

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-UL-UB-DF	bda <u>u</u>	cabd				0			
	UR-UL-UB-FU	bda <i>i</i>	cabh				0			
	UR-UL-UB-FL	bdal	cabi				0			P
	UR-UL-UB-LF	bda <i>f</i>	cabj				0			
	UR-UL-UB-BR	bdat	cabm				0			
	UR-UL-UB-RB	bdan	cabn				0			
	UR-UL-UB-RF	bdap	cabo				0			
	UR-UL-UB-FR	bdaj	cabp				0			
	UR-UL-UB-LD	bdag	cabq				0			
	UR-UL-UB-RD	bdao	cabs				0			O
	UR-UL-UB-DL	bdax	cabt				0			
	UR-UL-UB-DB	bdaw	cabu				0			
	UR-UL-UB-DR	bdav	cabv				0			
	UR-UL-DF-UB	bdua	cadb	ncma ncmb	M' U2 M U M' U2 M U'		8			
	UR-UL-DF-FL	bdul	cadi				0			
	UR-UL-DF-LF	bduf	cadj				0			
	UR-UL-DF-LB	bduh	cadk				0			
	UR-UL-DF-BL	bdur	cadl				0			O
	UR-UL-DF-BR	bdut	cadm				0			
	UR-UL-DF-RB	bdun	cadn				0			O
	UR-UL-DF-FR	bduj	cadp				0			
	UR-UL-DF-DL	bdux	cadt				0			O

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								0		
UR-UL-BU-FU	bdqi		cafh					0		
UR-UL-BU-FL	bdql		cafí					0		
UR-UL-BU-LF	bdqf		cafj					0		
UR-UL-BU-BR	bdqt		cafñ					0		
UR-UL-BU-RB	bdqn		cafñ					0		
UR-UL-BU-FR	bdqj		cafp					0		
UR-UL-BU-BD	bdqs		cafr					0		
UR-UL-RU-DB	bdmw		cagu					0		
UR-UL-FU-FL	bdil		cahi					0		
UR-UL-FU-LF	bdif		cahj					0		
UR-UL-FU-BL	bdir		cahl					0		
UR-UL-FU-BR	bdir		cahm					0		
UR-UL-FU-RF	bdip		caho					0		
UR-UL-FU-FR	bdij		cahp					0		
UR-UL-FU-DL	bdix		caht					0		
UR-UL-FL-UB	bdla		caib					0		
UR-UL-FL-DF	bdlu		caid					0		
UR-UL-FL-LB	bdlh		caik					0		
UR-UL-FL-BL	bdlr		cail					0		
UR-UL-FL-BR	bdlr		caim					0		
UR-UL-FL-RF	bdlp		caio					0		L
UR-UL-FL-BD	bdls		cair					0		C

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-UL-FL-RD	bdlo	cais				0			
	UR-UL-FL-DL	bdlx	cait				0			
	UR-UL-FL-DB	bdlw	caiu				0			
	UR-UL-FL-DR	bdlv	caiv				0			
	UR-UL-LF-BU	bdfq	cajf				0			
	UR-UL-LF-FU	bdfi	cajh				0			
	UR-UL-LF-LB	bdfh	cajk				0			
	UR-UL-LF-BL	bdf�	cajl				0			A
	UR-UL-LF-RB	bdfn	cajn	xtgr hwhr gws	F2 S' L E2 L' F' L' E2 L F' S		11			
	UR-UL-LF-RF	bdfp	cajo				0			
	UR-UL-LF-FR	bdfj	cajp				0			
	UR-UL-LF-LD	bdfg	cajq	exbn avam bvd	D' F2 U' M' U F U M U' F D		11			
	UR-UL-LF-DL	bdfx	cajt				0			
	UR-UL-LB-DF	bdhu	cakd				0			
	UR-UL-LB-LU	bdhe	cake				0			O
	UR-UL-LB-FU	bdhi	cakh				0			
	UR-UL-LB-FL	bdhl	caki				0			P
	UR-UL-LB-RB	bdhn	cakn				0			
	UR-UL-LB-RF	bdhp	cako				0			
	UR-UL-LB-LD	bdhg	cakq				0			
	UR-UL-LB-DL	bdhx	cakt				0			
	UR-UL-LB-DB	bdhw	caku				0			

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								0		
UR-UL-LB-DR	bdhv	cakv					0			
UR-UL-BL-UB	bdra	calb					0		A	
UR-UL-BL-DF	bdru	cald					0		A	
UR-UL-BL-LU	bdre	cale					0		P	
UR-UL-BL-BU	bdrq	calf					0		O	
UR-UL-BL-FU	bdri	calh					0		O	
UR-UL-BL-FL	bdrl	cali					0			
UR-UL-BL-LF	bdrf	calj					0			
UR-UL-BL-BR	bdrt	calm					0		P	
UR-UL-BL-RB	bdrn	cain					0			
UR-UL-BL-RF	bdrp	calo					0		A	
UR-UL-BL-FR	bdrj	calp					0			
UR-UL-BL-LD	bdrq	calq					0			
UR-UL-BL-DL	bdrx	calt					0		C	
UR-UL-BL-DB	bdrw	calu					0			
UR-UL-BL-DR	bdrv	calv					0		O	
UR-UL-BR-UB	bdta	camb					0		C	
UR-UL-BR-LU	bdte	came					0		A	
UR-UL-BR-RU	bdtm	camg					0			
UR-UL-BR-FL	bdtl	cami					0		P	
UR-UL-BR-RF	bdtp	camo					0			
UR-UL-BR-FR	bdtj	camp					0		O	

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	UR-UL-BR-LD	bdtg	camq				0			
	UR-UL-BR-BD	bdts	camr				0			
	UR-UL-BR-RD	bdto	cams				0			
	UR-UL-BR-DL	bdtx	camt				0			
	UR-UL-RB-UB	bdna	canb				0			
	UR-UL-RB-DF	bdnu	cand				0		C	
	UR-UL-RB-LU	bdne	cane				0		O	
	UR-UL-RB-BU	bdnq	canf				0			
	UR-UL-RB-FU	bdni	canh				0			
	UR-UL-RB-FL	bdnl	cani				0		P	
	UR-UL-RB-LF	bdnf	canj				0			
	UR-UL-RB-LB	bdnh	cank				0			
	UR-UL-RB-BL	bdnr	canl				0		O	
	UR-UL-RB-RF	bdnp	cano	tkuk vkuj wls	S' R' S2 R' F R' S2 R F' R2 S		11		L	
	UR-UL-RB-FR	bdnj	canp				0		O	
	UR-UL-RB-LD	bdng	canq				0			
	UR-UL-RB-BD	bdns	canr				0		O	
	UR-UL-RB-RD	bdno	cans				0			
	UR-UL-RB-DL	bdnx	cant				0		A	
	UR-UL-RB-DB	bdnw	canu				0			
	UR-UL-RB-DR	bdnv	canv				0		O	
	UR-UL-RF-DF	bdpv	caod				0			

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								0		
	UR-UL-RF-FU	bdpi	caoh					0		
	UR-UL-RF-FL	bdpl	caoi					0		
	UR-UL-RF-LF	bdpf	caoj					0		L
	UR-UL-RF-LB	bdph	caok	levr wbwr vdal	R2 D' F E2 F' U' F' E2 F D U R2			12		
	UR-UL-RF-BD	bdps	caor					0		
	UR-UL-RF-DB	bdpw	caou					0		O
	UR-UL-FR-UB	bdja	capb					0		P
	UR-UL-FR-DF	bdju	capd					0		
	UR-UL-FR-LU	bdje	cape					0		O
	UR-UL-FR-BU	bdjq	capf					0		
	UR-UL-FR-RU	bdjm	capg					0		C
	UR-UL-FR-FL	bdjl	capi					0		
	UR-UL-FR-LF	bdjf	capj					0		
	UR-UL-FR-LB	bdjh	capk					0		
	UR-UL-FR-BR	bdjt	capm					0		
	UR-UL-FR-RB	bdjn	capn	pwkt hqgp sjvq	E F' R' S' L' E' L E S R F E'			12		
	UR-UL-FR-LD	bdjg	capq					0		
	UR-UL-FR-BD	bdjs	capr					0		O
	UR-UL-FR-RD	bdjo	caps					0		
	UR-UL-FR-DL	bdjx	capt					0		
	UR-UL-FR-DR	bdjv	capv					0		
	UR-UL-LD-BU	bdgq	caqf					0		

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								0		
UR-UL-LD-FL	bdgl	caqi					0			
UR-UL-LD-LF	bdgf	caqj					0			
UR-UL-LD-LB	bdgh	caqk					0		A	
UR-UL-LD-BL	bdgr	caql					0			
UR-UL-LD-BR	bdgt	caqm					0			
UR-UL-LD-FR	bdgj	caqp					0			
UR-UL-LD-RD	bdgo	caqs					0			
UR-UL-LD-DB	bdgw	caqu					0			
UR-UL-BD-UB	bdsa	carb					0			
UR-UL-BD-DF	bdsu	card					0		O	
UR-UL-BD-LU	bdse	care					0		F	
UR-UL-BD-RU	bdsm	carg					0		O	
UR-UL-BD-FU	bdsi	carh					0		O	
UR-UL-BD-FL	bdsl	cari					0		A	
UR-UL-BD-LF	bdsf	carj					0		O	
UR-UL-BD-LB	bdsh	cark					0			
UR-UL-BD-RB	bdsn	carn					0			
UR-UL-BD-RF	bdsp	caro					0		O	
UR-UL-BD-FR	bdsj	carp					0		O	
UR-UL-BD-LD	bdsq	carq					0			
UR-UL-BD-DL	bdsx	cart					0		O	
UR-UL-BD-DR	bdsv	carv					0		A	

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	UR-UL-RD-UB	bdoa	casb	ublb saul at	S2 U' R2 U' S U S2 R2 U S'		10			
	UR-UL-RD-DF	bdou	casd				0			
	UR-UL-RD-BU	bdoq	casf				0			
	UR-UL-RD-FU	bdoi	cash				0		0	
	UR-UL-RD-FL	bdol	casi				0		C	
	UR-UL-RD-LF	bdof	casj				0			
	UR-UL-RD-BL	bdor	casl				0		0	
	UR-UL-RD-BR	bdot	casm				0		F	
	UR-UL-RD-RB	bdon	casn	wmka vbnb jvb kc	F' r' U F U' M' U' R F U' R' U2		13			
	UR-UL-RD-FR	bdoj	casp				0		C	
	UR-UL-RD-LD	bdog	casq				0			
	UR-UL-RD-DL	bdox	cast				0		A	
	UR-UL-RD-DB	bdow	casu				0		F	
	UR-UL-RD-DR	bdov	casv				0		0	
	UR-UL-DL-DF	bdxu	catd				0			
	UR-UL-DL-RU	bdxm	catg				0			
	UR-UL-DL-FL	bdxl	cati				0			
	UR-UL-DL-BL	bdxr	catl				0			
	UR-UL-DL-RB	bdxn	catn				0			
	UR-UL-DL-RF	bdxp	cato				0			
	UR-UL-DL-FR	bdxj	catp				0			
	UR-UL-DL-RD	bdxo	cats				0		0	

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								0		0
	UR-UL-DL-DR	bdxv	catv					0		0
	UR-UL-DB-UB	bdwa	caub					0		
	UR-UL-DB-BU	bdwq	cauf	sbmb tasn at	S U' M U' S' U S M' U S'			10		
	UR-UL-DB-FU	bdwi	cauh					0		
	UR-UL-DB-FL	bdwl	caui					0		
	UR-UL-DB-LF	bdwf	cauj					0		
	UR-UL-DB-BL	bdwr	caul					0		
	UR-UL-DB-BR	bdwt	caum					0		
	UR-UL-DB-RB	bdwn	caun					0		
	UR-UL-DB-RF	bdwp	cauo					0		A
	UR-UL-DB-FR	bdwj	caup					0		
	UR-UL-DB-DL	bdwx	caut					0		
	UR-UL-DB-DR	bdwv	cauv					0		
	UR-UL-DR-UB	bdva	cavb					0		
	UR-UL-DR-DF	bdvu	cavd					0		
	UR-UL-DR-LU	bdve	cave					0		C
	UR-UL-DR-BU	bdvq	cavf					0		
	UR-UL-DR-LB	bdvh	cavk					0		
	UR-UL-DR-BL	bdvr	cavl					0		
	UR-UL-DR-RB	bdvn	cavn					0		
	UR-UL-DR-RF	bdvp	cavo					0		
	UR-UL-DR-BD	bdvs	cavr					0		

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	UR-UL-DR-DL	bdvx	cavt				0			
	UR-UL-DR-DB	bdvw	cavu				0			
	UR-UB-UL-DF	badu	cbad	oaoa mcn	M2 U M2 U M U2 M'		7			
	UR-UB-UL-FU	badi	cbah				0			
	UR-UB-UL-FL	badl	cbai				0			
	UR-UB-UL-LF	badf	cbaj				0			
	UR-UB-UL-LB	badh	cbak				0			
	UR-UB-UL-BL	badr	cbal				0			
	UR-UB-UL-BR	badt	cbam				0			
	UR-UB-UL-RB	badn	cban				0			
	UR-UB-UL-RF	badp	cbaø				0			
	UR-UB-UL-FR	badj	cbap				0			
	UR-UB-UL-LD	badg	cbaq				0			
	UR-UB-UL-BD	bads	cbar				0			
	UR-UB-UL-DL	badx	cbat				0			
	UR-UB-UL-DB	badw	cbau	oaob mcm co	M2 U M2 U' M U2 M U2 M2		9			0
	UR-UB-UL-DR	badv	cbav				0			
	UR-UB-DF-UL	baud	cbda	ibsn amti	L2 U' S M' U M S' L2		8			
	UR-UB-DF-LU	baue	cbde				0			
	UR-UB-DF-FU	baui	cbdø				0			
	UR-UB-DF-FL	baul	cbdi				0			
	UR-UB-DF-LF	bauf	cbdø				0			

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								0		
	UR-UB-DF-LB	bauh	cbdk					0		
	UR-UB-DF-BL	baur	cbdI					0		O
	UR-UB-DF-BR	baut	cbdm					0		P
	UR-UB-DF-RB	baun	cbdn					0		
	UR-UB-DF-FR	bauj	cbdP					0		
	UR-UB-DF-LD	baug	cbdQ					0		
	UR-UB-DF-BD	baus	cbdr	bnbn amam	U' M' U' M' U M U M			8		
	UR-UB-DF-RD	bauo	cbds					0		
	UR-UB-DF-DB	bauw	cbdu	snat ebmd tn	S M' U S' D' U' M D S' M'			10		
	UR-UB-LU-DF	baeu	cbed					0		A
	UR-UB-LU-FU	baei	cbeh					0		
	UR-UB-LU-FL	bael	cbei					0		
	UR-UB-LU-LF	baef	cbej					0		
	UR-UB-LU-LB	baeh	cbek					0		
	UR-UB-LU-BL	baer	cbel					0		
	UR-UB-LU-BR	baet	cbem					0		
	UR-UB-LU-RB	baen	cben					0		
	UR-UB-LU-FR	baej	cbep					0		
	UR-UB-LU-LD	baeg	cbfq					0		
	UR-UB-LU-BD	baes	cber					0		
	UR-UB-LU-RD	baeo	cbes					0		O
	UR-UB-LU-DR	baev	cbev					0		

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								0		
	UR-UB-BU-BR	baqt	cbfm					0		
	UR-UB-BU-FR	baqj	cbfp					0		
	UR-UB-RU-LD	bamg	cbgq					0		
	UR-UB-FU-UL	baid	cbha					0		
	UR-UB-FU-LU	baie	cbhe					0		
	UR-UB-FU-FL	bail	cbhi					0		
	UR-UB-FU-LF	baif	cbhj					0		
	UR-UB-FU-BR	bait	cbhm					0		
	UR-UB-FU-RB	bain	cbhn					0		
	UR-UB-FU-FR	baij	cbhp					0		
	UR-UB-FU-LD	baig	cbhq					0		
	UR-UB-FU-BD	bais	cbhr					0		
	UR-UB-FU-RD	baio	cbhs					0		
	UR-UB-FU-DL	baix	cbht					0		
	UR-UB-FU-DR	baiv	cbhv					0		
	UR-UB-FL-UL	bald	cbia					0		
	UR-UB-FL-LU	bale	cbie					0		P
	UR-UB-FL-LB	balh	cbik					0		
	UR-UB-FL-RB	baln	cbin					0		O
	UR-UB-FL-RF	balp	cbio					0		
	UR-UB-FL-FR	balj	cbip					0		
	UR-UB-FL-BD	bals	cbir					0		

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								0		
	UR-UB-FL-RD	balo	cbis					0		
	UR-UB-FL-DB	balw	cbiu					0		
	UR-UB-FL-DR	balv	cbiv					0		
	UR-UB-LF-UL	bafd	cbja					0		
	UR-UB-LF-DF	bafu	cbjd					0		
	UR-UB-LF-LU	bafe	cbje					0		
	UR-UB-LF-LB	bafh	cbjk					0		
	UR-UB-LF-BL	bafr	cbjl					0		
	UR-UB-LF-BR	baft	cbjm					0		
	UR-UB-LF-RB	bafn	cbjn	pwhs atbg vq	E F' L' S U S' U' L F E'			10		
	UR-UB-LF-RF	bafp	cbjo					0		
	UR-UB-LF-FR	bafj	cbjp					0		
	UR-UB-LF-LD	bafg	cbjq	glbt ahas bl	L R2 U' S' U L' U S U' R2			10		
	UR-UB-LF-BD	bafs	cbjr					0		
	UR-UB-LF-RD	bafo	cbjs					0		
	UR-UB-LF-DB	bafw	cbju					0		
	UR-UB-LB-UL	bahd	cbka					0		
	UR-UB-LB-DF	bahu	cbkd					0		
	UR-UB-LB-LU	bahe	cbke					0		
	UR-UB-LB-BR	baht	cbkm					0		
	UR-UB-LB-RB	bahn	cbkn					0		
	UR-UB-LB-RF	bahp	cbko					0		

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	UR-UB-LB-FR	bahj	cbkp				0			
	UR-UB-LB-LD	bahg	cbkq	hlbt agas bl	L' R2 U' S' U L U S U' R2		10			
	UR-UB-LB-BD	bahs	cbkr				0			P
	UR-UB-LB-DL	bahx	cbkt				0			A
	UR-UB-LB-DB	bahw	cbku				0			
	UR-UB-LB-DR	bahv	cbkv	avqj pskw tb	U F E' R E S R' f U'		10			
	UR-UB-BL-DF	baru	cbld				0			
	UR-UB-BL-LU	bare	cble				0			A
	UR-UB-BL-BU	barq	cbif				0			
	UR-UB-BL-BR	bart	cblm				0			
	UR-UB-BL-RB	barn	cbln	rwmk wnvj vr	E2 F' r' F' M' F R F E2		10			
	UR-UB-BL-FR	barj	cblp				0			
	UR-UB-BL-BD	bars	cblr				0			P
	UR-UB-BL-RD	baro	cbls				0			
	UR-UB-BL-DL	barx	cblt				0			
	UR-UB-BL-DB	barw	cblu				0			
	UR-UB-BL-DR	barv	cblv				0			
	UR-UB-BR-DF	batu	cbmd				0			
	UR-UB-BR-LU	bate	cbme				0			A
	UR-UB-BR-RF	batp	cbmo				0			O
	UR-UB-BR-FR	batj	cbmp	ujsc sau a ku	S2 R S U2 S U S2 U R' S2		10			
	UR-UB-BR-LD	batg	cbmq				0			

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								0		
	UR-UB-BR-BD	bats	cbmr					0		
	UR-UB-BR-RD	bato	cbms	pwhs gagt hbvq	E F' L' S L U L S' L' U' F E'			12		
	UR-UB-BR-DB	batw	cbmu					0		
	UR-UB-BR-DR	batv	cbmv					0		
	UR-UB-RB-UL	band	cbna					0		L
	UR-UB-RB-DF	banu	cbnd					0		O
	UR-UB-RB-LU	bane	cbne					0		
	UR-UB-RB-FU	bani	cbnh					0		C
	UR-UB-RB-FL	banl	cbni					0		
	UR-UB-RB-LF	banf	cbnj					0		
	UR-UB-RB-LB	banh	cbnk					0		
	UR-UB-RB-BL	banr	cbnl					0		
	UR-UB-RB-RF	banp	cbno					0		A
	UR-UB-RB-FR	banj	cbnp					0		O
	UR-UB-RB-LD	bang	cbnq					0		
	UR-UB-RB-BD	bans	cbnr					0		
	UR-UB-RB-RD	bano	cbns					0		F
	UR-UB-RB-DL	banx	cbnt					0		O
	UR-UB-RB-DB	banw	cbnu					0		
	UR-UB-RB-DR	banv	cbnv					0		
	UR-UB-RF-UL	bapd	cboa					0		
	UR-UB-RF-DF	bapu	cbod					0		O

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-UB-RF-LU	bape	cboe				0			
	UR-UB-RF-FL	bapl	cboi				0			
	UR-UB-RF-LF	bapf	cboj				0			
	UR-UB-RF-LB	baph	cbok	bgvb namw ha	U' L F U' M' U M F' L' U		10			
	UR-UB-RF-BL	bapr	cbol				0		L	
	UR-UB-RF-BR	bapt	cbom				0		A	
	UR-UB-RF-LD	bapg	cboq	lfja sbkb tfal	R2 D2 R U S U' R' U' S' D2 U R2		12			
	UR-UB-RF-RD	bapo	cbos				0		O	
	UR-UB-RF-DL	bapx	cbot				0			
	UR-UB-RF-DB	bapw	cbou				0			
	UR-UB-RF-DR	bapv	cbov				0		A	
	UR-UB-FR-UL	bajd	cbpa				0			
	UR-UB-FR-DF	baju	cbpd				0			
	UR-UB-FR-LU	baje	cbpe				0			
	UR-UB-FR-BU	bajq	cbpf				0			
	UR-UB-FR-FL	bajl	cbpi				0			
	UR-UB-FR-LF	bajf	cbpj				0			
	UR-UB-FR-LB	bajh	cbpk				0			
	UR-UB-FR-BL	bajr	cbpl				0		A	
	UR-UB-FR-BR	bajt	cbpm				0			
	UR-UB-FR-RB	bajn	cbpn				0			
	UR-UB-FR-LD	bajg	cbpq				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-UB-FR-BD	bajs	cbpr				0			
	UR-UB-FR-RD	bajo	cbps				0			
	UR-UB-FR-DL	bajx	cbpt				0			
	UR-UB-LD-DF	bagu	cbqd	bmbs atbm aoa	U' M U' S U S' U' M U M2 U		11			
	UR-UB-LD-LU	bage	cbqe				0			
	UR-UB-LD-FL	bagl	cbqi				0			
	UR-UB-LD-LF	bagf	cbqj				0			
	UR-UB-LD-LB	bagh	cbqk				0			
	UR-UB-LD-BL	bagr	cbql				0			
	UR-UB-LD-BR	bagt	cbqm	sbvj sjtl wat	S U' F R S R S' R2 F' U S'		11			
	UR-UB-LD-RB	bagn	cbqn				0			
	UR-UB-LD-FR	bagj	cbqp				0			
	UR-UB-LD-BD	bags	cbqr				0			
	UR-UB-LD-DB	bagw	cbqu	anas atan aob	U M' U S U S' U M' U M2 U'		11			
	UR-UB-LD-DR	bagv	cbqv				0			
	UR-UB-BD-UL	basd	cbra				0			
	UR-UB-BD-DF	basu	cbrd				0			
	UR-UB-BD-LU	base	cbre				0			
	UR-UB-BD-FU	basi	cbrh				0			
	UR-UB-BD-FL	basl	c bri				0			
	UR-UB-BD-LF	basf	cbrj				0			
	UR-UB-BD-LB	bash	cbrk				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-UB-BD-BL	basr	cbrl					0		
	UR-UB-BD-BR	bast	cbrm					0		
	UR-UB-BD-RB	basn	cbrn					0		
	UR-UB-BD-RF	basp	cbro					0		
	UR-UB-BD-FR	basj	cbrp					0		
	UR-UB-BD-LD	basg	cbrq					0		
	UR-UB-BD-RD	baso	cbrs					0		
	UR-UB-BD-DL	basx	cbrt					0		
	UR-UB-BD-DR	basv	cbrv					0		
	UR-UB-RD-UL	baod	cbsa					0		L
	UR-UB-RD-DF	baou	cbsd					0		
	UR-UB-RD-LU	baoe	cbse					0		O
	UR-UB-RD-BU	baoq	cbsf					0		
	UR-UB-RD-FU	baoi	cbsh					0		
	UR-UB-RD-FL	baol	cbsi					0		
	UR-UB-RD-LF	baof	cbsj					0		
	UR-UB-RD-LB	baoh	cbsk					0		
	UR-UB-RD-BL	baor	cbsl					0		
	UR-UB-RD-BR	baot	cbsm					0		
	UR-UB-RD-RB	baon	cbsn	avjc ksjt ckwb	U F R U2 R' S R S' U2 R' F' U'			12		
	UR-UB-RD-RF	baop	cbso					0		
	UR-UB-RD-FR	baoj	cbsp					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
			cbsq				0			
UR-UB-RD-LD	baog	cbsq					0			
UR-UB-RD-BD	baos	cbsr					0			
UR-UB-RD-DL	baox	cbst					0			
UR-UB-RD-DB	baow	cbsu					0			
UR-UB-DL-UL	baxd	cbta					0			
UR-UB-DL-DF	baxu	cbtd					0			
UR-UB-DL-BU	baxq	cbtf					0			
UR-UB-DL-FU	baxi	cbth					0			
UR-UB-DL-FL	baxl	cbti					0			
UR-UB-DL-LF	baxf	cbtj					0			
UR-UB-DL-LB	baxh	cbtk					0			A
UR-UB-DL-BL	baxr	cbtl					0			
UR-UB-DL-BR	baxt	cbtm					0			A
UR-UB-DL-RB	baxn	cbtn					0			A
UR-UB-DL-RF	baxp	cbto					0			
UR-UB-DL-RD	baxo	cbts					0			
UR-UB-DL-DR	baxv	cbtv					0			
	UR-UB-DB-UL	bawd	cbua	ncma oao	M' U2 M U M2 U M2		7			
	UR-UB-DB-DF	bawu	cbud	vbvo wavm xm	F U' F M2 F' U F M F2 M		10			
	UR-UB-DB-LU	bawe	cbue				0			
	UR-UB-DB-FL	bawl	cbui				0			O
	UR-UB-DB-LB	bawh	cbuk				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		0
	UR-UB-DB-BL	bawr	cbul					0		0
	UR-UB-DB-BR	bawt	cbum					0		0
	UR-UB-DB-RB	bawn	cbun					0		0
	UR-UB-DB-RF	bawp	cbuo					0		0
	UR-UB-DB-LD	bawg	cbuq					0		0
	UR-UB-DB-RD	bawo	cbus					0		0
	UR-UB-DB-DL	bawx	cbut					0		0
	UR-UB-DB-DR	bawv	cbuv					0		0
	UR-UB-DR-UL	bavd	cbva					0		0
	UR-UB-DR-LB	bavh	cbvk					0		0
	UR-UB-DR-BL	bavr	cbvl					0		0
	UR-UB-DR-RB	bavn	cbvn					0		0
	UR-UB-DR-FR	bavj	cbvp					0		0
	UR-UB-DR-DL	bavx	cbvt					0		0
	UR-UB-FD-DB	bakw	cbxu	mama nbnb	M U M U M' U' M' U'			8		
	UR-DF-UL-UB	buda	cdab	ansb mcna tma	U M' S U' M U2 M' U S' M U			11		
	UR-DF-UL-BU	budq	cda					0		0
	UR-DF-UL-FL	budl	cdai					0		0
	UR-DF-UL-LF	bu	cdaj					0		P
	UR-DF-UL-LB	budh	cdak					0		0
	UR-DF-UL-BL	budr	cdal					0		0
	UR-DF-UL-BR	budt	cdam					0		0

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-DF-UL-RB	budn	cdan				0			
	UR-DF-UL-FR	budj	cdap				0			
	UR-DF-UL-LD	budg	cdaq				0			
	UR-DF-UL-BD	buds	cdar				0			
	UR-DF-UL-RD	budo	cdas				0			
	UR-DF-UL-DL	budx	cdat				0		0	
	UR-DF-UL-DB	budw	cdau	cncn boa	U2 M' U2 M' U' M2 U		7			
	UR-DF-UL-DR	budv	cdav				0			
	UR-DF-UB-UL	buad	cdba	gjdb jeah jbl	L R D U' R D' U L' R U' R2		11		F	
	UR-DF-UB-LF	buaf	cdbj				0			
	UR-DF-UB-BR	buat	cdbm				0			
	UR-DF-UB-FR	buaj	cdbp				0			
	UR-DF-UB-DL	buax	cdbt				0			
	UR-DF-UB-DB	buaw	cdbu	obnc nb	M2 U' M' U2 M' U'		6			
	UR-DF-LU-UB	buea	cdeb				0			
	UR-DF-LU-BU	bueq	cdef				0			
	UR-DF-LU-BR	buet	cdem	vkps jtkq jw	F R' E S R S' R' E' R F'		10			
	UR-DF-LU-RB	buen	cden				0		0	
	UR-DF-LU-FR	buej	cdep	pjbw jpkq vakq	E R U' F' R E R' E' F U R' E'		12			
	UR-DF-LU-LD	bueg	cdeq				0			
	UR-DF-LU-BD	bues	cder				0			
	UR-DF-LU-DL	buex	cdet				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-DF-LU-DB	buew	cdeu				0			
	UR-DF-LU-DR	buev	cdev				0			
	UR-DF-BU-UL	buqd	cdfa				0			A
	UR-DF-BU-LU	buqe	cdfe				0			
	UR-DF-BU-RU	buqm	cdfg				0			
	UR-DF-BU-BL	buqr	cdfl				0			
	UR-DF-BU-BD	buqs	cdfr	nama oam am	M' U M U M2 U M U M		9			O
	UR-DF-BU-DB	buqw	cdfu				0			
	UR-DF-BU-DR	buqv	cdfv				0			
	UR-DF-RU-LU	bume	cdge				0			
	UR-DF-RU-BU	bumq	cdgf				0			
	UR-DF-RU-BD	bums	cdgr				0			
	UR-DF-RU-DL	bumx	cdgt				0			
	UR-DF-FU-BR	buit	cdhm				0			
	UR-DF-FL-UL	buld	cdia				0			
	UR-DF-FL-UB	bulu	cdib				0			
	UR-DF-FL-LU	bule	cdie				0			
	UR-DF-FL-BU	bulq	cdif				0			C
	UR-DF-FL-RU	bulm	cdig				0			
	UR-DF-FL-RF	bulp	cdio				0			L
	UR-DF-FL-FR	bulj	cdip				0			
	UR-DF-FL-BD	buls	cdir				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-DF-FL-DB	bulw	cdiu				0			
	UR-DF-FL-DR	bulv	cdiv				0			
	UR-DF-LF-UL	bufd	cdja				0			
	UR-DF-LF-UB	bufa	cdjb				0		0	
	UR-DF-LF-BL	bufr	cdjl				0			
	UR-DF-LF-BR	bufft	cdjm				0			
	UR-DF-LF-RB	bufn	cdjn	mwej tksd vn	M F' D' R S' R' S D F M'		10			
	UR-DF-LF-LD	bufg	cdjq				0			
	UR-DF-LF-BD	bufs	cdjr				0			
	UR-DF-LF-DL	bufx	cdjt				0			
	UR-DF-LF-DB	bufw	cdju				0			
	UR-DF-LF-DR	bufv	cdjv				0			
	UR-DF-LB-UL	buhd	cdka				0			
	UR-DF-LB-RB	buhn	cdkn				0			
	UR-DF-LB-RF	buhp	cdko				0			
	UR-DF-LB-LD	buhg	cdkq				0		0	
	UR-DF-LB-DR	buhv	cdkv				0			
	UR-DF-BL-UB	bura	cdlb				0			
	UR-DF-BL-LU	bure	cdle				0			
	UR-DF-BL-BU	burq	cdlf				0			
	UR-DF-BL-BR	burt	cdlm				0			
	UR-DF-BL-RB	burn	cdln				0			A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-DF-BL-RF	burp	cdlo					0		
	UR-DF-BL-FR	burj	cdlp					0		
	UR-DF-BL-BD	burs	cdlr					0		
	UR-DF-BL-DL	burx	cdlt					0	0	
	UR-DF-BL-DR	burv	cdlv					0		A
	UR-DF-BR-UL	butd	cdma					0	0	
	UR-DF-BR-UB	buta	cdmb					0		
	UR-DF-BR-LU	bute	cdme					0		
	UR-DF-BR-BU	butq	cdmf					0		
	UR-DF-BR-FL	butl	cdmi					0	0	
	UR-DF-BR-LF	butf	cdmj					0		
	UR-DF-BR-BL	butr	cdml	wkrk qjq jv	F' R' E2 R' E' R E' R F		9			
	UR-DF-BR-RF	butp	cdmo					0		
	UR-DF-BR-FR	butj	cdmp					0	0	
	UR-DF-BR-BD	buts	cdmr					0		
	UR-DF-BR-RD	buto	cdms					0		
	UR-DF-BR-DR	butv	cdmv					0		
	UR-DF-RB-UL	bund	cdna					0		A
	UR-DF-RB-UB	buna	cdnb					0		
	UR-DF-RB-LU	bune	cdne					0		
	UR-DF-RB-BU	bunq	cdnf					0		0
	UR-DF-RB-FL	bunl	cdni					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		P
UR-DF-RB-LF	bunf		cdnj				0			
UR-DF-RB-LB	bunh		cdnk				0			
UR-DF-RB-BL	bunr		cdnl				0			
UR-DF-RB-RF	bump		cdno				0		O	
UR-DF-RB-FR	bunj		cdnp				0			
UR-DF-RB-LD	bung		cdnq				0			
UR-DF-RB-BD	buns		cdnr				0			
UR-DF-RB-RD	buno		cdns				0			
UR-DF-RB-DL	bunx		cdnt				0		O	
UR-DF-RB-DR	bunv		cdnv				0			
UR-DF-RF-UL	bupd		cdoa				0			
UR-DF-RF-BU	bupq		c dof				0			
UR-DF-RF-RU	bupm		cdog				0			
UR-DF-RF-FL	bupl		cdoi				0			
UR-DF-RF-LF	bupf		cdoj				0			
UR-DF-RF-LB	buph		cdok				0			
UR-DF-RF-BR	bupt		cdom				0		O	
UR-DF-RF-RB	bupn		cdon				0		A	
UR-DF-RF-RD	bupo		cdos				0		O	
UR-DF-RF-DB	bupw		cdou				0			
UR-DF-RF-DR	bupv		cdov				0		A	
UR-DF-FR-UB	buja		cdpb				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		A
UR-DF-FR-LU	buje		cdpe				0			
UR-DF-FR-BU	bujq		cdpf				0			
UR-DF-FR-BL	bujr		cdpl				0		0	
UR-DF-FR-LD	bujs		cdpq				0		0	
UR-DF-FR-DL	bujx		cdpt				0			
UR-DF-LD-UB	buga		cdqb				0		0	
UR-DF-LD-LU	buge		cdqe				0			
UR-DF-LD-BU	bugq		cdqf				0			
UR-DF-LD-FL	bugl		cdqi				0		0	
UR-DF-LD-LF	bugf		cdqj				0			
UR-DF-LD-BR	bugt		cdqm				0			
UR-DF-LD-RB	bugn		cdqn				0			
UR-DF-LD-RF	bugp		cdqo				0			
UR-DF-LD-FR	bugj		cdqp				0			
UR-DF-LD-BD	bugs		cdqr				0			
UR-DF-LD-RD	bugo		cdqs				0			
UR-DF-LD-DR	bugv		cdqv				0			
UR-DF-BD-UB	busa		cdrv				0			
UR-DF-BD-LU	buse		cdre				0			0
UR-DF-BD-BU	busq		cdrv				0			
UR-DF-BD-FL	busl		cdri				0			
UR-DF-BD-LB	bush		cdrv				0			0

