

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-UL-UR-DF	adbu	bacd				0			
	UB-UL-UR-FU	adbi	bach				0			A
	UB-UL-UR-FL	adbl	baci				0			
	UB-UL-UR-LF	adbf	bacj				0			
	UB-UL-UR-LB	adbh	back				0			A
	UB-UL-UR-BL	adbr	baci				0			
	UB-UL-UR-BR	adbt	bacm				0			
	UB-UL-UR-RB	adbn	bacn				0			
	UB-UL-UR-RF	adbp	baco				0		0	
	UB-UL-UR-FR	adbj	bacp				0			A
	UB-UL-UR-LD	adbg	bacq				0			
	UB-UL-UR-RD	adbo	bacs				0			
	UB-UL-UR-DL	adbx	bact				0			
	UB-UL-UR-DB	adbw	bacu	mcna mcnb	M U2 M' U M U2 M' U'		8			
	UB-UL-UR-DR	adbv	bacv				0			
	UB-UL-DF-UR	adub	badc	bnsb mcna tmb	U' M' S U' M U2 M' U S' M U'		11			
	UB-UL-DF-RU	adum	badg	wgsv atnb whvm	F' L f U S' M' U' F' L' F M		12		0	
	UB-UL-DF-FL	adul	badi	xktn amsb jx	F2 R' S' M' U M S U' R F2		10		0	
	UB-UL-DF-LF	aduf	badj	qwgv hpjb kv	E' F' L F L' E R U' R' F		10			
	UB-UL-DF-LB	aduh	badk				0		0	
	UB-UL-DF-BL	adur	badl	wgvh pjbk vq	F' L F L' E R U' R' F E'		10		0	
	UB-UL-DF-BR	adut	badm	xnjt asmb kx	F2 r S' U S M U' R' F2		10		0	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-UL-DF-RB	adun	badn				0			0
	UB-UL-DF-FR	aduj	badp				0			
	UB-UL-DF-LD	adug	badq				0			
	UB-UL-DF-BD	adus	badr	mwge wnvd hv	M F' L D' F' M' F D L' F		10			
	UB-UL-DF-RD	aduo	bads	tasb ncmt bsb	S' U S U' M' U2 M S' U' S U'		11		A	
	UB-UL-DF-DL	adux	badt	tfmd odms	S' D2 M D M2 D M S		8			
	UB-UL-DF-DB	aduw	badu	nvgv owhwn	M' F L F M2 F' L' F' M'		9		C	
	UB-UL-DF-DR	aduv	badv				0			
	UB-UL-LU-UR	adeb	baec				0		A	
	UB-UL-LU-RD	adeo	baes				0		P	
	UB-UL-BU-UR	adqb	bafc				0			
	UB-UL-BU-DF	adqu	bafd				0			
	UB-UL-BU-RU	adqm	bafg				0			
	UB-UL-BU-FU	adqi	bafh				0			
	UB-UL-BU-FL	adql	bafi				0			
	UB-UL-BU-LF	adqf	bafj				0			
	UB-UL-BU-LB	adqh	bafk				0			
	UB-UL-BU-BL	adqr	bafl				0		A	
	UB-UL-BU-BR	adqt	bafm				0			
	UB-UL-BU-RB	adqn	bafn				0			
	UB-UL-BU-RF	adqp	bafo				0			
	UB-UL-BU-FR	adqj	bafp				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		
UB-UL-BU-LD	adqg	bafq					0			
UB-UL-BU-BD	adqs	bafr					0			
UB-UL-BU-RD	adqo	bafs					0			
UB-UL-BU-DL	adqx	baft					0			
UB-UL-BU-DB	adqw	bafu					0			
UB-UL-BU-DR	adqv	bafv					0			
UB-UL-RU-DF	admu	bagd					0		P	
UB-UL-RU-FU	admi	bagh					0		O	
UB-UL-RU-FL	adml	bagi					0		O	
UB-UL-RU-LF	admf	bagj					0		O	
UB-UL-RU-LB	admh	bagk					0			
UB-UL-RU-BL	admr	bagl					0			
UB-UL-RU-BR	admt	bagm					0			
UB-UL-RU-RB	admn	bagn					0			
UB-UL-RU-RF	admp	bago					0			
UB-UL-RU-FR	admj	bagp					0			
UB-UL-RU-BD	adms	bagr					0			
UB-UL-RU-RD	admo	bags					0		O	
UB-UL-RU-DL	admx	bagt					0		O	
UB-UL-RU-DB	admw	bagu					0		A	
UB-UL-FU-UR	adib	bahc					0			
UB-UL-FU-RU	adim	bahg					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
UB-UL-FU-FL	adil	bahi					0			
UB-UL-FU-LF	adif	bahj					0			
UB-UL-FU-LB	adih	bahk					0		L	
UB-UL-FU-BL	adir	bahl					0			
UB-UL-FU-BR	adit	bahm					0			
UB-UL-FU-RB	adin	bahn					0			
UB-UL-FU-RF	adip	baho					0			
UB-UL-FU-FR	adij	bahp					0			
UB-UL-FU-LD	adig	bahq					0			
UB-UL-FU-BD	adis	bahr					0		O	
UB-UL-FU-RD	adio	bahs					0		L	
UB-UL-FU-DL	adix	baht					0		O	
UB-UL-FU-DB	adiw	bahu					0		P	
UB-UL-FU-DR	adiv	bahv					0			
UB-UL-FL-UR	adlb	baic					0		P	
UB-UL-FL-DF	adlu	baid					0		O	
UB-UL-FL-BU	adlq	baif					0			
UB-UL-FL-RU	adlm	baig					0		O	
UB-UL-FL-FU	adli	baih					0		O	
UB-UL-FL-LB	adlh	baik					0			
UB-UL-FL-BL	adlr	bail					0		A	
UB-UL-FL-BR	adlt	baim					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-UL-FL-RF	adlp	baio				0			
	UB-UL-FL-LD	adlg	baiq				0			
	UB-UL-FL-BD	adls	bair				0			
	UB-UL-FL-RD	adlo	bais				0			
	UB-UL-FL-DL	adlx	bait				0		0	
	UB-UL-FL-DB	adlw	baiu				0			
	UB-UL-FL-DR	adlv	baiv				0			
	UB-UL-LF-UR	adfb	bajc				0			
	UB-UL-LF-DF	adfu	bajd				0		P	
	UB-UL-LF-LU	adfe	baje				0		A	
	UB-UL-LF-FU	adfi	bajh				0		A	
	UB-UL-LF-FL	adfl	baji				0		P	
	UB-UL-LF-LB	adfh	bajk				0			
	UB-UL-LF-BR	adft	bajm				0			
