonoAnono	
nonqSnono	nonbSnono	nonpAnono	nonsSsnono
noniSnono		nonbAnono	
nonjSnono	(as) R L(CGOQ)	nonðAnono	small>void
nonuSnono			(s)R L(WVYZXA)
nonaSnono	nonaOnono	full>open	
	nonsOnono	(bpoð)R L(TJS)	nonsWnono
(ctfr) R			nonsVnono
L(HMNUIKLPRBEF)	full > void	nonoTnono	nonsYnono
	(bpoð)R L(WVYZXA)	nonpTnono	nonsZnono
noncHnono	(kvwyzx)R L(CGOQ)	nonbTnono	nonsXnono
noncUnono		nonðTnono	nonsAnono
nonfHnono	nonoWnono		
nonfUnono	nonpWnono	nonoJnono	(kvwyzx)R L(S)
nontHnono	nonbWnono	nonpJnono	
nontUnono	nonðWnono	nonbJnono	nonkSnono
nonrHnono	nonoVnono	nonðJnono	nonvSnono
nonrUnono	nonpVnono		nonwSnono
	nonbVnono	nonoSnono	nonySnono
	nonðVnono	nonpSnono	nonzSnono
	nonoYnono	nonbSnono	nonxSnono
full round >full round	nonpYnono	nonðSnono	
(bpoe)R L(CGOQ)	nonbYnono		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

noncSnono
nontSnono
nonfSnono
nonrSnono

Figures

straight > straight
001100
111111
HH11HH
nn11nn

straight>full round
(1) R L (06)

001000
001600

111011
111611

(09) R L (1)

009100
000100

119111
110111

straight>small round
(1) R L(98)

001900
001800

111911
111811

(8356) R L (1)

008100
003100
005100
006100

118111
113111
115111
116111

straight>void
(1) R L(4)

111411
001400

(72)R L (1)

117111
112111

007100
002100

straight>open
(1) R L(239)

111211
111311
111911

001200
001300
001900

(654)R L(1)

116111
115111
114111

006100
005100
004100

full round >full round
(09) R L (06)

110011
110611
119011
119611

000000
000600
009000
009600

full round >small round
(09) R L(98)

110911
110811
119911
119811

000900
000800
009900
009800

L(98) L (06)

119011
119611
118011
118611

009000
009600
008000
008600

full > void
(09) R L(4)

110411
119411

000400
009400

(72)R L (06)

117011
117611
112011
112611

007000
007600
002000
002600

full > open
(09) R L(239)

110211
110311
110911
119211
119311
119911

000200
000300
000900
009200
009300
009900

(654)R L (06)

116011
116611
115011
115611
114011
114611

006000
006600
005000
005600
004000
004600

small > small
(8356) R L(98)

118911
118811
113911
113811
115911
115811

116911
116811

008900
008800
003900
003800
005900
005800
006900
006800

small > void
(8356) R L(4)

118411
113411
115411
116411

008400
003400
005400
006400

(72)R L(98)

117911
112911
117811

112811

007900
002900
007800
002800

small > open
(8356) R L(239)

118211
118311
118911

113211
113311
113911

115211
115311
115911

116211
116311
116911

008200
008300
008900

003200
003300

003900	112411	004400	jj, jy, qj, qg, gg, gp, gy, fh, fk, fl, fb, fi, fj, ff, ft
005200	007400	open > open	
005300	002400	(654)R L(239)	L4 F7 6T T7
005900			
	void > open	116211	
006200	(72)R L(239)	116311	
006300		116911	
006900	117211	115211	
	117311	115311	
	117911	115911	
	112211	114211	
(654)R L(98)	112311	114311	
	112911	114911	
116911			
116811	007200	006200	
115911	007300	006300	
115811	007900	006900	
114911	002200	005200	
114811	002300	005300	
	002900	005900	
006900		004200	
006800		004300	
005900		004900	
005800	(654)R L(4)		
004900			
004800	116411	collisions U>L & L>U	
	115411		
void > void	114411	fT fY	
(72)R L(4)		Qj Qy Qp Qj Fl tA gT gV	
	006400	gX	
117411	005400		