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		O
UR-DF-BD-BR	bust		cdrm				0			
UR-DF-BD-RB	busn		cdrn				0			A
UR-DF-BD-FR	busj		cdrp				0			
UR-DF-BD-LD	busg		cdrq				0			
UR-DF-BD-RD	buso		cdrs				0			
UR-DF-BD-DL	busx		cdrt				0			F
UR-DF-BD-DR	busv		cdrv				0			O
UR-DF-RD-UL	buod		cdsa				0			
UR-DF-RD-BU	buoq		cdsf				0			
UR-DF-RD-LF	buof		cdsj				0			
UR-DF-RD-LB	buoh		cdsk				0			
UR-DF-RD-BR	buot		cdsm				0			
UR-DF-RD-RB	buon		cdsn				0			
UR-DF-RD-FR	buoj		cdsp				0			A
UR-DF-RD-LD	buog		cdsq				0			
UR-DF-DL-LU	buxe		cdte				0			
UR-DF-DL-LB	buxh		cdtk				0			
UR-DF-DL-BL	buxr		cdtl				0			
UR-DF-DL-RB	buxn		cdtn				0			
UR-DF-DL-RF	buxp		cdto				0			
UR-DF-DL-FR	buxj		cdtp				0			
UR-DF-DL-BD	buxs		cdtr				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-DF-DL-RD	buxo	cdts				0			
	UR-DF-DL-DB	buxw	cdtu				0			
	UR-DF-DL-DR	buxv	cdtv				0			
	UR-DF-DB-UL	buwd	cdua				0			
	UR-DF-DB-UB	buwa	cdub				0			
	UR-DF-DB-LU	buwe	cdue				0			
	UR-DF-DB-BU	buwq	cduf				0			
	UR-DF-DB-FL	buwl	cdui				0			
	UR-DF-DB-LF	buwf	cduj	bejp ksaj qkdn	U' D' R E R' S U R E' R' D M'		12			
	UR-DF-DB-RB	buwn	cdun				0			
	UR-DF-DB-RF	buwp	cduo				0			
	UR-DF-DB-LD	buwg	cduq				0			
	UR-DF-DB-RD	buwo	cdus				0			P
	UR-DF-DB-DL	buwx	cdut				0			
	UR-DF-DB-DR	buvv	cduv				0			
	UR-DF-DR-UL	buvd	cdva				0			
	UR-DF-DR-UB	buva	cdvb				0			
	UR-DF-DR-LU	buve	cdve	wksk tjkp qlv	F' R' S R' S' R E R' E' R2 F		11			O
	UR-DF-DR-BU	buvq	cdvf				0			
	UR-DF-DR-FL	buvl	cdvi				0			
	UR-DF-DR-LF	buvf	cdvj				0			
	UR-DF-DR-BL	buvr	cdvl				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-DF-DR-BR	buvt	cdvm				0			
	UR-DF-DR-RB	buvn	cdvn				0			
	UR-DF-DR-LD	buvg	cdvq				0			
	UR-DF-DR-DB	buvw	cdvu				0			
	UR-LU-UL-FL	bedl	ceai				0			
	UR-LU-UL-RD	bedo	ceas				0			A
	UR-LU-UB-DF	beau	cebd				0			
	UR-LU-UB-FL	beal	cebi				0			O
	UR-LU-UB-LF	beaf	cebj				0			C
	UR-LU-UB-LB	beah	cebk				0			
	UR-LU-UB-BL	bear	cebtl				0			A
	UR-LU-UB-BR	beat	cebml	makn ambj bn	M U R' M' U M U' R U' M'		10			
	UR-LU-UB-RB	bean	cebn				0			A
	UR-LU-UB-RF	beap	cebo				0			
	UR-LU-UB-FR	beaj	cebp				0			
	UR-LU-UB-LD	beag	cebq				0			
	UR-LU-UB-BD	beas	cebr	mana mcn	M U M' U M U2 M'		7			
	UR-LU-UB-RD	beao	cebs				0			O
	UR-LU-UB-DL	beax	cebtl				0			A
	UR-LU-UB-DB	beaw	cebu				0			
	UR-LU-UB-DR	beav	cebvl				0			A
	UR-LU-DF-UB	beua	cedb				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-LU-DF-BU	beuq	cedf	cna ma	U2 M' U M U		5			A
	UR-LU-DF-FL	beul	cedi				0		O	
	UR-LU-DF-LF	beuf	cedj				0		L	
	UR-LU-DF-LB	beuh	cedk				0			
	UR-LU-DF-BL	beur	cedl				0		A	
	UR-LU-DF-BR	beut	cedm				0			
	UR-LU-DF-RB	beun	cedn				0			
	UR-LU-DF-RF	beup	cedo				0		A	
	UR-LU-DF-FR	beuj	cedp				0			
	UR-LU-DF-LD	beug	cedq				0			
	UR-LU-DF-BD	beus	cedr				0		O	
	UR-LU-DF-DL	beux	cedt				0		A	
	UR-LU-DF-DR	beuv	cedv				0		A	
	UR-LU-BU-DF	bequ	cefd	bbtn sbtm asc	U' S' U' M' S U' S' M U S U2		11			
	UR-LU-BU-RU	beqm	cefg				0			
	UR-LU-BU-FU	beqi	cefh				0		A	
	UR-LU-BU-FL	beql	cefi				0			
	UR-LU-BU-LF	beqf	cefj				0		O	
	UR-LU-BU-BL	beqr	cef1				0			
	UR-LU-BU-BR	beqt	cefm				0		A	
	UR-LU-BU-RF	beqp	cefo				0			
	UR-LU-BU-FR	beqj	cefp				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-LU-BU-LD	beqq		cefq					0		
UR-LU-BU-BD	beqs		cefr					0		
UR-LU-BU-RD	beqo		cefs					0		
UR-LU-RU-DF	bemu		cegd					0		
UR-LU-RU-FL	beml		cegi					0		
UR-LU-RU-LF	bemf		cegj					0		
UR-LU-RU-BL	bemr		cegl					0		
UR-LU-RU-RD	bemo		cegs					0		
UR-LU-FU-UL	beid		ceha					0		
UR-LU-FU-FL	beil		cehi					0		
UR-LU-FU-LF	beif		cehj					0		
UR-LU-FU-LB	beih		cehk					0		
UR-LU-FU-BL	beir		cehl					0		
UR-LU-FU-BR	beit		cehm					0		
UR-LU-FU-RB	bein		cehn					0		
UR-LU-FU-RF	beip		ceho					0		P
UR-LU-FU-FR	beij		cehp					0		
UR-LU-FU-RD	beio		cehs					0		O
UR-LU-FU-DB	beiw		cehu					0		
UR-LU-FU-DR	beiv		cehv					0		
UR-LU-FL-UB	bela		ceib					0		
UR-LU-FL-DF	belu		ceid					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-LU-FL-LB	belh		ceik				0			
UR-LU-FL-BL	belr		ceil				0		0	
UR-LU-FL-RB	beln		cein				0			
UR-LU-FL-FR	belj		ceip				0			
UR-LU-FL-LD	belg		ceiq				0			
UR-LU-FL-BD	bels		ceir				0		F	
UR-LU-FL-RD	belo		ceis				0			
UR-LU-FL-DB	belw		ceiu				0			
UR-LU-FL-DR	belv		ceiv				0		0	
UR-LU-LF-UB	befa		cejb				0		A	
UR-LU-LF-DF	befu		cejd				0			
UR-LU-LF-FU	befi		cejh				0			
UR-LU-LF-LB	befh		cejk				0			
UR-LU-LF-BL	befr		cejl				0			
UR-LU-LF-BR	beft		cejm				0		0	
UR-LU-LF-RB	befn		cejn				0			
UR-LU-LF-RF	befp		cejo				0			
UR-LU-LF-FR	befj		cejp				0			
UR-LU-LF-LD	befg		cejq				0			
UR-LU-LF-BD	befs		cejr				0		A	
UR-LU-LF-RD	befo		cejs				0		A	
UR-LU-LF-DL	befx		cejt				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-LU-LF-DR	befv		cejv					0		
UR-LU-LB-BU	behq		cekf					0		
UR-LU-LB-RU	behm		cekg					0		
UR-LU-LB-FU	behi		cekh					0		
UR-LU-LB-FL	behl		ceki					0		
UR-LU-LB-LF	behf		cekj					0		
UR-LU-LB-RF	behp		ceko					0		
UR-LU-LB-FR	behj		cekp					0		
UR-LU-LB-LD	behg		cekq					0		
UR-LU-LB-BD	behs		cekr					0		
UR-LU-LB-RD	beho		ceks					0		
UR-LU-LB-DL	behx		cekt					0	0	
UR-LU-LB-DB	behw		ceku					0		
UR-LU-LB-DR	behv		cekv					0		
UR-LU-BL-UB	bera		celb					0	P	
UR-LU-BL-DF	beru		celd					0	O	
UR-LU-BL-BU	berq		celf					0	O	
UR-LU-BL-FU	beri		celh					0		
UR-LU-BL-FL	berl		celi					0	O	
UR-LU-BL-LF	berf		celj					0	F	
UR-LU-BL-BR	bert		celm					0	O	
UR-LU-BL-RB	bern		celn					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-LU-BL-RF	berp		celo				0			
UR-LU-BL-FR	berj		celp				0			
UR-LU-BL-LD	berg		celq				0			
UR-LU-BL-BD	bers		celr				0			
UR-LU-BL-RD	bero		cels				0		O	
UR-LU-BL-DL	berx		celt				0		C	
UR-LU-BL-DB	berw		celu				0		L	
UR-LU-BL-DR	berv		celv				0		P	
UR-LU-BR-UB	beta		cemb				0			
UR-LU-BR-DF	betu		cemd				0		O	
UR-LU-BR-BU	betq		cemf				0			
UR-LU-BR-FU	beti		cemh				0			
UR-LU-BR-FL	betl		cemi				0			
UR-LU-BR-LB	beth		cemk				0			
UR-LU-BR-BL	betr		ceml				0			
UR-LU-BR-RF	betp		cemo				0			
UR-LU-BR-FR	betj		cemp				0			
UR-LU-BR-LD	betg		cemq				0			
UR-LU-BR-RD	beto		cems				0		O	
UR-LU-BR-DL	betx		cemt				0		O	
UR-LU-BR-DR	betv		cemv				0			
UR-LU-RB-FL	benl		ceni				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-LU-RB-LB	benh	cenk					0		
	UR-LU-RB-RF	bepn	ceno					0		A
	UR-LU-RB-FR	benj	cenp					0		
	UR-LU-RB-LD	beng	cenq	hpgb gqhs at	L' E L U' L E' L' S U S'			10		
	UR-LU-RB-BD	bens	cenn					0		
	UR-LU-RB-RD	beno	cens					0		
	UR-LU-RB-DL	benx	cent					0		O
	UR-LU-RB-DB	benw	cenu					0		
	UR-LU-RB-DR	benv	cenv					0		
	UR-LU-RF-UL	bepd	ceoa					0		
	UR-LU-RF-UB	bepa	ceob	bgbv namb waha	U' L U' F M' U M U' F' U L' U			12		
	UR-LU-RF-BU	bepq	ceof					0		A
	UR-LU-RF-LB	beph	ceok					0		
	UR-LU-RF-BL	bepr	ceol					0		C
	UR-LU-RF-BR	bept	ceom					0		P
	UR-LU-RF-RB	bepn	ceon					0		
	UR-LU-RF-LD	bepg	ceoq					0		
	UR-LU-RF-BD	beps	ceor					0		
	UR-LU-RF-RD	bepo	ceos					0		C
	UR-LU-RF-DL	bepx	ceot					0		
	UR-LU-RF-DB	bepw	ceou					0		
	UR-LU-RF-DR	bepv	ceov					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-LU-FR-UB	beja	cepb				0			
	UR-LU-FR-DF	beju	cepd				0			
	UR-LU-FR-FU	beji	ceph				0			
	UR-LU-FR-LF	bejf	cepj				0			
	UR-LU-FR-LB	bejh	cepk				0			
	UR-LU-FR-BL	bejr	cepl				0			
	UR-LU-FR-BR	bejt	cepm				0			
	UR-LU-FR-LD	bejg	cepq				0			
	UR-LU-FR-RD	bejo	ceps				0		O	
	UR-LU-FR-DL	bejx	cept				0		C	
	UR-LU-FR-DB	bejw	cepu				0			
	UR-LU-FR-DR	bejv	cepv				0			
	UR-LU-LD-UB	bega	ceqb				0			
	UR-LU-LD-FL	begl	ceqi				0			
	UR-LU-LD-LB	begh	ceqk				0		A	
	UR-LU-LD-BL	begr	ceql				0			
	UR-LU-LD-RB	begn	ceqn				0			
	UR-LU-LD-RF	begp	ceqo				0			
	UR-LU-LD-FR	begj	ceqp	mahv mwgn bn	M U L' F M F' L M' U' M'		10			
	UR-LU-LD-BD	begs	ceqr				0			
	UR-LU-LD-RD	bego	ceqs				0			
	UR-LU-LD-DR	begv	ceqv				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-LU-BD-DF	besu	cerd					0		
	UR-LU-BD-RU	besm	cerg					0		
	UR-LU-BD-FU	besi	cerh					0		
	UR-LU-BD-FL	besl	ceri					0	L	
	UR-LU-BD-LF	besf	cerj					0		
	UR-LU-BD-LB	besh	cerk					0	O	
	UR-LU-BD-BL	besr	cerl					0		
	UR-LU-BD-BR	best	cerm					0		
	UR-LU-BD-RB	besn	cern					0	C	
	UR-LU-BD-RF	besp	cero					0		
	UR-LU-BD-FR	besj	cerp					0		
	UR-LU-BD-RD	beso	cers					0		
	UR-LU-BD-DL	besx	cert	nbsb namt am	M' U' S U' M' U M S' U M		10		F	
	UR-LU-BD-DR	besv	cerv					0		
	UR-LU-RD-UB	beoa	cesb					0	A	
	UR-LU-RD-DF	beou	cesd					0	A	
	UR-LU-RD-FU	beoi	cesh					0		
	UR-LU-RD-FL	beol	cesi					0		
	UR-LU-RD-LF	beof	cesj					0		
	UR-LU-RD-LB	beoh	cesk					0		
	UR-LU-RD-BR	beot	cesm					0		
	UR-LU-RD-RB	beon	cesn					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-LU-RD-RF	beop	ceso				0			
	UR-LU-RD-FR	beoj	cesp				0			
	UR-LU-RD-BD	beos	cesr				0		P	
	UR-LU-RD-DL	beox	cest				0		O	
	UR-LU-DL-UB	bexa	cetb				0			
	UR-LU-DL-BU	bexq	cetf				0			
	UR-LU-DL-FL	bexl	ceti				0			
	UR-LU-DL-LF	bexf	cetj				0			
	UR-LU-DL-LB	bexh	cetk	dbge satq zp	D U' L D' S U S' E' B' E		10			
	UR-LU-DL-BL	bexr	cetl				0		O	
	UR-LU-DL-BR	bext	cetm				0			
	UR-LU-DL-RB	bexn	cetn	pwth sgvq	E f' L' S L F E'		8			
	UR-LU-DL-RF	bexp	ceto				0			
	UR-LU-DL-BD	bexs	cetr				0		A	
	UR-LU-DL-RD	bexo	cets				0			
	UR-LU-DL-DB	bexw	cetu				0		F	
	UR-LU-DL-DR	bexv	cetv				0			
	UR-LU-DB-BU	bewq	ceuf	manb	M U M' U'		4			
	UR-LU-DB-FL	bewl	ceui				0			
	UR-LU-DB-LF	bewf	ceuj				0			
	UR-LU-DB-LB	bewh	ceuk				0		P	
	UR-LU-DB-BL	bewr	ceul	wdth sgev	F' D S' L' S L D' F		8		A	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-LU-DB-RB	bewn	ceun	akbm anjb	U R' U' M U r U'		8			
	UR-LU-DB-RF	bewp	ceuo	ajbm aknb	U R U' M U R' M' U'		8			
	UR-LU-DB-FR	bewj	ceup				0			
	UR-LU-DB-LD	bewg	ceuq				0		A	
	UR-LU-DB-RD	bewo	ceus				0			
	UR-LU-DB-DL	bewx	ceut				0			
	UR-LU-DB-DR	bewv	ceuv				0			
	UR-LU-DR-UL	bevd	ceva				0			
	UR-LU-DR-DF	bevu	cevd				0			
	UR-LU-DR-BU	bevq	cevf				0			
	UR-LU-DR-FL	bevl	cevi				0			
	UR-LU-DR-LF	bevf	cevj				0			
	UR-LU-DR-LB	bevh	cevk				0		A	
	UR-LU-DR-BL	bevr	cevl				0			
	UR-LU-DR-BR	bevt	cevm				0			
	UR-LU-DR-RB	bevn	cevn				0			
	UR-LU-DR-RF	bevp	cevo				0			
	UR-LU-DR-FR	bevj	cevp				0			
	UR-LU-DR-BD	bevs	cevr				0			
	UR-LU-DR-DB	bevw	cevu				0			L
	UR-LU-FD-BL	bekr	cexl	wkfg qhpf jv	F' R' D2 L E' L' E D2 R F		10			
	UR-BU-UL-UB	bqda	cfab				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-BU-UL-DF	bqdu	cfad					0		
	UR-BU-UL-FU	bqdi	cfah					0		
	UR-BU-UL-FL	bqdl	cfai					0		
	UR-BU-UL-LF	bqdf	cfaj					0		
	UR-BU-UL-LB	bqdh	cfak					0		
	UR-BU-UL-BL	bqdr	cfal					0		
	UR-BU-UL-BR	bqdt	cfam					0		
	UR-BU-UL-RB	bqdn	cfan					0		
	UR-BU-UL-RF	bqdp	cfao					0		
	UR-BU-UL-FR	bqdj	cfap					0		
	UR-BU-UL-LD	bqdg	cfaq					0		C
	UR-BU-UL-BD	bqds	cfar					0		
	UR-BU-UL-RD	bqdo	cfas					0		
	UR-BU-UL-DL	bqdx	cfat	aulu bsal atc	U S2 R2 S2 U' S U R2 U S' U2			11		
	UR-BU-UL-DR	bqdv	cfav					0		
	UR-BU-UB-RF	bqap	cfbo					0		
	UR-BU-DF-UL	bqud	cfda					0		
	UR-BU-DF-UB	bqua	cfdb					0		O
	UR-BU-DF-LU	bque	cfde					0		
	UR-BU-DF-FL	bqul	cfdi					0		
	UR-BU-DF-LF	bquf	cfdj					0		A
	UR-BU-DF-LB	bquh	cfdk					0		O

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		0
	UR-BU-DF-BL	bqur	cfdl					0		0
	UR-BU-DF-BR	bqut	cfdm					0		A
	UR-BU-DF-RB	bqun	cfdn					0		
	UR-BU-DF-RF	bqup	cfdo					0		
	UR-BU-DF-FR	bquj	cfdp					0		
	UR-BU-DF-LD	bqug	cfdq					0		
	UR-BU-DF-RD	bquo	cfds					0		
	UR-BU-DF-DL	bqux	cfdt					0		
	UR-BU-DF-DR	bquv	cfdv					0		
	UR-BU-LU-DF	bqueu	cfed					0		0
	UR-BU-LU-FU	bqei	cfeh					0		
	UR-BU-LU-FL	bqel	cfei					0		
	UR-BU-LU-LF	bqef	cfej					0		
	UR-BU-LU-LB	bqeh	cfek					0		
	UR-BU-LU-RB	bqen	cfen					0		
	UR-BU-LU-RF	bqep	cfeo					0		
	UR-BU-LU-FR	bqej	cfep					0		
	UR-BU-LU-LD	bqeg	cfeq	lfte name sbl	R2 D2 S' D' M' U M D' S U' R2			11		
	UR-BU-LU-BD	bqes	cfer					0		
	UR-BU-LU-DL	bqex	cfet					0		
	UR-BU-LU-DB	bqew	cfeu					0		
	UR-BU-LU-DR	bqev	cfev					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-BU-LU-FD	bqek	cfex	wkvn wjvn aob	F' R' F M' F' R F M' U M2 U'		11			
	UR-BU-RU-BL	bqmrv	cfgl				0			
	UR-BU-RU-RB	bqmn	cfgn				0			
	UR-BU-RU-RF	bqmp	cfgo				0			
	UR-BU-RU-DB	bqmw	cfgu				0			
	UR-BU-FU-UL	bqid	cfha				0			A
	UR-BU-FU-UR	bqib	cfhc				0			
	UR-BU-FU-LU	bqie	cfhe				0			
	UR-BU-FU-FL	bqil	cfhi				0			
	UR-BU-FU-LF	bqif	cfhj				0			
	UR-BU-FU-BR	bqit	cfhm				0			
	UR-BU-FU-RF	bqip	cfho				0			O
	UR-BU-FU-FR	bqij	cfhp				0			
	UR-BU-FU-LD	bqig	cfhq				0			
	UR-BU-FU-BD	bqis	cfhr				0			A
	UR-BU-FU-DL	bqix	cfht				0			O
	UR-BU-FU-DB	bqiw	cfhu				0			
	UR-BU-FU-DR	bqiv	cfhv				0			P
	UR-BU-FL-LU	bqle	cfie				0			
	UR-BU-FL-LB	bqlh	cfik				0			
	UR-BU-FL-BR	bqlt	cfim				0			
	UR-BU-FL-FR	bqlj	cfip				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-BU-FL-LD	bqlg	cfiq					0		
	UR-BU-FL-DL	bqlx	cfit					0		
	UR-BU-LF-UL	bqfd	cfja					0		
	UR-BU-LF-LU	bqfe	cfje					0		
	UR-BU-LF-LB	bqfh	cfjk					0		
	UR-BU-LF-BL	bqfr	cfjl					0		
	UR-BU-LF-RB	bqfn	cfjn					0		0
	UR-BU-LF-RF	bqfp	cfjo					0		
	UR-BU-LF-FR	bqfj	cfjp					0		
	UR-BU-LF-LD	bqfg	cfjq					0		
	UR-BU-LF-RD	bqfo	cfjs	whtg vhsb tag	F' L' S' L F L' S U' S' U S L			12		
	UR-BU-LF-DB	bqfw	cfju					0		
	UR-BU-LB-UL	bqhd	cfka					0		
	UR-BU-LB-DF	bqhu	cfkd					0		
	UR-BU-LB-FU	bqhi	cfkh					0		
	UR-BU-LB-LF	bqhf	cfkj					0		
	UR-BU-LB-RB	bqhn	cfkn					0		
	UR-BU-LB-FR	bqhj	cfkp					0		
	UR-BU-LB-BD	bqhs	cfkr					0		
	UR-BU-LB-RD	bqho	cfks					0		
	UR-BU-LB-DL	bqhx	cfkt					0		
	UR-BU-BL-UL	bqrdf	cfla					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-BU-BL-DF	bqru		cfld					0		
UR-BU-BL-LU	bqre		cflc					0		
UR-BU-BL-RU	bqrm		cflg					0		
UR-BU-BL-LF	bqrf		cflj					0		
UR-BU-BL-BR	bqrt		cflm					0		
UR-BU-BL-RB	bqrn		cfln					0		O
UR-BU-BL-RF	bqrp		cflo					0		
UR-BU-BL-FR	bqrj		cflp					0		
UR-BU-BL-RD	bqro		cfls					0		
UR-BU-BL-DB	bqrw		cflu					0		
UR-BU-BR-UL	bqtd		cfma					0		
UR-BU-BR-DF	bqtu		cfmd					0		
UR-BU-BR-FU	bqtj		cfmh					0		
UR-BU-BR-LF	bqtf		cfmj					0		
UR-BU-BR-LB	bqth		cfmk					0		
UR-BU-BR-RF	bqtp		cfmo					0		
UR-BU-BR-FR	bqti		cfmp					0		
UR-BU-BR-LD	bqtg		cfmq					0		
UR-BU-BR-BD	bqts		cfmr					0		A
UR-BU-BR-DB	bqtw		cfmu					0		O
UR-BU-BR-FD	bqtk		cfmx					0		
UR-BU-RB-RU	bqnm		cfng					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-BU-RB-FU	bqni		cfnh					0		
UR-BU-RB-FL	bqnl		cfni					0		
UR-BU-RB-LF	bqnf		cfnj					0		
UR-BU-RB-BL	bqnr		cfnl					0		0
UR-BU-RB-RF	bqnp		cfno					0		
UR-BU-RB-FR	bqnj		cfnp					0		
UR-BU-RB-LD	bqng		cfnq					0		
UR-BU-RB-BD	bqns		cfnr					0		
UR-BU-RF-UL	bqpd		cfoa					0		A
UR-BU-RF-LU	bqpe		cfoe					0		0
UR-BU-RF-FU	bqpi		cfoh					0		
UR-BU-RF-FL	bqpl		cfoi					0		0
UR-BU-RF-LF	bqpf		cfoj					0		
UR-BU-RF-LB	bqph		cfok					0		
UR-BU-RF-BL	bqpr		cfol					0		
UR-BU-RF-BR	bqpt		cform					0		0
UR-BU-RF-RB	bqpn		cfon					0		
UR-BU-RF-BD	bqps		cfor					0		
UR-BU-RF-RD	bqpo		cfos					0		
UR-BU-RF-DL	bqpx		cfot					0		
UR-BU-RF-DB	bqpw		cfou					0		A
UR-BU-FR-UL	bqjd		cfpa					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-BU-FR-UB	bqja	cfpb						0		
UR-BU-FR-DF	bqju	cfpd						0		
UR-BU-FR-LU	bqje	cfpe						0		
UR-BU-FR-FU	bqji	cfph						0		
UR-BU-FR-FL	bqjl	cfpi						0		
UR-BU-FR-LF	bqjf	cfpj						0		0
UR-BU-FR-LB	bqjh	cfpk						0		0
UR-BU-FR-BL	bqjr	cfpl						0		c
UR-BU-FR-BR	bqjt	cfpm						0		
UR-BU-FR-RB	bqjn	cfpn						0		
UR-BU-FR-LD	bqjg	cfpq						0		
UR-BU-FR-BD	bqjs	cfpr						0		
UR-BU-FR-RD	bqjo	cfps						0		
UR-BU-FR-DL	bqjx	cfpt						0		
UR-BU-FR-DB	bqjw	cfpu						0		
UR-BU-FR-DR	bqjv	cfpv						0		
UR-BU-LD-UL	bqgd	cfqa						0		
UR-BU-LD-DF	bqgu	cfqd						0		
UR-BU-LD-LU	bqge	cfqe						0		
UR-BU-LD-FU	bqgi	cfqh						0		a
UR-BU-LD-LF	bqgf	cfqj						0		
UR-BU-LD-BR	bqgt	cfqm						0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-BU-LD-RB	bqgn		cfqn					0		
UR-BU-LD-FR	bqgj		cfqp					0		
UR-BU-LD-BD	bqgs		cfqr					0		
UR-BU-BD-UL	bqsd		cfra					0		
UR-BU-BD-DF	bqsu		cfrd					0		
UR-BU-BD-LU	bqse		cfre					0		
UR-BU-BD-RU	bqsm		cfrg					0		
UR-BU-BD-FU	bqsi		cfrh					0		
UR-BU-BD-FL	bqsl		cfri					0		
UR-BU-BD-LF	bqsf		cfrj					0		
UR-BU-BD-LB	bqsh		cfrk					0		
UR-BU-BD-BR	bqst		cfrm					0		
UR-BU-BD-RB	bqsn		cfrn					0		
UR-BU-BD-FR	bqsj		cfrp					0		
UR-BU-BD-LD	bqsg		cfrq					0		
UR-BU-BD-RD	bqso		cfrs					0		
UR-BU-BD-DL	bqsx		cfrt					0		
UR-BU-BD-DR	bqsv		cfrv					0		0
UR-BU-RD-UL	bqod		cfsa					0		
UR-BU-RD-DF	bqou		cfsd					0		
UR-BU-RD-LU	bqoe		cfse					0		
UR-BU-RD-FU	bqoi		cfsh					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-BU-RD-FL	bqol		cfsi					0		
UR-BU-RD-LF	bqof		cfsj					0		
UR-BU-RD-LB	bqoh		cfsk					0		
UR-BU-RD-BL	bqor		cfsl					0		
UR-BU-RD-BR	bqot		cfsm					0		
UR-BU-RD-RB	bqon		cfsn					0		A
UR-BU-RD-RF	bqop		cfsn					0		O
UR-BU-RD-FR	bqoj		cfsp					0		A
UR-BU-RD-LD	bqog		cfsq					0		
UR-BU-RD-BD	bqos		cfsr					0		O
UR-BU-RD-DL	bqox		cfst					0		O
UR-BU-RD-DB	bqow		cfsu					0		
UR-BU-DL-UL	bqxd		cfta					0		
UR-BU-DL-UB	bqxa		cftb					0		
UR-BU-DL-DF	bqxu		cftd					0		A
UR-BU-DL-LU	bqxe		cfte					0		
UR-BU-DL-FL	bqxl		cfti					0		
UR-BU-DL-LF	bqxf		cftj					0		
UR-BU-DL-LB	bqxh		cftk					0		A
UR-BU-DL-BL	bqxr		cftl					0		O
UR-BU-DL-BR	bqxt		cftm					0		
UR-BU-DL-RB	bqxn		cftn					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-BU-DL-RF	bqxp	cfto	bkws asbv uja	U' R' F' S U S U' F S2 R U		11			
	UR-BU-DL-BD	bqxs	cftr				0			
	UR-BU-DL-RD	bqxo	cfts				0			
	UR-BU-DL-DB	bqxw	cftu				0		0	
	UR-BU-DB-UL	bqwd	cfua				0			
	UR-BU-DB-UB	bqwa	cfub				0			
	UR-BU-DB-LU	bqwe	cfue				0		A	
	UR-BU-DB-FL	bqwl	cfui				0			
	UR-BU-DB-LF	bqwf	cfuj				0			
	UR-BU-DB-LB	bqwh	cfuk				0			
	UR-BU-DB-BL	bqwr	cful				0			
	UR-BU-DB-BR	bqwt	cfum				0			
	UR-BU-DB-RB	bqwn	cfun				0			
	UR-BU-DB-RF	bqwp	cfuo				0			
	UR-BU-DB-FR	bqwj	cfup				0			
	UR-BU-DB-LD	bqwg	cfuq				0			
	UR-BU-DB-RD	bqwo	cfus				0			
	UR-BU-DB-DL	bqwx	cfut				0			
	UR-BU-DB-DR	bqvv	cfuv				0			
	UR-BU-DR-UL	bqvdi	cfva				0			
	UR-BU-DR-LU	bqve	cfve				0			
	UR-BU-DR-FU	bqvi	cfvh				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-BU-DR-FL	bqvl	cfvi					0		
	UR-BU-DR-LF	bqvf	cfvj					0	O	
	UR-BU-DR-LB	bqvh	cfvk					0	A	
	UR-BU-DR-BL	bqvr	cfvl					0	F	
	UR-BU-DR-BR	bqvt	cfvm					0		
	UR-BU-DR-RB	bqvn	cfvn					0	A	
	UR-BU-DR-RF	bqvp	cfvo	swdn even dt	S F' D M' D' F D' M D S'			10		
	UR-BU-DR-FR	bqvj	cfvp	whal tbsa lbgv	F' L' U R2 S' U' S U R2 U' L F			12		
	UR-BU-DR-DL	bqvx	cfvt					0		
	UR-BU-FD-LU	bqke	cfxe	anbm anbm	U M' U' M U M' U' M			8		
	UR-BU-FD-BD	bqks	cfxr	amdt asem co	U M D S' U S D' M U2 M2			10		
	UR-RU-UL-BD	bmds	cgar					0	O	
	UR-RU-LB-RD	bmho	cgks					0		
	UR-RU-RB-FL	bmnl	cgni					0	O	
	UR-RU-RB-LF	bmnf	cgnj					0	C	
	UR-RU-FR-UL	bmjd	cgpa					0	O	
	UR-FU-UL-UB	bida	chab					0		
	UR-FU-UL-DF	bidu	chad					0	C	
	UR-FU-UL-BU	bidq	chaf					0	P	
	UR-FU-UL-FL	bidl	chai					0	O	
	UR-FU-UL-LF	bidf	chaj					0	C	
	UR-FU-UL-LB	bidh	chak					0	A	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-FU-UL-BL	bidr	aaaa	chal				0			A
UR-FU-UL-BR	bidt	aaaa	cham				0			F
UR-FU-UL-RB	bidn	aaaa	chan				0			A
UR-FU-UL-RF	bidp	aaaa	chao				0			L
UR-FU-UL-FR	bidj	aaaa	chap				0			A
UR-FU-UL-LD	bidg	aaaa	chaq				0			L
UR-FU-UL-BD	bids	aaaa	char				0			P
UR-FU-UL-RD	bido	aaaa	chas				0			F
UR-FU-UL-DL	bidx	aaaa	chat				0			O
UR-FU-UL-DR	bidv	aaaa	chav				0			A
UR-FU-UB-UL	biad	aaaa	chba				0			
UR-FU-UB-LU	biae	aaaa	chbe				0			
UR-FU-UB-FL	bial	aaaa	chbi				0			
UR-FU-UB-LF	biaf	aaaa	chbj				0			
UR-FU-UB-LB	biah	aaaa	chbk				0			
UR-FU-UB-BL	biar	aaaa	chbl				0			
UR-FU-UB-RF	biap	aaaa	chbo				0			
UR-FU-UB-FR	biaj	aaaa	chbp				0			
UR-FU-UB-LD	biag	aaaa	chbq				0			
UR-FU-UB-BD	bias	aaaa	chbr				0			
UR-FU-UB-RD	biao	aaaa	chbs				0			P
UR-FU-UB-DL	biam	aaaa	chbt				0			O

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		O
UR-FU-UB-DB	biaw		chbu				0			
UR-FU-UB-DR	biav		chbv				0			
UR-FU-DF-BU	biuq		chdf				0			A
UR-FU-LU-UB	biea		cheb				0			
UR-FU-LU-DF	bieu		ched				0			O
UR-FU-LU-BU	bieq		chef				0			P
UR-FU-LU-FL	biel		chei				0			
UR-FU-LU-LF	bief		chej				0			
UR-FU-LU-LB	bieh		chek				0			O
UR-FU-LU-BL	bier		chel				0			C
UR-FU-LU-BR	biet		chem				0			O
UR-FU-LU-RB	bien		chen				0			P
UR-FU-LU-FR	biej		chep				0			F
UR-FU-LU-LD	bieg		cheq				0			
UR-FU-LU-RD	bioe		ches				0			O
UR-FU-LU-DL	biex		chet				0			P
UR-FU-LU-DB	biew		cheu				0			A
UR-FU-BU-UL	biqd		chfa				0			O
UR-FU-BU-DF	biqu		chfd				0			O
UR-FU-BU-LU	biqe		chfe				0			A
UR-FU-BU-FL	biql		chfi				0			
UR-FU-BU-LF	biqf		chfj				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-FU-BU-LB	biqh		chfk					0		
UR-FU-BU-BL	biqr		chfl					0		
UR-FU-BU-BR	biqt		chfm					0		
UR-FU-BU-FR	biqj		chfp					0		
UR-FU-BU-LD	biqg		chfq					0		
UR-FU-BU-BD	biqs		chfr					0		A
UR-FU-BU-DL	biqx		chft					0		
UR-FU-BU-DB	biqw		chfu					0		O
UR-FU-RU-UL	bimd		chga					0		
UR-FU-RU-UB	bima		chgb					0		
UR-FU-RU-LU	bime		chge					0		O
UR-FU-RU-BU	bimq		chgf					0		P
UR-FU-RU-FL	biml		chgi					0		L
UR-FU-RU-LF	bimf		chgj					0		
UR-FU-RU-LB	bimh		chgk					0		
UR-FU-RU-BL	bimr		chgl					0		P
UR-FU-RU-BR	bimt		chgm					0		O
UR-FU-RU-RB	bimn		chgn					0		O
UR-FU-RU-LD	bimg		chgq					0		
UR-FU-RU-BD	bims		chgr					0		C
UR-FU-RU-RD	bimo		chgs					0		O
UR-FU-RU-DL	bimx		chgt					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-FU-RU-DB	bimw	chgu					0			
UR-FU-RU-DR	bimv	chgv					0			A
UR-FU-FL-UL	bild	chia					0			P
UR-FU-FL-UB	bila	chib					0			P
UR-FU-FL-DF	bilu	chid					0			
UR-FU-FL-LU	bile	chie					0			
UR-FU-FL-BU	bilq	chif					0			
UR-FU-FL-LB	bilh	chik					0			O
UR-FU-FL-BL	bilr	chil					0			F
UR-FU-FL-BR	bilt	chim					0			A
UR-FU-FL-RB	biln	chin					0			O
UR-FU-FL-RF	bilp	chio					0			L
UR-FU-FL-FR	bilj	chip					0			O
UR-FU-FL-LD	bilg	chiq					0			
UR-FU-FL-BD	bils	chir					0			A
UR-FU-FL-RD	bilo	chis					0			O
UR-FU-FL-DL	bilx	chit					0			A
UR-FU-FL-DB	bilw	chiu					0			O
UR-FU-FL-DR	bilv	chiv					0			O
UR-FU-LF-UL	bifd	chja					0			
UR-FU-LF-UB	bifa	chjb					0			
UR-FU-LF-LU	bife	chje					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-FU-LF-LB	bifh		chjk					0		
UR-FU-LF-BL	bifr		chjl					0		
UR-FU-LF-RB	bifn		chjn					0		
UR-FU-LF-FR	bifj		chjp					0		
UR-FU-LF-LD	bifg		chjq					0		P
UR-FU-LF-RD	bifo		chjs					0		O
UR-FU-LF-DL	bifx		chjt					0		
UR-FU-LF-DB	bifw		chju					0		O
UR-FU-LB-UL	bihd		chka					0		A
UR-FU-LB-UB	biha		chkb					0		
UR-FU-LB-LU	bihe		chke					0		
UR-FU-LB-BU	bihq		chkf					0		
UR-FU-LB-FL	bihl		chki					0		
UR-FU-LB-RF	bihp		chko					0		O
UR-FU-LB-FR	bihj		chkp					0		
UR-FU-LB-LD	bihg		chkq					0		
UR-FU-LB-DB	bihw		chku					0		
UR-FU-BL-UL	bird		chl					0		A
UR-FU-BL-LU	bire		chle					0		A
UR-FU-BL-FL	birl		chli					0		O
UR-FU-BL-BR	birt		chl					0		
UR-FU-BL-RB	birn		chl					0		P

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-FU-BL-RF	birp		chlo				0			A
UR-FU-BL-FR	birj		chlp				0			
UR-FU-BL-RD	biro		chls				0			
UR-FU-BL-DL	birx		chlt				0			
UR-FU-BL-DB	birw		chlu				0			
UR-FU-BL-DR	birv		chlv				0			F
UR-FU-BR-BU	bitq		chmf				0			
UR-FU-BR-FL	bitl		chmi				0			A
UR-FU-BR-LB	bith		chmk				0			
UR-FU-BR-FR	bitj		chmp				0			
UR-FU-BR-LD	bitg		chmq				0			P
UR-FU-BR-BD	bits		chmr				0			
UR-FU-BR-DL	bitx		chmt				0			A
UR-FU-RB-UL	bind		chna				0			O
UR-FU-RB-UB	bina		chnb				0			
UR-FU-RB-LU	bine		chne				0			O
UR-FU-RB-BU	binq		chnf				0			
UR-FU-RB-RU	binm		chng				0			
UR-FU-RB-FL	binl		chni				0			C
UR-FU-RB-LF	binf		chnj				0			P
UR-FU-RB-LB	bihn		chnk				0			
UR-FU-RB-BL	binr		chnl				0			O