	UB-UL-LF-RB	adfn	bajn	owes jujs ldvo	M2 F' D' S R S2 R S R2 D F M2		12		A	
	UB-UL-LF-RF	adfp	bajo				0			
	UB-UL-LF-FR	adfj	bajp				0		A	
	UB-UL-LF-LD	adfg	bajq	tals lbga tbhs	S' U R2 S R2 U' L U S' U' L' S		12		A	
	UB-UL-LF-BD	adfs	bajr				0		O	
	UB-UL-LF-RD	adfo	bajs				0			
	UB-UL-LF-DL	adfx	bajt				0			
	UB-UL-LF-DB	adfw	baju				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
	UB-UL-LF-DR	adf v	bajv				0			
	UB-UL-LB-UR	adhb	bakc				0		A	
	UB-UL-LB-DF	adhu	bakd				0		A	
	UB-UL-LB-RU	adhm	bakg				0		O	
	UB-UL-LB-FU	adhi	bakh				0			
	UB-UL-LB-FL	adhl	baki				0		A	
	UB-UL-LB-LF	adhf	bakj				0			
	UB-UL-LB-BR	adht	bakm				0			
	UB-UL-LB-RB	adhn	bakn				0			
	UB-UL-LB-RF	adhp	bako				0			
	UB-UL-LB-FR	adhj	bakp				0			
	UB-UL-LB-LD	adhg	bakq				0			
	UB-UL-LB-BD	adhs	bakr				0		O	
	UB-UL-LB-RD	adho	baks				0			
	UB-UL-LB-DL	adhx	bakt				0			
	UB-UL-LB-DB	adhw	baku				0		C	
	UB-UL-LB-DR	adhv	bakv				0			
	UB-UL-BL-UR	adr b	balc				0			
	UB-UL-BL-DF	adru	bald				0			P
	UB-UL-BL-RU	adrm	balg	vqkv namb wjpw	F E' R' F M' U M U' F' R E F'		12			
	UB-UL-BL-FU	adri	balh				0			
	UB-UL-BL-FL	adrl	bali				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
	UB-UL-BL-LF	adrf	balj				0			P
	UB-UL-BL-BR	adrt	balm				0			O
	UB-UL-BL-RB	adrn	baln				0			
	UB-UL-BL-FR	adrj	balp				0			
	UB-UL-BL-BD	adrs	balr				0			O
	UB-UL-BL-RD	adro	bals				0			
	UB-UL-BL-DL	adxr	balt				0			C
	UB-UL-BL-DB	adrw	balu				0			P
	UB-UL-BL-DR	adrv	balv				0			
	UB-UL-BR-UR	adt _b	bamc				0			
	UB-UL-BR-RU	adt _m	bamg				0			
	UB-UL-BR-FU	adt _i	bamh				0			
	UB-UL-BR-FL	adt _l	bami				0			
	UB-UL-BR-LF	adt _f	bamj				0			
	UB-UL-BR-LB	adt _h	bamk				0			
	UB-UL-BR-BL	adt _r	baml				0			
	UB-UL-BR-RF	adt _p	bamo				0			
	UB-UL-BR-FR	adt _j	bamp	katc satc scj	R' U S' U2 S U S' U2 S U2 R		11			
	UB-UL-BR-LD	adt _g	bamq				0			
	UB-UL-BR-BD	adt _s	bamr				0			
	UB-UL-BR-RD	adt _o	bams				0			C
	UB-UL-BR-DL	adt _x	bamt				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-UL-BR-DB	adtw	bamu				0			
	UB-UL-BR-DR	adtv	bamv				0			
	UB-UL-RB-UR	adnb	banc				0		0	
	UB-UL-RB-DF	adnu	band				0		0	
	UB-UL-RB-LU	adne	bane				0		P	
	UB-UL-RB-RU	adnm	bang				0		A	
	UB-UL-RB-FU	adni	banh				0			
	UB-UL-RB-FL	adnl	bani				0		P	
	UB-UL-RB-LF	adnf	banj				0		0	
	UB-UL-RB-LB	adnh	bank				0		0	
	UB-UL-RB-BL	adnr	banl				0			
	UB-UL-RB-RF	adnp	bano	cicl bjtk bjsj	U2 R2 U2 R2 U' R S' R' U' R S R		12		A	
	UB-UL-RB-FR	adnj	banp				0			
	UB-UL-RB-LD	adng	banq				0		L	
	UB-UL-RB-BD	adns	banr				0		O	
	UB-UL-RB-RD	adno	bans				0			
	UB-UL-RB-DL	adnx	bant				0		A	
	UB-UL-RB-DR	adnv	banv				0			
	UB-UL-RF-UR	adpb	baoc	oawn xnwo bo	M2 U F' M' F2 M' F' M2 U' M2		10			
	UB-UL-RF-DF	adpu	baod				0			
	UB-UL-RF-BU	adpq	baof				0			
	UB-UL-RF-FU	adpi	baoh				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-UL-RF-FL	adpl	baoi				0			
	UB-UL-RF-LF	adpf	baoj				0			
	UB-UL-RF-LB	adph	baok	bvgb vmw n ahwa	U' F L U' F M F' M' U L' F' U		12			
	UB-UL-RF-BL	adpr	baol				0			
	UB-UL-RF-BR	adpt	baom				0			
	UB-UL-RF-RB	adpn	baon				0			
	UB-UL-RF-LD	adpg	baoq				0			
	UB-UL-RF-BD	adps	baor				0			
	UB-UL-RF-RD	adpo	baos				0			
	UB-UL-RF-DL	adpx	baot				0			
	UB-UL-RF-DB	adpw	baou				0			
	UB-UL-FR-UR	adjb	bapc				0			
	UB-UL-FR-DF	adju	bapd				0			
	UB-UL-FR-BU	adjq	bapf				0			
	UB-UL-FR-RU	adjm	bapg				0			
	UB-UL-FR-FU	adji	baph				0			
	UB-UL-FR-FL	adjl	bapi				0			
	UB-UL-FR-LF	adjf	bapj				0			
	UB-UL-FR-LB	adjh	bapk				0			
	UB-UL-FR-BL	adjr	bapl				0			
	UB-UL-FR-BR	adjt	bapm				0			
	UB-UL-FR-RB	adjn	bapn	ahsa kqjb ptgb	U L' S U R' E' R u' S' L U'		12			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UB-UL-FR-LD	adjg	bapq					0			
UB-UL-FR-BD	adjs	bapr					0		L	
UB-UL-FR-RD	adjo	baps					0			
UB-UL-FR-DL	adjx	bapt					0		P	
UB-UL-FR-DB	adjw	bapu					0		P	
UB-UL-LD-UR	adgb	baqc					0			
UB-UL-LD-DF	adgu	baqd					0		C	
UB-UL-LD-LU	adge	baqe					0			
UB-UL-LD-RU	adgm	baqq					0			