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-FU-RB-FR	binj		chnp					0		
UR-FU-RB-LD	bing		chnq					0		
UR-FU-RB-DL	binx		chnt					0		A
UR-FU-RF-UL	bipd		choa					0		
UR-FU-RF-UB	bipa		chob					0		
UR-FU-RF-DF	bipu		chod					0		L
UR-FU-RF-LU	bipe		choe					0		
UR-FU-RF-BU	bipq		chof					0		
UR-FU-RF-FL	bipl		choi					0		
UR-FU-RF-LF	bipf		choj					0		
UR-FU-RF-LB	biph		chok					0		
UR-FU-RF-BL	bipr		chol					0		
UR-FU-RF-BR	bipt		chom					0		L
UR-FU-RF-RB	bipn		chon					0		
UR-FU-RF-FR	bipj		chop					0		A
UR-FU-RF-LD	bipg		choq					0		
UR-FU-RF-BD	bips		chor					0		P
UR-FU-RF-RD	bipo		chos					0		A
UR-FU-RF-DB	bipw		chou					0		
UR-FU-RF-DR	bipv		chov					0		
UR-FU-FR-UL	bijd		chpa					0		O
UR-FU-FR-UB	bija		chpb					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
UR-FU-FR-LU	bije		chpe				0		0	
UR-FU-FR-BU	bijq		chpf				0		0	
UR-FU-FR-FL	bijl		chpi				0		P	
UR-FU-FR-LF	bijf		chpj				0			
UR-FU-FR-LB	bijh		chpk				0			
UR-FU-FR-BL	bijr		chpl				0		0	
UR-FU-FR-RB	bijn		chpn				0			
UR-FU-FR-DL	bijx		chpt				0		0	
UR-FU-FR-DB	bijw		chpu				0		L	
UR-FU-LD-UL	bigd		chqa				0			
UR-FU-LD-UB	biga		chqb				0			
UR-FU-LD-LU	bige		chqe				0			
UR-FU-LD-FL	bigl		chqi				0		L	
UR-FU-LD-LF	bigf		chqj				0			
UR-FU-LD-LB	bigh		chqk				0			
UR-FU-LD-BL	bigr		chql				0			
UR-FU-LD-BR	bigt		chqm				0		0	
UR-FU-LD-RB	bign		chqn				0			
UR-FU-LD-FR	bigj		chqp				0			
UR-FU-LD-RD	bigo		chqs				0			
UR-FU-LD-DB	bigw		chqu				0			
UR-FU-LD-DR	bigv		chqv				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-FU-BD-UL	bisd		chra					0		
UR-FU-BD-UB	bisa		chrb					0		
UR-FU-BD-LU	bise		chre					0		A
UR-FU-BD-RU	bism		chrg					0		A
UR-FU-BD-FL	bisl		chri					0		
UR-FU-BD-LF	bisf		chrj					0		P
UR-FU-BD-LB	bish		chrk					0		
UR-FU-BD-BR	bist		chrm					0		
UR-FU-BD-RB	bisn		chnr					0		O
UR-FU-BD-RF	bisp		chro					0		O
UR-FU-BD-FR	bisj		chrp					0		L
UR-FU-BD-LD	bisg		chrq					0		
UR-FU-BD-RD	biso		chrs					0		
UR-FU-BD-DL	bisx		chrt					0		O
UR-FU-BD-DR	bisv		chrv					0		
UR-FU-RD-UL	biod		chsa					0		
UR-FU-RD-UB	bioa		chsб					0		
UR-FU-RD-LU	bioe		chse					0		O
UR-FU-RD-FL	biol		chsi					0		P
UR-FU-RD-LF	biof		chsј					0		
UR-FU-RD-BL	bior		chsլ					0		O
UR-FU-RD-LD	biog		chsզ					0		A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		P
UR-FU-RD-BD	bios		chsr				0			
UR-FU-RD-DL	biox		chst				0		O	
UR-FU-RD-DB	biow		chsu				0		O	
UR-FU-DL-UL	bixd		chta				0		A	
UR-FU-DL-LU	bixe		chte				0		O	
UR-FU-DL-BU	bixq		chtf				0			
UR-FU-DL-FL	bixl		ctti				0			
UR-FU-DL-LF	bixf		chtj				0			
UR-FU-DL-LB	bixh		chtk				0			
UR-FU-DL-BL	bixr		chtl				0			
UR-FU-DL-BR	bixt		chtm				0			
UR-FU-DL-RB	bixn		chtн				0		P	
UR-FU-DL-FR	bixj		chtр				0			
UR-FU-DL-BD	bixs		chtr				0			
UR-FU-DB-UL	biwd		chua				0		O	
UR-FU-DB-UB	biwa		chub				0		F	
UR-FU-DB-LU	biwe		chue				0			
UR-FU-DB-BU	biwq		chuf				0			
UR-FU-DB-FL	biwl		chui				0		P	
UR-FU-DB-LB	biwh		chuk				0		P	
UR-FU-DB-BL	biwr		chul				0			
UR-FU-DB-BR	biwt		chum				0		A	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		0
	UR-FU-DB-RB	biwn	chun					0		0
	UR-FU-DB-RF	biwp	chuo					0		
	UR-FU-DB-FR	biwj	chup					0		A
	UR-FU-DB-LD	biwg	chuq					0		
	UR-FU-DB-BD	biws	chur					0		L
	UR-FU-DB-DL	biwx	chut					0		P
	UR-FU-DB-DR	biwv	chuv					0		
	UR-FU-DR-UL	bivd	chva					0		A
	UR-FU-DR-UB	biva	chvb					0		
	UR-FU-DR-BU	bivq	chvf					0		0
	UR-FU-DR-BL	bivr	chvl					0		
	UR-FU-DR-RF	bivp	chvo					0		
	UR-FU-DR-DL	bivx	chvt					0		P
	UR-FU-DR-DB	bivw	chvu					0		
	UR-FL-UL-UB	blda	ciab					0		
	UR-FL-UL-DF	bldu	ciad					0		
	UR-FL-UL-BU	bldq	ciaf					0		
	UR-FL-UL-FU	bldi	ciah					0		
	UR-FL-UL-LB	bldh	ciak	bjqk bjqk cjrk	U' R E' R' U' R E' R' U2 R E2 R'			12		
	UR-FL-UL-BL	bldr	cial					0		
	UR-FL-UL-BR	bldt	ciam					0		
	UR-FL-UL-RB	bldn	cian					0		0

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-FL-UL-RF	bldp	ciao				0		L	
	UR-FL-UL-FR	bldj	ciap				0			
	UR-FL-UL-LD	bldg	ciaq				0			
	UR-FL-UL-BD	blds	ciar				0			
	UR-FL-UL-DB	bldw	ciau				0			
	UR-FL-UB-UL	blad	ciba	vjvb task wk	R F R U' S' U S R' F' R'		10			
	UR-FL-UB-LU	blae	cibe				0			
	UR-FL-UB-BR	blat	cibm				0			
	UR-FL-UB-RF	blap	cibo				0			
	UR-FL-UB-DL	blax	cibt	jvku asbs jwk	R F R' S2 U S U' S R F' R'		11			
	UR-FL-UB-DB	blaw	cibu				0			
	UR-FL-UB-DR	blav	cibv				0			
	UR-FL-DF-UL	blud	cida				0		O	
	UR-FL-DF-UB	bla	cidb				0			
	UR-FL-DF-LU	blue	cide				0		O	
	UR-FL-DF-LB	bluh	cidk				0		P	
	UR-FL-DF-BR	blut	cidm				0			
	UR-FL-DF-RF	blup	cido				0			
	UR-FL-DF-BD	blus	cidr				0		O	
	UR-FL-DF-RD	bluo	cids				0			
	UR-FL-DF-DL	blux	cidt				0			
	UR-FL-LU-UB	blea	cieb				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-FL-LU-DF	bleu	cied				0			
	UR-FL-LU-BU	bleq	cief				0			
	UR-FL-LU-FU	blei	cieh				0			
	UR-FL-LU-LB	bleh	ciek				0			
	UR-FL-LU-BL	bler	ciel				0			
	UR-FL-LU-RB	blen	cien				0			
	UR-FL-LU-RF	blep	cieo				0			
	UR-FL-LU-FR	blej	ciep	amku jahb nar gc	U r' S2 R U L' U' M' U E2 L U2		13			
	UR-FL-LU-LD	bleg	cieq				0			
	UR-FL-BU-DF	blqu	cifd				0			
	UR-FL-BU-LU	blqe	cife				0			
	UR-FL-BU-LB	blqh	cifik				0			
	UR-FL-BU-BL	blqr	cifl				0			
	UR-FL-BU-RB	blqn	cifn				0			
	UR-FL-BU-RF	blqp	cifo				0			
	UR-FL-BU-FR	blqj	cifp				0			
	UR-FL-BU-LD	blqg	cifq				0			
	UR-FL-BU-BD	blqs	cifr				0			
	UR-FL-BU-DB	blqw	cifu				0			
	UR-FL-BU-DR	blqv	cifv				0			
	UR-FL-RU-LU	blme	cige				0			
	UR-FL-FU-LU	blie	cihe				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-FL-FU-LB	blih	cihk				0			
	UR-FL-FU-FR	blij	cihp				0			
	UR-FL-FU-LD	blig	cihq				0			
	UR-FL-FU-DL	blix	ciht				0			
	UR-FL-FU-DB	bliw	cihu				0			
	UR-FL-LB-UL	blhd	cika				0			
	UR-FL-LB-UB	blha	cikb				0			
	UR-FL-LB-LU	blhe	cike				0			
	UR-FL-LB-BU	blhq	cikf				0			
	UR-FL-LB-FU	blhi	cikh				0			
	UR-FL-LB-BR	blht	cikm				0			
	UR-FL-LB-RB	blhn	cikn				0			
	UR-FL-LB-FR	blhj	cikp				0			
	UR-FL-LB-LD	blhg	cikq				0			
	UR-FL-LB-RD	blho	ciks				0			
	UR-FL-LB-DL	blhx	cikt				0			
	UR-FL-LB-DR	blhv	cikv	sags gti bt	S U L S L S' L2 U' S'		9			
	UR-FL-BL-UL	blrld	cila				0			
	UR-FL-BL-UB	blrar	cilb				0			
	UR-FL-BL-LU	blrer	cile				0		L	
	UR-FL-BL-RU	blrmr	cilg				0			
	UR-FL-BL-LB	blrhr	cilk				0		O	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-FL-BL-RB	blrn	ciln					0		
	UR-FL-BL-FR	blrj	cilp	gbgq hsat hp	L U' L E' L' S U S' L' E			10		
	UR-FL-BL-RD	blro	cils					0		
	UR-FL-BL-DR	blrv	cilv					0		
	UR-FL-BR-UL	bltd	cima					0		
	UR-FL-BR-UB	blta	cimb	knvo wkwo vlm	R' M' F M2 F' R' F' M2 F R2 M			11		
	UR-FL-BR-DF	bltu	cimd	dsjd nwmv ekte	D S R D M' F' M F D' R' S' D'			12		
	UR-FL-BR-BU	bltq	cimf					0		
	UR-FL-BR-FU	blti	cimh					0		
	UR-FL-BR-LB	blth	cimk					0		
	UR-FL-BR-BL	bltr	ciml					0		
	UR-FL-BR-RF	bltp	cimo					0		
	UR-FL-BR-FR	bltj	cimp					0		
	UR-FL-BR-LD	bltg	cimq					0		
	UR-FL-BR-RD	blto	cims					0		
	UR-FL-BR-DL	bltx	cimt					0		0
	UR-FL-RB-UB	blna	cinb					0		
	UR-FL-RB-DF	blnu	cind	bvhb gvjv jwkxa	U' F L' U' L F R F R F' R' F2 U			13		0
	UR-FL-RB-LB	blnh	cink					0		
	UR-FL-RB-RF	blnp	cino					0		
	UR-FL-RB-LD	blng	cinq					0		
	UR-FL-RB-BD	blns	cinr					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-FL-RB-RD	blno		cins					0		
UR-FL-RB-DR	blnv		cinv					0		
UR-FL-RF-UL	blpd		cioa					0		
UR-FL-RF-UB	blpa		ciob					0		0
UR-FL-RF-DF	blpu		ciod					0		
UR-FL-RF-FU	blpi		cioh					0		
UR-FL-RF-BR	blpt		ciom					0		
UR-FL-RF-RB	blpn		cion					0		
UR-FL-RF-RD	blpo		cios					0		
UR-FL-RF-DL	blpx		ciot					0		
UR-FL-RF-DB	blpw		ciou					0		
UR-FL-RF-DR	blpv		ciov					0		
UR-FL-FR-UL	bljd		cipa					0		F
UR-FL-FR-DF	blju		cipd					0		
UR-FL-FR-LU	blje		cipe					0		
UR-FL-FR-BL	bljr		cipl					0		
UR-FL-FR-BR	bljt		cipm					0		
UR-FL-FR-RB	bljn		cipn					0		
UR-FL-FR-BD	bljs		cipr					0		
UR-FL-FR-RD	bljo		cips					0		
UR-FL-FR-DL	bljx		cipt					0		
UR-FL-FR-DR	bljv		cipv					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-FL-LD-UL	blgd		ciqa					0		
UR-FL-LD-DF	blgu		ciqd					0		
UR-FL-LD-BL	blgr		ciql					0		
UR-FL-LD-RB	blgn		ciqn					0		
UR-FL-LD-FR	blgj		ciqp					0		
UR-FL-LD-BD	blgs		ciqr					0		
UR-FL-LD-DR	blgv		ciqv					0		
UR-FL-BD-UL	blsd		cira					0		
UR-FL-BD-UB	blsa		cirb					0		
UR-FL-BD-DF	blsu		cird					0		
UR-FL-BD-LU	blse		cire					0		
UR-FL-BD-FU	blsi		cirh					0		
UR-FL-BD-LB	blsh		cirk					0		
UR-FL-BD-BL	blsr		cirl					0		
UR-FL-BD-BR	blst		cirm					0		
UR-FL-BD-RB	blsn		cirn					0		0
UR-FL-BD-RF	blsp		ciro					0		
UR-FL-BD-FR	blsj		cirp					0		
UR-FL-BD-LD	blsg		cirq					0		
UR-FL-BD-RD	blso		cirs					0		F
UR-FL-BD-DL	blsx		cirt					0		
UR-FL-RD-UB	bloa		cisb					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-FL-RD-DF	blou	cisd				0			
	UR-FL-RD-LU	bloe	cise				0			A
	UR-FL-RD-BU	bloq	cisf				0			P
	UR-FL-RD-BL	blor	cisl				0			
	UR-FL-RD-RB	blon	cism	sjen wmvd kt	S R D' M' F' M F D R' S'		10			
	UR-FL-RD-RF	blop	ciso				0			P
	UR-FL-RD-FR	bloj	cisp				0			
	UR-FL-RD-LD	blog	cisq				0			
	UR-FL-RD-BD	blos	cistr				0			
	UR-FL-RD-DL	blox	cist				0			O
	UR-FL-RD-DB	blow	cisu				0			
	UR-FL-DL-UL	blxd	cita				0			O
	UR-FL-DL-UB	blxa	citb				0			O
	UR-FL-DL-DF	blxu	citd				0			C
	UR-FL-DL-LU	blxe	cite				0			A
	UR-FL-DL-BU	blxq	citf				0			
	UR-FL-DL-BL	blxr	citl				0			
	UR-FL-DL-RB	blxn	citn				0			
	UR-FL-DL-RF	blxp	cito				0			
	UR-FL-DL-BD	blxs	citr				0			O
	UR-FL-DL-RD	blxo	cits				0			
	UR-FL-DL-DB	blxw	citu				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-FL-DB-UL	blwd	ciua				0			
	UR-FL-DB-LU	blwe	ciue				0			
	UR-FL-DB-BU	blwq	ciuf				0			
	UR-FL-DB-FU	blwi	ciuh				0			
	UR-FL-DB-LB	blwh	ciuk				0			
	UR-FL-DB-BL	blwr	ciul				0			
	UR-FL-DB-RF	blwp	ciuo				0			
	UR-FL-DB-FR	blwj	ciup				0			
	UR-FL-DB-LD	blwg	ciuq	bvia manc iwa	U' F L2 U M U M' U2 L2 F' U		11			
	UR-FL-DB-RD	blwo	cius				0			
	UR-FL-DB-DL	blwx	ciut				0			
	UR-FL-DB-DR	blwv	ciuv	mgasd tneh	I S D S' M' D' L'		8			
	UR-FL-DR-UL	blvd	civa				0			
	UR-FL-DR-DF	blvu	civd	djqv pnwm ke	D R E' F E M' F' r' D'		10			
	UR-FL-DR-BR	blvt	civm				0			
	UR-FL-DR-RB	blvn	civn				0			
	UR-FL-DR-FR	blvj	civp				0			
	UR-FL-DR-LD	blvg	civq				0			
	UR-FL-DR-BD	blvs	civr				0			
	UR-LF-UL-UB	bfda	cjab				0			
	UR-LF-UL-DF	bfdu	cjad	wjwd sjtk evkv	F' R F' D S R S' R' D' F R' F		12			
	UR-LF-UL-BU	bfdq	cjaf				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-LF-UL-FU	bfdi	cjah				0			
	UR-LF-UL-LB	bfdh	cjak				0			
	UR-LF-UL-BL	bfdr	cjal				0			
	UR-LF-UL-BR	bfdt	cjam				0			
	UR-LF-UL-RB	bfdn	cjan				0			
	UR-LF-UL-RF	bfdp	cjao				0			
	UR-LF-UL-FR	bfdj	cjap				0			
	UR-LF-UL-LD	bfdg	cjaq				0			
	UR-LF-UL-BD	bfds	cjar				0			
	UR-LF-UL-RD	bfdo	cjas				0			
	UR-LF-UL-DL	bfdx	cjat				0			
	UR-LF-UL-DR	bfdv	cjav				0			
	UR-LF-UB-UL	bfad	cjba	sgct auat ht	S L U2 S' U S2 U S' L' S'		10			
	UR-LF-UB-DF	bfau	cjbd				0			
	UR-LF-UB-LU	bfae	cjbe				0			
	UR-LF-UB-FU	bfai	cjbh				0			
	UR-LF-UB-LB	bfah	cjbk				0			
	UR-LF-UB-BL	bfar	cjbl				0			
	UR-LF-UB-BR	bfat	cjbm				0			
	UR-LF-UB-RB	bfan	cjbn				0			
	UR-LF-UB-RF	bfap	cjbo				0			
	UR-LF-UB-LD	bfag	cjbq				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-LF-UB-BD	bfas		cjbr					0		
UR-LF-UB-RD	bfao		cjbs					0		
UR-LF-UB-DL	bfax		cjbt					0		
UR-LF-UB-DB	bfaw		cjbu					0		
UR-LF-UB-DR	bfav		cjbv					0		
UR-LF-DF-UL	bfud		cjda					0		
UR-LF-DF-UB	bfua		cjdb					0		
UR-LF-DF-LU	bfue		cjde					0		
UR-LF-DF-BU	bfuq		cjdf					0		
UR-LF-DF-LB	bfuh		cjdk					0		
UR-LF-DF-BL	bfur		cjdl					0		
UR-LF-DF-BR	bfut		cjdm					0		
UR-LF-DF-RB	bfun		cjdn					0		
UR-LF-DF-RF	bfup		cjdo					0		
UR-LF-DF-FR	bfuj		cjdp					0		
UR-LF-DF-BD	bfus		cjdr					0		
UR-LF-DF-RD	bfuo		cjds					0		
UR-LF-DF-DR	bfuv		cjdv					0		
UR-LF-LU-BU	bfeq		cjef					0		
UR-LF-LU-RU	bfem		cjeg					0		
UR-LF-LU-FU	bfei		cjeh					0		
UR-LF-LU-LB	bfeh		cjek					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-LF-LU-BL	bfer		cjel					0		
UR-LF-LU-BR	bfet		cjem					0		
UR-LF-LU-RB	bfen		cjen					0		
UR-LF-LU-RF	bfep		cjeo					0		
UR-LF-LU-FR	bfej		cjep					0		
UR-LF-LU-BD	bfes		cjer					0		
UR-LF-LU-DL	bfex		cjet					0		
UR-LF-BU-UL	bfqd		cjfa					0		
UR-LF-BU-DF	bfqu		cjfd					0		
UR-LF-BU-LB	bfqh		cjfk					0		
UR-LF-BU-BL	bfqr		cjfl					0		
UR-LF-BU-BR	bfqt		cjfm					0		
UR-LF-BU-LD	bfqg		cjfq					0		
UR-LF-BU-BD	bfqs		cjfr					0		
UR-LF-BU-DB	bfqw		cjfu					0		
UR-LF-RU-LD	bfmg		cjgq					0		
UR-LF-FU-UB	bfia		cjhб					0		
UR-LF-FU-LU	bfie		cjhe					0		
UR-LF-FU-FR	bfij		cjhп					0		
UR-LF-FU-DL	bfix		cjht					0		
UR-LF-FU-DB	bfiw		cjhu					0		
UR-LF-FL-LD	bflg		cjiq					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-LF-LB-UL	bfhd	cjka					0		
	UR-LF-LB-UB	bfha	cjkb					0		
	UR-LF-LB-DF	bfhu	cjkd					0		
	UR-LF-LB-LU	bfhe	cjke					0		
	UR-LF-LB-BU	bfhq	cjkf					0		
	UR-LF-LB-FU	bfhi	cjkh					0		
	UR-LF-LB-RF	bfhp	cjko					0		
	UR-LF-LB-FR	bfhj	cjkp					0		
	UR-LF-LB-LD	bfhg	cjkq					0		
	UR-LF-LB-RD	bfho	cjks					0		
	UR-LF-LB-DL	bfhx	cjkt					0		A
	UR-LF-LB-DR	bfhv	cjkv	kvrw pwq wj	R' F E2 F E F' E F' R		9			
	UR-LF-BL-UL	bfrd	cjla					0		
	UR-LF-BL-UB	bfra	cjlб					0		
	UR-LF-BL-DF	bfru	cjld					0		
	UR-LF-BL-LU	bfre	cjle					0		
	UR-LF-BL-BU	bfrq	cjlф					0		
	UR-LF-BL-FU	bfri	cjlh					0		O
	UR-LF-BL-BR	bfrt	cjlm					0		
	UR-LF-BL-RB	bfrn	cjin					0		
	UR-LF-BL-RF	bfrp	cjlo					0		
	UR-LF-BL-FR	bfrj	cjlp					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-LF-BL-LD	bfrg		cjlq					0		
UR-LF-BL-RD	bfrō		cjls					0		A
UR-LF-BL-DL	bfrx		cjlł					0		O
UR-LF-BL-DR	bfrv		cjlv					0		
UR-LF-BR-UL	bftd		cjma					0		
UR-LF-BR-UB	bfta		cjmb					0		
UR-LF-BR-DF	bftu		cjmd					0		
UR-LF-BR-LU	bfte		cjme					0		A
UR-LF-BR-BU	bftq		cjm̄f					0		
UR-LF-BR-FU	bfti		cjm̄h					0		
UR-LF-BR-LB	bft̄h		cjm̄k					0		
UR-LF-BR-RF	bftp		cjm̄o					0		
UR-LF-BR-FR	bftj		cjmp					0		O
UR-LF-BR-LD	bftg		cjm̄q					0		
UR-LF-BR-RD	bfto		cjm̄s					0		
UR-LF-BR-DB	bftw		cjm̄u					0		
UR-LF-BR-DR	bftv		cjm̄v					0		
UR-LF-RB-BU	bfnq		cjnf					0		
UR-LF-RB-FU	bfn̄i		cjnh					0		
UR-LF-RB-RF	bfn̄p		cjno					0		
UR-LF-RB-FR	bfn̄j		cjnp					0		
UR-LF-RB-LD	bfn̄g		cjnq					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-LF-RB-BD	bfns		cjnr					0		
UR-LF-RB-DL	bfnx		cjnt					0		
UR-LF-RB-DB	bfnw		cjnu					0		0
UR-LF-RB-DR	bfnv		cjnv					0		
UR-LF-RF-UL	bfpd		cjoa					0		
UR-LF-RF-UB	bfpa		cjob					0		
UR-LF-RF-DF	bfpu		cjod					0		
UR-LF-RF-LU	bfpe		cjoe					0		
UR-LF-RF-BU	bfpq		cjof					0		
UR-LF-RF-FU	bfpi		cjoh					0		
UR-LF-RF-LB	bfph		cjok					0		
UR-LF-RF-BL	bfpr		cjol					0		A
UR-LF-RF-BR	bfpt		cjom					0		
UR-LF-RF-LD	bfpg		cjoq					0		
UR-LF-RF-BD	bfps		cjor					0		
UR-LF-RF-RD	bfpo		cjos					0		
UR-LF-RF-DL	bfpx		cjot					0		
UR-LF-RF-DB	bfpw		cjou					0		
UR-LF-RF-DR	bfpv		cjov					0		
UR-LF-FR-UL	bfjd		cjpa					0		
UR-LF-FR-UB	bfja		cjpб					0		
UR-LF-FR-DF	bfju		cjpd					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-LF-FR-LU	bfje		cjpe					0		
UR-LF-FR-BU	bfjq		cjp ^f					0		
UR-LF-FR-LB	bfjh		cjp ^k					0		
UR-LF-FR-BL	bfjr		cjp ^l					0		
UR-LF-FR-BR	bfjt		cjp ^m					0		
UR-LF-FR-RB	bfjn		cjp ⁿ					0		
UR-LF-FR-LD	bfjg		cjp ^q					0		
UR-LF-FR-BD	bfjs		cjp ^r					0		
UR-LF-FR-RD	bfjo		cjp ^s					0		
UR-LF-FR-DL	bfjx		cjp ^t					0		
UR-LF-FR-DB	bfjw		cjp ^u					0		
UR-LF-FR-DR	bfjv		cjp ^v					0		
UR-LF-LD-UL	bfgd		cjq ^a					0		
UR-LF-LD-UB	bfga		cjq ^b					0		
UR-LF-LD-DF	bfgu		cjq ^d					0		
UR-LF-LD-LU	bfge		cjq ^e					0		
UR-LF-LD-BU	bfqq		cjq ^f					0		
UR-LF-LD-FU	bfgi		cjq ^h					0		
UR-LF-LD-LB	bfgh		cjq ^k					0		
UR-LF-LD-BL	bfgr		cjq ^l					0		
UR-LF-LD-BR	bfgt		cjq ^m					0		
UR-LF-LD-RB	bfgn		cjq ⁿ					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-LF-LD-RF	bfgp	cjqa				0			
	UR-LF-LD-FR	bfgj	cjqp				0			
	UR-LF-LD-BD	bfgs	cjqr				0			
	UR-LF-LD-DB	bfgw	cjqu				0			
	UR-LF-LD-DR	bfgv	cjqv				0			
	UR-LF-BD-UL	bfsd	cjra				0			
	UR-LF-BD-UB	bfsa	cjrb				0			
	UR-LF-BD-DF	bfsu	cjrd	kasa nwmv btbj	R' U S U M' F' M F U' S' U' R		12			
	UR-LF-BD-LU	bfse	cjre				0			
	UR-LF-BD-BU	bfsq	cjrf				0			
	UR-LF-BD-LB	bfsh	cjrk				0			
	UR-LF-BD-BL	bfsr	cjrl				0			
	UR-LF-BD-BR	bfst	cjrm				0			
	UR-LF-BD-RB	bfsn	cjrn				0			
	UR-LF-BD-RF	bfsp	cjro				0			
	UR-LF-BD-FR	bfsj	cjrp				0			
	UR-LF-BD-LD	bfsg	cjrq				0			
	UR-LF-BD-RD	bfso	cjrs				0			
	UR-LF-BD-DL	bfsx	cjrt				0			
	UR-LF-BD-DR	bfsv	cjrv				0			
	UR-LF-RD-UL	bfov	cjsa				0			
	UR-LF-RD-BU	bfoq	cjsf				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		L
	UR-LF-RD-BL	bfor	cjsl					0		
	UR-LF-RD-RB	bfon	cjsn	cwbk vavj vbkc	U2 F' U' R' F U F R F U' R' U2			12		
	UR-LF-RD-FR	bfoj	cjsp					0		
	UR-LF-RD-LD	bfov	cjsq	tlsb jpkd kqk	S' R2 S U' R E R' U R' E' R'			11		
	UR-LF-RD-BD	bfos	cjsr					0		
	UR-LF-RD-DB	bflow	cjsu					0		0
	UR-LF-DL-UL	bfxd	cjta					0		
	UR-LF-DL-UB	bfxa	cjtb					0		
	UR-LF-DL-DF	bf xu	cjtd					0		
	UR-LF-DL-LU	bf xe	cjte					0		
	UR-LF-DL-BU	bf xq	cjtf					0		0
	UR-LF-DL-RU	bf xm	cjt g					0		
	UR-LF-DL-LB	bf xh	cjtk					0		
	UR-LF-DL-BL	bf xr	cjtl					0		
	UR-LF-DL-BR	bf xt	cjtm					0		
	UR-LF-DL-RB	bf xn	cjtn	jbx t ksjx ak	R U' F2 S' R' S R F2 U R'			10		
	UR-LF-DL-RF	bf xp	cjto					0		
	UR-LF-DL-BD	bf xs	cjtr					0		
	UR-LF-DL-RD	bf xo	cjts					0		0
	UR-LF-DL-DB	bf xw	cjtu					0		
	UR-LF-DL-DR	bf xv	cjtv					0		
	UR-LF-DB-UL	bf wd	cjua					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-LF-DB-UB	bfwa	cjub				0			
	UR-LF-DB-DF	bfwu	cjud	mcma vnxn va	M U2 M U F M' F2 M' F U		10			
	UR-LF-DB-LU	bfwe	cjue				0			
	UR-LF-DB-BU	bfwq	cjuf				0			
	UR-LF-DB-LB	bfwh	cjuk	shmd ntes gt	S L' M D M' S' D' S L S'		10			
	UR-LF-DB-BL	bfwr	cjul				0			
	UR-LF-DB-BR	bfwt	cjum				0			
	UR-LF-DB-RB	bfwn	cjun				0			
	UR-LF-DB-RF	bfwp	cjuo				0			
	UR-LF-DB-FR	bfwj	cjup				0			
	UR-LF-DB-LD	bfwg	cjuq				0			
	UR-LF-DB-RD	bfwo	cjus				0			
	UR-LF-DB-DL	bfwx	cjut				0			
	UR-LF-DB-DR	bfwv	cjuv				0			
	UR-LF-DR-UL	bfvd	cjva				0			
	UR-LF-DR-UB	bfva	cjvb				0			
	UR-LF-DR-DF	bfvu	cjvd				0			
	UR-LF-DR-LU	bfve	cjve				0			
	UR-LF-DR-BU	bfvq	cjvf				0			
	UR-LF-DR-FU	bfvi	cjvh				0			
	UR-LF-DR-RB	bfvn	cjvn				0			
	UR-LF-DR-RF	bfvp	cjvo				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-LF-DR-FR	bfvj	cjvp				0			
	UR-LF-DR-BD	bvfs	cjvr				0			
	UR-LB-UL-UB	bhda	ckab				0			
	UR-LB-UL-BU	bhdq	ckaf				0			
	UR-LB-UL-FU	bhdi	ckah				0			
	UR-LB-UL-FL	bhdl	ckai				0			
	UR-LB-UL-BR	bhdt	ckam				0			
	UR-LB-UL-RF	bhdp	ckao				0			
	UR-LB-UL-LD	bhdg	ckaq				0			
	UR-LB-UL-BD	bhds	ckar				0			
	UR-LB-UL-RD	bhdo	ckas				0			
	UR-LB-UL-DL	bhdx	ckat				0			
	UR-LB-UL-DR	bhdv	ckav				0			
	UR-LB-UB-UL	bhad	ckba	odsh tith seo	M2 D S L' S' L2 S' L' S D' M2		11			
	UR-LB-UB-DF	bhau	ckbd				0			
	UR-LB-UB-FU	bhai	ckbh				0			
	UR-LB-UB-FL	bhal	ckbi	kpvq wmv nxj	R' F E F E' F' M F M' F2 R		11			
	UR-LB-UB-LF	bhaf	ckbj				0			
	UR-LB-UB-BR	bhat	ckbm				0			
	UR-LB-UB-RB	bhan	ckbn				0			
	UR-LB-UB-RF	bhap	ckbo				0			
	UR-LB-UB-FR	bhaj	ckbp				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-LB-UB-LD	bhag	ckbq					0		
	UR-LB-UB-BD	bhas	ckbr					0		
	UR-LB-UB-DL	bhax	ckbt					0		
	UR-LB-DF-UL	bhud	ckda					0		
	UR-LB-DF-UB	bhua	ckdb					0		
	UR-LB-DF-LU	bhue	ckde					0		
	UR-LB-DF-BU	bhuq	ckdf	kvmv npwq wj	R' F M F M' E F' E' F' R			10		
	UR-LB-DF-FL	bhul	ckdi					0		
	UR-LB-DF-LF	bhuf	ckdj					0		
	UR-LB-DF-BL	bhur	ckdl					0		
	UR-LB-DF-BR	bhut	ckdm					0		
	UR-LB-DF-RB	bhun	ckdn					0		
	UR-LB-DF-RF	bhup	ckdo					0		
	UR-LB-DF-FR	bhuj	ckdp					0		
	UR-LB-DF-LD	bhug	ckdq					0		
	UR-LB-DF-BD	bhus	ckdr					0		
	UR-LB-DF-RD	bhuo	ckds					0		
	UR-LB-DF-DL	bhux	ckdt					0		
	UR-LB-DF-DB	bhuw	ckdu					0		
	UR-LB-DF-DR	bhuv	ckdv					0		
	UR-LB-LU-UB	bhea	ckebl					0		
	UR-LB-LU-DF	bheu	cked					0		A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-LB-LU-BU	bheq	ckef					0			
UR-LB-LU-FL	bhel	ckeい					0			
UR-LB-LU-LF	bhef	ckeじ					0		0	
UR-LB-LU-BR	bhet	ckem					0			
UR-LB-LU-RB	bhen	cken					0			
UR-LB-LU-RF	bhep	ckeօ					0		A	
UR-LB-LU-FR	bhej	ckeպ					0			
UR-LB-LU-LD	bheg	ckeզ					0		0	
UR-LB-LU-BD	bhes	cker					0		0	
UR-LB-LU-RD	bheo	ckes					0		0	
UR-LB-LU-DL	bhex	cket					0			
UR-LB-LU-DB	bhew	ckeս					0			
UR-LB-LU-DR	bhev	ckeվ					0			
UR-LB-BU-UL	bhqd	ckfa					0			
UR-LB-BU-DF	bhqu	ckfd					0		0	
UR-LB-BU-LU	bhqe	ckfe					0			
UR-LB-BU-FU	bhqj	ckfh					0			
UR-LB-BU-FL	bhql	ckfi					0			
UR-LB-BU-LF	bhqf	ckfj					0		0	
UR-LB-BU-LD	bhqg	ckfq					0		A	
UR-LB-BU-BD	bhqs	ckfr					0			
UR-LB-BU-RD	bhqe	ckfs					0		A	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		0
UR-LB-BU-DL	bhqx		ckft				0			0
UR-LB-BU-DB	bhqw		ckfu				0			0
UR-LB-RU-UL	bhmd		ckga				0			0
UR-LB-RU-UB	bhma		ckgb				0			0
UR-LB-RU-DF	bhmu		ckgd				0			0
UR-LB-RU-LU	bhme		ckge				0			0
UR-LB-RU-BU	bhmq		ckgf				0			A
UR-LB-RU-FU	bhmi		ckgh				0			0
UR-LB-RU-FL	bhml		ckgi				0			0
UR-LB-RU-LF	bhmf		ckgj				0			0
UR-LB-RU-BR	bhmt		ckgm				0			0
UR-LB-RU-RB	bhmn		ckgn				0			0
UR-LB-RU-RF	bhmp		ckgo				0			0
UR-LB-RU-FR	bhmj		ckgp				0			A
UR-LB-RU-LD	bhmg		ckgq				0			0
UR-LB-RU-BD	bhms		ckgr				0			0
UR-LB-RU-RD	bhmo		ckgs				0			0
UR-LB-RU-DL	bhmx		ckgt				0			0
UR-LB-RU-DB	bhmw		ckgu				0			0
UR-LB-RU-DR	bhmv		ckgv				0			0
UR-LB-FU-FL	bhil		ckhi				0			0
UR-LB-FU-LF	bhif		ckhj				0			0

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-LB-FU-FR	bhij	ckhp				0			
	UR-LB-FU-LD	bhig	ckhq				0			A
	UR-LB-FU-BD	bhis	ckhr				0			
	UR-LB-FU-DL	bhix	ckht				0			
	UR-LB-FU-DB	bhiw	ckhu				0			
	UR-LB-FL-UL	bhld	ckia				0			P
	UR-LB-FL-UB	bhla	ckib				0			
	UR-LB-FL-DF	bhlu	ckid				0			
	UR-LB-FL-LU	bhle	ckie				0			
	UR-LB-FL-BU	bhlq	ckif				0			
	UR-LB-FL-FU	bhli	ckih				0			
	UR-LB-FL-BR	bhlt	ckim				0			
	UR-LB-FL-RB	bhln	ckin				0			A
	UR-LB-FL-FR	bhlj	ckip				0			
	UR-LB-FL-LD	bhlq	ckiq				0			
	UR-LB-FL-BD	bhls	ckir				0			
	UR-LB-FL-RD	bhlo	cks				0			
	UR-LB-FL-DL	bhlx	ckit				0			
	UR-LB-FL-DB	bhlw	ckiu				0			
	UR-LB-FL-DR	bhlv	ckiv				0			
	UR-LB-LF-LU	bhfe	ckje				0			
	UR-LB-LF-BU	bhfq	ckjf				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-LB-LF-FU	bhfi	ckjh				0			
	UR-LB-LF-BR	bhft	ckjm				0			
	UR-LB-LF-RF	bhfp	ckjo				0			
	UR-LB-LF-FR	bhfj	ckjp				0			
	UR-LB-LF-RD	bhfo	ckjs				0			
	UR-LB-LF-DL	bhfx	ckjt				0			
	UR-LB-LF-DB	bhfw	ckju				0			
	UR-LB-BL-FL	bhrl	ckli				0		0	
	UR-LB-BR-UB	bhta	ckmb				0			
	UR-LB-BR-DF	bhtu	ckmd				0			
	UR-LB-BR-LU	bhte	ckme				0			
	UR-LB-BR-FU	bhti	ckmh				0			
	UR-LB-BR-FL	bhtl	ckmi				0			
	UR-LB-BR-RF	bhtp	ckmo				0			
	UR-LB-BR-FR	bhtj	ckmp				0			
	UR-LB-BR-LD	bhtg	ckmq				0		A	
	UR-LB-BR-DL	bhtx	ckmt				0		A	
	UR-LB-BR-DB	bhtw	ckmu				0			
	UR-LB-RB-UL	bhnd	ckna	vipk qtjs iw	F L2 E R' E' S' R S L2 F'		10		A	
	UR-LB-RB-DF	bhnu	cknd				0			
	UR-LB-RB-BU	bhnq	cknf				0			
	UR-LB-RB-BL	bhnr	cknl				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-LB-RB-LD	bhng		cknq					0		
UR-LB-RB-BD	bhns		cknr					0		
UR-LB-RF-UL	bhpd		ckoa					0		
UR-LB-RF-DF	bhpu		ckod					0		
UR-LB-RF-LU	bhpe		ckoē					0		
UR-LB-RF-BU	bhpq		ckof					0		
UR-LB-RF-RU	bhpm		ckog					0		
UR-LB-RF-FU	bhpi		ckoh					0		
UR-LB-RF-LF	bhpf		ckoj					0		
UR-LB-RF-BR	bhpt		ckom					0		
UR-LB-RF-RB	bhpn		ckon					0		
UR-LB-RF-LD	bhpg		ckoq					0		
UR-LB-RF-BD	bhps		ckor					0		
UR-LB-RF-RD	bhpo		ckos					0		
UR-LB-RF-DL	bhpx		ckot					0		
UR-LB-RF-DB	bhpw		ckou					0		
UR-LB-RF-DR	bhpv		ckov					0		
UR-LB-FR-UB	bhja		ckpb					0		
UR-LB-FR-DF	bhju		ckpd					0		
UR-LB-FR-LU	bhje		ckpe					0		
UR-LB-FR-BU	bhjq		ckpf					0		
UR-LB-FR-FU	bhji		ckph					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-LB-FR-FL	bhjl	ckpi					0		
	UR-LB-FR-LF	bhjf	ckpj					0		0
	UR-LB-FR-RB	bhjn	ckpn					0		
	UR-LB-FR-BD	bhjs	ckpr	xnjr wqvq mkx	F2 r E2 F' E' F E' r' F2			11		
	UR-LB-FR-RD	bhjo	ckps					0		0
	UR-LB-FR-DB	bhjw	ckpu					0		A
	UR-LB-LD-UL	bhgd	ckqa					0		
	UR-LB-LD-DF	bhgu	ckqd					0		A
	UR-LB-LD-BU	bhgq	ckqf					0		
	UR-LB-LD-FL	bhgl	ckqi					0		
	UR-LB-LD-LF	bhgf	ckqj					0		
	UR-LB-LD-BR	bhgt	ckqm					0		
	UR-LB-LD-RB	bhgn	ckqn					0		
	UR-LB-LD-RF	bhgp	ckqo					0		
	UR-LB-LD-FR	bhgj	ckqp					0		
	UR-LB-LD-BD	bhgs	ckqr	emdj pvnw kbta	D' M D R E F M' F' R' U' S' U			12		F
	UR-LB-LD-RD	bhgo	ckqs					0		
	UR-LB-LD-DB	bhgw	ckqu					0		
	UR-LB-LD-DR	bhgv	ckqv					0		
	UR-LB-BD-UL	bhsd	ckra					0		
	UR-LB-BD-UB	bhsa	ckrb					0		
	UR-LB-BD-DF	bhsu	ckrd					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-LB-BD-LU	bhse		ckre					0		
UR-LB-BD-FU	bhsı		ckrh					0		
UR-LB-BD-FL	bhsı		ckri					0		
UR-LB-BD-LF	bhsf		ckrj					0		
UR-LB-BD-BR	bhst		ckrm					0		
UR-LB-BD-RB	bhsn		ckrn					0		0
UR-LB-BD-RF	bhsp		ckro					0		0
UR-LB-BD-FR	bhsj		ckrp					0		A
UR-LB-BD-LD	bhsg		ckrq					0		
UR-LB-BD-RD	bhsı		ckrs					0		
UR-LB-BD-DL	bhsx		ckrt					0		0
UR-LB-BD-DR	bhsv		ckrv					0		
UR-LB-RD-UL	bhod		cksa					0		
UR-LB-RD-UB	bhoa		cksb					0		
UR-LB-RD-DF	bhou		cksd					0		
UR-LB-RD-LU	bhoe		ckse					0		
UR-LB-RD-BU	bhoq		cksf					0		
UR-LB-RD-BR	bhot		cksm					0		
UR-LB-RD-RB	bhon		cksn					0		
UR-LB-RD-FR	bhoj		cksp					0		
UR-LB-RD-LD	bhog		cksq					0		
UR-LB-RD-DL	bbox		ckst					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		0
UR-LB-RD-DB	bhow	cksu					0			0
UR-LB-DL-UL	bhxd	ckta					0			0
UR-LB-DL-UB	bhxa	cktб					0			0
UR-LB-DL-DF	bhxu	cktd					0			0
UR-LB-DL-LU	bhxe	ckte					0			0
UR-LB-DL-BU	bhxq	cktf					0			0
UR-LB-DL-FU	bhxi	ckth					0			0
UR-LB-DL-LF	bhxf	cktj					0			0
UR-LB-DL-BR	bhxt	cktm					0			0
UR-LB-DL-RB	bhxn	cktn					0			0
UR-LB-DL-RF	bhxp	ckto					0			0
UR-LB-DL-FR	bhxj	cktp					0			0
UR-LB-DL-BD	bhxs	cktr					0			0
UR-LB-DL-RD	bhxo	ckts					0			0
UR-LB-DL-DB	bhxw	cktu					0			0
UR-LB-DB-UL	bhwд	ckua					0			0
UR-LB-DB-UB	bhwa	ckub					0			0
UR-LB-DB-DF	bhwu	ckud					0			0
UR-LB-DB-BU	bhwq	ckuf					0			0
UR-LB-DB-FU	bhwі	ckuh					0			0
UR-LB-DB-FL	bhwі	ckui					0			0
UR-LB-DB-LF	bhwf	ckuj					0			0

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-LB-DB-BR	bhw <small>t</small>	ckum				0			
	UR-LB-DB-FR	bhw <small>j</small>	ckup				0			
	UR-LB-DB-LD	bhw <small>g</small>	ckuq	gbga mbhc nbh	L U' L U M U' L' U2 M' U' L'		11			
	UR-LB-DB-RD	bhw <small>o</small>	ckus				0			
	UR-LB-DB-DL	bhw <small>x</small>	ckut				0			
	UR-LB-DB-DR	bhw <small>v</small>	ckuv				0		0	
	UR-LB-DR-UL	bhv <small>d</small>	ckva	vqjp skwt	F E' R E S R' f'		8			
	UR-LB-DR-UB	bhv <small>a</small>	ckvb				0			
	UR-LB-DR-DF	bhv <small>u</small>	ckvd				0			
	UR-LB-DR-BU	bhv <small>q</small>	ckvf				0			
	UR-LB-DR-BR	bhv <small>t</small>	ckvm				0		0	
	UR-LB-DR-RF	bhv <small>p</small>	ckvo	kbxr jpkp xaj	R' U' F2 E2 R E R' E F2 U R		11			
	UR-LB-DR-FR	bhv <small>j</small>	ckvp				0			
	UR-LB-DR-BD	bhv <small>s</small>	ckvr				0		0	
	UR-LB-DR-DL	bhv <small>x</small>	ckvt				0			
	UR-LB-DR-DB	bhv <small>w</small>	ckvu	evqj rjql wd	D' F E' R E2 R E' R2 F' D		10			
	UR-BL-UL-UB	brda	clab				0			
	UR-BL-UL-DF	brdu	clad				0		0	
	UR-BL-UL-BU	brdq	claf				0			
	UR-BL-UL-FU	brdi	clah				0			
	UR-BL-UL-LF	brdf	claj				0			
	UR-BL-UL-LB	brdh	clak				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-BL-UL-BR	brdt	clam				0		0	
	UR-BL-UL-RB	brdn	clan				0		0	
	UR-BL-UL-RF	brdp	ciao				0			
	UR-BL-UL-FR	brdj	clap				0		A	
	UR-BL-UL-LD	brdg	claq				0			
	UR-BL-UL-BD	brds	clar				0		A	
	UR-BL-UL-RD	brdo	clas				0		C	
	UR-BL-UL-DL	brdx	clat				0		0	
	UR-BL-UL-DB	brdw	clau				0		L	
	UR-BL-UL-DR	brdv	clav				0			
	UR-BL-UB-UL	brad	clba	jqiq keod tit	R E' L2 E' R' D' M2 D S' L2 S'		11		C	
	UR-BL-UB-DF	brau	clbd				0			
	UR-BL-UB-LU	brae	clbe				0			
	UR-BL-UB-FL	bral	clbi				0		0	
	UR-BL-UB-LF	braf	clbj				0		0	
	UR-BL-UB-BR	brat	clbm				0		0	
	UR-BL-UB-RF	brap	clbo				0			
	UR-BL-UB-FR	braj	clbp				0		A	
	UR-BL-UB-LD	brag	clbq				0			
	UR-BL-UB-BD	bras	clbr				0		F	
	UR-BL-UB-RD	brao	clbs	alwu gshs vib	U R2 F' S2 L S L' f R2 U'		11		A	
	UR-BL-UB-DL	brax	clbt				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-BL-UB-DR	brav		clbv					0		
UR-BL-DF-UB	brua		cldb					0		A
UR-BL-DF-LU	brue		clde					0		
UR-BL-DF-BU	bruq		cldf					0		
UR-BL-DF-LF	bruf		cldj					0		
UR-BL-DF-BR	brut		cldm					0		
UR-BL-DF-RF	brup		cldo					0		
UR-BL-DF-LD	brug		cldq					0		
UR-BL-DF-BD	brus		cldr					0		
UR-BL-DF-RD	bruo		clds					0		
UR-BL-DF-DR	bruv		cldv					0		
UR-BL-LU-DF	breu		cled					0		
UR-BL-LU-BU	breq		clef					0		L
UR-BL-LU-RU	brem		cleg					0		
UR-BL-LU-FU	brei		cleh					0		
UR-BL-LU-FL	brel		clei					0		A
UR-BL-LU-LF	bref		clej					0		C
UR-BL-LU-BR	bret		clem					0		A
UR-BL-LU-RB	bren		clen					0		A
UR-BL-LU-LD	breg		cleq					0		
UR-BL-LU-BD	bres		cler					0		
UR-BL-LU-RD	breo		cles					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-BL-LU-DB	brew	cleu				0			
	UR-BL-LU-DR	brev	clev				0			P
	UR-BL-LU-FD	brek	clex	vkpk psjt rjw	F R' E R' E S R S' E2 R F'		11			
	UR-BL-BU-FU	brqi	clfh				0			
	UR-BL-BU-FL	brql	clf <i>i</i>				0			
	UR-BL-BU-LD	brqg	clf <i>q</i>				0			
	UR-BL-BU-BD	brqs	clf <i>r</i>				0			C
	UR-BL-BU-DL	brqx	clf <i>t</i>				0			
	UR-BL-BU-DB	brqw	clf <i>u</i>				0			
	UR-BL-RU-RD	brmo	clgs				0			O
	UR-BL-FU-UL	brid	clha				0			
	UR-BL-FU-UB	bria	clhb				0			
	UR-BL-FU-LU	brie	clhe				0			O
	UR-BL-FU-BU	briq	clhf				0			
	UR-BL-FU-BR	brit	clhm				0			
	UR-BL-FU-RB	brin	clhn				0			
	UR-BL-FU-FR	brij	clhp				0			
	UR-BL-FU-LD	brig	clhq				0			
	UR-BL-FU-BD	bris	clhr				0			
	UR-BL-FU-DB	briw	clhu				0			
	UR-BL-FL-UL	brld	clia				0			
	UR-BL-FL-UB	brla	clib				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-BL-FL-DF	brlu		clid					0		
UR-BL-FL-LU	brle		clie					0		
UR-BL-FL-BU	brlq		clif					0		
UR-BL-FL-RB	brln		clin					0		
UR-BL-FL-RF	brlp		clio					0		
UR-BL-FL-FR	brlj		clip					0		
UR-BL-FL-LD	brlg		cliq					0		
UR-BL-FL-BD	brls		clir					0		
UR-BL-FL-RD	brlo		clis					0		
UR-BL-FL-DL	brlx		clit					0		P
UR-BL-FL-DB	brlw		cliu					0		A
UR-BL-LF-UL	brfd		clja					0		
UR-BL-LF-UB	brfa		cljb					0		
UR-BL-LF-LU	brfe		clje					0		
UR-BL-LF-BU	brfq		cljf					0		
UR-BL-LF-FU	brfi		cljh					0		
UR-BL-LF-BR	brft		cljm					0		
UR-BL-LF-RB	brfn		cljn					0		
UR-BL-LF-RF	brfp		cljo					0		
UR-BL-LF-LD	brfg		cljq					0		
UR-BL-LF-BD	brfs		cljr					0		
UR-BL-LF-DB	brfw		clju					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-BL-LF-DR	brfv	cljv				0			
	UR-BL-LB-DF	brhu	clkd				0			A
	UR-BL-LB-DL	brhx	clkf				0			
	UR-BL-BR-UL	brtd	clma				0			
	UR-BL-BR-UB	brta	clmb				0			
	UR-BL-BR-DF	brtu	clmd	awgr gphp hvb	U F' L E2 L E L' E L' F U'		11			
	UR-BL-BR-LU	brte	clme				0			A
	UR-BL-BR-BU	brtq	clmf				0			
	UR-BL-BR-FL	brtl	clmi				0			A
	UR-BL-BR-LF	brtf	clmj				0			
	UR-BL-BR-LB	brth	clmk				0			A
	UR-BL-BR-RF	brtp	clmo				0			
	UR-BL-BR-FR	brtj	clmp				0			0
	UR-BL-BR-BD	brts	clmr				0			
	UR-BL-BR-RD	brto	clms				0			
	UR-BL-BR-DL	brtx	clmt				0			
	UR-BL-BR-DB	brtw	clmu				0			
	UR-BL-BR-DR	brtv	clmv	mwpx pkrj wn	M F' E F2 E R' E2 R F' M'		10			
	UR-BL-RB-UL	brnd	clna				0			
	UR-BL-RB-FL	brnl	clni				0			P
	UR-BL-RB-LF	brnf	clnj				0			A
	UR-BL-RB-RF	brnp	clno				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-BL-RB-RD	brno	cins					0		
	UR-BL-RB-DL	brnx	cint					0		
	UR-BL-RB-DB	brnw	cinu					0		
	UR-BL-RB-DR	brnv	cinv					0		A
	UR-BL-RF-UL	brpd	cloa					0		O
	UR-BL-RF-DF	brpu	clod					0		O
	UR-BL-RF-LU	brpe	cloe					0		P
	UR-BL-RF-BU	brpq	clof					0		
	UR-BL-RF-FU	brpi	cloh					0		O
	UR-BL-RF-FL	brpl	cloi	maxp vqv bn	M U F2 E F E' F U' M'			9		
	UR-BL-RF-LF	brpf	cloj	kewp vqwp vqdj	R' D' F' E F E' F' E F E' D R			12		
	UR-BL-RF-LB	brph	clock					0		O
	UR-BL-RF-BR	brpt	clom					0		
	UR-BL-RF-RB	brpn	clon					0		O
	UR-BL-RF-LD	brpg	cloq					0		
	UR-BL-RF-BD	brps	clor					0		
	UR-BL-RF-RD	brpo	clos					0		A
	UR-BL-RF-DL	brpx	clot					0		O
	UR-BL-RF-DB	brpw	clou					0		O
	UR-BL-RF-DR	brpv	clov					0		O
	UR-BL-FR-UL	brjd	clpa					0		
	UR-BL-FR-UB	brja	clpb	mjvr wjwr vnl	M R F E2 F' R F' E2 F M' R2			11		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-BL-FR-DF	brju	clpd				0			
	UR-BL-FR-LU	brje	clpe				0			
	UR-BL-FR-BU	brjq	clpf	awbg satb havb	U' F' U' L S U S' U' L' U F U'		12			
	UR-BL-FR-FU	brji	clph				0			
	UR-BL-FR-FL	brjl	clpi	kbjr kqal qk	R' U' R E2 R' u R2 E' R'		10			
	UR-BL-FR-LF	brjf	clpj	wkvj skrw rjtv	F' R' F R S R' E2 F' E2 R S' F		12			
	UR-BL-FR-BR	brjt	clpm				0			
	UR-BL-FR-RB	brjn	clpn				0			
	UR-BL-FR-LD	brjg	clpq				0			
	UR-BL-FR-BD	brjs	clpr				0			
	UR-BL-FR-RD	brjo	clps	wmvh sgwn kpjv	F' M F L' S L F' M' R' E R F		12			
	UR-BL-FR-DL	brjx	clpt				0			
	UR-BL-FR-DB	brjw	clpu				0			
	UR-BL-FR-DR	brjv	clpv	shev nwmd gt	S L' D' F M' F' M D L S'		10			
	UR-BL-LD-UL	brgd	clqa				0			
	UR-BL-LD-UB	brga	clqb				0			
	UR-BL-LD-DF	brgu	clqd				0			
	UR-BL-LD-LU	brge	clqe				0			
	UR-BL-LD-BU	brqq	clqf				0			
	UR-BL-LD-FL	brgl	clqi				0			
	UR-BL-LD-LF	brgf	clqj				0			
	UR-BL-LD-BR	brgt	clqm				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-BL-LD-RB	brgn	clqn				0			
	UR-BL-LD-RF	brgp	clqo				0			
	UR-BL-LD-FR	brgj	clqp				0			
	UR-BL-LD-BD	brgs	clqr				0			
	UR-BL-LD-RD	brgo	clqs				0			
	UR-BL-LD-DR	brgv	clqv	wshs cguh cgv	F' S L' S U2 L S2 L' U2 L F		11			
	UR-BL-BD-UL	brsd	cira				0		C	
	UR-BL-BD-DF	brsu	clrd				0		C	
	UR-BL-BD-LU	brse	clre				0			
	UR-BL-BD-BU	brsq	clrf	seho endg ndt	S D' L' M2 D' M' D L M' D S'		11			
	UR-BL-BD-RU	brsm	clrg				0			
	UR-BL-BD-FL	brsl	clri				0		C	
	UR-BL-BD-LF	brsf	clrj				0			
	UR-BL-BD-BR	brst	clrm				0		A	
	UR-BL-BD-RB	brsn	clrn				0		A	
	UR-BL-BD-RF	brsp	clro				0			
	UR-BL-BD-FR	brsj	clrp				0		A	
	UR-BL-BD-LD	brsg	clrq				0			
	UR-BL-BD-RD	brso	clrs				0			
	UR-BL-BD-DL	brsx	clrt				0			
	UR-BL-BD-DR	brsv	clrv				0			
	UR-BL-RD-UL	brod	clsa				0			A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-BL-RD-UB	broa	clsb				0			
	UR-BL-RD-DF	brou	clsd				0			
	UR-BL-RD-LU	broe	clse				0			
	UR-BL-RD-BU	broq	clf				0		A	
	UR-BL-RD-FU	broi	clsh				0		A	
	UR-BL-RD-FL	brol	clsi				0			
	UR-BL-RD-LF	brof	clsj				0			
	UR-BL-RD-BR	brot	clsm				0		A	
	UR-BL-RD-RB	bron	clsn				0		A	
	UR-BL-RD-LD	brog	clsq				0			
	UR-BL-RD-BD	bros	clsr				0		A	
	UR-BL-RD-DL	brox	clst				0		0	
	UR-BL-RD-DB	brow	clsu	whan endo bgv	F' L' U M' D' M' D M2 U' L F		11			
	UR-BL-DL-UL	brxd	clta				0			
	UR-BL-DL-UB	brxa	cltb				0			
	UR-BL-DL-DF	brxu	cltd				0			
	UR-BL-DL-BU	brxq	cltf				0			
	UR-BL-DL-FU	brxi	clth				0			
	UR-BL-DL-FL	brxl	clti	kbqt gspf aj	R' U' E' S' L S E L' U R		10		A	
	UR-BL-DL-LF	brxf	cltj				0			
	UR-BL-DL-BR	brxt	cltm				0		A	
	UR-BL-DL-RB	brxn	cltn				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-BL-DL-RF	brxp	clto				0			
	UR-BL-DL-FR	brxj	cltp				0			
	UR-BL-DL-BD	brxs	cltr				0		0	
	UR-BL-DL-DB	brxw	cltu				0		A	
	UR-BL-DL-DR	brxv	cltv				0		A	
	UR-BL-DB-UL	brwd	clua				0			
	UR-BL-DB-UB	brwa	club				0		C	
	UR-BL-DB-DF	brwu	clud				0			
	UR-BL-DB-LU	brwe	clue				0		0	
	UR-BL-DB-BU	brwq	cluf				0			
	UR-BL-DB-FU	brwi	cluh				0			
	UR-BL-DB-FL	brwl	clui				0		0	
	UR-BL-DB-LF	brwf	cluj				0		C	
	UR-BL-DB-BR	brwt	clum				0		F	
	UR-BL-DB-RB	brwn	clun				0		O	
	UR-BL-DB-RF	brwp	cluo				0			
	UR-BL-DB-FR	brwj	clup				0		A	
	UR-BL-DB-LD	brwg	cluq	biva manc wia	U' L2 F U M U M' U2 F' L2 U		11			
	UR-BL-DB-DL	brwx	clut				0		A	
	UR-BL-DB-DR	brvv	cluv				0			
	UR-BL-DR-UL	brvd	clva	ukaj ujql bpj	S2 R' U R S2 R E' R2 u' R		11			
	UR-BL-DR-LU	brve	clve				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-BL-DR-FL	brvl	clvi					0		
	UR-BL-DR-LF	brvf	clvj					0		
	UR-BL-DR-LB	brvh	clvk					0		
	UR-BL-DR-BR	brvt	clvm					0		
	UR-BL-DR-RB	brvn	clvn					0		0
	UR-BL-DR-RF	brvp	clvo					0		
	UR-BL-DR-FR	brvj	clvp					0		
	UR-BL-DR-LD	brvg	clvq					0		
	UR-BL-DR-BD	brvs	clvr					0		A
	UR-BL-DR-DL	brvx	clvt					0		
	UR-BL-DR-DB	brvw	clvu	ejxq wrwq kd	D' R F2 E' F' E2 F' E' R' D			10		
	UR-BR-UL-UB	btda	cmab					0		
	UR-BR-UL-DF	btdu	cma d					0		P
	UR-BR-UL-BU	btdq	cmaf					0		
	UR-BR-UL-FU	btdi	cma h					0		
	UR-BR-UL-FL	btdl	cmai					0		P
	UR-BR-UL-LF	btdf	cmaj					0		
	UR-BR-UL-RF	btdp	cmao					0		
	UR-BR-UL-FR	btdj	cmap					0		
	UR-BR-UL-LD	btdg	cmaq					0		C
	UR-BR-UL-DL	btdx	cmat					0		A
	UR-BR-UB-UL	btad	cmba	Inhw gtas mbkdk	R2 I' F' L S' U S M U' R' D R'			13		A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-BR-UB-DF	btau	cmbd					0			
UR-BR-UB-LU	btae	cmbe					0			
UR-BR-UB-FU	btai	cmbh					0			
UR-BR-UB-FL	btal	cmbi					0			
UR-BR-UB-LF	btaf	cmbj					0			
UR-BR-UB-LB	btah	cmbk					0		F	
UR-BR-UB-BL	btar	cmbi					0			
UR-BR-UB-RF	btap	cmbo					0			
UR-BR-UB-FR	btaj	cmbp					0		A	
UR-BR-UB-BD	btas	cmbr					0		P	
UR-BR-UB-RD	btao	cmbs					0		A	
UR-BR-UB-DL	btax	cmbt					0		C	
UR-BR-UB-DB	btaw	cmbu					0			
UR-BR-UB-DR	btav	cmbv					0			
UR-BR-DF-UL	btud	cmda					0		A	
UR-BR-DF-UB	btua	cmdb					0			
UR-BR-DF-LU	btue	cmde					0			
UR-BR-DF-BU	btuq	cmdf					0			
UR-BR-DF-FL	btul	cmdi					0			
UR-BR-DF-LF	btuf	cmdj					0			
UR-BR-DF-LB	btuh	cmdk					0		O	
UR-BR-DF-BL	btur	cmdl					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-BR-DF-RF	btup	cmdo				0			
	UR-BR-DF-FR	btuj	cmdp				0			A
	UR-BR-DF-LD	btug	cmdq	gjvp wkwq vh	L R F E F' R' F' E' F L'		10			A
	UR-BR-DF-BD	btus	cmdr				0			A
	UR-BR-DF-DL	btux	cmdt				0			
	UR-BR-DF-DR	btuv	cmdv				0			
	UR-BR-LU-UB	btea	cmeb				0			
	UR-BR-LU-DF	bteu	cmed				0			
	UR-BR-LU-BU	bteq	cmef				0			
	UR-BR-LU-FU	btei	cmeh				0			
	UR-BR-LU-FL	btel	cmei				0			
	UR-BR-LU-LF	btef	cmej				0			
	UR-BR-LU-LB	bteh	cmek				0			
	UR-BR-LU-BL	bter	cmel				0			O
	UR-BR-LU-FR	btej	cmepl				0			
	UR-BR-LU-LD	bteg	cmeq	djvc pkqj cwke	D R F U2 E R' E' R U2 F' R' D'		12			L
	UR-BR-LU-BD	btes	cmer				0			
	UR-BR-LU-DL	btx	cmet				0			C
	UR-BR-BU-UL	btqd	cmfa				0			
	UR-BR-BU-DF	btqu	cmfd				0			
	UR-BR-BU-LU	btqe	cmfe				0			F
	UR-BR-BU-FL	btql	cmfi				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-BR-BU-LF	btqf	cmfj				0			A
	UR-BR-BU-LB	btqh	cmfk				0			
	UR-BR-BU-BL	btqr	cmfl				0			
	UR-BR-BU-RF	btqp	cmfo				0			
	UR-BR-BU-FR	btqj	cmfp	bkwb tbsc vja	U' R' F' U' S' U' S U2 F R U		11			A
	UR-BR-BU-LD	btqg	cmfq				0			L
	UR-BR-BU-BD	btqs	cmfr				0			A
	UR-BR-BU-RD	btqo	cmfs				0			A
	UR-BR-BU-DL	btqx	cmft				0			F
	UR-BR-BU-DB	btqw	cmfu				0			
	UR-BR-RU-LB	btrmh	cmgk				0			
	UR-BR-RU-BL	btrmr	cmgl				0			P
	UR-BR-RU-DL	btrmx	cmgt				0			
	UR-BR-FU-FL	btil	cmhi				0			A
	UR-BR-FU-LF	btif	cmhj				0			
	UR-BR-FU-LB	btih	cmhk				0			
	UR-BR-FU-BL	btir	cmhl				0			A
	UR-BR-FU-RF	btip	cmho				0			
	UR-BR-FU-FR	btij	cmhp				0			
	UR-BR-FU-BD	btis	cmhr				0			A
	UR-BR-FU-DL	btix	cmht				0			
	UR-BR-FU-DB	btiw	cmhu				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-BR-FU-DR	btiv	cmhv				0			
	UR-BR-FL-UL	btd	cmia				0			
	UR-BR-FL-UB	bbla	cmib				0			
	UR-BR-FL-DF	bblu	cmid				0			
	UR-BR-FL-LU	btle	cmie				0			
	UR-BR-FL-BU	btlq	cmif	kbvc nbmb waj	R' U' F U2 M' U' M U' F' U R		11		C	
	UR-BR-FL-FU	btlj	cmih				0			
	UR-BR-FL-LB	btlh	cmik				0			
	UR-BR-FL-BL	btlr	cmil				0			
	UR-BR-FL-RB	btln	cmin				0		A	
	UR-BR-FL-LD	btlg	cmiq				0			
	UR-BR-FL-BD	btls	cmir				0			
	UR-BR-FL-RD	btlo	cmis				0			
	UR-BR-FL-DL	btlx	cmit				0		A	
	UR-BR-FL-DB	btlw	cmiu				0		C	
	UR-BR-FL-DR	btlv	cmiv				0			
	UR-BR-LF-UB	btfa	cmjb				0			
	UR-BR-LF-LU	btfe	cmje	wppgb mwnv ahqv	F' E L U' M F' M' F U L' E' F		12			
	UR-BR-LF-BU	btfq	cmjf				0			
	UR-BR-LF-LB	btfh	cmjk				0			
	UR-BR-LF-BL	btfr	cmjl	lwjp vqwk vl	R2 F' R E F E' F' R' F R2		10		A	
	UR-BR-LF-RF	btfp	cmjo				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		A
	UR-BR-LF-FR	btfj	cmjp				0			
	UR-BR-LF-LD	btfg	cmjq				0			
	UR-BR-LF-BD	btfs	cmjr				0			P
	UR-BR-LF-RD	btfo	cmjs				0			
	UR-BR-LF-DL	btfx	cmjt				0			
	UR-BR-LF-DB	btfw	cmju				0			O
	UR-BR-LF-DR	btfv	cmjv				0			
	UR-BR-LB-UL	bthd	cmka	rmbv mvnx anr	E2 M U' F M F M' F2 U M' E2		11			
	UR-BR-LB-UB	btha	cmkb	ajbv qwak vpbw	U R U' F E' F' U R' F E F' U'		12			
	UR-BR-LB-DF	bthu	cmkd	wtpv hvqw gs	f E F L' F E' F' L S		10			
	UR-BR-LB-LU	bthe	cmke	bmwp ktjs vnat	U' M F' E R' S' R f M' U S'		12			
	UR-BR-LB-BU	bthq	cmkf	pgbs athq	E L U' S U S' L' E'		8			
	UR-BR-LB-FU	bthi	cmkh				0			
	UR-BR-LB-FL	bthl	cmki	sqbj qkr at	S E' U' R E' R' E2 U S'		9			
	UR-BR-LB-LF	bthf	cmkj	qxjp kqvk pjv	E' F2 R E R' E' F R' E R F		11			
	UR-BR-LB-RB	bthn	cmkn				0			O
	UR-BR-LB-RF	bthp	cmko	pjpk vrjq krwq	E R E R' F E2 R E' R' E2 F' E'		12			
	UR-BR-LB-FR	bthj	cmkp	lvqw lavp wb	R2 F E' F' R2 U F E F' U'		10			
	UR-BR-LB-LD	bthg	cmkq	makq jsnw mvbp	M U R' E' R S M' F' M F u'		12			
	UR-BR-LB-BD	bths	cmkr	rwkw nwmx jvr	E2 F' R' F' M' F' M F2 R F E2		11			A
	UR-BR-LB-RD	btho	cmks	wjpx qwqw kvp	F' R E F2 E' F' E' F' R' F E		11			
	UR-BR-LB-DL	bthx	cmkt	wths gphq gv	f L' S L E L' E' L F		10			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-BR-LB-DB	bthw	cmku	enav kqjp wbmd	D' M' U F R' E' R E F' U' M D		12			
	UR-BR-LB-DR	bthv	cmkv	navkqj pwbm	M' U F R' E' R E F' U' M		10			
	UR-BR-BL-UL	btrd	cmla				0			
	UR-BR-BL-UB	btra	cmlb				0			
	UR-BR-BL-DF	btru	cmld				0			
	UR-BR-BL-LU	btre	cmlc				0			
	UR-BR-BL-BU	btrq	cmlf				0			
	UR-BR-BL-FU	btri	cmlh				0		A	
	UR-BR-BL-FL	btrl	cmli				0		A	
	UR-BR-BL-LF	btrf	cmlj				0		F	
	UR-BR-BL-RB	btrn	cmln				0		O	
	UR-BR-BL-FR	btrj	cmlp				0			
	UR-BR-BL-LD	btrg	cmlq				0		A	
	UR-BR-BL-BD	btrs	cmlr				0		O	
	UR-BR-BL-RD	btro	cmls				0			
	UR-BR-BL-DL	btrx	cmlt				0			
	UR-BR-BL-DB	btrw	cmlu				0			
	UR-BR-BL-DR	btrv	cmlv				0		A	
	UR-BR-RF-UL	btpd	cmoa				0			
	UR-BR-RF-UB	btpa	cmob				0			
	UR-BR-RF-DF	btpu	cmod				0			
	UR-BR-RF-LU	btpc	cmoe				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		A
UR-BR-RF-BU	btpq	cmof					0			A
UR-BR-RF-FL	btpl	cmoi					0			A
UR-BR-RF-LF	btpf	cmoj					0			
UR-BR-RF-LB	btpb	cmok					0			
UR-BR-RF-BL	btpb	cmol					0			
UR-BR-RF-RB	btpn	cmon					0			A
UR-BR-RF-LD	btpg	cmoq					0			
UR-BR-RF-BD	btps	cmor					0			
UR-BR-RF-RD	btpo	cmos					0			O
UR-BR-RF-DL	btpx	cmot					0			A
UR-BR-RF-DB	btpw	cmou					0			
UR-BR-FR-UL	btjd	cmpa					0			O
UR-BR-FR-UB	btja	cmbp					0			
UR-BR-FR-LU	btje	cmpe					0			
UR-BR-FR-BU	btjq	cmpf					0			
UR-BR-FR-FU	btji	cmph					0			
UR-BR-FR-FL	btjl	cmpi					0			
UR-BR-FR-LF	btjf	cmpj					0			
UR-BR-FR-LB	btjh	cmpk					0			
UR-BR-FR-BL	btjr	cmpl					0			
UR-BR-FR-LD	btjg	cmpq					0			A
UR-BR-FR-BD	btjs	cmpr					0			P