UB-UL-LD-FU	adgi	baqh					0			
UB-UL-LD-FL	adgl	baqi					0			
UB-UL-LD-LF	adgf	baqj					0			
UB-UL-LD-BL	adgr	baql					0			
UB-UL-LD-BR	adgt	baqm					0			
UB-UL-LD-RF	adgp	baqo					0		A	
UB-UL-LD-FR	adgj	baqp					0		L	
UB-UL-LD-BD	adgs	baqr					0			
UB-UL-LD-DB	adgw	baqu					0			
UB-UL-BD-UR	adsb	barc					0		C	
UB-UL-BD-DF	adsu	bard					0			
UB-UL-BD-RU	adsm	barg					0		A	
UB-UL-BD-FL	adsl	bari					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
	UB-UL-BD-LF	adsf	barj				0			
	UB-UL-BD-LB	adsh	bark				0		A	
	UB-UL-BD-BL	adsr	barl				0		O	
	UB-UL-BD-BR	adst	barm				0			
	UB-UL-BD-RB	adsn	barn				0		O	
	UB-UL-BD-RF	adsp	baro				0			
	UB-UL-BD-FR	adsj	barp				0			
	UB-UL-BD-LD	adsg	barq				0		P	
	UB-UL-BD-RD	adso	bars				0		A	
	UB-UL-BD-DL	adsx	bart				0		P	
	UB-UL-BD-DB	adsw	baru				0		L	
	UB-UL-BD-DR	adsv	barv				0			
	UB-UL-RD-UR	adob	basc				0			
	UB-UL-RD-DF	adou	basd				0		A	
	UB-UL-RD-LU	adoe	base				0		O	
	UB-UL-RD-RU	adom	basg				0			
	UB-UL-RD-FU	adoi	bash				0		A	
	UB-UL-RD-FL	adol	basi				0		A	
	UB-UL-RD-LF	adof	basj				0			
	UB-UL-RD-BL	ador	basl				0		O	
	UB-UL-RD-BR	adot	basm				0			
	UB-UL-RD-RB	adon	basn	atft ktjb jtkf	U S' D2 S' R' S' R U' R S' R' D2		12		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		
	UB-UL-RD-FR	adoj	basp					0		
	UB-UL-RD-BD	ados	basr	nata sncm amb	M' U S' U S M' U2 M U M U'		11		0	
	UB-UL-RD-DL	adox	bast					0		P
	UB-UL-RD-DB	adow	basu					0		P
	UB-UL-DL-UR	adxb	batc					0		
	UB-UL-DL-DF	adxu	batd					0		
	UB-UL-DL-FU	adxj	bath					0		0
	UB-UL-DL-FL	adxl	bati					0		P
	UB-UL-DL-LF	adxj	batj					0		
	UB-UL-DL-LB	adxh	batk					0		0
	UB-UL-DL-BL	adxr	batl					0		
	UB-UL-DL-BR	adxt	batm					0		0
	UB-UL-DL-RB	adxn	batn					0		0
	UB-UL-DL-RF	adxp	bato					0		
	UB-UL-DL-FR	adxj	batp					0		
	UB-UL-DL-BD	adxs	batr					0		0
	UB-UL-DL-RD	adxo	bats					0		P
	UB-UL-DL-DB	adxw	batu					0		0
	UB-UL-DB-UR	adwb	bauc					0		
	UB-UL-DB-DF	adwu	baud					0		0
	UB-UL-DB-RU	adwm	baug					0		
	UB-UL-DB-FL	adwl	baui					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		
UB-UL-DB-LB	adwh	bauk					0			
UB-UL-DB-BL	adwr	baul					0			
UB-UL-DB-BR	adwt	baum					0			
UB-UL-DB-RB	adwn	baun					0			
UB-UL-DB-RF	adwp	bauo					0			
UB-UL-DB-LD	adwg	bauq					0			
UB-UL-DB-RD	adwo	baus					0			
UB-UL-DB-DR	adwv	bauv					0			
UB-UL-DR-UR	advb	bavc					0			
UB-UL-DR-DF	advu	bavd					0		L	
UB-UL-DR-RU	advm	bavg					0			
UB-UL-DR-FU	advi	bavh					0		A	
UB-UL-DR-FL	advl	bavi					0			
UB-UL-DR-LF	advf	bavj					0			
UB-UL-DR-LB	advh	bavk					0		F	
UB-UL-DR-BL	advr	bavl					0			
UB-UL-DR-BR	advt	bavm					0			
UB-UL-DR-RB	advn	bavn					0		F	
UB-UL-DR-LD	advg	bavq					0			
UB-UL-DR-BD	advs	bavr					0		L	
UB-UL-DR-DL	advx	bavt					0			
UB-UL-DR-DB	advw	bavu					0		F	

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	UB-UR-UL-FU	abdi	bcah				0			
	UB-UR-UL-FL	abdI	bcai				0			
	UB-UR-UL-LF	abdf	bcaj	owao bvbo ao	M2 F' U M2 U' F U' M2 U M2		10			
	UB-UR-UL-BR	abdt	bcam				0			
	UB-UR-UL-RF	abdp	bcao				0			A
	UB-UR-UL-LD	abdg	bcaq				0			
	UB-UR-UL-BD	abds	bcar				0			
	UB-UR-UL-RD	abdo	bcas				0			O
	UB-UR-UL-DL	abdx	bcat				0			
	UB-UR-UL-DB	abdw	bcau	mcnb mcna	M U2 M' U' M U2 M' U		8			
	UB-UR-UL-DR	abdv	bcav				0			A
	UB-UR-DF-UL	abud	bcda				0			
	UB-UR-DF-FL	abul	bcdi				0			
	UB-UR-DF-LF	abuf	bcdj				0			
	UB-UR-DF-BR	abut	bcdm				0			
	UB-UR-DF-RB	abun	bcdn				0			
	UB-UR-DF-RF	abup	bcdo				0			
	UB-UR-DF-FR	abuj	bcdp				0			
	UB-UR-DF-DL	abux	bcdt				0			
	UB-UR-DF-DB	abuw	bcdu				0			
	UB-UR-LU-DF	abeu	bced				0			
	UB-UR-LU-FU	abei	bceh				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		
UB-UR-LU-FL	abel		bcei					0		
UB-UR-LU-LF	abef		bcej					0		
UB-UR-LU-BL	aber		bcel					0		
UB-UR-LU-BR	abet		bcem					0		
UB-UR-LU-RB	aben		bcen					0		
UB-UR-LU-RF	abep		bceo					0		
UB-UR-LU-FR	abej		bcep					0		
UB-UR-LU-LD	abeg		bceq					0		
UB-UR-LU-BD	abes		bcer					0		P