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		0
	UR-BR-FR-RD	btjo	cmps				0			0
	UR-BR-FR-DB	btjw	cmpu				0			0
	UR-BR-FR-DR	btjv	cmpv				0			0
	UR-BR-LD-UL	btgd	cmqa				0			A
	UR-BR-LD-UB	btga	cmqb				0			A
	UR-BR-LD-DF	btgu	cmqd				0			
	UR-BR-LD-LU	btge	cmqe				0			
	UR-BR-LD-BU	btgq	cmqf				0			
	UR-BR-LD-FU	btgi	cmqh				0			A
	UR-BR-LD-FL	btgl	cmqi				0			
	UR-BR-LD-LF	btgf	cmqj	bkwi nbma ivja	U' R' F' L2 M' U' M U L2 F R U		12			0
	UR-BR-LD-LB	btgh	cmqk				0			A
	UR-BR-LD-RF	btgp	cmqo				0			
	UR-BR-LD-FR	btgj	cmqp	mahx qwpw gbn	M U L' F2 E' F' E F' L U' M'		11			A
	UR-BR-LD-BD	btgs	cmqr				0			
	UR-BR-LD-RD	btgo	cmqs				0			
	UR-BR-LD-DB	btgw	cmqu				0			
	UR-BR-BD-UL	btsd	cmra				0			
	UR-BR-BD-LU	btse	cmre				0			
	UR-BR-BD-BU	btsq	cmrf				0			A
	UR-BR-BD-FL	btsl	cmri				0			
	UR-BR-BD-LF	btsf	cmrj				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-BR-BD-LB	btsh		cmrk					0		
UR-BR-BD-BL	btsr		cmrl					0		C
UR-BR-BD-RF	btsp		cmro					0		
UR-BR-BD-FR	btsj		cmrp					0		
UR-BR-BD-LD	btsg		cmrq					0		
UR-BR-BD-RD	btso		cmrs					0		
UR-BR-BD-DR	btsv		cmrv					0		
UR-BR-RD-UL	btod		cmsa					0		
UR-BR-RD-UB	btoa		cmsb					0		
UR-BR-RD-LU	btoe		cmse					0		
UR-BR-RD-FU	btoi		cmsh					0		
UR-BR-RD-FL	btol		cmsi					0		
UR-BR-RD-LF	btof		cmsj					0		A
UR-BR-RD-LB	btoh		cmsk					0		
UR-BR-RD-BL	btor		cmsl					0		
UR-BR-RD-RB	bton		cmsn					0		A
UR-BR-RD-RF	btop		cmso					0		
UR-BR-RD-FR	btoj		cmsp					0		A
UR-BR-RD-LD	btog		cmsq					0		A
UR-BR-RD-BD	btos		cmsr					0		
UR-BR-RD-DL	btox		cmst					0		
UR-BR-RD-DB	btow		cmsu					0		A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-BR-DL-UL	btxd	cmta					0			
UR-BR-DL-UB	btxa	cmtb					0			
UR-BR-DL-DF	btxu	cmtd					0			
UR-BR-DL-LU	btxe	cmte					0			
UR-BR-DL-BU	btxq	cmtf					0		A	
UR-BR-DL-FU	btxi	cmth					0		L	
UR-BR-DL-FL	btxl	cmti					0			
UR-BR-DL-LF	btxf	cmtj					0			
UR-BR-DL-LB	btxh	cmtk					0		A	
UR-BR-DL-BL	btxr	cmtl					0			
UR-BR-DL-RF	btxp	cmtm					0			
UR-BR-DL-BD	btxs	cmtr					0			
UR-BR-DL-DB	btxw	cmtu					0			
UR-BR-DB-UL	btwd	cmua					0		A	
UR-BR-DB-DF	btwu	cmud					0			
UR-BR-DB-LU	btwe	cmue					0			
UR-BR-DB-FU	btwi	cmuh					0			
UR-BR-DB-FL	btwl	cmui					0			
UR-BR-DB-LF	btwf	cmuj					0			
UR-BR-DB-BL	btwr	cmul					0			
UR-BR-DB-RF	btwp	cmuo					0			
UR-BR-DB-FR	btwj	cmup					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-BR-DB-LD	btwg	cmuq	dwtk pjqk sjve	D f' R' E R E' R' S R F D'		12			
	UR-BR-DB-RD	btwo	cmus				0			A
	UR-BR-DB-DL	btxw	cmut				0			
	UR-BR-DB-DR	btwv	cmuv	rmgs dtne hr	E2 I S D S' M' D' L' E2		10			
	UR-BR-DR-UL	btvd	cmva	mvjp sktq wn	M F R E S R' S' E' F' M'		10			
	UR-BR-DR-DF	btvu	cmvd				0			
	UR-BR-DR-FL	btvl	cmvi				0			
	UR-BR-DR-LF	btvf	cmvj				0			
	UR-BR-DR-LB	btvh	cmvk				0			
	UR-BR-DR-RF	btpv	cmvo				0			
	UR-BR-DR-FR	btvj	cmvp				0			O
	UR-BR-DR-LD	btvg	cmvq				0			L
	UR-BR-FD-UL	btkd	cmxa				0			A
	UR-RB-UL-UB	bnda	cnab				0			
	UR-RB-UL-DF	bndu	cnad				0			
	UR-RB-UL-BU	bndq	cnaf				0			
	UR-RB-UL-RU	bndm	cnag				0			
	UR-RB-UL-FU	bndi	cnah				0			O
	UR-RB-UL-FL	bndl	cnai				0			
	UR-RB-UL-LF	bndf	cnaj				0			
	UR-RB-UL-LB	bndh	cnak				0			
	UR-RB-UL-BL	bndr	cnal				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-RB-UL-RF	bndp	cnao				0			
	UR-RB-UL-FR	bndj	cnap				0			
	UR-RB-UL-LD	bndg	cnaq				0			
	UR-RB-UL-BD	bnds	cnar				0			
	UR-RB-UL-RD	bndo	cnas				0			
	UR-RB-UL-DL	bndx	cnat				0			
	UR-RB-UL-DR	bndv	cnav				0			
	UR-RB-UB-UL	bnad	cnba	wqwn amwp vbx	F' E' F' M' U M F' E F U' F2		11		C	
	UR-RB-UB-DF	bnau	cnbd				0			
	UR-RB-UB-LU	bnae	cnbe				0		A	
	UR-RB-UB-FL	bnal	cnbi	vcjb tbsc kcw	F U2 R U' S' U' S U2 R' U2 F'		11			
	UR-RB-UB-LF	bnaf	cnbj				0			
	UR-RB-UB-LB	bnah	cnbk	wlqa jrkb lqv	F' R2 u R E2 R' U' R2 E' F		11			
	UR-RB-UB-BL	bnar	cnbl				0		O	
	UR-RB-UB-RF	bnap	cnbo				0			
	UR-RB-UB-FR	bnaj	cnbp	cjbs albu asjc	U2 R U' S U R2 U' S2 U S R U2		12			
	UR-RB-UB-LD	bnag	cnbq				0			
	UR-RB-UB-RD	bnao	cnbs				0		P	
	UR-RB-DF-UL	bnud	cnda				0		L	
	UR-RB-DF-UB	bnuu	cndb				0		A	
	UR-RB-DF-LU	bnue	cnde				0		P	
	UR-RB-DF-BU	bnuq	cndf				0		A	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		0
UR-RB-DF-FL	bnull		cndi				0		0	
UR-RB-DF-LF	bnuuf		cndj				0		0	
UR-RB-DF-LB	bnuuh		cndk				0		A	
UR-RB-DF-BL	bnuur		cndl				0		0	
UR-RB-DF-RF	bnuup		cndo				0		A	
UR-RB-DF-FR	bnuuj		cndp				0			
UR-RB-DF-LD	bnuug		cndq				0		A	
UR-RB-DF-BD	bnuus		cndr				0		0	
UR-RB-DF-DL	bnuux		cndt				0			
UR-RB-DF-DB	bnuuw		cndu				0			
UR-RB-DF-DR	bnuv		cndv				0			
UR-RB-LU-UB	bnea		cneb				0			
UR-RB-LU-BU	bneq		cnef				0			
UR-RB-LU-RU	bnem		cneg				0			
UR-RB-LU-LF	bnef		cnej				0			
UR-RB-LU-LB	bneh		cnek				0			
UR-RB-LU-BL	bner		cnel				0			
UR-RB-LU-RF	b nep		cneo				0			
UR-RB-LU-FR	bnej		c nep				0			
UR-RB-LU-BD	bnes		cner				0			
UR-RB-LU-RD	bneo		cnes				0			
UR-RB-LU-DB	bnew		cneu				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-RB-LU-DR	bnev	cnev					0		
	UR-RB-BU-UL	bnqd	cnfa					0		A
	UR-RB-BU-DF	bnqu	cnfd					0		O
	UR-RB-BU-LU	bnqe	cnfe					0		F
	UR-RB-BU-RU	bnqm	cnfg					0		
	UR-RB-BU-FU	bnqi	cnfh					0		O
	UR-RB-BU-LF	bnqf	cnfj					0		
	UR-RB-BU-LB	bnqh	cnfk					0		F
	UR-RB-BU-BR	bnqt	cnfm					0		A
	UR-RB-BU-RF	bnqp	cnfo					0		C
	UR-RB-BU-FR	bnqj	cnfp					0		F
	UR-RB-BU-LD	bnqg	cnfq	mahr wqvq gbn	M U L' E2 F' E' F E' L U' M'		11			
	UR-RB-BU-BD	bnqs	cnfr					0		A
	UR-RB-BU-RD	bnqo	cnfs					0		F
	UR-RB-BU-DL	bnqx	cnft					0		
	UR-RB-BU-DB	bnqw	cnfu					0		P
	UR-RB-BU-DR	bnqv	cnfv					0		
	UR-RB-RU-UB	bnma	cngb					0		
	UR-RB-RU-RD	bnmo	cngs					0		
	UR-RB-FU-UL	bnid	cnha					0		
	UR-RB-FU-UB	bnia	cnhb					0		
	UR-RB-FU-LU	bnie	cnhe					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		A
	UR-RB-FU-BU	bniq	cnhf					0		
	UR-RB-FU-FL	bnil	cnhi					0		
	UR-RB-FU-LF	bnif	cnhj					0		
	UR-RB-FU-BL	bnir	cnhl					0		
	UR-RB-FU-RF	bnip	cnho					0		
	UR-RB-FU-FR	bniq	cnhp					0		A
	UR-RB-FU-LD	bnig	cnhq					0		
	UR-RB-FU-BD	bniq	cnhr					0		A
	UR-RB-FU-RD	bniq	cnhs					0		
	UR-RB-FU-DL	bniq	cnht					0		C
	UR-RB-FU-DB	bniw	cnhu					0		P
	UR-RB-FU-DR	bniq	cnhv					0		A
	UR-RB-FL-UL	bnil	cnia					0		
	UR-RB-FL-UB	bnil	cnib					0		
	UR-RB-FL-LU	bnil	cnie	sbpk akqj evdt	S u' R' U R' E' R D' F D S'			12		
	UR-RB-FL-BU	bnilq	cnif					0		
	UR-RB-FL-LB	bnilh	cnik					0		O
	UR-RB-FL-BL	bnilr	cnil					0		
	UR-RB-FL-BR	bnilt	cnim					0		
	UR-RB-FL-FR	bnilj	cnip					0		
	UR-RB-FL-LD	bnilg	cniq	alvg pwqv hwlb	U R2 F L E F' E' F L' F' R2 U'			12		
	UR-RB-FL-BD	bnils	cnir	xyje sdtk xu	f2 R D' S D S' R' f2			10		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-RB-FL-RD	bnlo	cnis	bjpa jqkb ka	U' R E U R E' R' U' R' U		10		O	
	UR-RB-FL-DL	bnlx	cnit	lpkv ktjs wjql	R2 E R' F R' S' R S F' R E' R2		12		A	
	UR-RB-FL-DB	bnlw	cniu	vajt bsma nkbw	F U R S' U' S M U M' R' U' F'		12			
	UR-RB-FL-DR	bnlv	cniv	sdlv nvmx let	S D R2 F M' F M F2 R2 D' S'		11			
	UR-RB-LF-UL	bnfd	cnja				0			
	UR-RB-LF-UB	bnfa	cnjb				0			
	UR-RB-LF-DF	bnfu	cnjd				0			
	UR-RB-LF-LU	bnfe	cnje				0		L	
	UR-RB-LF-BU	bnfq	cnjf				0			
	UR-RB-LF-FU	bnfi	cnjh				0			
	UR-RB-LF-LB	bnfh	cnjk	wqax qrvv bv	F' u F2 E' F E2 F U' F		10			
	UR-RB-LF-BL	bnfr	cnjl				0			
	UR-RB-LF-RF	bnfp	cnjo	gajt kaks jch	L U R S' R' U R' S R U2 L'		11			
	UR-RB-LF-FR	bnfj	cnjp	cwnk ambj vc	U2 F' M' R' U M U' R F U2		10		A	
	UR-RB-LF-LD	bnfg	cnjq				0			
	UR-RB-LF-BD	bnfs	cnjr				0		O	
	UR-RB-LF-RD	bnfo	cnjs				0			
	UR-RB-LF-DL	bnfx	cnjt				0			
	UR-RB-LF-DB	bnfw	cnju				0		O	
	UR-RB-LB-UL	bnhd	cnka				0			
	UR-RB-LB-LU	bnhe	cnke				0		O	
	UR-RB-LB-FU	bnhi	cnkh				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-RB-LB-FL	bnhl	cnki				0		0	
	UR-RB-LB-LF	bnhf	cnkj				0			
	UR-RB-LB-FR	bnhj	cnkp	jpi k r w k p j v i	R E L2 R' E2 F' R' E R F L2		11		A	
	UR-RB-LB-BD	bnhs	cnkr				0		C	
	UR-RB-LB-RD	bnho	cnks				0			
	UR-RB-LB-DL	bnhx	cnkt				0			
	UR-RB-LB-DB	bnhw	cnku				0			
	UR-RB-LB-DR	bnhv	cnkv	phbs c s b u g q	E L' U' S U2 S U' S2 L E'		10		0	
	UR-RB-BL-UL	bnrd	cnla				0			
	UR-RB-BL-UB	bnra	cnlb				0			
	UR-RB-BL-DF	bnru	cnld				0			
	UR-RB-BL-LU	bnre	cnle	v k r s j t q k q j w	F R' E2 S R S' E' R' E' R F'		11			
	UR-RB-BL-BU	bnrq	cnlf				0		0	
	UR-RB-BL-FU	bnri	cnlh				0			
	UR-RB-BL-FL	bnrl	cnli				0			
	UR-RB-BL-LF	bnrf	cnlj				0			
	UR-RB-BL-RF	bnrp	cnlo				0			
	UR-RB-BL-FR	bnrj	cnlp				0			
	UR-RB-BL-LD	bnrg	cnlq				0			
	UR-RB-BL-BD	bnrs	cnlr				0			
	UR-RB-BL-RD	bnro	cnls				0		0	
	UR-RB-BL-DL	bnrx	cnlt				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-RB-BL-DB	bnrw		cnlu					0		
UR-RB-BL-DR	bnrv		cnlv					0		
UR-RB-BR-RD	bnto		cnms					0		
UR-RB-BR-DB	bntw		cnmu					0		
UR-RB-BR-DR	bntv		cnmv					0		A
UR-RB-RF-UL	bnpd		cnoa					0		
UR-RB-RF-UB	bnpa		cnob					0		
UR-RB-RF-DF	bnpu		cnod					0		
UR-RB-RF-LU	bnpe		cnoe					0		O
UR-RB-RF-BU	bnpq		cnof					0		
UR-RB-RF-FL	bnpl		cnoi					0		
UR-RB-RF-LF	bnpf		cnoj					0		
UR-RB-RF-LB	bnph		cnok					0		
UR-RB-RF-BL	bnpr		cnol					0		
UR-RB-RF-LD	bnpg		cnoq					0		
UR-RB-RF-BD	bnps		cnor					0		
UR-RB-RF-RD	bnpo		cnos					0		O
UR-RB-RF-DL	bnpx		cnot					0		A
UR-RB-RF-DB	bnpw		cnou					0		
UR-RB-FR-UL	bnjd		cnpa					0		O
UR-RB-FR-UB	bnja		cnpb					0		
UR-RB-FR-LU	bnje		cnpe					0		A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-RB-FR-BU	bnjq		cnpf					0		
UR-RB-FR-FU	bnji		cnph					0		
UR-RB-FR-FL	bnjl		cnpi					0		
UR-RB-FR-LF	bnjf		cnpj					0		
UR-RB-FR-LB	bnjh		cnpk					0		
UR-RB-FR-BL	bnjr		cnpl					0		
UR-RB-FR-LD	bnjg		cnpq					0		
UR-RB-FR-BD	bnjs		cnpr					0		
UR-RB-FR-RD	bnjo		cnps					0		O
UR-RB-FR-DB	bnjw		cnpu					0		A
UR-RB-FR-DR	bnjv		cnpv					0		A
UR-RB-LD-UL	bngd		cnqa					0		
UR-RB-LD-UB	bnqa		cnqb					0		A
UR-RB-LD-BU	bngq		cnqf					0		
UR-RB-LD-FU	bngi		cnqh					0		
UR-RB-LD-FL	bngl		cnqi					0		
UR-RB-LD-LF	bngf		cnqj					0		
UR-RB-LD-LB	bngh		cnqk					0		A
UR-RB-LD-RF	bngp		cnqo					0		L
UR-RB-LD-FR	bngj		cnqp					0		
UR-RB-LD-BD	bngs		cnqr					0		A
UR-RB-LD-RD	bngo		cnqs					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		A
UR-RB-LD-DB	bngw		cnqu				0			
UR-RB-BD-UL	bnsd		cnra				0			
UR-RB-BD-UB	bnsa		cnrb				0			A
UR-RB-BD-DF	bnsu		cnrd				0			
UR-RB-BD-LU	bnse		cnre				0			
UR-RB-BD-BU	bnsq		cnrf				0			
UR-RB-BD-FL	bnsl		cnri				0			
UR-RB-BD-LF	bnsf		cnrj				0			
UR-RB-BD-LB	bnsh		cnrk				0			O
UR-RB-BD-BL	bnsr		cnrl				0			O
UR-RB-BD-RF	bnsn		cnro				0			
UR-RB-BD-FR	bnsj		cnrp				0			
UR-RB-BD-LD	bnsq		cnrq				0			
UR-RB-BD-RD	bnsn		cnrs				0			
UR-RB-BD-DL	bnsx		cnrt				0			
UR-RB-RD-UL	bnod		cnsa				0			O
UR-RB-RD-UB	bnoa		cnsb				0			O
UR-RB-RD-LU	bnoe		cnse				0			A
UR-RB-RD-FL	bhol		cnsi				0			A
UR-RB-RD-LF	bnof		cnsj				0			
UR-RB-RD-LB	bnoh		cnsk				0			
UR-RB-RD-BL	bnor		cnsl				0			O

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		A
UR-RB-RD-RF	bnop	cnsos					0			O
UR-RB-RD-FR	bnoj	cnsps					0			L
UR-RB-RD-LD	bnoq	cnsqs					0			O
UR-RB-RD-DL	bnox	cnsst					0			A
UR-RB-RD-DB	bnow	cnsus					0			F
UR-RB-RD-DR	bnov	cnsvs					0			A
UR-RB-DL-UL	bnxd	cnta					0			F
UR-RB-DL-DF	bnxu	cantd					0			A
UR-RB-DL-LU	bnxe	cnte					0			L
UR-RB-DL-BU	bnxq	cntf					0			F
UR-RB-DL-FL	bnxl	cnti					0			
UR-RB-DL-LF	bnxf	cntj					0			
UR-RB-DL-LB	bnxh	cntk					0			A
UR-RB-DL-BL	bnxr	cntl					0			O
UR-RB-DL-RF	bnxp	cnto					0			L
UR-RB-DL-BD	bnxs	cntr					0			O
UR-RB-DL-RD	bnxo	cnts					0			
UR-RB-DL-DB	bnxw	cntu					0			O
UR-RB-DL-DR	bnxv	cntv					0			O
UR-RB-DB-UL	bnwd	cnua					0			
UR-RB-DB-UB	bnwa	cnub					0			
UR-RB-DB-DF	bnwu	cnud					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-RB-DB-LU	bnwe	cnue					0		
	UR-RB-DB-BU	bnwq	cnuf					0		
	UR-RB-DB-FU	bnwi	cnuh					0		
	UR-RB-DB-FL	bnwl	cnui					0		
	UR-RB-DB-LF	bnwf	cnuj					0		
	UR-RB-DB-LB	bnwh	cnuk					0		
	UR-RB-DB-BL	bnwr	cnul					0		
	UR-RB-DB-RF	bnwp	cnuo					0		
	UR-RB-DB-FR	bnwj	cnup					0		
	UR-RB-DB-LD	bnwg	cnuq	jskb sman tjtk	R S R' U' S M U M' S' R S' R'			12		
	UR-RB-DB-RD	bnwo	cnus					0		
	UR-RB-DB-DL	bnwx	cnut					0		0
	UR-RB-DB-DR	bnvv	cnuv					0		
	UR-RB-DR-UL	bnvd	cnva	vtju kft fw	F S' R S2 R' D2 S' D2 F'			9		
	UR-RB-DR-UB	bnva	cnvb					0		
	UR-RB-DR-BU	bnvq	cnvf					0		
	UR-RB-DR-FL	bnvl	cnvi					0		
	UR-RB-DR-LF	bnvf	cnvj					0		
	UR-RB-DR-LB	bnvh	cnvk					0		
	UR-RB-DR-BL	bnvr	cnvl					0		
	UR-RB-DR-RF	bnvp	cnvo					0		C
	UR-RB-DR-FR	bnvj	cnvp					0		F

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		A
	UR-RB-DR-LD	bnvg	cnvq				0			A
	UR-RB-DR-BD	bnvs	cnvr				0			A
	UR-RB-DR-RD	bnvo	cnvs				0			A
	UR-RB-DR-DL	bnvx	cnvt				0			C
	UR-RB-DR-DB	bnvw	cnvu				0			L
	UR-RB-DR-FD	bnvk	cnvx				0			O
	UR-RF-UL-UB	bpda	coab	oaov mxmv bo	M2 U M2 F M F2 M F U' M2		10			O
	UR-RF-UL-DF	bpdu	coad				0			O
	UR-RF-UL-BU	bpdq	coaf	sbwb tasv at	S U' F' U' S' U f U S'		10			O
	UR-RF-UL-FU	bpdi	coah				0			O
	UR-RF-UL-FL	bpdl	coai	cvna obxa nbvc	U2 F M' U M2 U' F2 U M' U' F U2		12			O
	UR-RF-UL-LF	bpdf	coaj	bkex mvnv dja	U' R' D' F2 M F M' F D R U		11			O
	UR-RF-UL-LB	bpdh	coak	xdsh uhs i ex	F2 D S L' S2 L' S L2 D' F2		10			P
	UR-RF-UL-BL	bpdr	coal	whwh tgsv gv	F' L' F' L' S' L f L F		10			O
	UR-RF-UL-BR	bpdt	coam	bsat kisi btaj	U' S U S' R' L2 S L2 U' S' U R		12			O
	UR-RF-UL-RB	bpdn	coan	jvcs ktjc wk	R F U2 S R' S' R U2 F' R'		10			O
	UR-RF-UL-FR	bpdj	coap				0			C
	UR-RF-UL-LD	bpdg	coaq	mgav pwqb nh	I U F E F' E' U' I'		10			F
	UR-RF-UL-BD	bpds	coar	qavj ambn kwbp	u F R U M U' M' R' F' u'		12			O
	UR-RF-UL-RD	bpdo	coas	bkak sktl bja	U' R' U R' S R' S' R2 U' R U		11			O
	UR-RF-UL-DL	bpdx	coat	lsvk ujw ls	R2 f R' S2 R F' R2 S		9			O
	UR-RF-UL-DB	bpdw	coau	cvnc nbob wc	U2 F M' U2 M' U' M2 U' F' U2		10			O

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-RF-UL-DR	bpdv	coav	owam tbsn vo	M2 F' U M S' U' S M' F M2		10			
	UR-RF-UB-UL	bpad	coba	tjtl tjb uau	S' R S' R2 S' R S' U' S2 U S2		11		L	
	UR-RF-UB-LU	bpae	cobe				0			
	UR-RF-UB-FU	bpai	cobh				0			
	UR-RF-UB-FL	bpal	cobi	jsbj pskt qatk	R S U' R E S R' S' u S' R'		12			
	UR-RF-UB-LF	bpaf	cobj				0			
	UR-RF-UB-LB	bpah	cobk				0			
	UR-RF-UB-BL	bpar	cobl				0		O	
	UR-RF-UB-BR	bpat	cobm				0			
	UR-RF-UB-RB	bpan	cobn				0		P	
	UR-RF-UB-LD	bpag	cobq				0			
	UR-RF-UB-BD	bpas	cobr				0			
	UR-RF-UB-RD	bpao	cobs				0			
	UR-RF-UB-DL	bpax	cobt				0			
	UR-RF-UB-DB	bpaw	cobu				0			
	UR-RF-UB-DR	bpav	cobv				0			
	UR-RF-DF-UL	bpud	coda				0			
	UR-RF-DF-LU	bpue	code				0		O	
	UR-RF-DF-BU	bpuq	codf				0			
	UR-RF-DF-FL	bpul	codi				0			
	UR-RF-DF-LF	bpuf	codj				0		P	
	UR-RF-DF-LB	bpuh	codk				0		O	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		0
	UR-RF-DF-BL	bpur	codl					0		
	UR-RF-DF-BR	bput	codm					0		
	UR-RF-DF-RB	bpun	codn					0		
	UR-RF-DF-FR	bpuj	codp					0		
	UR-RF-DF-LD	bpub	codq					0		
	UR-RF-DF-BD	bpus	codr					0		P
	UR-RF-DF-RD	bpuo	cods					0		O
	UR-RF-DF-DL	bpxu	codt					0		
	UR-RF-DF-DB	bpuw	codu					0		
	UR-RF-DF-DR	bpuv	codv					0		
	UR-RF-LU-UB	bpea	coeb					0		
	UR-RF-LU-DF	bpeu	coed					0		A
	UR-RF-LU-BU	bpeq	coef					0		
	UR-RF-LU-FU	bpei	coeh					0		
	UR-RF-LU-FL	bpel	coei					0		
	UR-RF-LU-LF	bpef	coej	avjc nbmb kwb	U F R U2 M' U' M U' R' F' U'			11		
	UR-RF-LU-LB	bpeh	coek					0		
	UR-RF-LU-BL	bper	coel					0		
	UR-RF-LU-BR	bpet	coem					0		
	UR-RF-LU-RB	bpen	coen					0		
	UR-RF-LU-FR	bpej	coep					0		C
	UR-RF-LU-LD	bpeg	coeq					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-RF-LU-DB	bpew	coeu				0			
	UR-RF-LU-DR	bpev	coev				0			
	R-RF-BU-UL	bpqd	cdfa	hwbs btag vg	L' F' L' S U' S' U L F L		10			
	UR-RF-BU-DF	bpqu	cofd				0		0	
	UR-RF-BU-LU	bpqe	cofe	gwhb nbmc gvh	L F' L' U' M' U' M U2 L F L'		11		0	
	UR-RF-BU-FU	bppi	cofh				0		0	
	UR-RF-BU-FL	bpql	cofi	iwhs btag vi	L2 F' L' S U' S' U L F L2		10		0	
	UR-RF-BU-LF	bpqf	cofj	whbn bmc gv	F' L' U' M' U' M U2 L F		9			
	UR-RF-BU-BL	bpqr	cofl	whsb tagv	F' L' S U' S' U L F		8			
	UR-RF-BU-BR	bpqt	cofm	lask tjsk tjbl	R2 U S R' S' R S R' S' R U' R2		12		C	
	UR-RF-BU-RB	bpqn	cofn	magw qwpq hbn	M U L F' E' F' E F2 L' U' M'		11		0	
	UR-RF-BU-LD	bpqg	cofq	magv pwqh bn	M U L F E F' E' L' U' M'		10			
	UR-RF-BU-BD	bpqs	cofr	kwjx mvov hamg	R' F' R F2 M F M2 F L' U I		12		0	
	UR-RF-BU-RD	bpqo	cofs				0			
	UR-RF-BU-DL	bpqx	coft				0		0	
	UR-RF-BU-DB	bpqw	cofu	wham bngv	F' L' U M U' M' L F		8			
	UR-RF-RU-UL	bpmd	coga				0			
	UR-RF-RU-LU	bpmc	coge				0			
	UR-RF-RU-RB	bpmn	cogn				0		F	
	UR-RF-RU-DB	bpmw	cogu				0		0	
	UR-RF-FU-UL	bpid	coha				0			
	UR-RF-FU-UB	bpiq	cohb				0		C	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		A
UR-RF-FU-LU	bpie		cohe				0			
UR-RF-FU-BU	bpiq		cohf				0			O
UR-RF-FU-FL	bpil		cohj				0			
UR-RF-FU-LF	bpij		cohk				0			
UR-RF-FU-LB	bpih		cohk				0			
UR-RF-FU-BL	bpir		cohj				0			
UR-RF-FU-BR	bpit		cohk				0			
UR-RF-FU-BD	bpis		cohk				0			
UR-RF-FU-RD	bpio		cohk				0			A
UR-RF-FU-DL	bpix		cohk				0			
UR-RF-FU-DR	bpix		cohv				0			
UR-RF-FL-UL	bpld		coia				0			
UR-RF-FL-LU	bple		coie				0			
UR-RF-FL-BU	bplq		coif				0			
UR-RF-FL-LB	bplh		coik				0			
UR-RF-FL-BL	bplr		coil				0			O
UR-RF-FL-BR	bplt		coim				0			C
UR-RF-FL-RB	bpln		coin				0			O
UR-RF-FL-LD	bplg		coiq				0			
UR-RF-FL-RD	bpol		cois				0			
UR-RF-FL-DL	bplx		coit				0			A
	UR-RF-FL-DB	bplw	coiu	ambm anbo wmv	U M U' M U M' U' M2 F' M F		11			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-RF-FL-DR	bplv	coiv					0		
	UR-RF-LF-UL	bpfdf	coja					0		
	UR-RF-LF-UB	bpfaf	cojb					0		C
	UR-RF-LF-DF	bpfuf	cojd					0		C
	UR-RF-LF-LU	bpfef	coje					0		
	UR-RF-LF-BU	bpfqf	cojf					0		
	UR-RF-LF-LB	bpfhf	cojk					0		
	UR-RF-LF-BL	bpfrf	cojl					0		
	UR-RF-LF-RB	bpfnf	cojn					0		
	UR-RF-LF-LD	bpfqg	cojq					0		C
	UR-RF-LF-BD	bpfss	cojr	jwal wnvm blvk	R F' U R2 F' M' F M R2 U' F R'			12		
	UR-RF-LF-RD	bpfos	cojs					0		
	UR-RF-LF-DL	bpfxf	cojt					0		
	UR-RF-LF-DB	bpfws	coju	bvbn cnbo wa	U' F U' M' U2 M' U' M2 F' U			10		O
	UR-RF-LF-DR	bpfvf	cojv					0		
	UR-RF-LB-UL	bphdf	coka					0		O
	UR-RF-LB-UB	bphaf	cokb					0		
	UR-RF-LB-LU	bphes	coke					0		O
	UR-RF-LB-BU	bphqf	cokf					0		
	UR-RF-LB-FU	bphi	cokh					0		
	UR-RF-LB-FL	bphlf	coki					0		
	UR-RF-LB-LD	bphgf	cokq					0		C

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-RF-LB-DR	bphv	cokv	xkwr wpvp vjx	F2 R' F' E2 F' E F E F R F2		11			
	UR-RF-BL-UL	bprd	cola				0		A	
	UR-RF-BL-UB	bpra	colb				0		A	
	UR-RF-BL-DF	bpru	cold				0		F	
	UR-RF-BL-LU	bpre	cole				0			
	UR-RF-BL-BU	bprq	colf				0		P	
	UR-RF-BL-RU	bprm	colg				0		O	
	UR-RF-BL-FU	bpri	colh				0			
	UR-RF-BL-FL	bprl	coli				0		O	
	UR-RF-BL-LF	bprf	colj				0			
	UR-RF-BL-BR	bppt	colm				0		O	
	UR-RF-BL-RB	bprn	coln				0		O	
	UR-RF-BL-BD	bprs	colr				0		F	
	UR-RF-BL-RD	bpro	cols				0		O	
	UR-RF-BL-DL	bprx	colt				0		L	
	UR-RF-BL-DB	bprw	colu				0		F	
	UR-RF-BL-DR	bprv	colv				0		A	
	UR-RF-BR-UL	bptd	coma				0		A	
	UR-RF-BR-UB	bpta	comb				0		O	
	UR-RF-BR-DF	bptu	comd				0		A	
	UR-RF-BR-LU	bpte	come				0		A	
	UR-RF-BR-BU	bptq	comf				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-RF-BR-FU	bpti	comh					0		
	UR-RF-BR-FL	bptl	comi					0	O	
	UR-RF-BR-LF	bptf	comj					0	F	
	UR-RF-BR-LB	bpth	comk					0	A	
	UR-RF-BR-BL	bptr	coml					0	F	
	UR-RF-BR-FR	bptj	comp					0	O	
	UR-RF-BR-LD	bptg	comq					0		
	UR-RF-BR-DL	bptx	comt					0		
	UR-RF-BR-DB	bptw	comu					0		
	UR-RF-BR-DR	bptv	comv					0		
	UR-RF-RB-UL	bpnd	cona					0	O	
	UR-RF-RB-UB	bpna	conb					0		
	UR-RF-RB-DF	bpnu	cond					0		
	UR-RF-RB-LU	bpne	cone					0	O	
	UR-RF-RB-BU	bpnq	conf					0		
	UR-RF-RB-RU	bpnm	cong					0	C	
	UR-RF-RB-FU	bpni	conh					0		
	UR-RF-RB-FL	bpnl	coni					0	P	
	UR-RF-RB-LF	bpnf	conj					0	L	
	UR-RF-RB-LB	bphn	conk	qlep wqxp wdl	E' R2 D' E F' E' F2 E F' D R2		11		O	
	UR-RF-RB-BR	bpnt	conn					0		P
	UR-RF-RB-LD	bpng	conq					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-RF-RB-BD	bpng	conr					0		
	UR-RF-RB-RD	bpmo	cons					0		F
	UR-RF-RB-DL	bpxn	cont					0		A
	UR-RF-RB-DB	bpnw	conu					0		
	UR-RF-RB-DR	bpmv	conv					0		L
	UR-RF-FR-UL	bpdj	copa					0		C
	UR-RF-FR-LU	bpte	cope					0		A
	UR-RF-FR-FL	bplj	copi					0		O
	UR-RF-FR-BL	bplr	copl					0		P
	UR-RF-LD-UL	bpgd	coqa					0		
	UR-RF-LD-UB	bpga	coqb	lajf ksjf jtl bl	D2 U R D2 R' S R D2 R S' R2 U' R2			13		
	UR-RF-LD-LU	bpgc	coqe					0		
	UR-RF-LD-FU	bpgi	coqh					0		
	UR-RF-LD-LF	bpgf	coqj					0		
	UR-RF-LD-LB	bpgh	coqk					0		
	UR-RF-LD-BL	bpgr	coql					0		O
	UR-RF-LD-BR	bpgt	coqm					0		
	UR-RF-LD-RB	bpgn	coqn					0		
	UR-RF-LD-DB	bpgw	coqu					0		P
	UR-RF-LD-DR	bpgv	coqv					0		
	UR-RF-BD-UL	bpsd	cora					0		
	UR-RF-BD-UB	bpsa	corb					0		O

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		0
	UR-RF-BD-DF	bpsu	cord				0			0
	UR-RF-BD-LU	bps e	core				0			0
	UR-RF-BD-BU	bpsq	corf				0			0
	UR-RF-BD-RU	bpsm	corg				0			C
	UR-RF-BD-FU	bpsi	corh				0			L
	UR-RF-BD-FL	bpsl	cori				0			0
	UR-RF-BD-LF	bpsf	corj				0			0
	UR-RF-BD-LB	bps h	cork				0			0
	UR-RF-BD-BL	bpsr	corl				0			0
	UR-RF-BD-BR	bpst	corm				0			0
	UR-RF-BD-RB	bpsn	corn	adkt jajs kec	D U R' S' R U R S R' D' U2		11			0
	UR-RF-BD-FR	bpsj	corp				0			0
	UR-RF-BD-DL	bpsx	cort				0			0
	UR-RF-BD-DR	bpsv	corv				0			0
	UR-RF-RD-UL	bpod	cosa				0			0
	UR-RF-RD-UB	bpoa	cosb				0			0
	UR-RF-RD-DF	bpou	cosd				0			A
	UR-RF-RD-LU	bpo e	cose				0			0
	UR-RF-RD-BU	bpoq	cosf				0			0
	UR-RF-RD-RU	bpom	cosg				0			0
	UR-RF-RD-FU	bpoi	cosh				0			0
	UR-RF-RD-FL	bpol	cosi				0			L

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		P
UR-RF-RD-LF	bpo _f	cosj					0			
UR-RF-RD-BL	bpor	cosl					0			
UR-RF-RD-BR	bpot	cosm					0			O
UR-RF-RD-RB	bpon	cosn					0			
UR-RF-RD-LD	bpo _g	cosq					0			A
UR-RF-RD-BD	bpos	cosr					0			O
UR-RF-RD-DL	bpo _x	cost					0			O
UR-RF-RD-DB	bpow	cosu					0			
UR-RF-RD-FD	bpo _k	cosx					0			L
UR-RF-DL-UL	bpxd	cota					0			
UR-RF-DL-UB	bpxa	cotb					0			O
UR-RF-DL-DF	bpxu	cotd					0			
UR-RF-DL-LU	bpxe	cote					0			L
UR-RF-DL-FU	bpxi	coth					0			
UR-RF-DL-FL	bpxl	coti					0			
UR-RF-DL-BR	bpxt	cotm					0			
UR-RF-DL-RB	bpxn	cotn					0			O
UR-RF-DL-BD	bpxs	cotr					0			
UR-RF-DL-RD	bpxo	cots					0			
UR-RF-DL-DB	bpxw	cotu					0			
UR-RF-DL-DR	bpxv	cotv					0			
UR-RF-DB-UL	bpwd	coua					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-RF-DB-UB	bpwa	coub					0			
UR-RF-DB-DF	bpwu	coud					0			A
UR-RF-DB-BU	bpwq	couf					0			
UR-RF-DB-FU	bpwi	couh					0			A
UR-RF-DB-FL	bpwl	coui					0			
UR-RF-DB-LF	bpwf	couj					0			
UR-RF-DB-LB	bpwh	couk					0			L
UR-RF-DB-BL	bpwr	coul					0			O
UR-RF-DB-BR	bpwt	coum					0			C
UR-RF-DB-RB	bpwn	coun					0			C
UR-RF-DB-FR	bpwj	coup					0			A
UR-RF-DB-LD	bpwg	couq					0			
UR-RF-DB-RD	bpwo	couss					0			P
UR-RF-DB-DL	bpwx	cout					0			O
UR-RF-DB-DR	bpwv	couv					0			L
UR-RF-DR-UL	bpvd	cova					0			
UR-RF-DR-UB	bpva	covb					0			
UR-RF-DR-DF	bpvu	covd					0			A
UR-RF-DR-BU	bpvq	covf					0			
UR-RF-DR-FU	bpvi	covh					0			
UR-RF-DR-FL	bpvl	covi					0			O
UR-RF-DR-LF	bpvf	covj					0			O

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-RF-DR-LB	bpvh	covk					0		
	UR-RF-DR-BL	bpvr	covl					0		
	UR-RF-DR-BR	bpvt	covm					0		
	UR-RF-DR-RB	bpvn	covn					0		P
	UR-RF-DR-LD	bpvg	covq					0		O
	UR-RF-DR-BD	bpvs	covr					0		
	UR-RF-DR-DL	bpvx	covt					0		A
	UR-FR-UL-UB	bjda	cpab					0		
	UR-FR-UL-DF	bjdu	cpad					0		
	UR-FR-UL-BU	bjdq	cpaf					0		O
	UR-FR-UL-FU	bjdi	cpah					0		
	UR-FR-UL-FL	bjdl	cpai	nvoc mbob nwm	M' F M2 U2 M U' M2 U' M' F' M			11		
	UR-FR-UL-LF	bjdf	cpaj	vagv mvnx hbw	F U L F M F M' F2 L' U' F'			11		
	UR-FR-UL-LB	bjdh	cpak	tgxb wpvq axhs	S' L F2 U' F' E F u F2 L' S			12		
	UR-FR-UL-BL	bjdr	cpal					0		O
	UR-FR-UL-BR	bjdt	cpam	xbqv pmwn ax	F2 U' E' F E M F' M' U F2			10		
	UR-FR-UL-RB	bjdn	cpan					0		
	UR-FR-UL-LD	bjdg	cpaq					0		
	UR-FR-UL-BD	bjds	cpar					0		P
	UR-FR-UL-RD	bjdo	cpas					0		
	UR-FR-UL-DL	bjdx	cpat					0		O
	UR-FR-UL-DB	bjdw	cpau					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-FR-UL-DR	bjdv	cpav					0		
	UR-FR-UB-UL	bjad	cpba	nwna obxn wm	M' F' M' U M2 U' F2 M' F' M		10		0	
	UR-FR-UB-DF	bjau	cpbd					0		
	UR-FR-UB-LU	bjae	cpbe					0		
	UR-FR-UB-RU	bjam	cpbg					0		
	UR-FR-UB-FL	bjal	cpbi					0		
	UR-FR-UB-LF	bjaf	cpbj					0	0	
	UR-FR-UB-LB	bjah	cpbk					0		
	UR-FR-UB-BL	bjar	cpbl					0		
	UR-FR-UB-BR	bjat	cpbm					0		
	UR-FR-UB-RB	bjan	cpbn					0		
	UR-FR-UB-LD	bjag	cpbq					0		
	UR-FR-UB-BD	bjas	cpbr					0		
	UR-FR-UB-DL	bjax	cpbt					0		
	UR-FR-UB-DB	bjaw	cpbu					0		A
	UR-FR-UB-DR	bjav	cpbv					0		
	UR-FR-DF-UL	bjud	cpda					0		
	UR-FR-DF-UB	bjua	cpdb					0		P
	UR-FR-DF-LU	bjue	cpde					0		
	UR-FR-DF-FL	bjul	cpdi					0		
	UR-FR-DF-LF	bjuf	cpdj					0		
	UR-FR-DF-BL	bjur	cpdl					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-FR-DF-BR	bjut	cpdm				0		O	
	UR-FR-DF-RB	bjun	cpdn				0		O	
	UR-FR-DF-RF	bjup	cpdo				0		F	
	UR-FR-DF-LD	bjug	cpdq				0		A	
	UR-FR-DF-BD	bjus	cpdr				0			
	UR-FR-DF-RD	bjuo	cpds				0		A	
	UR-FR-DF-DL	bjux	cpdt				0		A	
	UR-FR-DF-DB	bjuw	cpdu				0		P	
	UR-FR-DF-DR	bjuv	cpdv				0			
	UR-FR-LU-FU	bjei	cpeh				0			
	UR-FR-LU-FL	bjel	cpei				0			
	UR-FR-LU-LF	bjef	cpej				0			
	UR-FR-LU-LB	bjeh	cpek				0			
	UR-FR-LU-BL	bjer	cpel				0			
	UR-FR-LU-BR	bjet	cpem				0			
	UR-FR-LU-RB	bjen	cpen				0			
	UR-FR-LU-LD	bjeg	cpeq	bkbk tjcu ajat	U' R' U R' S' R U2 S2 U R U S'		12			
	UR-FR-LU-BD	bjes	cper				0		O	
	UR-FR-LU-DL	bjex	cpet				0			
	UR-FR-LU-DB	bjew	cpeu				0			
	UR-FR-LU-DR	bjev	cpev				0			
	UR-FR-BU-UL	bjqd	cpfa				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-FR-BU-DF	bjqu	cpfd					0			
UR-FR-BU-LU	bjqe	cpfe					0			
UR-FR-BU-LF	bjqf	cpfj					0			
UR-FR-BU-LB	bjqh	cpfk					0		A	
UR-FR-BU-BL	bjqr	cpfl					0		C	
UR-FR-BU-BR	bjqt	cpfm					0			
UR-FR-BU-RB	bjqn	cpfn					0			
UR-FR-BU-LD	bjqg	cpfq					0			
UR-FR-BU-BD	bjqs	cpfr					0		O	
UR-FR-BU-RD	bjqo	cpfs					0			
UR-FR-BU-DL	bjqx	cpft					0		A	
UR-FR-BU-DB	bjqw	cpfu					0		P	
UR-FR-BU-DR	bjqv	cpfv					0			
UR-FR-RU-BL	bjmr	cpgl					0		P	
UR-FR-RU-LD	bjmg	cpgq					0			
UR-FR-FU-UL	bjid	cpha					0		O	
UR-FR-FU-UB	bjia	cphb					0			
UR-FR-FU-LU	bjie	cphe					0		O	
UR-FR-FU-BU	bjiq	cphf					0			
UR-FR-FU-FL	bjil	cphi					0		L	
UR-FR-FU-LF	bjif	cphj					0			
UR-FR-FU-BL	bjir	cphl					0		L	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-FR-FU-BR	bjit	cphm				0			
	UR-FR-FU-LD	bjig	cphq				0			A
	UR-FR-FU-RD	bjio	cphs				0			
	UR-FR-FU-DL	bjix	cphth				0			
	UR-FR-FU-DR	bjiv	cphv				0			
	UR-FR-FL-UL	bjld	cpiia				0			
	UR-FR-FL-UB	bjla	cpiib				0			
	UR-FR-FL-LU	bjle	cpiie	xgwh wbwh bgxa	F2 L F' L' F' U' F' L' U' L F2 U		12			
	UR-FR-FL-LB	bjlh	cpiik				0			
	UR-FR-FL-BL	bjlr	cpiil				0			
	UR-FR-FL-BR	bjlt	cpiim	vqwa vpvq xbp	F E' F' U F E F E' F2 u'		11			
	UR-FR-FL-RB	bjln	cpiin				0			A
	UR-FR-FL-LD	bjlg	cpiiq				0			
	UR-FR-FL-RD	bjlo	cpiis				0			
	UR-FR-FL-DB	bjlw	cpiiu				0			
	UR-FR-FL-DR	bjlv	cpiiv				0			
	UR-FR-LF-UL	bjfd	cpja				0			
	UR-FR-LF-UB	bjfa	cpjb				0			A
	UR-FR-LF-DF	bjfu	cpjd				0			
	UR-FR-LF-LU	bjfe	cpje				0			
	UR-FR-LF-BU	bjfq	cpjf				0			
	UR-FR-LF-FU	bjfi	cpjh				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-FR-LF-LB	bjfh		cpjk					0		
UR-FR-LF-BL	bjfr		cpjl					0		
UR-FR-LF-BR	bjft		cpjm					0		
UR-FR-LF-RB	bjfn		cpjn					0		
UR-FR-LF-LD	bjfg		cpjq					0		
UR-FR-LF-BD	bjfs		cpjr					0		
UR-FR-LF-RD	bjfo		cpjs					0		
UR-FR-LF-DL	bjfx		cpjt					0		
UR-FR-LF-DB	bjfw		cpju					0		
UR-FR-LF-DR	bjfv		cpjv					0		
UR-FR-LB-UL	bjhd		cpka					0		0
UR-FR-LB-UB	bjha		cpkb					0		
UR-FR-LB-DF	bjhu		cpkd					0		
UR-FR-LB-LU	bjhe		cpke					0		
UR-FR-LB-BU	bjhq		cpkf					0		
UR-FR-LB-FU	bjhi		cpkh					0		
UR-FR-LB-FL	bjhl		cpki					0		
UR-FR-LB-LF	bjhf		cpkj					0		
UR-FR-LB-BR	bjht		cpkm					0		
UR-FR-LB-RB	bjhn		cpkn					0		A
UR-FR-LB-LD	bjhg		cpkq					0		
UR-FR-LB-RD	bjho		cpks					0		A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-FR-LB-DL	bjhx	cpkt					0		
	UR-FR-LB-DR	bjhv	cpkv					0		
	UR-FR-BL-UL	bjrd	cpla	bwhs atbg va	U' F' L' S U S' U' L F U			10		
	UR-FR-BL-UB	bjra	cplb	kqbl sjtl pkaj	R' E' U' R2 S R S' R2 E R' U R			12		
	UR-FR-BL-DF	bjru	cpld	ekqb tjsp kajd	D' R' E' U' S' R S E R' U R D			12	0	
	UR-FR-BL-LU	bjre	cple	bjak rsjb katr	U' R U R' E2 S R U' R' U S' E2			12	0	
	UR-FR-BL-BU	bjrq	cplf	hbsw atbv ag	L' U' S F' U S' U' F U L			10		
	UR-FR-BL-FU	bjri	cplh					0		0
	UR-FR-BL-FL	bjrl	cpli	xpav qxpv bxq	F2 E U F E' F2 E F U' F2 E'			11		
	UR-FR-BL-LF	bjrf	cplj	kqbk qjpj pkaj	R' E' U' R' E' R E R E R' U R			12		
	UR-FR-BL-BR	bjrt	cplm	blqj pjak qjp	U' R2 E' R E R U R' E' R E			11	F	
	UR-FR-BL-RB	bjrn	cpln	jvpw jxqv pvql	R F E F' R F2 E' F E F E' R 2			12		
	UR-FR-BL-LD	bjrg	cplq	xdjr kvkr jwex	F2 D R E2 R' F R' E2 R F' D' F2			12		
	UR-FR-BL-BD	bjrs	cplr	wmga nasa tahv	F' I U M' U S U S' U L' F			12		
	UR-FR-BL-RD	bjro	cpls	kpjw kpvr wjv	R' E R F' R' E F E2 F' R F			11	C	
	UR-FR-BL-DL	bjrx	cplt	kbtq jpsk aj	R' U' S' E' R E S R' U R			10	A	
	UR-FR-BL-DB	bjrw	cplu	dkbt qjps kaje	D R' U' S' E' R E S R' U R D'			12		
	UR-FR-BL-DR	bjrv	cplv	kbpx pjrk xaj	R' u' F2 E R E2 R' F2 U R			11	A	
	UR-FR-BR-UL	bjtd	cpma					0		
	UR-FR-BR-UB	bjta	cpmb	bksl uksa tjsk	U' R' S R2 S2 R' S U S' R S R'			12		
	UR-FR-BR-DF	bjtu	cpmd	ajan tasm ckb	U R U M' S' U S M U2 R' U'			11	A	
	UR-FR-BR-LU	bjte	cpme					0		A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-FR-BR-BU	bjtq	cpmf	atak sjbj tksb	U S' U R' S R U' R S' R' S U'		12			
	UR-FR-BR-FL	bjtl	cpmi	bjrk ajrj plq	U' R E2 R' U R E2 R E R2 E'		11			
	UR-FR-BR-LF	bjtf	cpmj	ajiw thug vit kb	U R L2 f' L' S2 L F L2 S' R' U'		13			
	UR-FR-BR-LB	bjth	cpmk	jvpj xqvn vkw mk	R F E R F2 E' F M' F R' F' r'		13			A
	UR-FR-BR-BL	bjtr	cpml	qlau bpjd oej	E' R2 U S2 u' R D M2 D' R		11			
	UR-FR-BR-LD	bjtg	cpmq				0			
	UR-FR-BR-BD	bjts	cpmr	ckbt ambn asjc	U2 R' U' S' U M U' M' U S R U2		12			
	UR-FR-BR-RD	bjto	cpms	ckbt asja ksj ta	U2 R' U' S' U S R U R' S R S' U		13			
	UR-FR-BR-DL	bjtx	cpmt				0			
	UR-FR-BR-DB	bjtw	cpmu	ajbm ctas cnkb	U R U' M U2 S' U S U2 M' R' U'		12			
	UR-FR-BR-DR	bjtv	cpmv	rhbs csbu gr	E2 L' U' S U2 S U' S2 L E2		10			
	UR-FR-RB-UL	bjnd	cpna				0			
	UR-FR-RB-UB	bjna	cpnb				0			
	UR-FR-RB-DF	bjnu	cpnd				0			
	UR-FR-RB-LU	bjne	cpne				0			
	UR-FR-RB-BU	bjnq	cpnf				0			
	UR-FR-RB-RU	bjnm	cpng				0			
	UR-FR-RB-FU	bjni	cpnh				0			
	UR-FR-RB-LB	bjnh	cpnk	wqwj plpj wqw	F' E' F' R E R2 E R F' E' F'		11			O
	UR-FR-RB-BL	bjnr	cpnl				0			
	UR-FR-RB-LD	bjng	cpnq				0			
	UR-FR-RB-BD	bjns	cpnr				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-FR-RB-RD	bjno	cpns	bsat jskb ta	U' S U S' R S R' U' S' U		10			
	UR-FR-RB-DL	bjnx	cpnt				0			
	UR-FR-RB-DB	bjnw	cpnu				0			0
	UR-FR-RB-DR	bjnv	cpnv				0			
	UR-FR-RF-UB	bjpa	cpob				0			
	UR-FR-RF-LU	bjpe	cpoe				0			
	UR-FR-RF-RU	bjpm	cpog				0			
	UR-FR-RF-FU	bjpi	cpoh				0			
	UR-FR-RF-RD	bjpo	cpos				0			
	UR-FR-RF-DL	bjpx	cpot				0			
	UR-FR-LD-UL	bjgd	cpqa				0			A
	UR-FR-LD-UB	bjga	cpqb				0			A
	UR-FR-LD-DF	bjgu	cpqd				0			O
	UR-FR-LD-LU	bjge	cpqe				0			
	UR-FR-LD-BU	bjgq	cpqf				0			
	UR-FR-LD-FL	bjgl	cpqi				0			
	UR-FR-LD-LF	bjgf	cpqj				0			
	UR-FR-LD-LB	bjgh	cpqk				0			
	UR-FR-LD-BL	bjgr	cpql				0			
	UR-FR-LD-BR	bjgt	cpqm				0			
	UR-FR-LD-RB	bjgn	cpqn				0			
	UR-FR-LD-BD	bjgs	cpqr				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-FR-LD-RD	bjgo	cpqs					0			
UR-FR-LD-DB	bjgw	cpqu					0			
UR-FR-LD-DR	bjgv	cpqv					0			
UR-FR-BD-UL	bjsd	cpra					0			
UR-FR-BD-LU	bjse	cpre					0			
UR-FR-BD-BU	bjsq	cprf					0			
UR-FR-BD-FU	bjsi	cprh					0			
UR-FR-BD-FL	bjsl	cpri					0		0	
UR-FR-BD-LF	bjsf	cprj					0		0	
UR-FR-BD-BL	bjsr	cprl					0			
UR-FR-BD-BR	bjst	cprm					0			
UR-FR-BD-RB	bjsn	cprn					0			
UR-FR-BD-LD	bjsg	cprq					0			
UR-FR-BD-RD	bjso	cprs					0			
UR-FR-BD-DL	bjsx	cprt					0		L	
UR-FR-RD-UL	bjod	cpsa					0			
UR-FR-RD-LU	bjoe	cpse					0			
UR-FR-RD-FU	bjoi	cphs					0			
UR-FR-RD-LF	bjof	cpsj					0			
UR-FR-RD-LB	bjoh	cpsk					0			
UR-FR-RD-BL	bjor	cpsl					0			
UR-FR-RD-BR	bjot	cpsm					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
			cpsn				0			
UR-FR-RD-RB	bjon	cpsn					0			
UR-FR-RD-LD	bjog	cpsq					0			A
UR-FR-RD-BD	bjos	cpsr					0			
UR-FR-RD-DL	bjox	cpst					0			
UR-FR-RD-DB	bjow	cpsy					0			
UR-FR-DL-UL	bjxd	cpta					0			
UR-FR-DL-UB	bjxa	cptb					0			
UR-FR-DL-LU	bjxe	cpte					0			
UR-FR-DL-BU	bjxq	cptf					0			
UR-FR-DL-FU	bjxi	cptg					0			
UR-FR-DL-FL	bjxl	cpti					0			
UR-FR-DL-LF	bjxf	cptj					0			
UR-FR-DL-LB	bjxh	cptk					0			
UR-FR-DL-BL	bjxr	cptl					0			
UR-FR-DL-BR	bjxt	cptm					0			
UR-FR-DL-RB	bjxn	cptn					0			
UR-FR-DL-BD	bjxs	cptr					0			
UR-FR-DL-DB	bjxw	cptu					0			
UR-FR-DL-DR	bjxv	cptv					0			
UR-FR-DB-UL	bjwd	cpua					0			
UR-FR-DB-UB	bjwa	cpub					0			
UR-FR-DB-DF	bjwu	cpud					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-FR-DB-LU	bjwe	cpue					0		
	UR-FR-DB-BU	bjwq	cpuf					0		
	UR-FR-DB-FU	bjwi	cpuh					0		
	UR-FR-DB-FL	bjwl	cpui					0	0	
	UR-FR-DB-LF	bjwf	cpuj					0		
	UR-FR-DB-LB	bjwh	cpuk					0	0	
	UR-FR-DB-BL	bjwr	cpul	wkfpv qwf jv	F' R' D2 E F E' F' D2 R F			10		
	UR-FR-DB-BR	bjwt	cpum					0		
	UR-FR-DB-RB	bjwn	cpun					0	0	
	UR-FR-DB-LD	bjwg	cpuq					0		
	UR-FR-DB-RD	bjwo	cpus					0	0	
	UR-FR-DB-DL	bjwx	cput					0	L	
	UR-FR-DB-DR	bjwv	cpuv					0		
	UR-FR-DR-UL	bjvd	cpva					0		
	UR-FR-DR-UB	bjva	cpvb					0		
	UR-FR-DR-DF	bjvu	cpvd					0		
	UR-FR-DR-LB	bjvh	cpvk	bjqk alpj qjp	U' R E' R' U R2 E R E' R E			11		
	UR-FR-DR-BL	bjvr	cpvl					0		
	UR-FR-DR-BR	bjvt	cpvm					0		
	UR-FR-DR-RB	bjvn	cpvn					0		
	UR-FR-DR-DL	bjvx	cpvt					0		
	UR-FR-DR-DB	bjvw	cpvu					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-LD-UL-UB	bgda	cqab				0			
	UR-LD-UL-BU	bgdq	cqaf				0			
	UR-LD-UL-FU	bgdi	cqah				0			
	UR-LD-UL-FL	bgdl	cqai	hmke nqhp jvi	L' r' D' M' E' L' E R F L2		11			
	UR-LD-UL-LF	bgdf	cqaj				0			
	UR-LD-UL-LB	bgdh	cqak				0			
	UR-LD-UL-BL	bgdr	cqal				0			
	UR-LD-UL-BR	bgdt	cqam				0			
	UR-LD-UL-RB	bgdn	cqan				0			
	UR-LD-UL-BD	bgds	cqar				0			
	UR-LD-UL-RD	bgdo	cqas				0			
	UR-LD-UL-DB	bgdw	cqau				0			
	UR-LD-UL-DR	bgdv	cqav				0			
	UR-LD-UB-UL	bgad	cqba	btai buati	U' S' U L2 U' S2 U S' L2		9			
	UR-LD-UB-DF	bgau	cqbd				0			
	UR-LD-UB-LU	bgae	cqbe				0			
	UR-LD-UB-FU	bgai	cqbh				0			
	UR-LD-UB-LF	bgaf	cqbj				0			
	UR-LD-UB-LB	bgah	cqbk				0			
	UR-LD-UB-BL	bgar	cqbl				0			
	UR-LD-UB-BR	bgat	cqbm				0			
	UR-LD-UB-RB	bgan	cqbn				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-LD-UB-RF	bgap	cqbo						0		
UR-LD-UB-FR	bgaj	cqbp						0		
UR-LD-UB-BD	bgas	cqbr						0		
UR-LD-UB-RD	bgao	cqbs						0		
UR-LD-UB-DB	bgaw	cqbu						0		
UR-LD-UB-DR	bgav	cqbv						0		
UR-LD-DF-UL	bgud	cqda						0		
UR-LD-DF-LU	bgue	cqde						0		
UR-LD-DF-FL	bgul	cqdi						0		
UR-LD-DF-LF	bguf	cqdj						0		
UR-LD-DF-LB	bguh	cqdk						0		
UR-LD-DF-RB	bgun	cqdn						0		0
UR-LD-DF-RF	bgup	cqdo						0		
UR-LD-DF-FR	bguj	cqdp						0		
UR-LD-DF-DB	bguw	cqdu						0		
UR-LD-DF-DR	bguv	cqdv						0		
UR-LD-LU-UB	bgea	cqeb						0		
UR-LD-LU-DF	bgeu	cqed						0		
UR-LD-LU-BU	bgeq	cqef						0		
UR-LD-LU-LB	bgeh	cqek						0		
UR-LD-LU-BL	bger	cqel						0		
UR-LD-LU-RB	bgen	cqen						0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-LD-LU-RF	bgep	cqeo				0			
	UR-LD-LU-FR	bgej	cqep				0			
	UR-LD-LU-BD	bges	cqer				0			
	UR-LD-LU-RD	bgeo	cqes				0			
	UR-LD-LU-DB	bgew	cceu				0			
	UR-LD-LU-DR	bgev	cqev				0			
	UR-LD-BU-UL	bgqd	cqfa				0		F	
	UR-LD-BU-UB	bgqa	cqfb				0			
	UR-LD-BU-DF	bgqu	cqfd				0			
	UR-LD-BU-LU	bgqe	cqfe				0			
	UR-LD-BU-FU	bgqi	cqfh				0			
	UR-LD-BU-LF	bgqf	cqfj				0			
	UR-LD-BU-BL	bgqr	cqfl				0			
	UR-LD-BU-BR	bgqt	cqfm				0			
	UR-LD-BU-RB	bgqn	cqfn	qkdn ejpl asbl	E' R' D M' D' R E R2 U S U' R2		12			
	UR-LD-BU-FR	bgqj	cqfp				0			
	UR-LD-BU-RD	bgqo	cqfs				0		A	
	UR-LD-BU-DB	bgqw	cqfu				0			
	UR-LD-BU-DR	bgqv	cqfv				0			
	UR-LD-RU-UL	bgmd	cqga				0			
	UR-LD-RU-LF	bgmf	cqgj				0			
	UR-LD-FU-UL	bgid	cqha				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-LD-FU-UB	bgia	cqhb					0			
UR-LD-FU-LU	bgie	cqhe					0			
UR-LD-FU-FL	bgil	cqhi					0			
UR-LD-FU-LF	bgif	cqhj					0			
UR-LD-FU-LB	bgih	cqhk					0		0	
UR-LD-FU-BL	bgir	cqhl					0			
UR-LD-FU-BR	bgit	cqhm					0		0	
UR-LD-FU-RB	bgin	cqhn					0			
UR-LD-FU-RF	bgip	cqho					0		0	
UR-LD-FU-FR	bgij	cqhp					0			
UR-LD-FU-BD	bgis	cqhr					0			
UR-LD-FU-DB	bgiw	cqhu					0			
UR-LD-FU-DR	bgiv	cqhv					0			
UR-LD-FL-UB	bgla	cqib					0			
UR-LD-FL-DF	bglu	cqid					0			
UR-LD-FL-BU	bgjq	cqif					0			
UR-LD-FL-FU	bgli	cqih					0			
UR-LD-FL-LB	bglh	cqik					0			A
UR-LD-FL-BL	bglr	cqil					0			
UR-LD-FL-BR	bglt	cqim					0			
UR-LD-FL-RB	bgln	cqin					0			
UR-LD-FL-FR	bglj	cqip					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-LD-FL-RD	bglo	cqis				0			
	UR-LD-FL-DB	bglw	cqiu				0			
	UR-LD-FL-DR	bglv	cqiv				0			
	UR-LD-LF-UL	bgfd	cqja				0			
	UR-LD-LF-UB	bgfa	cqjb				0			
	UR-LD-LF-DF	bgfu	cqjd				0			
	UR-LD-LF-LU	bgfe	cqje				0			
	UR-LD-LF-BU	bgfq	cqjf				0			
	UR-LD-LF-FU	bgfi	cqjh				0			
	UR-LD-LF-BR	bgft	cqjm				0			
	UR-LD-LF-RB	bgfn	cqjn	mgdw lqkp kve nh	I D F' R2 E' R' E R' F D' I'		13		0	
	UR-LD-LF-RF	bgfp	cqjo				0			
	UR-LD-LF-FR	bgfj	cqjp				0			
	UR-LD-LF-RD	bgfo	cqjs				0			
	UR-LD-LF-DR	bgfv	cqjv				0			
	UR-LD-LB-UL	bghd	cqka				0			
	UR-LD-LB-UB	bgha	cqkb	qjbt ajas blp	E' R U' S' U R U S U' R2 E		11			
	UR-LD-LB-DF	bghu	cqkd				0			
	UR-LD-LB-LU	bghe	cqke				0			
	UR-LD-LB-BU	bghq	cqkf				0			
	UR-LD-LB-RU	bghm	cqkg				0			
	UR-LD-LB-LF	bghf	cqkj				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-LD-LB-BR	bght	cqkm				0			
	UR-LD-LB-RB	bghn	cqkn				0			
	UR-LD-LB-RF	bghp	cqko	jwtg pgqg sgvk	R' f L E L E' L S L F R'		12			
	UR-LD-LB-BD	bghs	cqkr				0			
	UR-LD-LB-DL	bghx	cqkt				0			A
	UR-LD-LB-DB	bghw	cqku				0			
	UR-LD-BL-UL	bgrd	cqla				0			L
	UR-LD-BL-UB	bgra	cqlb				0			
	UR-LD-BL-DF	bgru	cqld				0			
	UR-LD-BL-LU	bgre	cqle				0			
	UR-LD-BL-BU	bgrq	cqlf				0			O
	UR-LD-BL-FL	bgrl	cqli				0			
	UR-LD-BL-LF	bgrf	cqlj				0			
	UR-LD-BL-BR	bgrt	cqlm				0			
	UR-LD-BL-RF	bgrp	cqlo				0			
	UR-LD-BL-FR	bgrj	cqlp				0			
	UR-LD-BL-BD	bgrs	cqlr				0			
	UR-LD-BL-RD	bgro	cqls				0			
	UR-LD-BL-DB	bgrw	cqlu				0			
	UR-LD-BL-DR	bgrv	cqlv				0			
	UR-LD-BR-UL	bgtd	cqma				0			
	UR-LD-BR-DF	bgtu	cqmd				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-LD-BR-LU	bgte	cqme						0		
UR-LD-BR-BU	bgtq	cqmf						0		
UR-LD-BR-LF	bgtf	cqmj						0		
UR-LD-BR-LB	bgth	cqmk						0		
UR-LD-BR-BL	bgtr	cqml						0		
UR-LD-BR-RF	bgtp	cqmo						0		
UR-LD-BR-FR	bgtj	cqmp						0		
UR-LD-BR-BD	bgts	cqmr						0		
UR-LD-BR-RD	bgto	cqms						0		
UR-LD-BR-DB	bgtw	cqmu						0		
UR-LD-BR-DR	bgtv	cqmv						0		
UR-LD-RB-UL	bgnd	cqna						0		
UR-LD-RB-UB	bgna	cqnb						0		
UR-LD-RB-DF	bgnu	cqnd						0		
UR-LD-RB-LU	bgne	cqne						0		
UR-LD-RB-BU	bgnq	cqnf						0		
UR-LD-RB-FL	bgnl	cqni						0		
UR-LD-RB-LF	bgnf	cqnj						0		
UR-LD-RB-LB	bgnh	cqnk						0		
UR-LD-RB-BL	bgnr	cqnl						0		
UR-LD-RB-RF	bgnp	cqno						0		
UR-LD-RB-FR	bgnj	cqnp						0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-LD-RB-RD	bgn0	cqns					0		
	UR-LD-RB-DB	bgnw	cqnu	vamk ensd tjbw	F U r' D' M' S D S' R U' F'			12		
	UR-LD-RB-DR	bgnv	cqnv					0		
	UR-LD-RF-UL	bgpd	cqoa					0		
	UR-LD-RF-UB	bgpa	cqob					0		
	UR-LD-RF-DF	bgpu	cqod					0		O
	UR-LD-RF-BU	bgpq	cqof					0		
	UR-LD-RF-FL	bgpl	cqoi					0		
	UR-LD-RF-LF	bgpf	cqoj					0		
	UR-LD-RF-LB	bgph	cqok					0		
	UR-LD-RF-BL	bgpr	cqol					0		O
	UR-LD-RF-BR	bgpt	cqom					0		A
	UR-LD-RF-RB	bgpn	cqon					0		
	UR-LD-RF-RD	bgpo	cqos					0		C
	UR-LD-RF-DB	bgpw	cqou					0		
	UR-LD-RF-DR	bgpv	cqov					0		
	UR-LD-FR-UB	bgja	cqpb					0		
	UR-LD-FR-LU	bgje	cqpe	gwkw pwqx jvh	L F' R' F' E F' E' F2 R F L'			11		
	UR-LD-FR-BU	bgjq	cqpf	nvl d nel m w m	M' F R2 D M' D' R2 M F' M			10		
	UR-LD-FR-FU	bgji	cqph					0		
	UR-LD-FR-FL	bgjl	cqpi					0		
	UR-LD-FR-LF	bgjf	cqpj					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-LD-FR-LB	bgjh	cqpk				0			
	UR-LD-FR-BL	bgjr	cqpl				0			
	UR-LD-FR-BR	bgjt	cqpm				0			
	UR-LD-FR-RB	bgjn	cqpn				0			
	UR-LD-FR-RD	bgjo	cqps				0			
	UR-LD-FR-DB	bgjw	cqpu				0			
	UR-LD-FR-DR	bgjv	cqpv				0			
	UR-LD-BD-UL	bgsd	cqra				0			
	UR-LD-BD-UB	bgsa	cqrb				0			
	UR-LD-BD-LU	bgse	cqre				0		A	
	UR-LD-BD-FU	bgsi	cqrh				0			
	UR-LD-BD-FL	bgsi	cqli				0			
	UR-LD-BD-LF	bgsf	cqrj				0			
	UR-LD-BD-BL	bgsr	cqlr				0			
	UR-LD-BD-RB	bgsn	cqrn				0			
	UR-LD-BD-RF	bgsp	cqro				0			
	UR-LD-BD-RD	bgso	cqrs				0		C	
	UR-LD-BD-DR	bgsv	cqrv				0			
	UR-LD-RD-UL	bgod	cqsa	nasa uas am	M' U S U S2 U S U M		9			
	UR-LD-RD-UB	bgoa	cqsb	m doc mb me nb	M D M2 U2 M U' M D' M' U'		10			
	UR-LD-RD-DF	bgou	cqsd				0			
	UR-LD-RD-LU	bgoe	cqse	gbhs gag ti	L U' L' S L U L S' L2		9			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-LD-RD-BU	bgoq	cqsf	bsga gthb ha	U' S L U L S' L' U' L' U		10			
	UR-LD-RD-FU	bgoi	cqsh				0			
	UR-LD-RD-FL	bgol	cqsi	nehc maca jvmg mk	M' D' L' U2 M U M2 U R F l r'		14			
	UR-LD-RD-LF	bgof	cqsj	bjpk sfta jqkf	U' R E R' S D2 S' U R E' R' D2		12			
	UR-LD-RD-LB	bgoh	cqsk	kaje mdgt hdne	R' E' R D' M D L S' L' D M' D'		12			
	UR-LD-RD-BL	bgor	cqsl	njjd nelh emd mg	r R D M' D' R2 L' D' M D I		13			
	UR-LD-RD-BR	bgot	cqsm	latb kajt kubk	R2 U S' U' R' U R S' R' S2 U' R'		12			
	UR-LD-RD-RB	bgon	cqsn	sata scjb tak	S U S' U S U2 R U' S' U R'		11			
	UR-LD-RD-RF	bgop	cqso	sata sckb taj	S U S' U S U2 R' U' S' U R		11			
	UR-LD-RD-FR	bgoj	cqsp	latb jakt jubj	R2 U S' U' R U R' S' R S2 U' R		12			
	UR-LD-RD-BD	bgos	cqsr				0			
	UR-LD-RD-DL	bgox	cqst				0			
	UR-LD-RD-DB	bgow	cqsu	mblt lubt bnb	M U' R2 S' R2 S2 U' S' U' M' U'		11			
	UR-LD-DL-DF	bgxu	cqtd				0			
	UR-LD-DB-UL	bgwd	cqua				0			
	UR-LD-DB-UB	bgwa	cqub				0			
	UR-LD-DB-LU	bgwe	cque				0		0	
	UR-LD-DB-BU	bgwq	cquf				0			
	UR-LD-DB-FL	bgwl	cqui				0			
	UR-LD-DB-LF	bgwf	cquj				0			
	UR-LD-DB-LB	bgwh	cquk				0			
	UR-LD-DB-BL	bgwr	cqlu				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-LD-DB-BR	bgwt	cqum				0			
	UR-LD-DB-RB	bgwn	cqun				0			
	UR-LD-DB-RF	bgwp	cquo	iajb makn bi	L2 U R U' M U R' M' U' L2		10			
	UR-LD-DB-FR	bgwj	cqup				0			
	UR-LD-DB-RD	bgwo	cqus				0			
	UR-LD-DB-DR	bgwv	cquv				0			
	UR-LD-DR-UL	bgvd	cqva				0			
	UR-LD-DR-DF	bgvu	cqvд				0			
	UR-LD-DR-LU	bgve	cqve				0			
	UR-LD-DR-BU	bgvq	cqvf				0			
	UR-LD-DR-FU	bgvi	cqvh				0			
	UR-LD-DR-FL	bgvl	cqvi				0			
	UR-LD-DR-LF	bgvf	cqvj				0			
	UR-LD-DR-LB	bgvh	cqvк	chbs gtha gc	U2 L' U' S L S' L' U L U2		10			
	UR-LD-DR-BL	bgvr	cqvl				0			
	UR-LD-DR-BR	bgvt	cqvм				0			
	UR-LD-DR-RB	bgvn	cqvn				0			
	UR-LD-DR-RF	bgvp	cqvo				0			A
	UR-LD-DR-FR	bgvj	cqvp				0			
	UR-LD-DR-BD	bgvs	cqvr	cntd semc	U2 M' S' D S D' M U2		8			
	UR-LD-DR-DB	bgvw	cqvu				0			
	UR-BD-UL-UB	bsda	crab				0			0

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-BD-UL-DF	bsdu	crad					0		
	UR-BD-UL-BU	bsdq	craf					0		
	UR-BD-UL-FL	bsdl	crai					0		F
	UR-BD-UL-LF	bsdf	craj					0		
	UR-BD-UL-LB	bsdh	crak					0		
	UR-BD-UL-BL	bsdr	cral					0		
	UR-BD-UL-BR	bsdt	cram					0		A
	UR-BD-UL-RB	bsdn	cran					0		O
	UR-BD-UL-RF	bsdp	crao					0		
	UR-BD-UL-FR	bsdj	crap					0		A
	UR-BD-UL-LD	bsdg	craq					0		
	UR-BD-UL-RD	bsdo	cras	eint asbl md	D' R2 M' S' U S U' R2 M D		10			P
	UR-BD-UL-DL	bsdx	crat					0		
	UR-BD-UL-DR	bsdv	crav					0		F
	UR-BD-UB-UL	bsad	crba	namc naoa nb	M' U M U2 M' U M2 U M' U'		10			
	UR-BD-UB-LU	bsae	crbe					0		
	UR-BD-UB-BU	bsaq	crbf					0		P
	UR-BD-UB-FU	bsai	crbh					0		
	UR-BD-UB-FL	bsal	crbi					0		
	UR-BD-UB-LF	bsaf	crbj					0		
	UR-BD-UB-LB	bsah	crbk					0		
	UR-BD-UB-BL	bsar	crbl					0		O

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		0
UR-BD-UB-BR	bsat		crbm				0			
UR-BD-UB-RB	bsan		crbn				0			A
UR-BD-UB-RF	bsap		crbo				0			0
UR-BD-UB-FR	bsaj		crbp				0			
UR-BD-UB-LD	bsag		crbq				0			
UR-BD-UB-RD	bsao		crbs				0			0
UR-BD-UB-DL	bsax		crbt				0			0
UR-BD-UB-DR	bsav		crbv				0			
UR-BD-DF-UL	bsud		crda				0			
UR-BD-DF-LU	bsue		crde				0			
UR-BD-DF-BU	bsuq		crdf				0			0
UR-BD-DF-FL	bsul		crdi				0			
UR-BD-DF-LF	bsuf		crdj				0			
UR-BD-DF-LB	bsuh		crdk				0			
UR-BD-DF-BL	bsur		crdl				0			0
UR-BD-DF-BR	bsut		crdm				0			
UR-BD-DF-RB	bsun		crdn				0			0
UR-BD-DF-RF	bsup		crdo				0			A
UR-BD-DF-FR	bsuj		crdp				0			
UR-BD-DF-DL	bsux		crdt				0			0
UR-BD-DF-DR	bsuv		crdv				0			
UR-BD-LU-UB	bsea		creb				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		O
	UR-BD-LU-DF	bseu	cred					0		
	UR-BD-LU-BU	bseq	cref					0		
	UR-BD-LU-RU	bsem	creg					0		
	UR-BD-LU-FU	bsei	creh					0		
	UR-BD-LU-FL	bsel	crei					0		
	UR-BD-LU-LF	bsef	crej					0		
	UR-BD-LU-LB	bseh	crek					0		
	UR-BD-LU-BR	bset	crem					0		A
	UR-BD-LU-RB	bsen	cren					0		
	UR-BD-LU-RF	bsep	creo					0		L
	UR-BD-LU-FR	bsej	crep					0		
	UR-BD-LU-LD	bseg	creq	scta mbna man	S U2 S' U M U' M' U M U M'		11			L
	UR-BD-LU-RD	bseo	cres					0		O
	UR-BD-LU-DR	bsev	crev					0		A
	UR-BD-BU-UL	bsqd	crfa					0		A
	UR-BD-BU-DF	bsqu	crfd					0		
	UR-BD-BU-LU	bsqe	crfe					0		O
	UR-BD-BU-LF	bsqf	crfj					0		
	UR-BD-BU-LB	bsqh	crfk					0		
	UR-BD-BU-BL	bsqr	crfl					0		
	UR-BD-BU-BR	bsqt	crfm					0		A
	UR-BD-BU-RB	bsqn	crfn					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-BD-BU-LD	bsqg	crfq				0			
	UR-BD-BU-RD	bsqo	crfs				0			
	UR-BD-BU-DL	bsqx	crft				0		C	
	UR-BD-BU-DB	bsqw	crfu				0		A	
	UR-BD-RU-UB	bsma	crgb				0			
	UR-BD-RU-RD	bsmo	crgs				0		O	
	UR-BD-RU-DR	bsmv	crgv				0			
	UR-BD-FU-UL	bsid	crha				0			
	UR-BD-FU-UB	bsia	crhb				0			
	UR-BD-FU-LU	bsie	crhe				0			
	UR-BD-FU-RU	bsim	crhg				0			
	UR-BD-FU-FL	bsil	crhi				0			
	UR-BD-FU-LF	bsif	crhj				0			
	UR-BD-FU-LB	bsih	crhk				0			
	UR-BD-FU-RB	bsin	crhn				0			
	UR-BD-FU-RF	bsip	crho				0		A	
	UR-BD-FU-LD	bsig	crhq				0			
	UR-BD-FU-RD	bsio	crhs				0			
	UR-BD-FU-DR	bsiv	crhv				0			
	UR-BD-FL-UL	bsld	cria	hama ncgb man	L' U M U M' U2 L U' M U M'		11			
	UR-BD-FL-UB	bsla	crib				0		O	
	UR-BD-FL-LU	bsle	crie				0		P	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-BD-FL-BU	bslq	crif				0			
	UR-BD-FL-LB	bslh	crik				0		C	
	UR-BD-FL-BL	bslr	cril				0			
	UR-BD-FL-BR	bslt	crim				0		O	
	UR-BD-FL-RB	bsln	crin				0		F	
	UR-BD-FL-RF	bslp	crio				0			
	UR-BD-FL-FR	bslj	crip	cwcm cvav nwa	U2 F' U2 M U2 F U F M' F' U		11		P	
	UR-BD-FL-LD	bslg	criq				0			
	UR-BD-FL-RD	bslo	cris				0		P	
	UR-BD-FL-DL	bslx	crit				0			
	UR-BD-FL-DR	bslv	criv				0			
	UR-BD-LF-UL	bsfd	crja				0			
	UR-BD-LF-UB	bsfa	crjb				0		A	
	UR-BD-LF-LU	bsfe	crje				0			
	UR-BD-LF-BU	bsfq	crjf				0			
	UR-BD-LF-LB	bsfh	crjk				0			
	UR-BD-LF-BL	bsfr	crjl				0			
	UR-BD-LF-BR	bsft	crjm				0			
	UR-BD-LF-RB	bsfn	crjn				0			
	UR-BD-LF-FR	bsfj	crjp				0			
	UR-BD-LF-LD	bsfg	crjq				0			
	UR-BD-LF-DL	bsfx	crjt				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-BD-LB-UL	bshd	crka				0			
	UR-BD-LB-UB	bsha	crkb				0			
	UR-BD-LB-LU	bshe	crke				0			
	UR-BD-LB-FU	bshi	crkh				0			
	UR-BD-LB-LF	bshf	crkj				0			
	UR-BD-LB-RF	bshp	crko				0			
	UR-BD-LB-FR	bshj	crkp	dcqg bgph dwfb	D U2 E' L U' L E L' D F' D2 U'		12			
	UR-BD-LB-LD	bshg	crkq				0			
	UR-BD-LB-RD	bsho	crks				0			
	UR-BD-LB-DL	bshx	crkt				0			
	UR-BD-LB-DR	bshv	crkv				0			
	UR-BD-BL-UL	bsrd	crla				0			
	UR-BD-BL-UB	bsra	crlb				0			
	UR-BD-BL-DF	bsru	crld				0			P
	UR-BD-BL-LU	bsre	crlc	xehu ghtg gdx	F2 D' L' S2 L S' L' S' L D F2		11			
	UR-BD-BL-RU	bsrm	crlg				0			
	UR-BD-BL-FU	bsri	crlh				0			
	UR-BD-BL-FL	bsrl	crlj				0			P
	UR-BD-BL-LF	bsrf	crlj				0			O
	UR-BD-BL-BR	bsrt	crlm				0			
	UR-BD-BL-RF	bsrp	crlq				0			P
	UR-BD-BL-FR	bsrj	crlp				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-BD-BL-LD	bsrg		crlq				0			
UR-BD-BL-DL	bsrx		crlt				0			C
UR-BD-BL-DR	bsrv		crlv				0			
UR-BD-BR-UL	bstd		crma				0			A
UR-BD-BR-UB	bsta		crmb				0			
UR-BD-BR-DF	bstu		crmd				0			
UR-BD-BR-BU	bstq		crmf				0			
UR-BD-BR-FL	bstl		crmi				0			
UR-BD-BR-LF	bstf		crmj				0			
UR-BD-BR-LD	bstg		crmq				0			A
UR-BD-BR-RD	bsto		crms				0			O
UR-BD-BR-DL	bstx		crmt				0			
UR-BD-BR-DR	bstv		crmv				0			O
UR-BD-RB-UL	bsnd		crna				0			O
UR-BD-RB-DF	bsnu		crnd				0			
UR-BD-RB-LU	bsne		crne				0			
UR-BD-RB-BU	bsnq		crnf				0			
UR-BD-RB-FL	bsnl		crni				0			O
UR-BD-RB-LF	bsnf		crnj				0			
UR-BD-RB-LB	bsnh		crnk				0			O
UR-BD-RB-BL	bsnr		crnl				0			O
UR-BD-RB-LD	bsng		crnq				0			A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-BD-RB-RD	bsno	crns					0		
	UR-BD-RB-DL	bsnx	crnt					0		O
	UR-BD-RF-UL	bspd	croa					0		C
	UR-BD-RF-UB	bspa	crob					0		O
	UR-BD-RF-DF	bspu	crod					0		
	UR-BD-RF-BU	bspq	crof					0		
	UR-BD-RF-RU	bspm	crog					0		
	UR-BD-RF-FL	bspl	croi					0		
	UR-BD-RF-LB	bsph	crok					0		O
	UR-BD-RF-BL	bspr	crol					0		
	UR-BD-RF-BR	bspt	crom					0		O
	UR-BD-RF-RB	bspn	cron					0		A
	UR-BD-RF-FR	bspj	crop					0		O
	UR-BD-RF-LD	bspg	croq					0		O
	UR-BD-RF-RD	bspo	cros					0		O
	UR-BD-RF-DL	bspx	crot					0		O
	UR-BD-RF-DB	bspw	crou					0		O
	UR-BD-RF-DR	bspv	crov					0		O
	UR-BD-FR-UL	bsjd	crpa					0		C
	UR-BD-FR-UB	bsja	crpb					0		
	UR-BD-FR-LU	bsje	crpe					0		F
	UR-BD-FR-BU	bsjq	crpf	bsjb makn at	U' S R U' M U R' M' U S'			10		P