UB-UR-LU-RD	abeo		bces					0		L
UB-UR-LU-DL	abex		bcet					0		
UB-UR-LU-DR	abev		bcev					0		
UB-UR-BU-FR	abqj		bcfp					0		
UB-UR-BU-DL	abqx		bcft					0		O
UB-UR-RU-RD	abmo		bcgs					0		
UB-UR-FU-UL	abid		bcha					0		P
UB-UR-FU-LU	abie		bche					0		P
UB-UR-FU-FL	abil		bchi					0		P
UB-UR-FU-LF	abif		bchj					0		
UB-UR-FU-LB	abih		bchk					0		
UB-UR-FU-BL	abir		bchl					0		A
UB-UR-FU-RF	abip		bcho					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-UR-FU-LD	abig	bchq				0			
	UB-UR-FU-RD	abio	bchs				0			
	UB-UR-FU-DL	abix	bcht				0			
	UB-UR-FU-DB	abiw	bchu				0			
	UB-UR-FU-DR	abiv	bchv				0			
	UB-UR-FL-UL	abld	bcia				0		C	
	UB-UR-FL-DF	ablu	bcid				0			
	UB-UR-FL-BL	ablrl	bcil				0			
	UB-UR-FL-BR	ablt	bcim				0			
	UB-UR-FL-RB	abln	bcin				0		A	
	UB-UR-FL-FR	ablj	bcip				0			
	UB-UR-FL-BD	abls	bcir				0			
	UB-UR-FL-RD	ablo	bcis	bgth asag shbt	U' L S' L' U S U L S L' U' S'		12		O	
	UB-UR-FL-DR	ablv	bciv				0			
	UB-UR-LF-LU	abfe	bcje				0			
	UB-UR-LF-FU	abfi	bcjh				0			
	UB-UR-LF-LB	abfh	bcjk				0			
	UB-UR-LF-BL	abfr	bcjl				0		A	
	UB-UR-LF-BR	abft	bcjm				0			
	UB-UR-LF-RB	abfn	bcjn	awka wmvn bjvb	U F' R' U F' M F M' U' R F U'		12			
	UB-UR-LF-RF	abfp	bcjo				0			
	UB-UR-LF-FR	abfj	bcjp				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-UR-LF-LD	abfg	bcjq				0			
	UB-UR-LF-BD	abfs	bcjr				0			
	UB-UR-LF-DL	abfx	bcjt				0			
	UB-UR-LF-DB	abfw	bcju				0			
	UB-UR-LF-DR	abfv	bcjv				0			
	UB-UR-LB-LU	abhe	bcke				0		A	
	UB-UR-LB-FU	abhi	bckh				0		L	
	UB-UR-LB-FL	abhl	bcki				0		A	
	UB-UR-LB-LF	abhf	bckj				0			
	UB-UR-LB-RB	abhn	bckn				0			
	UB-UR-LB-RF	abhp	bcko				0			
	UB-UR-LB-FR	abhj	bckp				0			
	UB-UR-LB-RD	abho	bcks				0			
	UB-UR-LB-DR	abhv	bckv				0		O	
	UB-UR-BL-UL	abrd	bcla				0			
	UB-UR-BL-FU	abri	bclh				0			
	UB-UR-BL-BR	abrt	bclm				0			
	UB-UR-BL-RB	abrn	bcln				0		A	
	UB-UR-BL-RF	abrp	bclo				0			
	UB-UR-BL-FR	abrj	bclp				0			
	UB-UR-BL-LD	abrg	bclq	bjqj tlbs jpkc	U' R E' R S' R2 U' S R E R' U2		12			
	UB-UR-BL-BD	abrs	bclr				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
	UB-UR-BL-DL	abrx	bclt	lbht ithu al	R2 U' L' S' L2 S' L' S2 U R2		10			
	UB-UR-BL-DB	abrw	bclu				0			
	UB-UR-BL-DR	abrv	bclv				0		F	
	UB-UR-BR-UL	abtd	bcma				0			
	UB-UR-BR-DF	abtu	bcmd				0			
	UB-UR-BR-LU	abte	bcme				0			
	UB-UR-BR-FU	abti	bcmh				0			
	UB-UR-BR-LB	abth	bcmk				0			
	UB-UR-BR-BL	abtr	bcml				0		O	
	UB-UR-BR-FR	abtj	bcmp	tksb tktj cubj	S' R' S U' S' R' S' R U2 S2 U' R		12			
	UB-UR-BR-LD	abtg	bcmq				0			
	UB-UR-BR-RD	abto	bcms	ahph sibt hqg	U L' E L' S L2 U' S' L' E' L		11			
	UB-UR-BR-DL	abtx	bcmt				0			
	UB-UR-BR-DB	abtw	bcmu				0			
	UB-UR-BR-DR	abtv	bcmv				0		A	
	UB-UR-RB-UL	abnd	bcna				0		A	
	UB-UR-RB-LU	abne	bcne				0			
	UB-UR-RB-BU	abnq	bcnf				0			
	UB-UR-RB-FL	abnl	bcni				0			
	UB-UR-RB-LF	abnf	bcnj				0			
	UB-UR-RB-LB	abnh	bcnk				0			
	UB-UR-RB-BL	abnr	bcnl				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		
UB-UR-RB-RF	abnp		bcno					0		
UB-UR-RB-FR	abnj		bcnp					0		
UB-UR-RB-LD	abng		bcnq					0		
UB-UR-RB-DL	abnx		bcnt					0		
UB-UR-RB-DB	abnw		bcnu					0		
UB-UR-RB-DR	abnv		bcnv					0		
UB-UR-RF-UL	abpd		bcoa					0		
UB-UR-RF-DF	abpu		bcod					0		
UB-UR-RF-LU	abpe		bcoe					0		
UB-UR-RF-FL	abpl		bcoi					0		0
UB-UR-RF-LF	abpf		bcoj					0		
UB-UR-RF-BL	abpr		bcol					0		
UB-UR-RF-RB	abpn		bcon					0		
UB-UR-RF-LD	abpg		bcoq					0		
UB-UR-RF-BD	abps		bcor					0		
UB-UR-RF-RD	abpo		bcos					0		
UB-UR-RF-DL	abpx		bcot					0		
UB-UR-RF-DB	abpw		bcou					0		
UB-UR-RF-DR	abpv		bcov					0		0
UB-UR-FR-UL	abjd		bcpa					0		
UB-UR-FR-DF	abju		bcpd					0		
UB-UR-FR-LU	abje		bcpe					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		
UB-UR-FR-FU	abji	bcph					0			
UB-UR-FR-FL	abjl	bcpi					0			
UB-UR-FR-LF	abjf	bcpj					0			
UB-UR-FR-LB	abjh	bcpk					0			
UB-UR-FR-BL	abjr	bcpl					0		L	
UB-UR-FR-BR	abjt	bcpm					0		O	
UB-UR-FR-RB	abjn	bcpn					0		A	