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-BD-FR-RU	bsjm	crpg				0			
	UR-BD-FR-FL	bsjl	crpi				0			
	UR-BD-FR-LF	bsjf	crpj	ewkv qwpj vd	D' F' R' F E' F' E R F D		10			
	UR-BD-FR-LB	bsjh	crpk				0			
	UR-BD-FR-BL	bsjr	crpl				0			
	UR-BD-FR-BR	bsjt	crpm				0		0	
	UR-BD-FR-RB	bsjn	crpn				0			
	UR-BD-FR-LD	bsjg	crpq				0		A	
	UR-BD-FR-RD	bsjo	crps				0		O	
	UR-BD-FR-DL	bsjx	crpt				0			
	UR-BD-FR-DR	bsjv	crpv				0			
	UR-BD-LD-LU	bsge	crqe				0			
	UR-BD-LD-BU	bsgq	crqf				0			
	UR-BD-LD-FU	bsgi	crqh				0			
	UR-BD-LD-LB	bsgh	crqk				0			
	UR-BD-LD-RB	bsgn	crqn				0			
	UR-BD-LD-FR	bsgj	crqp				0			
	UR-BD-LD-RD	bsgo	crqs				0			
	UR-BD-LD-DR	bsgv	crqv				0			
	UR-BD-RD-UL	bsod	crsa				0		O	
	UR-BD-RD-UB	bsoa	crsb				0		A	
	UR-BD-RD-LU	bsoe	crse				0		L	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-BD-RD-BU	bsoq		crsf				0			
UR-BD-RD-RU	bsom		crsg				0			
UR-BD-RD-FU	bsoi		crsh				0		A	
UR-BD-RD-FL	bsol		crsi				0		P	
UR-BD-RD-LF	bsof		crsj				0			
UR-BD-RD-BL	bsor		crsl				0			
UR-BD-RD-BR	bsot		crsm				0		A	
UR-BD-RD-RB	bson		crsn				0			
UR-BD-RD-RF	bsop		crso				0			
UR-BD-RD-FR	bsoj		crsp				0		O	
UR-BD-DL-UL	bsxd		crtा				0		P	
UR-BD-DL-UB	bsxa		crtb				0		O	
UR-BD-DL-LU	bsxe		c rte				0		L	
UR-BD-DL-BU	bsxq		crtf				0		O	
UR-BD-DL-RU	bsxm		crtg				0			
UR-BD-DL-FL	bsxl		crti				0			
UR-BD-DL-LB	bsxh		crtk				0		A	
UR-BD-DL-BL	bsxr		crtl				0		A	
UR-BD-DL-BR	bsxt		crtm				0		A	
UR-BD-DL-RB	bsxn		crtn				0		O	
UR-BD-DL-RF	bsxp		crtօ				0			
UR-BD-DL-FR	bsxj		crtp				0		O	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-BD-DL-RD	bsxo		crt ^s				0			F
UR-BD-DB-LF	bswf		cru ^j				0			O
UR-BD-DB-LB	bswh		cru ^k				0			O
UR-BD-DB-BR	bswt		crum				0			A
UR-BD-DB-RD	bswo		crus				0			O
UR-BD-DB-DL	bswx		crut				0			O
UR-BD-DB-FD	bswk		crux				0			A
UR-BD-DR-UL	bsvd		crva				0			
UR-BD-DR-UB	bsva		crvb				0			
UR-BD-DR-DF	bsvu		crvd				0			
UR-BD-DR-LU	bsve		crve				0			
UR-BD-DR-BU	bsvq		crvf				0			
UR-BD-DR-FU	bsvi		crvh				0			
UR-BD-DR-FL	bsvl		crvi				0			
UR-BD-DR-LF	bsvf		crvj				0			
UR-BD-DR-LB	bsvh		crvk				0			
UR-BD-DR-BL	bsvr		crvl				0			A
UR-BD-DR-BR	bsvt		crvm				0			
UR-BD-DR-RB	bsvn		crvn				0			
UR-BD-DR-RF	bsvp		crvo				0			
UR-BD-DR-FR	bsvj		crvp				0			
UR-BD-DR-LD	bsvg		crvq				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		F
	UR-BD-DR-DL	bsvx	crvt				0			
	UR-RD-UL-UB	boda	csab				0			
	UR-RD-UL-BU	bodq	csaf				0			
	UR-RD-UL-FU	bodi	csah				0			
	UR-RD-UL-FL	bodl	csai				0			
	UR-RD-UL-LF	bodf	csaj				0			
	UR-RD-UL-LB	bodh	csak				0			
	UR-RD-UL-BL	bodr	csal				0			
	UR-RD-UL-RF	bodp	csao				0			
	UR-RD-UL-LD	bodg	csaq				0			
	UR-RD-UL-BD	bods	csar				0			
	UR-RD-UL-DL	bodx	csat				0		0	
	UR-RD-UL-DB	bodw	csau				0			
	UR-RD-UL-DR	bodv	csav				0			
	UR-RD-UB-UL	boad	csba	blta ublat	U' R2 S' U S2 U' R2 U S'		9		L	
	UR-RD-UB-DF	boau	csbd				0			
	UR-RD-UB-LU	boae	csbe				0			
	UR-RD-UB-FU	boai	csbh				0			
	UR-RD-UB-FL	boal	csbi				0			
	UR-RD-UB-LF	boaf	csbj				0		A	
	UR-RD-UB-LB	boah	csbk				0			
	UR-RD-UB-BL	boar	csbl	qjbl sktk akp	E' R U' R2 S' R' S' R' U R' E		11			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-RD-UB-BR	boat	csbm					0		
	UR-RD-UB-RB	boan	csbn					0		
	UR-RD-UB-RF	boap	csbo					0		
	UR-RD-UB-FR	boaj	csbp					0	L	
	UR-RD-UB-LD	boag	csbq					0		
	UR-RD-UB-BD	boas	csbr					0		
	UR-RD-UB-DL	boax	csbt					0	O	
	UR-RD-UB-DB	boaw	csbu					0		
	UR-RD-DF-UL	boud	csda					0		
	UR-RD-DF-LU	boue	csde					0		
	UR-RD-DF-BU	bouq	csdf	natb sman bm	M' U S' U' S M U M' U' M			10		
	UR-RD-DF-FL	boul	csdi					0		
	UR-RD-DF-LF	bouf	csdj					0		
	UR-RD-DF-LB	bouh	csdk					0		
	UR-RD-DF-BL	bour	csdl					0		
	UR-RD-DF-BR	bout	csdm					0	O	
	UR-RD-DF-RF	boup	csdo					0		
	UR-RD-DF-LD	boug	csdq					0		
	UR-RD-DF-BD	bous	csdr					0		
	UR-RD-DF-DL	boux	csdt					0		
	UR-RD-DF-DR	bouv	csdv					0		
	UR-RD-LU-UB	boea	cseb					0		0

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-RD-LU-DF	boeu	csed				0			
	UR-RD-LU-BU	boeq	csef				0			
	UR-RD-LU-FU	boei	cseh				0			
	UR-RD-LU-FL	boel	csei				0			
	UR-RD-LU-LF	boef	csej				0			
	UR-RD-LU-LB	boeh	csek				0			
	UR-RD-LU-BL	boer	csel				0			
	UR-RD-LU-BR	boet	csem				0			
	UR-RD-LU-RB	boen	csen				0			
	UR-RD-LU-RF	boep	cseo				0			
	UR-RD-LU-FR	boej	csep				0			
	UR-RD-LU-LD	boeg	cseq	uatb lbt al	S2 U S' U' R2 U' S' U R2		9			
	UR-RD-LU-BD	boes	cser				0		P	
	UR-RD-LU-DL	boex	cset				0		O	
	UR-RD-LU-DB	boew	cseu				0			
	UR-RD-BU-UL	boqd	csfa				0			
	UR-RD-BU-DF	boqu	csfd				0		O	
	UR-RD-BU-LU	boqe	csfe				0			
	UR-RD-BU-FU	boqi	csfh				0			
	UR-RD-BU-FL	boql	csfi				0			
	UR-RD-BU-LF	boqf	csfj				0			
	UR-RD-BU-BR	boqt	csfm				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-RD-BU-RB	boqn		csfn					0		
UR-RD-BU-RF	boqp		csfo					0		
UR-RD-BU-FR	boqj		csfp					0		
UR-RD-BU-LD	boqq		csfq					0		
UR-RD-BU-BD	boqs		csfr					0		
UR-RD-BU-DL	boqx		csft					0		
UR-RD-BU-DB	boqw		csfu					0		A
UR-RD-RU-UL	bomd		csga					0		
UR-RD-RU-UB	boma		csgb					0		
UR-RD-RU-LU	bome		csgc					0		
UR-RD-RU-BU	bomq		csgf					0		A
UR-RD-RU-FL	boml		csgi					0		A
UR-RD-RU-LF	bomf		csgj					0		
UR-RD-RU-LB	bomh		csgk					0		
UR-RD-RU-BL	bomr		csgl					0		P
UR-RD-RU-BR	bomt		csgm					0		
UR-RD-RU-RB	bomn		csgn					0		
UR-RD-RU-FR	bomj		csgp					0		
UR-RD-RU-LD	bomg		csgq					0		P
UR-RD-RU-BD	boms		csgr					0		
UR-RD-RU-DL	bomx		csgt					0		
UR-RD-RU-DB	bomw		csgu					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
			csha				0			
UR-RD-FU-UL	boid	csha					0			
UR-RD-FU-UB	boia	cshb					0			
UR-RD-FU-LU	boie	cshe					0			
UR-RD-FU-BU	boiq	cshf					0			
UR-RD-FU-FL	boil	cshi					0		A	
UR-RD-FU-LF	boif	cshj					0			
UR-RD-FU-LB	boih	cshk					0			
UR-RD-FU-BL	boir	cshl					0		A	
UR-RD-FU-BR	boit	cshm					0			
UR-RD-FU-RB	boin	cshn					0			
UR-RD-FU-RF	boip	csho					0			
UR-RD-FU-FR	boij	cshp					0		F	
UR-RD-FU-LD	boig	cshq					0			
UR-RD-FU-BD	bois	cshr					0			
UR-RD-FU-DL	boix	csht					0			
UR-RD-FU-DB	boiw	cshu					0			
UR-RD-FL-UL	bold	csia					0		C	
UR-RD-FL-UB	bola	csib					0			
UR-RD-FL-DF	bolu	csid					0		O	
UR-RD-FL-LU	bole	csie					0			
UR-RD-FL-BU	bolq	csif					0		O	
UR-RD-FL-FU	boli	csih					0		P	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-RD-FL-LB	bolh	csik				0			
	UR-RD-FL-BL	bolr	csil				0			
	UR-RD-FL-BR	bolt	csim				0			
	UR-RD-FL-RB	boln	csin	jbjp kqak	R U' R E R' u R'		8			P
	UR-RD-FL-RF	bolp	csio				0			O
	UR-RD-FL-FR	bolj	csip				0			
	UR-RD-FL-LD	bolg	csiq				0			
	UR-RD-FL-BD	bols	csir				0			C
	UR-RD-FL-DL	bolx	csit				0			
	UR-RD-FL-DB	bolw	csiu				0			
	UR-RD-FL-FD	bolk	csix	jqvp wk	R E' F E F' R'		6			
	UR-RD-LF-UL	bofd	csja				0			
	UR-RD-LF-UB	bofa	csjb				0			
	UR-RD-LF-DF	bofu	csjd				0			
	UR-RD-LF-LU	bofe	csje				0			
	UR-RD-LF-BU	bofq	csjf				0			
	UR-RD-LF-BL	bofr	csjl				0			
	UR-RD-LF-BR	boft	csjm				0			
	UR-RD-LF-RB	bofn	csjn				0			
	UR-RD-LF-FR	bofj	csjp				0			
	UR-RD-LF-LD	bofg	csjq	gbti thsh ahs	L U' S' L2 S' L' S L' U L' S		11			
	UR-RD-LF-BD	bofs	csjr	whue tdt gv	F' L' S2 D' S' D S' L F		9			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-RD-LF-DL	bofx		csjt				0			
UR-RD-LB-UL	bohd		cska				0			P
UR-RD-LB-UB	boha		cskb				0			
UR-RD-LB-DF	bohu		cskd				0			
UR-RD-LB-LU	bohe		cske				0			P
UR-RD-LB-BU	bohq		cskf				0			
UR-RD-LB-FL	bohl		cski				0			P
UR-RD-LB-LF	bohf		cskj				0			
UR-RD-LB-RB	bohn		cskn				0			
UR-RD-LB-LD	bohg		cskq				0			A
UR-RD-LB-BD	bohs		cskr				0			A
UR-RD-LB-DL	bohx		cskt				0			C
UR-RD-LB-DB	bohw		csku				0			
UR-RD-BL-UL	bord		csla				0			A
UR-RD-BL-UB	bora		cslb				0			
UR-RD-BL-LU	bore		csle				0			A
UR-RD-BL-RU	borm		cslg				0			A
UR-RD-BL-FU	bori		cslh				0			O
UR-RD-BL-FL	borl		csli				0			A
UR-RD-BL-LF	borf		cslj				0			
UR-RD-BL-BR	bort		cslm				0			
UR-RD-BL-RB	born		csln				0			A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-RD-BL-RF	borp	cslo				0			
	UR-RD-BL-FR	borj	cslp				0			
	UR-RD-BL-LD	borg	csliq				0			A
	UR-RD-BL-BD	bors	cslr	kebk qjda pj	R' D' U' R' E' R D U E R		10			
	UR-RD-BL-DL	borx	cslt				0			
	UR-RD-BL-DB	borw	cslu				0			
	UR-RD-BR-UL	botd	csma				0			L
	UR-RD-BR-UB	bota	csmb				0			F
	UR-RD-BR-DF	botu	csmd				0			
	UR-RD-BR-LU	bote	csme				0			A
	UR-RD-BR-BU	botq	csmf				0			O
	UR-RD-BR-RU	botm	csmg				0			O
	UR-RD-BR-FL	botl	csmi				0			P
	UR-RD-BR-LF	botf	csmj				0			F
	UR-RD-BR-BL	botr	csml	bpjx pxka jqkq	u' R F2 E F2 R' U R E' R' E'		12			
	UR-RD-BR-RF	botp	csmo				0			C
	UR-RD-BR-FR	botj	csmpl				0			
	UR-RD-BR-LD	botg	csmq				0			
	UR-RD-BR-DL	botx	csmt				0			O
	UR-RD-BR-DB	botw	csmu				0			
	UR-RD-RB-UL	bond	csna	vjck sjtc kw	F R U2 R' S R S' U2 R' F'		10			
	UR-RD-RB-UB	bona	csnb				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-RD-RB-DF	bonu	csnd				0			
	UR-RD-RB-LU	bone	csne				0			
	UR-RD-RB-FU	boni	csnh				0			
	UR-RD-RB-FL	bonl	csni				0			
	UR-RD-RB-FR	bonj	csnp				0			
	UR-RD-RB-LD	bong	csnq	sajt asat ckb	S U R S' U S U S' U2 R' U'		11			
	UR-RD-RB-BD	bons	csnr				0			
	UR-RD-RB-DL	bonx	csnt				0			
	UR-RD-RB-DB	bonw	csnu				0			
	UR-RD-RF-UL	bopd	csoa	jqvj skwt kp	R E' F R S R' f R' E		10			
	UR-RD-RF-UB	bopa	csob	ltks btaj asbl	R2 S' R' S U' S' U R U S U' R2		12			
	UR-RD-RF-DF	bopu	csod				0			
	UR-RD-RF-LU	bope	csoe	ltkv ktks lswk	R2 S' R' F R' S' R' S R2 S F' R'		12			
	UR-RD-RF-BU	bopq	csof	whbt asgv	F' L' U' S' U S L F		8		P	
	UR-RD-RF-FL	bopl	csoi	msqa vpwb ktnj	M S u F E F' U' R' S' r		12			
	UR-RD-RF-LF	bopf	csoj	jqlq qkpk wkp	R E' F R2 E' R' E R' F' R' E		11			
	UR-RD-RF-LB	boph	csok	qwka qwvb pjvp	E' F' R' U F' E' F u' R F E		12		F	
	UR-RD-RF-BL	bopr	csol	qjbj pkqa kp	E' R U' R E R' u R' E		10		O	
	UR-RD-RF-BR	bopt	csom	sbkt jsat	S U' R' S' R S U S'		8			
	UR-RD-RF-RB	bopn	cson	jejw jpkq vkdk	R D' R F' R E R' E' F R' D R'		12		A	
	UR-RD-RF-LD	bopg	csoq	atjt kubk tjs	U S' R S' R' S2 U' R' S' R S		11			
	UR-RD-RF-BD	bops	csor	sbsv etdw at	S U' f D' S' D F' U S'		10			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-RD-RF-DL	bopx	csot	jqvk tjwl sjp	R E' F R' S' R F' R2 S R E		11			
	UR-RD-RF-DB	bopw	csou	jvdk tksl ewk	R F D R' S' R' S R2 D' F' R'		11			
	UR-RD-RF-FD	bopk	csox	lwjp kqvl	R2 F' R E R' E' F R2		8			
	UR-RD-FR-UL	bojd	cspa	vjeu jtkt dkw	F R D' S2 R S' R' S' D R' F'		11			
	UR-RD-FR-UB	boja	cspb	fkb t akas blf	D2 R' U' S' U R' U S U' R2 D2		11			
	UR-RD-FR-DF	boju	cspd				0			
	UR-RD-FR-LU	boje	cspe	jubt ksja uk	R S2 U' S' R' S R U S2 R'		10			
	UR-RD-FR-BU	bojq	cspf	xjqc wpvc kx	F2 R E' U2 F' E F U2 R' F2		10			
	UR-RD-FR-FL	bojl	cspi	kdwq vpwn vmej	R' D F' E' F E F' M' F M D' R		12			
	UR-RD-FR-LF	bojf	cspj	wkvq wpjv	F' R' F E' F' E R F		8		P	
	UR-RD-FR-LB	bojh	cspk	iwkv qwpj vi	L2 F' R' F E' F' E R F L2		10			
	UR-RD-FR-BL	bojr	cspl	wkvq wrjv kqj	F' R' F E' F' E2 R F R' E' R		11			
	UR-RD-FR-LD	bojg	cspq	katk tju bj	R' U S' R' S' R S2 U' R		9		A	
	UR-RD-FR-BD	bojs	cspr	adhq gadh pgcf	U D L' E' L U D L' E L U2 D2		12		P	
	UR-RD-FR-DL	bojx	cspt	wkqa gqhr bjv	F' R' u L E' L' E2 U' R F		11		O	
	UR-RD-FR-DB	bojw	cspu	wkfv qwpf jv	F' R' D2 F E' F' E D2 R F		10		A	
	UR-RD-LD-UL	bogd	csqa	vujt tkt kw	F R S2 R S' R' S' R' F'		9			
	UR-RD-LD-UB	boga	csqb	mbuc sbsa nb	M U' S2 U2 S U' S U M' U'		10			
	UR-RD-LD-LU	boge	csqe	satd ocna nd	S U S' D M2 U2 M' U M' D'		10			
	UR-RD-LD-BU	bogq	csqf	atka ksjb jb	U S' R' U R' S R U' R U'		10			
	UR-RD-LD-FL	bogl	csqi	kvgx qrvv qhwj	R' F L F2 E' F E2 F E' L' F' R		12			
	UR-RD-LD-LF	bogf	csqj	btls jpja jqk	U' S' R2 S R E R U R E' R'		11			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-RD-LD-LB	bogh	csqk	btls kqka kpj	U' S' R2 S R' E' R' U R' E R		11			
	UR-RD-LD-BL	bogr	csql	hbgt htls lags	L' U' L S' L' S' R2 S R2 U L S		12		A	
	UR-RD-LD-BR	bogt	csqm	wkpf kqjf jv	F' R' E D2 R' E' R D2 R F		10			
	UR-RD-LD-RB	bogn	csqn	senk bnao jdt	S D' M' R' U' M' U M2 R D S'		11			
	UR-RD-LD-RF	bogp	csqo	segw nvmh dt	S D' L F' M' F M L' D S'		10			
	UR-RD-LD-FR	bogj	csqp	dmel tkse ndk	D M D' R2 S' R' S D' M' D R'		11			
	UR-RD-LD-BD	bogs	csqr	sasx etdx at	S U' S F2 D' S' D F2 U S'		10			
	UR-RD-LD-DB	bogw	csqu	mbul slas anb	M U' S2 R2 S R2 U S U M' U'		11			
	UR-RD-BD-UL	bosd	csra	mlta sbla nb	M R2 S' U S U' R2 U M' U'		10			
	UR-RD-BD-UB	bosa	csrb	whsg pwmv qv	F' L' S L E F' M F E' F		10			
	UR-RD-BD-DF	bosu	csrd				0			
	UR-RD-BD-LU	bose	csre	sbns etdm at	S U' M' S D' S' D M U S'		10			
	UR-RD-BD-BU	bosq	csrf	albm altb sanb	U R2 U' M U R2 S' U' S U M' U'		12			
	UR-RD-BD-RU	bosm	csrg				0			
	UR-RD-BD-FU	bosi	csrh				0			
	UR-RD-BD-FL	bosl	csri	ojqv pwlv nwnj	M2 R E' F E F' R2 F M' F' r		12			
	UR-RD-BD-LF	bosf	csrj	njvm wlvq wpj	r F M F' R2 F E' F' E R		11			
	UR-RD-BD-LB	bosh	csrk	hdme iuet dtnh	L' D M D' L2 S2 D' S' D S' I'		12			
	UR-RD-BD-BL	bosr	csrl	watb pgqn hsdp	F' U S' u' L E' I' f E'		12			
	UR-RD-BD-BR	bost	csrm	whsn whpg vmgv	F' L' S M' F' L' E L F I F		12			
	UR-RD-BD-RB	bosn	csrn	jbja vdve wewk	R U' R U F D F D' F' D' F' R'		12			
	UR-RD-BD-RF	bosp	csro	wkfw qvpf jv	F' R' D2 F' E' F E D2 R F		10			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-RD-BD-FR	bosj	csrp	jbne tksj dmak	R U' M' D' S' R' S R D M U R'		12		L	
	UR-RD-BD-LD	bosg	csrq	dmel dset nl	D M D' R2 D S D' S' M' R2		10			
	UR-RD-BD-DL	bosx	csrt	snan blas bol	S M' U M' U' R2 U S U' r2		11			
	UR-RD-BD-FD	bosk	csrx				0			
	UR-RD-DL-UL	boxd	csta	csas atb ta	U2 S U S U S' U' S' U		9		A	
	UR-RD-DL-UB	boxa	cstb				0			
	UR-RD-DL-DF	boxu	cstd				0		0	
	UR-RD-DL-LU	boxe	cste	ubtc lbta lb	S2 U' S' U2 R2 U' S' U R2 U'		10		C	
	UR-RD-DL-BU	boxq	cstf	fiat bifs	D2 L2 U S' U' L2 D2 S		8			
	UR-RD-DL-FL	boxl	csti	pkbt jska jq	E R' U' S' R S R' U R E'		10		0	
	UR-RD-DL-LF	boxf	cstj	gbfh tgaf hs	L U' D2 L' S' L U D2 L' S		10		0	
	UR-RD-DL-LB	boxh	cstk	muvg thwtn	M S2 F L S' L' f M'		9			
	UR-RD-DL-BL	boxr	cstl	qjbt ksja kp	E' R U' S' R' S R U R' E		10		C	
	UR-RD-DL-BR	boxt	cstm	qkbt jska jp	E' R' U' S' R S R' U R E		10		A	
	UR-RD-DL-RB	boxn	cstn	jbtk sjak	R U' S' R' S R U R'		8			
	UR-RD-DL-RF	boxp	csto	kbtj skaj	R' U' S' R S R' U R		8			
	UR-RD-DL-FR	boxj	cstp	pjbt ksja kq	E R U' S' R' S R U R' E'		10			
	UR-RD-DL-BD	boxs	cstr	scna met ad	S U2 M' U M D' S' U D		9		0	
	UR-RD-DL-DB	boxw	cstu	mbsd tnes at	M U' S D S' M' D' S U S'		10		F	
	UR-RD-DL-FD	boxk	cctx	msdt en	M S D S' D' M'		6			
	UR-RD-DB-UL	bowd	csua				0			
	UR-RD-DB-UB	bowa	csub				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-RD-DB-DF	bowu	csud				0			
	UR-RD-DB-LU	bowe	csue				0			
	UR-RD-DB-BU	bowq	csuf				0			
	UR-RD-DB-FU	bowi	csuh				0			
	UR-RD-DB-FL	bowl	csui				0			
	UR-RD-DB-LF	bowf	csuj				0			
	UR-RD-DB-LB	bowh	csuk				0			
	UR-RD-DB-BL	bowr	csul	pmgd nesd tehq	E I D M' D' S D S' D' L' E'		12			
	UR-RD-DB-RB	bown	csun	semf jend ket	S D' M D2 R D' M' D R' D' S'		11			
	UR-RD-DB-FR	bowj	csup				0			
	UR-RD-DB-LD	bowg	csuq				0			
	UR-RD-DB-DL	bowx	csut				0			
	UR-RD-DR-BD	bovs	csvr				0		L	
	UR-DL-UL-UB	bxda	ctab				0			
	UR-DL-UL-DF	bxdu	ctad				0			
	UR-DL-UL-BU	bxdq	ctaf				0			
	UR-DL-UL-RU	bxdm	ctag				0		C	
	UR-DL-UL-FU	bxdi	ctah				0			
	UR-DL-UL-FL	bxdl	ctai				0			
	UR-DL-UL-LF	bxdf	ctaj				0			
	UR-DL-UL-LB	bxdh	ctak				0			
	UR-DL-UL-BL	bxdr	ctal				0		O	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-DL-UL-BR	bxdt	ctam				0			
	UR-DL-UL-RB	bxdn	ctan				0			
	UR-DL-UL-RF	bxdp	ctao				0			
	UR-DL-UL-FR	bxdj	ctap				0		A	
	UR-DL-UL-BD	bxds	ctar				0			
	UR-DL-UL-RD	bxdo	ctas				0			
	UR-DL-UL-DB	bxdw	ctau				0			
	UR-DL-UL-DR	bxdv	ctav				0			
	UR-DL-UB-UL	bxad	ctba	doao bmf nd	D M2 U M2 U' M D2 M' D		9			
	UR-DL-UB-DF	bxau	ctbd				0			
	UR-DL-UB-FU	bxai	ctbh				0			
	UR-DL-UB-FL	bxal	ctbi				0			
	UR-DL-UB-LB	bxah	ctbk				0		P	
	UR-DL-UB-BL	bxar	ctbl				0		O	
	UR-DL-UB-BR	bxat	ctbm				0		O	
	UR-DL-UB-RB	bxan	ctbn				0			
	UR-DL-UB-FR	bxaj	ctbp				0			
	UR-DL-UB-BD	bxas	ctbr				0			
	UR-DL-UB-RD	bxao	ctbs				0		A	
	UR-DL-UB-DB	bxaw	ctbu				0			
	UR-DL-UB-FD	bxak	ctbx	mate mdns bn	M U S' D' M D M' S U' M'		10		O	
	UR-DL-UB-FD	bxak	ctbx	mate mdns bn	M U S' D' M D M' S U' M'		10			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-DL-DF-UL	bxud	ctda					0		
	UR-DL-DF-LU	bxue	ctde					0		
	UR-DL-DF-FL	bxul	ctdi					0		
	UR-DL-DF-LF	bxuf	ctdj					0		
	UR-DL-DF-LB	bxuh	ctdk					0		O
	UR-DL-DF-BL	bxur	ctdl					0		C
	UR-DL-DF-BR	bxut	ctdm					0		A
	UR-DL-DF-RB	bxun	ctdn					0		
	UR-DL-DF-RF	bxup	ctdo					0		
	UR-DL-DF-FR	bxuj	ctdp					0		
	UR-DL-DF-BD	bxus	ctdr					0		
	UR-DL-DF-RD	bxuo	ctds					0		
	UR-DL-DF-DR	bxuv	ctdv					0		A
	UR-DL-LU-DF	bxeu	cted					0		
	UR-DL-LU-BU	bxeq	ctef					0		O
	UR-DL-LU-FU	bxei	cteh					0		
	UR-DL-LU-LF	bxef	ctej					0		
	UR-DL-LU-RF	bxep	cteo					0		
	UR-DL-LU-FR	bxej	ctep					0		
	UR-DL-LU-BD	bxes	cter	sala mbic nat	S U R2 U M U' R2 U2 M' U S'		11			P
	UR-DL-LU-RD	bxeo	ctes					0		
	UR-DL-LU-DB	bxew	cteu					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-DL-LU-DR	bxev	ctev				0			
	UR-DL-BU-UL	bxqd	ctfa				0			A
	UR-DL-BU-DF	bxqu	ctfd				0			F
	UR-DL-BU-LU	bxqe	ctfe				0			A
	UR-DL-BU-FU	bxqi	ctfh				0			A
	UR-DL-BU-FL	bxql	ctfi				0			
	UR-DL-BU-LF	bxqf	ctfj				0			
	UR-DL-BU-LB	bxqh	ctfk				0			A
	UR-DL-BU-BR	bxqt	ctfm				0			
	UR-DL-BU-RB	bxqn	ctfn				0			
	UR-DL-BU-RF	bxqp	ctfo				0			
	UR-DL-BU-BD	bxqs	ctfr				0			
	UR-DL-BU-RD	bxqo	ctfs				0			
	UR-DL-BU-DB	bxqw	ctfu	maib sbtc inb	M U L2 U' S U' S' U2 L2 M' U'		11			A
	UR-DL-BU-DR	bxqv	ctfv				0			
	UR-DL-RU-UB	bxma	ctgb				0			
	UR-DL-RU-RD	bxmo	ctgs				0			
	UR-DL-FU-FL	bxil	cthi				0			
	UR-DL-FU-LF	bxif	cthj				0			
	UR-DL-FU-LB	bxih	cthk				0			
	UR-DL-FU-BR	bxit	cthm				0			
	UR-DL-FU-RB	bxin	cthn				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-DL-FU-LD	bxig	cthq				0			
	UR-DL-FU-BD	bxis	cthr				0			A
	UR-DL-FU-RD	bxio	cths				0			
	UR-DL-FU-DB	bxiw	cthu				0			
	UR-DL-FU-DR	bxiv	cthv				0			
	UR-DL-FL-UL	bxld	ctia				0			
	UR-DL-FL-UB	bxla	ctib				0			
	UR-DL-FL-DF	bxlu	ctid				0			
	UR-DL-FL-LU	bxle	ctie				0			
	UR-DL-FL-BU	bxlq	ctif				0			
	UR-DL-FL-LB	bxlh	ctik				0			
	UR-DL-FL-BL	bxlr	ctil				0			
	UR-DL-FL-BR	bxlt	ctim				0			
	UR-DL-FL-RB	bxln	ctin	dgwt kspj qvhe	D L f' R' S E R E' F L' D'		12			A
	UR-DL-FL-RF	bxlp	ctio				0			
	UR-DL-FL-FR	bxlj	ctip				0			A
	UR-DL-FL-BD	bxls	ctir				0			
	UR-DL-FL-RD	bxlo	ctis				0			
	UR-DL-FL-DB	bxlw	ctiu				0			
	UR-DL-FL-DR	bxlv	ctiv				0			
	UR-DL-LF-UL	bxfd	ctja				0			
	UR-DL-LF-UB	bxfa	ctjb				0			A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-DL-LF-DF	bxfu		ctjd					0		
UR-DL-LF-LU	bxfe		ctje					0		
UR-DL-LF-BU	bxfq		ctjf					0		
UR-DL-LF-LB	bxfh		ctjk					0		
UR-DL-LF-BL	bxfr		ctjl					0		
UR-DL-LF-BR	bxft		ctjm					0		A
UR-DL-LF-RB	bxfn		ctjn					0		P
UR-DL-LF-RF	bxfp		ctjo					0		
UR-DL-LF-FR	bxfj		ctjp					0		
UR-DL-LF-BD	bxfs		ctjr					0		
UR-DL-LF-DB	bxfw		ctju					0		
UR-DL-LB-UL	bxhd		ctka					0		
UR-DL-LB-UB	bxha		ctkb					0		
UR-DL-LB-DF	bxhu		ctkd					0		
UR-DL-LB-BU	bxhq		ctkf					0		
UR-DL-LB-RU	bxhm		ctkg					0		
UR-DL-LB-LF	bxhf		ctkj					0		
UR-DL-LB-RF	bxhp		ctko					0		
UR-DL-LB-DB	bxhw		ctku					0		
UR-DL-BL-UL	bxrd		ctla					0		
UR-DL-BL-UB	bxra		ctlb					0		
UR-DL-BL-DF	bxru		ctld					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-DL-BL-LU	bxre	ctle					0		
	UR-DL-BL-BU	bxrq	ctlf					0		
	UR-DL-BL-LF	bxrf	ctlj					0		
	UR-DL-BL-BR	bxrt	ctlm					0		
	UR-DL-BL-RB	bxrn	ctln					0		
	UR-DL-BL-RF	bxrp	ctlo					0		
	UR-DL-BL-FR	bxrj	ctlp					0		
	UR-DL-BL-BD	bxrs	ctlr					0		
	UR-DL-BL-DB	bxrw	ctlu					0		
	UR-DL-BL-DR	bxrv	ctlv					0		
	UR-DL-BR-UL	bxtd	ctma					0		
	UR-DL-BR-UB	bxta	ctmb					0		
	UR-DL-BR-DF	bxtu	ctmd					0		
	UR-DL-BR-BU	bxtq	ctmf					0		
	UR-DL-BR-FU	bxti	ctmh					0		
	UR-DL-BR-FL	bxtl	ctmi					0		
	UR-DL-BR-LF	bxtf	ctmj					0		
	UR-DL-BR-LB	bxth	ctmk					0		0
	UR-DL-BR-BL	bxtr	ctml	dwkr kqjq jve	D F' R' E2 R' E' R E' R F D'		11			
	UR-DL-BR-RF	bxtp	ctmo					0		0
	UR-DL-BR-FR	bxtj	ctmp					0		
	UR-DL-BR-BD	bxts	ctmr					0		A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-DL-BR-RD	bxto	ctms					0			
UR-DL-BR-DR	bxtv	ctmv					0			A
UR-DL-RB-UL	bxnd	ctna					0			
UR-DL-RB-UB	bxna	ctnb					0			
UR-DL-RB-DF	bxnu	ctnd					0			O
UR-DL-RB-LU	bxne	ctne					0			
UR-DL-RB-BU	bxnq	ctnf					0			
UR-DL-RB-FU	bxni	ctnh					0			
UR-DL-RB-LF	bxnf	ctnj					0			
UR-DL-RB-LB	bxnh	ctnk					0			
UR-DL-RB-BL	bxnr	ctnl					0			
UR-DL-RB-FR	bxnj	ctnp					0			
UR-DL-RB-BD	bxns	ctnr					0			
UR-DL-RF-DF	bxpu	ctod					0			
UR-DL-RF-BU	bxpq	ctof					0			
UR-DL-RF-FL	bxpl	ctoi					0			
UR-DL-RF-BR	bxpt	ctom					0			
UR-DL-RF-RB	bxpn	cton					0			
UR-DL-RF-BD	bxps	ctor					0			
UR-DL-RF-RD	bxpo	ctos					0			
UR-DL-FR-UB	bxja	ctpb					0			
UR-DL-FR-LB	bxjh	ctpk					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-DL-FR-BL	bxjr	ctpl					0		
	UR-DL-FR-BR	bxjt	ctpm	ajub scsb kb	U R S2 U' S U2 S U' R' U'			10		
	UR-DL-FR-RB	bxjn	ctpn					0		
	UR-DL-LD-DF	bxgu	ctqd					0		
	UR-DL-LD-FL	bxgl	ctqi					0		
	UR-DL-BD-UB	bxsa	ctrb					0		
	UR-DL-BD-DF	bxsu	ctrd					0		
	UR-DL-BD-LU	bxse	ctre					0		
	UR-DL-BD-BU	bxsq	ctrf					0		
	UR-DL-BD-FL	bxsl	ctri					0		
	UR-DL-BD-LF	bxsf	ctrj					0		
	UR-DL-BD-LB	bxsh	ctrk					0		0
	UR-DL-BD-BL	bxsr	ctrl					0		A
	UR-DL-BD-BR	bxst	ctrm					0		
	UR-DL-BD-RB	bxsn	ctrn	maod sewk tjk mb	M U M2 D S D' F' R' S' R F M U'			13		A
	UR-DL-BD-RF	bxsp	ctro					0		
	UR-DL-BD-FR	bxsj	ctrp					0		
	UR-DL-BD-RD	bxso	ctrs					0		0
	UR-DL-BD-DR	bxsv	ctrv					0		
	UR-DL-RD-UL	bxod	ctsa					0		
	UR-DL-RD-UB	bxoa	ctsbg					0		
	UR-DL-RD-LU	bxoe	ctse					0		A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-DL-RD-BU	bxoq	ctsf					0		
	UR-DL-RD-FU	bxoi	ctsh					0		
	UR-DL-RD-FL	bxol	ctsi					0		
	UR-DL-RD-LF	bxof	ctsj					0		
	UR-DL-RD-BL	bxor	ctsl					0		
	UR-DL-RD-BR	bxot	ctsm					0		
	UR-DL-RD-RB	bxon	ctsn					0		
	UR-DL-RD-RF	bxop	ctso					0		
	UR-DL-RD-BD	bxos	ctsr					0	0	
	UR-DL-RD-DB	bxow	ctsu					0		
	UR-DL-DB-UL	bxwd	ctua					0	0	
	UR-DL-DB-UB	bxwa	ctub					0		
	UR-DL-DB-DF	bxwu	ctud					0		
	UR-DL-DB-LU	bxwe	ctue					0		
	UR-DL-DB-FU	bxwi	ctuh					0		
	UR-DL-DB-FL	bxwl	ctui					0		
	UR-DL-DB-LF	bxwf	ctuj	bsvm antb wa	U' f M U M' S' U' F' U			10		
	UR-DL-DB-LB	bxwh	ctuk					0	0	
	UR-DL-DB-BL	bxwr	ctul					0	0	
	UR-DL-DB-BR	bxwt	ctum					0		
	UR-DL-DB-RB	bxwn	ctun					0	0	
	UR-DL-DB-RF	bxwp	ctuo					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-DL-DB-FR	bxwj	ctup				0			A
	UR-DL-DB-RD	bxwo	ctus				0			
	UR-DL-DB-DR	bxwv	ctuv	smdn te	S M D M' S' D'		6			
	UR-DL-DR-UL	bxvd	ctva				0			
	UR-DL-DR-UB	bxva	ctvb				0			
	UR-DL-DR-DF	bxvu	ctvd				0			
	UR-DL-DR-FL	bxvl	ctvi				0			
	UR-DL-DR-LB	bxvh	ctvk				0			A
	UR-DL-DR-BL	bxvr	ctvl				0			
	UR-DL-DR-RF	bxvp	ctvo				0			
	UR-DL-DR-BD	bxvs	ctvr				0			
	UR-DL-DR-DB	bxvw	ctvu	lidx lidx	R2 F2 D F2 R2 F2 D F2		8			
	UR-DB-UL-UB	bwdw	cuab				0			
	UR-DB-UL-DF	bwdw	cuad	mcmb ob	M U2 M U' M2 U'		6			
	UR-DB-UL-BU	bwdq	cuaf				0			
	UR-DB-UL-FU	bwdi	cuah				0			
	UR-DB-UL-FL	bwdl	cuai				0			
	UR-DB-UL-LF	bwdf	cuaj				0			
	UR-DB-UL-LB	bwdh	cuak				0			A
	UR-DB-UL-BL	bwdr	cual				0			
	UR-DB-UL-BR	bwdt	cuam				0			
	UR-DB-UL-RF	bwdp	cuao				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-DB-UL-LD	bwdg	cuaq				0			
	UR-DB-UL-RD	bwdo	cuas				0			
	UR-DB-UL-DL	bwdx	cuat				0			
	UR-DB-UL-DR	bwdv	cuav				0			
	UR-DB-UB-UL	bwad	cuba	oaoa ncm	M2 U M2 U M' U2 M		7		C	
	UR-DB-UB-DF	bwau	cubd	cobm cma	U2 M2 U' M U2 M U		7			
	UR-DB-UB-LU	bwae	cube				0		O	
	UR-DB-UB-RU	bwam	cubg				0			
	UR-DB-UB-FL	bwal	cubi				0			
	UR-DB-UB-LF	bwaf	cubj				0			
	UR-DB-UB-LB	bwah	cubk				0			
	UR-DB-UB-BR	bwat	cubm				0		O	
	UR-DB-UB-RB	bwan	cubn				0		P	
	UR-DB-UB-RF	bwap	cubo				0		O	
	UR-DB-UB-FR	bwaj	cubp				0			
	UR-DB-UB-LD	bwag	cubq				0			
	UR-DB-UB-BD	bwas	cubr				0		P	
	UR-DB-UB-RD	bwao	cubs				0		O	
	UR-DB-UB-DL	bwax	cubt				0		O	
	UR-DB-UB-DR	bwav	cubv				0			
	UR-DB-DF-UL	bwud	cuda				0			
	UR-DB-DF-UB	bwua	cudb				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-DB-DF-LU	bwue	cude					0		
	UR-DB-DF-BU	bwuq	cudf					0		
	UR-DB-DF-FL	bwul	cudi					0		0
	UR-DB-DF-LF	bwuf	cudj					0		
	UR-DB-DF-LB	bwuh	cudk					0		
	UR-DB-DF-BL	bwur	cndl					0		A
	UR-DB-DF-BR	bwut	cudm					0		
	UR-DB-DF-RB	bwun	cudn					0		0
	UR-DB-DF-RF	bwup	cudo					0		A
	UR-DB-DF-FR	bwuj	cudp					0		
	UR-DB-DF-LD	bwug	cudq					0		
	UR-DB-DF-BD	bwus	cudr					0		
	UR-DB-DF-RD	bwuo	cuds					0		
	UR-DB-DF-DL	bwux	cudt					0		
	UR-DB-DF-DR	bwuv	cudv					0		
	UR-DB-LU-UB	bwea	cueb					0		0
	UR-DB-LU-DF	bweu	cued					0		
	UR-DB-LU-BU	bweq	cuef					0		
	UR-DB-LU-RU	bwem	cueg					0		
	UR-DB-LU-FU	bwei	cueh					0		
	UR-DB-LU-FL	bwel	cuei					0		
	UR-DB-LU-LF	bwef	cuej					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-DB-LU-LB	bweh	cuek					0		
	UR-DB-LU-BL	bwer	cuel					0		
	UR-DB-LU-BR	bwet	cuem					0		
	UR-DB-LU-RF	bwep	cueo					0		
	UR-DB-LU-LD	bweg	cueq					0		
	UR-DB-LU-RD	bweo	cues					0		P
	UR-DB-LU-DR	bwev	cuev					0		
	UR-DB-BU-UL	bwqd	cuфа					0		
	UR-DB-BU-DF	bwqu	cufdf					0		
	UR-DB-BU-LU	bwqe	cuфе					0		
	UR-DB-BU-FU	bwqi	cufh					0		
	UR-DB-BU-BR	bwqt	cufm					0		
	UR-DB-BU-RB	bwqn	cufn					0		
	UR-DB-BU-LD	bwqg	cufq					0		
	UR-DB-BU-RD	bwqo	cufs	mgta nbhb jqka	I S' U M' U' L' U' R E' R' U			12		
	UR-DB-BU-DR	bwqv	cufv	atas clma nbl	U S' U S U2 R2 M U M' U' R2			11		
	UR-DB-RU-UB	bwma	cugb					0		
	UR-DB-RU-LB	bwmh	cugk					0		
	UR-DB-RU-RD	bwmo	cugs					0		
	UR-DB-FU-UL	bwid	cuha					0		
	UR-DB-FU-LU	bwie	cuhe					0		F
	UR-DB-FU-BU	bwiq	cuhf					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-DB-FU-FL	bwil	cuhi					0		
	UR-DB-FU-LF	bwif	cuhj					0		
	UR-DB-FU-LB	bwih	cuhk					0		
	UR-DB-FU-BL	bwir	cuhl					0		
	UR-DB-FU-BR	bwit	cuhm					0		
	UR-DB-FU-RB	bwin	cuhn					0		
	UR-DB-FU-RF	bwip	cuho					0		
	UR-DB-FU-FR	bwij	cuhp					0		
	UR-DB-FU-RD	bwio	cuhs					0		0
	UR-DB-FU-DL	bwix	cuht					0		
	UR-DB-FU-DR	bwiv	cuhv					0		
	UR-DB-FL-UL	bwld	cuia					0		
	UR-DB-FL-UB	bwla	cuib					0		0
	UR-DB-FL-LU	bwle	cuie					0		p
	UR-DB-FL-BU	bwlq	cuif					0		
	UR-DB-FL-FU	bwlj	cuih					0		
	UR-DB-FL-BL	bwlj	cuil					0		
	UR-DB-FL-FR	bwlj	cuip					0		
	UR-DB-FL-LD	bwlj	cuiq	mkwh pjcn bhti	r' F' L' E R U2 M' U' L' S' L2			12		
	UR-DB-FL-RD	bwlj	cuis					0		
	UR-DB-FL-DR	bwlj	cuviv					0		
	UR-DB-LF-UL	bwfj	cuja					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-DB-LF-DF	bwfu	cujd				0			
	UR-DB-LF-LU	bwfe	cuje				0			
	UR-DB-LF-BU	bwfq	cujf				0			
	UR-DB-LF-RU	bwfm	cujg				0			
	UR-DB-LF-FU	bwfi	cujh				0			
	UR-DB-LF-LB	bwfh	cujk				0			
	UR-DB-LF-BL	bwfr	cujl				0			
	UR-DB-LF-RB	bwfn	cujn				0			
	UR-DB-LF-LD	bwfg	cujq				0			
	UR-DB-LF-DR	bwfv	cujv				0			
	UR-DB-LB-UL	bwhd	cuka				0		0	
	UR-DB-LB-UB	bwha	cukb				0			
	UR-DB-LB-DF	bwhu	cukd				0			
	UR-DB-LB-BU	bwhq	cukf	seho dneg ndt	S D' L' M2 D M' D' L M' D S'		11			
	UR-DB-LB-FU	bwhi	cukh				0		P	
	UR-DB-LB-FL	bwhl	cuki				0			
	UR-DB-LB-LF	bwhf	cukj				0			
	UR-DB-LB-BR	bwht	cukm				0		0	
	UR-DB-LB-RB	bwhn	cukn				0			
	UR-DB-LB-RF	bwhp	cuko				0			
	UR-DB-LB-LD	bwhg	cukq				0			
	UR-DB-LB-RD	bwho	cuks				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		0
	UR-DB-BL-UL	bwrd	cula				0			0
	UR-DB-BL-UB	bwra	cultb	gxbo bncx nh	L F2 U' M2 U' M' U2 F2 I'		10			
	UR-DB-BL-DF	bwru	culd				0		F	
	UR-DB-BL-LU	bwre	cule				0		P	
	UR-DB-BL-BU	bwrq	culf				0			
	UR-DB-BL-FU	bwri	cuhl				0			
	UR-DB-BL-BR	bwrt	culm				0		A	
	UR-DB-BL-RB	bwrn	culn				0			
	UR-DB-BL-FR	bwrj	culp				0		P	
	UR-DB-BL-LD	bwrg	culq				0			
	UR-DB-BL-RD	bwro	culs				0		A	
	UR-DB-BL-DL	bwrx	cult				0		O	
	UR-DB-BL-DR	bwrv	culv				0			
	UR-DB-BR-UL	bwttd	cuma				0		A	
	UR-DB-BR-UB	bwta	cumb				0			
	UR-DB-BR-LU	bwte	cume				0			
	UR-DB-BR-RU	bwtm	cumg				0			
	UR-DB-BR-FL	bwtl	cumi				0		O	
	UR-DB-BR-LF	bwtf	cumj				0			
	UR-DB-BR-LB	bwth	cumk				0			
	UR-DB-BR-BL	bwtr	cuml				0			
	UR-DB-BR-RF	bwtp	cumo				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-DB-BR-FR	bwtj		cump				0			
UR-DB-BR-RD	bwto		cums				0		L	
UR-DB-BR-DL	bwtx		cumt				0			
UR-DB-BR-DR	bwtv		cumv				0			
UR-DB-RB-UL	bwnd		cuna				0			
UR-DB-RB-UB	bwna		cunb				0			
UR-DB-RB-DF	bwnu		cund				0			
UR-DB-RB-LU	bwne		cune				0			
UR-DB-RB-BU	bwnq		cunf				0			
UR-DB-RB-RU	bwnm		cung				0			
UR-DB-RB-FU	bwni		cunh				0			
UR-DB-RB-FL	bwnl		cuni				0		P	
UR-DB-RB-LF	bwnf		cunj				0			
UR-DB-RB-LB	bwnh		cunk				0			
UR-DB-RB-BL	bwnr		cunl				0			
UR-DB-RB-LD	bwng		cunq				0			
UR-DB-RB-RD	bwno		cuns				0			
UR-DB-RB-DL	bwnx		cunt				0		P	
UR-DB-RB-DR	bwnv		cunv				0			
UR-DB-RF-UL	bwpd		cuoa				0			
UR-DB-RF-UB	bwpa		cuob				0			
UR-DB-RF-LU	bwpe		cuoe				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-DB-RF-FU	bwp <i>i</i>	cuoh				0			
	UR-DB-RF-FL	bwp <i>l</i>	cuoi				0			
	UR-DB-RF-BL	bwp <i>r</i>	cuol				0			
	UR-DB-RF-BR	bwp <i>t</i>	cuom				0			
	UR-DB-RF-RD	bwp <i>o</i>	cuos				0			
	UR-DB-RF-DL	bwp <i>x</i>	cuot				0			
	UR-DB-RF-DR	bwp <i>v</i>	cuov				0			
	UR-DB-FR-UL	bwj <i>d</i>	cupa				0			
	UR-DB-FR-UB	bwj <i>a</i>	cupb				0			
	UR-DB-FR-DF	bwj <i>u</i>	cupd				0			
	UR-DB-FR-LU	bwj <i>e</i>	cupe				0			C
	UR-DB-FR-BU	bwj <i>q</i>	cupf	mbfm afgv owh	M U' D2 M U D2 L F M2 F' L'		11			
	UR-DB-FR-FL	bwj <i>l</i>	cupi				0			
	UR-DB-FR-LF	bwj <i>f</i>	cupj				0			
	UR-DB-FR-LB	bwj <i>h</i>	cupk				0			
	UR-DB-FR-BL	bwj <i>r</i>	cupl				0			
	UR-DB-FR-BR	bwj <i>t</i>	cupm				0			
	UR-DB-FR-LD	bwj <i>g</i>	cupq	kave tdws bj	R' U F D' S' D F' S U' R		10			
	UR-DB-FR-RD	bwj <i>o</i>	cups				0			O
	UR-DB-FR-DL	bwj <i>x</i>	cup <i>t</i>				0			
	UR-DB-FR-DR	bwj <i>v</i>	cupv				0			
	UR-DB-LD-UB	bwg <i>a</i>	cuqb				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-DB-LD-DF	bwgu	cuqd					0		
	UR-DB-LD-LU	bwge	cuqe	oiam bics btbm	I2 U M U' L2 U2 S U' S' U' M			12		
	UR-DB-LD-BU	bwgq	cuqf					0		
	UR-DB-LD-FU	bwgj	cuqh					0		
	UR-DB-LD-FL	bwgj	cuqi					0		
	UR-DB-LD-LF	bwgf	cuqj					0		
	UR-DB-LD-LB	bwgh	cuqk					0		
	UR-DB-LD-BL	bwgr	cuql					0		
	UR-DB-LD-BR	bwgt	cuqm					0		
	UR-DB-LD-RB	bwgn	cuqn					0		
	UR-DB-LD-RF	bwgp	cuqo					0		
	UR-DB-LD-FR	bwgj	cuqp					0		
	UR-DB-LD-RD	bwgo	cuqs					0		
	UR-DB-LD-DR	bwgv	cuqv					0		
	UR-DB-BD-UB	bwsa	curb					0		A
	UR-DB-BD-DF	bwsu	curd					0		O
	UR-DB-BD-BU	bwsq	curf					0		A
	UR-DB-BD-FL	bwsl	curi					0		O
	UR-DB-BD-LF	bwsf	curj					0		
	UR-DB-BD-BL	bwsr	curl					0		O
	UR-DB-BD-LD	bwsg	curq					0		
	UR-DB-BD-DL	bwsx	curt					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		0
	UR-DB-BD-DR	bwsv	curv				0			0
	UR-DB-RD-UL	bwod	cusa				0			0
	UR-DB-RD-UB	bwoa	cusb				0			0
	UR-DB-RD-DF	bwou	cusd				0			A
	UR-DB-RD-LU	bwoe	cuse				0			0
	UR-DB-RD-BU	bwoq	cusf				0			0
	UR-DB-RD-FU	bwoi	cush				0			0
	UR-DB-RD-FL	bwol	cusi				0			0
	UR-DB-RD-LB	bwoh	cusk				0			0
	UR-DB-RD-RF	bwop	cuso				0			0
	UR-DB-RD-FR	bwoj	cusp				0			0
	UR-DB-RD-BD	bwos	cusr				0			0
	UR-DB-RD-DL	bwox	cust				0			P
	UR-DB-DL-UL	bwdx	cuta				0			0
	UR-DB-DL-UB	bwxo	cutb				0			0
	UR-DB-DL-LU	bwxo	cute				0			F
	UR-DB-DL-BU	bwxq	cutf	ldmb seta ln	R2 D M U' S D' S' U R2 M'		10			0
	UR-DB-DL-FU	bwxo	cuth				0			0
	UR-DB-DL-FL	bwxl	cuti				0			0
	UR-DB-DL-LF	bwxf	cutj				0			0
	UR-DB-DL-LB	bwxh	cutk				0			0
	UR-DB-DL-BL	bwxr	cutl				0			0