UB-UR-FR-LD	abjg	bcpq					0		O	
UB-UR-FR-BD	abjs	bcpr					0			
UB-UR-FR-RD	abjo	bcps					0			
UB-UR-FR-DL	abjx	bcpt					0			
UB-UR-FR-DB	abjw	bcpu					0			
UB-UR-LD-UL	abgd	bcqa					0			
UB-UR-LD-DF	abgu	bcqd					0			
UB-UR-LD-LU	abge	bcqe					0			
UB-UR-LD-FU	abgi	bcqh					0		O	
UB-UR-LD-FL	abgl	bcqi					0			
UB-UR-LD-LF	abgf	bcqj					0			
UB-UR-LD-BR	abgt	bcqm					0			
UB-UR-LD-RB	abgn	bcqn					0			
UB-UR-LD-BD	abgs	bcqr					0			
UB-UR-LD-RD	abgo	bcqs					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		
UB-UR-LD-DB	abgw	bcqu					0			
UB-UR-BD-UL	absd	bcra					0			
UB-UR-BD-DF	absu	bcrd					0			
UB-UR-BD-LU	abse	bcre					0			
UB-UR-BD-FU	absi	bcrh					0			
UB-UR-BD-FL	absl	bcri					0			
UB-UR-BD-LF	absf	bcrj					0			
UB-UR-BD-LB	absh	bcrk					0			
UB-UR-BD-BL	absr	bcrl					0		A	
UB-UR-BD-BR	abst	bcrm					0			
UB-UR-BD-RF	absp	bcro					0		O	
UB-UR-BD-FR	absj	bcrp					0			
UB-UR-BD-LD	absg	bcrq					0			
UB-UR-BD-RD	abso	bcrs					0		C	
UB-UR-BD-DL	absx	bcrt					0			
UB-UR-BD-DR	absv	bcrv					0			
UB-UR-RD-UL	abod	bcsa					0			
UB-UR-RD-DF	abou	bcsd					0		F	
UB-UR-RD-LU	aboe	bcse					0		A	
UB-UR-RD-FU	aboi	bcsh					0			
UB-UR-RD-LB	aboh	bcsk					0			
UB-UR-RD-BL	abor	bcsl					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		
UB-UR-RD-BR	abot	bcsm					0			
UB-UR-RD-RB	abon	bcsn					0			
UB-UR-RD-DL	abox	bcst					0			
UB-UR-DL-UL	abxd	bcta					0		A	
UB-UR-DL-LU	abxe	bcte					0		A	
UB-UR-DL-FU	abxi	bcth					0			
UB-UR-DL-FL	abxl	bcti					0		A	
UB-UR-DL-LF	abxf	bctj					0			
UB-UR-DL-LB	abxh	bctk					0		O	
UB-UR-DL-BL	abxr	bctl					0			
UB-UR-DL-BR	abxt	bctm					0			
UB-UR-DL-RB	abxn	bctn					0			
UB-UR-DL-RF	abxp	bcto					0		A	
UB-UR-DL-FR	abxj	bctp					0			
UB-UR-DL-BD	abxs	bctr					0		O	
UB-UR-DL-RD	abxo	bcts					0		O	
UB-UR-DL-DB	abxw	bctu					0			
UB-UR-DL-DR	abxv	bctv					0			
UB-UR-DB-UL	abwd	bcua					0			
UB-UR-DB-LU	abwe	bcue					0			
UB-UR-DB-RU	abwm	bcug					0			
UB-UR-DB-FL	abwl	bcui					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		
	UB-UR-DB-LB	abwh	bcuk					0		
	UB-UR-DB-BL	abwr	bcul					0		
	UB-UR-DB-RB	abwn	bcun					0		
	UB-UR-DB-LD	abwg	bcuq					0		
	UB-UR-DB-RD	abwo	bcus					0		
	UB-UR-DB-DL	abwx	bcut					0		
	UB-UR-DR-UL	abvd	bcva					0		
	UB-UR-DR-DF	abvu	bcvd					0		
	UB-UR-DR-LU	abve	bcve					0		
	UB-UR-DR-LF	abvf	bcvj					0		
	UB-UR-DR-LB	abvh	bcvk					0		
	UB-UR-DR-BL	abvr	bcvl					0		
	UB-UR-DR-BR	abvt	bcvm					0		
	UB-UR-DR-RB	abvn	bcvn					0		
	UB-UR-DR-FR	abvj	bcvp					0		
	UB-UR-DR-LD	abvg	bcvq					0		
	UB-UR-DR-DB	abvw	bcvu					0		
	UB-DF-UL-UR	audb	bdac	ancm bncm	U M' U2 M U' M' U2 M			8		
	UB-DF-UL-RU	audm	bdag					0		
	UB-DF-UL-FL	audl	bdai					0		A
	UB-DF-UL-LF	audf	bdaj					0		
	UB-DF-UL-BL	audr	bdal					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
	UB-DF-UL-BR	audt	bdam				0		0	
	UB-DF-UL-RB	audn	bdan				0		0	
	UB-DF-UL-FR	audj	bdap				0			
	UB-DF-UL-LD	audg	bdaq				0		P	
	UB-DF-UL-RD	audio	bdas				0		F	
	UB-DF-UL-DL	audx	bdat				0		A	
	UB-DF-UL-DR	audv	bdav				0		A	
	UB-DF-UR-UL	aubd	bdca	bncm ancm	U' M' U2 M U M' U2 M		8		O	
	UB-DF-UR-LD	aubg	bdcq				0			
	UB-DF-UR-BD	aubs	bdcr				0		O	
	UB-DF-UR-RD	aubo	bdcs				0		P	
	UB-DF-UR-DL	aubx	bdct				0		A	
	UB-DF-UR-DR	aubv	bdcv				0			
	UB-DF-LU-UR	aueb	bdec				0			
	UB-DF-LU-BL	auer	bdel				0			
	UB-DF-LU-RB	auen	bden				0		P	
	UB-DF-LU-DB	auew	bdeu	manc nam	M U M' U2 M' U M		7			
	UB-DF-BU-UR	auqb	bdfc				0			
	UB-DF-BU-RU	auqm	bdfg				0		C	
	UB-DF-BU-FL	auql	bdfi				0			
	UB-DF-BU-LF	auqf	bdfj				0		O	
	UB-DF-BU-FR	auqj	bdfp				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		
	UB-DF-RU-UL	aumd	bdga					0		
	UB-DF-RU-UR	aumb	bdgc					0		O
	UB-DF-RU-LF	aumf	bdgj					0		P
	UB-DF-RU-BR	aumt	bdgm					0		
	UB-DF-RU-RB	aumn	bdgn					0		O
	UB-DF-RU-RF	aump	bdgo					0		
	UB-DF-RU-LD	aumg	bdgq					0		P
	UB-DF-RU-BD	aums	bdgr					0		
	UB-DF-RU-DB	aumw	bdgu	mbnc nbm	M U' M' U2 M' U' M			7		O
	UB-DF-RU-DR	aumv	bdgv					0		O
	UB-DF-FU-UL	auid	bdha					0		O
	UB-DF-FU-UR	auib	bdhc					0		A
	UB-DF-FU-RU	auim	bdhg					0		
	UB-DF-FU-DL	auix	bdht					0		A
	UB-DF-FL-UL	auld	bdia					0		A
	UB-DF-FL-UR	aulb	bdic					0		
	UB-DF-FL-LU	aule	bdie					0		
	UB-DF-FL-BU	aulq	bdif					0		
	UB-DF-FL-RU	aulm	bdig					0		
	UB-DF-FL-BL	aulr	bdil					0		
	UB-DF-FL-BR	ault	bdim					0		
	UB-DF-FL-FR	aulj	bdip					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		
UB-DF-FL-LD	aulg		bdiq				0			
UB-DF-FL-BD	auls		bdir				0			A
UB-DF-FL-DB	aulw		bdiu				0			
UB-DF-LF-UL	aufd		bdja				0			A
UB-DF-LF-UR	aufb		bdjc				0			
UB-DF-LF-LU	aufe		bdje				0			
UB-DF-LF-BL	aufr		bdjl				0			
UB-DF-LF-BR	auft		bdjm				0			A
UB-DF-LF-RB	aufn		bdjn				0			
UB-DF-LF-RF	aufp		bdjo				0			A
UB-DF-LF-LD	aufg		bdjq				0			
UB-DF-LF-BD	aufs		bdjr				0			
UB-DF-LF-RD	aupo		bdjs				0			
UB-DF-LF-DL	aufx		bdjt				0			
UB-DF-LF-DB	aufw		bdju				0			
UB-DF-LF-DR	aufv		bdjv				0			
UB-DF-LB-UL	auhd		bdka				0			O
UB-DF-LB-UR	auhb		bdkc				0			
UB-DF-LB-RU	auhm		bdkg				0			
UB-DF-LB-BR	auht		bdkm				0			A
UB-DF-LB-RD	auho		bdkn				0			
UB-DF-LB-DL	auhx		bdkt				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		
UB-DF-LB-DR	auhv		bdkv				0			
UB-DF-BL-UL	aurd		bdla				0			A
UB-DF-BL-UR	aurb		bdlc				0			
UB-DF-BL-LU	aure		bdle				0			A
UB-DF-BL-BR	aurt		bdlm				0			O
UB-DF-BL-DL	aurx		bdlt				0			
UB-DF-BL-DB	aurw		bdlu				0			
UB-DF-BR-UL	autd		bdma				0			O
UB-DF-BR-UR	autb		bdmc				0			F
UB-DF-BR-LU	aute		bdme				0			O
UB-DF-BR-RU	autm		bdmg				0			
UB-DF-BR-FL	autl		bdmi				0			
UB-DF-BR-LF	autf		bdmj				0			
UB-DF-BR-BL	autr		bdml				0			
UB-DF-BR-BD	auts		bdmr				0			
UB-DF-BR-RD	auto		bdms				0			
UB-DF-BR-DR	autv		bdmv				0			A
UB-DF-RB-UR	aunb		bdnc				0			
UB-DF-RB-FL	aunl		bdni				0			
UB-DF-RB-LF	aunf		bdnj				0			P
UB-DF-RB-BL	aunr		bdnl				0			
UB-DF-RB-LD	aung		bdnq				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		
UB-DF-RB-RD	auno		bdns				0			
UB-DF-RB-DL	aunx		bdnt				0		0	
UB-DF-RB-DR	aunv		bdnv				0			
UB-DF-RF-FL	aupl		bdoi				0			
UB-DF-RF-LF	aupf		bdoj				0			
UB-DF-RF-LB	auph		bdok				0			
UB-DF-RF-BD	aups		bdor				0		F	
UB-DF-FR-UR	aujb		bdpc				0		0	
UB-DF-FR-FL	aujl		bdpi				0		0	
UB-DF-FR-LF	aujf		bdpj				0		0	
UB-DF-FR-LB	aujh		bdpk				0			
UB-DF-FR-BR	aujt		bdpm				0			
UB-DF-FR-RB	aujn		bdpn				0		F	
UB-DF-FR-LD	aujg		bdpq				0			
UB-DF-FR-BD	aujs		bdpr				0			
UB-DF-FR-DB	aujw		bdpu				0			
UB-DF-LD-UL	augd		bdqa				0			
UB-DF-LD-RU	augm		bdqq				0			
UB-DF-LD-LF	augf		bdqj				0			
UB-DF-LD-LB	augh		bdqk				0			
UB-DF-LD-BL	augr		bdql				0			
UB-DF-LD-BR	augt		bdqm				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		
UB-DF-LD-BD	augs		bdqr				0			
UB-DF-LD-RD	augo		bdqs				0			
UB-DF-LD-DB	augw		bdqu				0		0	
UB-DF-BD-RU	ausm		bdrv				0		0	
UB-DF-BD-FL	ausl		bdri				0		C	
UB-DF-BD-LF	ausf		bdrj				0			
UB-DF-BD-BL	ausr		bdrl				0		0	
UB-DF-BD-RB	ausn		bdrn				0			
UB-DF-BD-RD	auso		bdrs				0		A	
UB-DF-RD-UL	auod		bdsa				0			
UB-DF-RD-LU	auoe		bdse				0			
UB-DF-RD-LB	auoh		bdsk				0			
UB-DF-RD-BL	auor		bdsi				0			
UB-DF-RD-BR	auot		bdsm				0			
UB-DF-RD-RF	auop		bdso				0		0	
UB-DF-RD-LD	auog		bdsq				0			
UB-DF-DL-LU	auxe		bdte				0		0	
UB-DF-DL-LF	auxf		bdtj				0			
UB-DF-DL-LB	auxh		bdtk				0			
UB-DF-DL-BR	auxt		bdtm				0		A	
UB-DF-DL-RB	auxn		bdtv				0			
UB-DF-DL-RD	auxo		bdtv				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
	UB-DF-DL-DB	auxw	bdtu				0			
	UB-DF-DL-DR	auxv	bdtv				0			
	UB-DF-DB-UR	auwb	bd uc				0			
	UB-DF-DB-LU	auwe	bd ue				0			
	UB-DF-DB-RU	auwm	bd ug				0			
	UB-DF-DB-LB	auwh	bd uk				0		0	
	UB-DF-DB-BL	auwr	bd ul				0			
	UB-DF-DB-BR	auwt	bd um				0			
	UB-DF-DB-RB	auwn	bd un				0		A	
	UB-DF-DB-RF	auwp	bd uo				0			
	UB-DF-DB-FR	auwj	bd up	ajao bkbo	U R U M2 U' R' U' M2		8			
	UB-DF-DB-DL	auwx	bd ut				0			
	UB-DF-DB-DR	auvv	bd uv				0			