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		A
	UR-DB-DL-BR	bwxxt	cutm				0			A
	UR-DB-DL-RB	bwxn	cutn				0			F
	UR-DB-DL-FR	bwxj	cutp				0			
	UR-DB-DL-RD	bwxo	cuts				0			A
	UR-DB-DL-DR	bwxv	cutv				0			O
	UR-DB-DR-DF	bwvu	cuvd				0			
	UR-DB-DR-LU	bwve	cuve				0			O
	UR-DB-DR-FU	bwvi	cuvh				0			
	UR-DB-DR-FL	bwvl	cuvi				0			A
	UR-DB-DR-LF	bwvf	cujv				0			O
	UR-DB-DR-BL	bwvr	cuvl				0			
	UR-DB-DR-BR	bwvt	cuvm				0			
	UR-DB-DR-RB	bwvn	cuvn				0			L
	UR-DB-DR-RF	bwvp	cuvو				0			
	UR-DB-DR-FR	bwvj	cuvp				0			
	UR-DB-DR-DL	bwvx	cuvt				0			
	UR-DB-FD-UL	bwkd	cuxa	mbma nanb	M U' M U M' U M' U'		8			
	UR-DR-UL-UB	bvda	cvab				0			
	UR-DR-UL-BU	bvdq	cvaf				0			
	UR-DR-UL-BR	bvdt	cvam				0			
	UR-DR-UL-FR	bvdj	cvap				0			
	UR-DR-UL-LD	bvdg	cvaq				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-DR-UL-BD	bvds	cvar					0		
	UR-DR-UL-DL	bvdx	cvat					0		
	UR-DR-UB-UL	bvad	cvba	ibua tit	L2 U' S2 U S' L2 S'			7		
	UR-DR-UB-DF	bvau	cvbd	ente tndud	D' M' S' D' S' M' D S2 D			9		C
	UR-DR-UB-LU	bvae	cvbe					0		
	UR-DR-UB-FU	bvai	cvbh					0		
	UR-DR-UB-FL	bval	cvbi					0		O
	UR-DR-UB-LF	bvaf	cvbj					0		
	UR-DR-UB-LB	bvah	cvbk					0		
	UR-DR-UB-BL	bvar	cvbl					0		
	UR-DR-UB-BR	bvat	cvbm					0		
	UR-DR-UB-RB	bvan	cvbn					0		
	UR-DR-UB-LD	bvag	cvbq					0		
	UR-DR-UB-RD	bvao	cvbs					0		O
	UR-DR-UB-DL	bvax	cvbt					0		
	UR-DR-DF-UL	bvud	cvda					0		
	UR-DR-DF-UB	bvua	cvdb					0		
	UR-DR-DF-LU	bvue	cvde					0		
	UR-DR-DF-BU	bvuq	cvdf					0		
	UR-DR-DF-FL	bvul	cvdi					0		
	UR-DR-DF-LF	bvuf	cvdj					0		
	UR-DR-DF-LB	bvuh	cvdk					0		P

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UR-DR-DF-FR	bvuj		cvdp					0		
UR-DR-DF-LD	bvug		cvdq					0		
UR-DR-DF-RD	bvuo		cvds					0		
UR-DR-DF-DB	bvuw		cvdu					0		
UR-DR-LU-UB	bvea		cveb					0		
UR-DR-LU-BU	bveq		cvef					0		0
UR-DR-LU-FL	bvel		cvei					0		
UR-DR-LU-LF	bvef		cvej					0		
UR-DR-LU-LB	bveh		cvek					0		
UR-DR-LU-BL	bver		cvel					0		
UR-DR-LU-FR	bvej		cvep					0		
UR-DR-LU-LD	bveg		cveq					0		
UR-DR-LU-BD	bves		cver					0		A
UR-DR-LU-DB	bview		cveu					0		
UR-DR-BU-UL	bvqd		cvfa					0		
UR-DR-BU-LU	bvqe		cvfe					0		
UR-DR-BU-FU	bvqi		cvfh					0		
UR-DR-BU-FL	bvql		cvfi					0		
UR-DR-BU-LF	bvqf		cvfj					0		
UR-DR-BU-BR	bvqt		cvfm					0		
UR-DR-BU-RB	bvqn		cvfn					0		
UR-DR-BU-RF	bvqp		cvfo					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-DR-BU-FR	bvqj	cvfp				0			C
	UR-DR-BU-LD	bvqq	cvfq	fsem ane tb	D2 S D' M U M' D' S' U'		9			
	UR-DR-BU-RD	bvqo	cvfs				0			
	UR-DR-BU-DL	bvqx	cvft				0		0	
	UR-DR-BU-DB	bvqw	cvfu				0			
	UR-DR-FU-UL	bvid	cvha				0			
	UR-DR-FU-UB	bvia	cvhb				0		C	
	UR-DR-FU-LU	bvie	cvhe				0		0	
	UR-DR-FU-LF	bvif	cvhj				0			
	UR-DR-FU-LB	bvih	cvhk				0			
	UR-DR-FU-BL	bvir	cvhl				0		F	
	UR-DR-FU-BR	bvit	cvhm				0		L	
	UR-DR-FU-RB	bvin	cvhn				0		A	
	UR-DR-FL-UB	bvla	cvib				0			
	UR-DR-FL-DF	bvlu	cvid				0			
	UR-DR-FL-LU	bvle	cvie				0			
	UR-DR-FL-RB	bvln	cvin	lpvq kpjw jqj	R2 E F E' R' E R F' R E' R		11		A	
	UR-DR-FL-LD	bvlg	cviq	jplv jtls jwqj	R E R2 F R S' R2 S R F' E' R		12			
	UR-DR-FL-BD	bvls	cvir				0			
	UR-DR-FL-DL	bvlx	cvit				0			
	UR-DR-FL-DB	bvlw	cviu				0		0	
	UR-DR-LF-UL	bvfd	cvja				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		A
UR-DR-LF-UB	bvfa		cvjb				0			
UR-DR-LF-DF	bvfu		cvjd				0			
UR-DR-LF-LU	bvfe		cvje				0			
UR-DR-LF-BU	bvfq		cvjf				0			
UR-DR-LF-FU	bvfi		cvjh				0			
UR-DR-LF-LB	bvfh		cvjk				0			
UR-DR-LF-BL	bvfr		cvjl				0			
UR-DR-LF-BR	bvft		cvjm				0			
UR-DR-LF-RB	bvfn		cvjn				0			
UR-DR-LF-RF	bvfp		cvjo				0			
UR-DR-LF-FR	bvfvj		cvjp				0			
UR-DR-LF-LD	bvfg		cvjq				0			
UR-DR-LF-BD	bvfs		cvjr				0			
UR-DR-LF-DL	bvfx		cvjt				0			
	UR-DR-LF-DB	bvfw	cvju	bwtn aoan csva	U' f' M' U M2 U M' U2 f U		12			
UR-DR-LB-UL	bvhd		cvka				0			
UR-DR-LB-UB	bvha		cvkb				0			
UR-DR-LB-DF	bvhud		cvkd				0			P
UR-DR-LB-BU	bvhq		cvkf				0			
UR-DR-LB-FU	bvhi		cvkh				0			
UR-DR-LB-FL	bvhld		cvki				0			
UR-DR-LB-LF	bvhf		cvkj				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-DR-LB-RB	bvhn	cvkn				0			
	UR-DR-LB-RF	bvhp	cvko				0			
	UR-DR-LB-FR	bvhj	cvkp				0			P
	UR-DR-LB-LD	bvhg	cvkq				0			
	UR-DR-LB-DL	bvhx	cvkt				0			
	UR-DR-LB-DB	bvhw	cvku				0			
	UR-DR-BL-UL	bvrd	cvla	bheo duga krj	U' L' D' M2 D S2 L U R' E2 R		11			
	UR-DR-BL-UB	bvra	cvilb	kqlp jbtc sbl	R' E' R2 E R U' S' U2 S U' R2		11			
	UR-DR-BL-DF	bvru	cvid				0			
	UR-DR-BL-LU	bvre	cviel	gtcs ahsg aht	L S' U2 S U L' S L U L' S'		11			
	UR-DR-BL-BU	bvrq	cvilf	mgta nbma sbnh	I S' U M' U' M U S U' I'		12			
	UR-DR-BL-FU	bvri	cvih				0			O
	UR-DR-BL-FL	bvrl	cviil	lbjr kak rk	R2 U' R E2 R' U R' E2 R'		9			
	UR-DR-BL-LF	bvrf	cvilj	kpjw krlp kv	R' E R F' R' E2 R2 E R' F		10			
	UR-DR-BL-BR	bvrt	cviim	evkp kpjr jwd	D' F R' E R' E R E2 R F' D		11			
	UR-DR-BL-RB	bvrn	cviin	kqwr vjwr vjpk	R' E' F' E2 F R F' E2 F R E R'		12			
	UR-DR-BL-RF	bvrp	cviol	xkpj vkrl pkv	F2 R' E R F R' E2 R2 E R' F		11			
	UR-DR-BL-FR	bvrj	cvipl	rjbk rkql pak	E2 R U' R' E2 R' E' R2 E U R'		11			
	UR-DR-BL-LD	bvrg	cviql	bkqj fjkp asft	U' R' E' R D2 R E R' U S D2 S'		12			O
	UR-DR-BL-BD	bvrs	cvir	mgta nama sanh	I S' U M' U M U S U I'		12			O
	UR-DR-BL-DL	bvrx	cvit	dmgc mbob he	D I U2 M U' M2 U' L' D'		10			O
	UR-DR-BL-DB	bvrw	cviu	ekpv rvpv jd	D' R' E F E2 F E F2 R D		10			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-DR-BR-UL	bvtd	cvma	adjb tman skbe	U D R U' S' M U M' S R' U' D'		12			P
	UR-DR-BR-UB	bvta	cvmb	buat lskb uak	U' S2 U S' R2 S R' U' S2 U R'		11			
	UR-DR-BR-DF	bvtu	cvmd				0			
	UR-DR-BR-LU	bvte	cvme	ewkp jskt qjvd	D' F' R' E R S R' S' E' R F D		12			
	UR-DR-BR-BU	bvtq	cvmf	bskc sata jat	U' S R' U2 S U S' U R U S'		11			
	UR-DR-BR-FU	bvti	cvmh				0			
	UR-DR-BR-FL	bvtl	cvmi	kbjr jplq ajr	R' U' R E2 R E R2 u R E2		11			
	UR-DR-BR-LF	bvtf	cvmj	bkas dmfn vdt	U' R' U S D M D2 M' F D S'		11			
	UR-DR-BR-LB	bvth	cvmk	qvqj pkwk qjr	E' F E' R E R' F' R' E' R E2		11			
	UR-DR-BR-BL	bvtr	cvmi	ewkr kqjq jvd	D' F' R' E2 R' E' R E' R F D		11			
	UR-DR-BR-RF	bvtp	cvmo	akvj sjtl wjb	U R' F R S R S' R2 F' R U'		11			
	UR-DR-BR-FR	bvtj	cvmi	rlbk rjaj rjr	E2 R2 U' R' E2 R U R E2 R E2		11			
	UR-DR-BR-LD	bvtg	cvmq	kaks jajt kcj	R' U R' S R U R S' R' U2 R		11			
	UR-DR-BR-BD	bvts	cvmr		U R' F D' R S R S' R2 D F' R U'		0			
	UR-DR-BR-RD	bvto	cvmi				0			
	UR-DR-BR-DL	bvtx	cvmi	pwth uhti vq	E f' L' S2 L' S' L2 F E'		10			
	UR-DR-BR-DB	bvtw	cvmu	anta scnk aobj	U M' S' U S U2 M' R' U M2 U' R		12			
	UR-DR-RB-UL	bvnd	cvna				0			
	UR-DR-RB-UB	bvna	cvnb				0			
	UR-DR-RB-DF	bvnu	cvnd				0		0	
	UR-DR-RB-LU	bvne	cvne				0			
	UR-DR-RB-BU	bvnq	cvnf				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	UR-DR-RB-LF	bvnf	cvnj					0		
	UR-DR-RB-LB	bvnh	cvnk					0		
	UR-DR-RB-BL	bvnr	cvnl					0		
	UR-DR-RB-RF	bvnp	cvno					0		A
	UR-DR-RB-FR	bvnj	cvnp					0		
	UR-DR-RB-LD	bvng	cvnq					0		
	UR-DR-RB-BD	bvns	cvnr					0		
	UR-DR-RB-RD	bvno	cvns					0		
	UR-DR-RB-DL	bvnx	cvnt					0		
	UR-DR-RB-DB	bvnw	cvnu					0		
	UR-DR-RF-UL	bvpd	cvoa					0		
	UR-DR-RF-UB	bvpa	cvob	wdoe veoe sft	F' D M2 D' F D' M2 D' S D2 S'			11		
	UR-DR-RF-DF	bvpu	cvod					0		
	UR-DR-RF-LU	bvpe	cvoe					0		
	UR-DR-RF-BU	bvpq	cvoф					0		
	UR-DR-RF-FU	bvpi	cvoh					0		
	UR-DR-RF-FL	bvpl	cvoi					0		
	UR-DR-RF-LF	bvpf	cvoj					0		
	UR-DR-RF-LB	bvph	cvoк					0		
	UR-DR-RF-BR	bvpt	cvoм					0		
	UR-DR-RF-RB	bvpn	cvoн					0		
	UR-DR-RF-LD	bvpg	cvoq					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-DR-RF-BD	bvps	cvor				0			
	UR-DR-RF-DL	bpx	cvot				0			
	UR-DR-RF-DB	bpvw	cvou				0			
	UR-DR-FR-UL	bvjd	cvpa				0			
	UR-DR-FR-UB	bvja	cvpb				0			
	UR-DR-FR-LU	bvje	cvpe				0			
	UR-DR-FR-BU	bvjq	cvpf	bsjc sata kat	U' S R U2 S U S' U R' U S'		11			
	UR-DR-FR-FL	bvjl	cvpi	kexp vrvd lpk	R' D' F2 E F E2 F D R2 E R'		11			
	UR-DR-FR-LF	bvjf	cvpj	dwxn nwmw jve	D F' R' F2 M' F' M F' R F D'		11			
	UR-DR-FR-LB	bvjh	cvpk	kelv pwlw qvdj	R' D' R2 F E F' R2 F' E' F D R		12			
	UR-DR-FR-BL	bvjr	cvpl	xdjr kekr jx	F2 D R E2 R' D' R' E2 R F2		10			
	UR-DR-FR-BR	bvjt	cvpm	uaju kbku ju	S2 U R S2 R' U' R' S2 R S2		10			
	UR-DR-FR-RB	bvjn	cvpn	akvj skwt jb	U R' F R S R' f' R U'		10		0	
	UR-DR-FR-LD	bvjq	cvpq	jajs kakt jck	R U R S R' U R' S' R U2 R'		11			
	UR-DR-FR-BD	bvjs	cvpr	jvel tksk dwk	R F D' R2 S' R' S R' D F' R'		11		A	
	UR-DR-FR-DL	bvjx	cvpt	jcku jbju kbk	R U2 R' S2 R U' R S2 R' U' R'		11			
	UR-DR-FR-DB	bvjw	cvpu	anta scgv ownh	U M' S' U S U2 L F M2 F' I'		12			
	UR-DR-LD-UL	bvgd	cvqa	atbt asa sc	U S' U' S' U S U S U2		9			
	UR-DR-LD-UB	bvga	cvqb	sasl btat lb	S U S R2 U' S' U S' R2 U'		10			
	UR-DR-LD-DF	bvgu	cvqd	amei etds idnb	U M D' L2 D' S' D S L2 D M' U'		12			
	UR-DR-LD-LU	bvge	cvqe	ukak tjbk tl	S2 R' U R' S' R U' R' S' R2		10			
	UR-DR-LD-BU	bvgq	cvqf	bnbo emdm ama	U' M' U' M2 D' M D M U M U		11			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-DR-LD-FL	bvgl	cvqi	gwth uhti vh	L' f' L' S2 L' S' L2 F' L'		10			
	UR-DR-LD-LF	bvgf	cvqj	bhsq btgs hct	U' L' S L U' S' L S L' U2 S'		11			
	UR-DR-LD-LB	bvgh	cvqk	bgsh aths hti	U' L S L' U S' L' S L' S' L2		11			
	UR-DR-LD-BL	bvgr	cvql	hti w hugt vh	L' S' L2 F' L' S2 L S' F L'		10			
	UR-DR-LD-BR	bvgt	cvqm	jsaj skbk tjtk	R S U R S R' U' R' S' R S' R'		12			
	UR-DR-LD-RB	bvgn	cvqn	shrb kpjp agt	S L' E2 U' R' E R E U L S'		11			
	UR-DR-LD-RF	bvgp	cvqo	wdnk vmwj ev	F' D M' R' F M F' R D' F		10			
	UR-DR-LD-FR	bvgj	cvqp	laub jasb jasb	R2 U S2 U' R U S U' R U S U'		12			
	UR-DR-LD-BD	bvgs	cvqr	bsma kehq gdnj	U' S M U R' D' L' E' L D r		12			
	UR-DR-LD-RD	bvgo	cvqs				0			
	UR-DR-LD-DB	bvgw	cvqu	bnel dset ldma	U' M' D' R2 D S D' S' R2 D M U		12			
	UR-DR-BD-UL	bvsd	cvra				0			
	UR-DR-BD-UB	bvsd	cvrb				0			
	UR-DR-BD-LU	bvse	cvre				0			
	UR-DR-BD-BU	bvsq	cvrf				0			0
	UR-DR-BD-FL	bvsI	cvri				0			
	UR-DR-BD-LF	bvsf	cvrj				0			
	UR-DR-BD-LB	bvsh	cvrk				0			
	UR-DR-BD-BL	bvsr	cvrl				0			
	UR-DR-BD-BR	bvst	cvrm				0			
	UR-DR-BD-RB	bvsn	cvrn	rakv avjv bkw dc	D' U R' F U F R F U' R' F' D U2		13			
	UR-DR-BD-RF	bvsp	cvro				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-DR-BD-FR	bvsj	cvrp				0			
	UR-DR-BD-LD	bvsg	cvrq				0			
	UR-DR-BD-RD	bvso	cvsr				0			
	UR-DR-BD-DL	bvsx	cvtt				0			
	UR-DR-RD-RF	bvop	cuso				0			
	UR-DR-RD-DB	bvow	cusu				0			
	UR-DR-DL-UL	bvxd	cvtta				0			
	UR-DR-DL-UB	bvxa	cvtb				0			
	UR-DR-DL-LU	bvxe	cvtc				0			
	UR-DR-DL-BU	bvxq	cvtf				0			
	UR-DR-DL-FL	bvxl	cvti				0		0	
	UR-DR-DL-LF	bvxf	cvtj				0			
	UR-DR-DL-LB	bvxh	cvtk				0			
	UR-DR-DL-BL	bvxr	cvtl				0			
	UR-DR-DL-BR	bvxt	cvtm	ajsl sjat ct	U R S R2 S R U S' U2 S'		10		A	
	UR-DR-DL-RB	bvxn	cvtm				0			
	UR-DR-DL-RF	bvxp	cvtm				0			
	UR-DR-DL-FR	bvxj	cvtm				0		0	
	UR-DR-DL-BD	bvxs	cvtm				0			
	UR-DR-DL-DB	bvxw	cvtu				0			
	UR-DR-DB-UL	bvwd	cvtu	bmct ascn	U' M U2 S' U S U2 M'		8			
	UR-DR-DB-UB	bvwa	cvtub	altm ansb lb	U R2 S' M U M' S U' R2 U'		10			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UR-DR-DB-LU	bvwe	cvue	blbt bsmc lan	U' R2 U' S' U' S M U2 R2 U M'		11			
	UR-DR-DB-BU	bvwq	cvuf	mant asbm bn	M U M' S' U S U' M U' M'		10			
	UR-DR-DB-FL	bvwI	cvui	mgct escn dh	I U2 S' D' S U2 M' D L'		10			
	UR-DR-DB-LF	bvwf	cvuj	bvmc tasc nbwa	U' F M U2 S' U S U2 M' U' F' U		12			
	UR-DR-DB-BL	bvwr	cvul				0			
	UR-DR-DB-BR	bvwt	cvum	kaob jant ascn	R' U M2 U' R U M' S' U S U2 M'		12			
	UR-DR-DB-RB	bvwn	cvun	mawj pkqv bn	M U F' R E R' E' F U' M'		10			
	UR-DR-DB-RF	bvwp	cvuo	jvet jskd wk	R F D' S' R S R' D F' R'		10			
	UR-DR-DB-FR	bvwj	cvup	jaob kant ascn	R U M2 U' R' U M' S' U S U2 M'		12			A
	UR-DR-DB-LD	bvwg	cvuq	mlas blct bnb	M R2 U S U' R2 U2 S' U' M' U'		11			
	UR-DR-DB-DL	bvxw	cvut	mcte scnd	M U2 S' D' S U2 M' D		8			
	UR-FD-LU-UB	bkea	cxeb	xbna mbna mx	F2 U' M' U M U' M' U M F2		10			
	UR-FD-LU-BU	bkeq	cxef	sdmt asne tb	S D M S' U S M' D' S' U'		10			
	UR-FD-DB-UL	bkwd	cxua	bmam anbn	U' M U M U M' U' M'		8			