	UB-DF-DR-UL	auvd	bd va	lb lx lb lx	R2 U' R2 F2 R2 U' R2 F2		8			
	UB-DF-DR-UR	auvb	bd vc				0		0	
	UB-DF-DR-LF	auvf	bd vj				0			
	UB-DF-DR-BL	auvr	bd vl				0			
	UB-DF-DR-FR	auvj	bd vp				0			
	UB-LU-UL-BR	aedt	beam				0		0	
	UB-LU-UL-RB	aedn	bean				0		0	
	UB-LU-UL-BD	aeds	bear				0		0	
	UB-LU-UL-RD	aedo	beas				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
	UB-LU-UL-DL	aedx	beat				0		O	
	UB-LU-UL-DB	aedw	beau				0		L	
	UB-LU-UR-FU	aebi	bech				0		C	
	UB-LU-UR-LF	aebf	becj				0			
	UB-LU-UR-LB	aebh	beck				0			
	UB-LU-UR-BL	aebr	becl				0			
	UB-LU-UR-BR	aebt	becm				0		A	
	UB-LU-UR-RB	aebn	becn				0		F	
	UB-LU-UR-RF	aebp	beco				0			
	UB-LU-UR-FR	aebj	becp				0			
	UB-LU-UR-LD	aebg	becq				0			
	UB-LU-UR-BD	aebs	becr				0			
	UB-LU-UR-RD	aebo	becs				0		A	
	UB-LU-UR-DB	aebw	becu				0			
	UB-LU-UR-DR	aebv	becv				0		P	
	UB-LU-DF-UR	aeub	bedc				0		F	
	UB-LU-DF-RU	aeum	bedg	ocma oan	M2 U2 M U M2 U M'		7		F	
	UB-LU-DF-BL	aeur	bedl				0			
	UB-LU-DF-BR	aeut	bedm				0		F	
	UB-LU-DF-RB	aeun	bedn				0		A	
	UB-LU-DF-RF	aeup	bedo				0			
	UB-LU-DF-FR	aeuj	bedp				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		
UB-LU-DF-LD	aεug		bedq					0		
UB-LU-DF-RD	aεuo		beds					0		
UB-LU-DF-DL	aεux		bedt					0		P
UB-LU-DF-DR	aεuv		bedv					0		
UB-LU-BU-LF	aεqf		befj					0		
UB-LU-BU-RF	aεqp		befo					0		A
UB-LU-BU-FR	aεqj		befp					0		
UB-LU-BU-RD	aεqo		befs					0		
UB-LU-BU-DR	aεqv		befv					0		O
UB-LU-RU-UL	aεmd		bega					0		
UB-LU-RU-DF	aεmu		begd					0		F
UB-LU-RU-BU	aεmq		begf					0		A
UB-LU-RU-FU	aεmi		begh					0		
UB-LU-RU-FL	aεml		begi					0		A
UB-LU-RU-LF	aεmf		begj					0		
UB-LU-RU-LB	aεmh		begk					0		
UB-LU-RU-BL	aεmr		begl					0		O
UB-LU-RU-BR	aεmt		begm					0		C
UB-LU-RU-RB	aεmn		begn					0		A
UB-LU-RU-RF	aεmp		bego					0		
UB-LU-RU-FR	aεmj		begp					0		
UB-LU-RU-LD	aεmg		begq					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
UB-LU-RU-BD	aems	begr					0			
UB-LU-RU-RD	aemo	begs					0			A
UB-LU-RU-DL	aemx	begt					0			
UB-LU-RU-DB	aemw	begu					0			
UB-LU-FU-UR	aeib	behc					0			
UB-LU-FU-RU	aeim	behg					0			
UB-LU-FU-FL	aeil	behi					0			
UB-LU-FU-LB	aeih	behk					0			L
UB-LU-FU-BR	aeit	behm					0			
UB-LU-FU-RB	aein	behn					0			P
UB-LU-FU-RF	aeip	beho					0			
UB-LU-FU-FR	aeij	behp					0			
UB-LU-FU-BD	aeis	behr					0			
UB-LU-FU-DL	aeix	beht					0			O
UB-LU-FU-DB	aeiw	behu					0			A
UB-LU-FU-DR	aeiv	behv					0			O
UB-LU-FL-UR	aelb	beic					0			
UB-LU-FL-DF	aelu	beid					0			
UB-LU-FL-BU	aelq	beif					0			O
UB-LU-FL-RU	aelm	beig					0			C
UB-LU-FL-LB	aelh	beik					0			O
UB-LU-FL-BR	aelt	beim					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
UB-LU-FL-RB	aeln		bein					0		
UB-LU-FL-RF	aelp		beio					0		
UB-LU-FL-FR	aelj		beip					0		
UB-LU-FL-LD	aelg		beiq					0		
UB-LU-FL-BD	aels		beir					0		
UB-LU-FL-RD	aelo		beis					0		L
UB-LU-FL-DL	aelx		beit					0		
UB-LU-FL-DB	aelw		beiu					0		
UB-LU-FL-DR	aelv		beiv					0		
UB-LU-LF-DF	aefu		bejd					0		
UB-LU-LF-RU	aefm		bejg					0		
UB-LU-LF-BL	aefr		bejl					0		
UB-LU-LF-BR	aeft		bejm					0		
UB-LU-LF-RB	aefn		bejn					0		
UB-LU-LF-RF	aefp		bejo					0		O
UB-LU-LF-FR	aefj		bejp					0		A
UB-LU-LF-LD	aefg		bejq					0		
UB-LU-LF-BD	aefs		bejr					0		
UB-LU-LF-RD	aefo		bejs					0		
UB-LU-LF-DL	aefx		bejt					0		
UB-LU-LF-DB	aefw		beju					0		
UB-LU-LF-DR	aefv		bejv					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		
UB-LU-LB-UR	aehb	bekc					0			F
UB-LU-LB-DF	aehu	bekd					0			A
UB-LU-LB-BU	aehq	bekf					0			O
UB-LU-LB-RU	aehm	bekg					0			O
UB-LU-LB-FU	aehi	bekh					0			
UB-LU-LB-FL	aehl	beki					0			P
UB-LU-LB-LF	aehf	bekj					0			
UB-LU-LB-BR	aeht	bekm					0			P
UB-LU-LB-RB	aehn	bekn					0			O
UB-LU-LB-RF	aehp	beko					0			
UB-LU-LB-LD	aehg	bekq					0			
UB-LU-LB-BD	aehs	bekr					0			F
UB-LU-LB-RD	aeho	beks					0			
UB-LU-LB-DL	aehx	bekt					0			
UB-LU-LB-DB	aehw	beku					0			
UB-LU-BL-UL	aerd	bela					0			L
UB-LU-BL-DF	aeru	beld					0			
UB-LU-BL-BU	aerq	belf					0			
UB-LU-BL-RU	aerm	belg					0			C
UB-LU-BL-FU	aeri	belh					0			
UB-LU-BL-FL	aerl	beli					0			O
UB-LU-BL-LF	aerf	belj					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		L
UB-LU-BL-BR	aert		belm				0			O
UB-LU-BL-RB	aern		beln				0			F
UB-LU-BL-RF	aerp		belo				0			P
UB-LU-BL-BD	aers		belr				0			O
UB-LU-BL-RD	aero		bels				0			O
UB-LU-BL-DL	aerx		belt				0			O
UB-LU-BL-DB	aerw		belu				0			O
UB-LU-BL-DR	aerv		belv				0			F
UB-LU-BR-UR	aetb		bemc				0			A
UB-LU-BR-DF	aetu		bemd				0			
UB-LU-BR-FL	aetl		bemi				0			
UB-LU-BR-LF	aetf		bemj				0			
UB-LU-BR-LB	aeth		bemk				0			
UB-LU-BR-BL	aetr		beml				0			C
UB-LU-BR-RF	aetp		bemo				0			
UB-LU-BR-FR	aetj		bemp				0			
UB-LU-BR-DL	aetx		bemt				0			
UB-LU-BR-DB	aetw		bemu				0			
UB-LU-BR-DR	aetv		bemv				0			
UB-LU-RB-UR	aenb		benc				0			A
UB-LU-RB-DF	aenu		bend				0			A
UB-LU-RB-RU	aenm		beng				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
	UB-LU-RB-FU	aeni	benh				0			F
	UB-LU-RB-FL	aenl	beni				0			P
	UB-LU-RB-LF	aenf	benj				0			O
	UB-LU-RB-LB	aenh	benk				0			O
	UB-LU-RB-RF	aenp	beno				0			F
	UB-LU-RB-FR	aenj	benp				0			O
	UB-LU-RB-LD	aeng	benq	jtat ftaf tck	R S' U S' D2 S' U D2 S' U2 R'		11			O
	UB-LU-RB-BD	aens	benr				0			
	UB-LU-RB-RD	aeno	bens				0			
	UB-LU-RB-DL	aenx	bent				0			A
	UB-LU-RB-DB	aenw	benu				0			A
	UB-LU-RF-UR	aepb	beoc				0			
	UB-LU-RF-DF	aepu	beod				0			
	UB-LU-RF-RU	aepm	beog				0			
	UB-LU-RF-FU	aepi	beoh				0			
	UB-LU-RF-FL	aapl	beoi				0			
	UB-LU-RF-LF	aepf	beoj				0			
	UB-LU-RF-LB	aeph	beok				0			F
	UB-LU-RF-BL	aepr	beol				0			A
	UB-LU-RF-BR	aapt	beom				0			
	UB-LU-RF-RB	aepn	beon				0			A
	UB-LU-RF-LD	aepg	beoq				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		
UB-LU-RF-BD	aeps		beor				0			
UB-LU-RF-DL	aepx		beot				0			
UB-LU-RF-DB	aepw		beou				0			
UB-LU-FR-DF	aeju		bepd				0			
UB-LU-FR-RU	aejm		bepg				0		A	
UB-LU-FR-FU	aeji		beph				0		O	
UB-LU-FR-FL	aejl		bepi				0			
UB-LU-FR-BL	aejr		bепl				0		P	
UB-LU-FR-BR	aejt		bepm				0		A	
UB-LU-FR-RB	aejn		bepn				0			
UB-LU-FR-LD	aejg		bepq				0			
UB-LU-FR-BD	aejs		brepr				0			
UB-LU-FR-RD	aejo		beps				0		A	
UB-LU-FR-DL	aejx		bept				0			
UB-LU-FR-DB	aejw		bepu				0			
UB-LU-FR-DR	aejv		bepv				0			
UB-LU-LD-UR	aegb		beqc				0			
UB-LU-LD-DF	aegu		beqd				0		O	
UB-LU-LD-BU	aegq		beqf				0			
UB-LU-LD-RU	aegm		beqg				0			
UB-LU-LD-FU	aegi		beqh				0			
UB-LU-LD-FL	aegl		beqi				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
	UB-LU-LD-LF	aegf	beqj				0			
	UB-LU-LD-LB	aegh	beqk				0			A
	UB-LU-LD-BL	aegr	beql				0			
	UB-LU-LD-BR	aegt	beqm				0			
	UB-LU-LD-RB	aegn	beqn				0			
	UB-LU-LD-RF	aegp	beqo				0			L
	UB-LU-LD-FR	aegj	beqp	kaub sjbj ska	R' U S2 U' S R U' R S R' U		11			
	UB-LU-LD-BD	aegs	beqr				0			
	UB-LU-LD-RD	aego	beqs				0			
	UB-LU-LD-DR	aegv	beqv				0			
	UB-LU-BD-UL	aesd	bera				0			
	UB-LU-BD-UR	aesb	berc				0			P
	UB-LU-BD-DF	aesu	berd				0			A
	UB-LU-BD-BU	aesq	berf				0			
	UB-LU-BD-RU	aesm	berg				0			P
	UB-LU-BD-FU	aesi	berh				0			O
	UB-LU-BD-FL	aesl	beri				0			O
	UB-LU-BD-LF	aesf	berj				0			
	UB-LU-BD-LB	aesh	berk				0			L
	UB-LU-BD-BL	aesr	berl				0			
	UB-LU-BD-BR	aest	berm				0			
	UB-LU-BD-RB	aesn	bern				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-LU-BD-FR	aesj	berp				0			
	UB-LU-BD-LD	aesg	berq				0			
	UB-LU-BD-DL	aesx	bert				0			P
	UB-LU-BD-DR	aesv	berv				0			
	UB-LU-RD-UR	aeob	besc				0			A
	UB-LU-RD-DF	aeou	besd				0			P
	UB-LU-RD-RU	aeom	besg				0			
	UB-LU-RD-FU	aeoi	besh				0			
	UB-LU-RD-FL	aeol	besi				0			
	UB-LU-RD-LF	aeof	besj				0			P
	UB-LU-RD-LB	aeoh	besk				0			
	UB-LU-RD-BL	aeor	besl				0			
	UB-LU-RD-BR	aeot	besm				0			
	UB-LU-RD-RB	aeon	besn				0			O
	UB-LU-RD-RF	aeop	beso				0			A
	UB-LU-RD-FR	aeoj	besp				0			F
	UB-LU-RD-LD	aeog	besq				0			A
	UB-LU-RD-DL	aeox	best				0			F
	UB-LU-RD-DB	aeow	besu				0			A
	UB-LU-DL-UL	aexd	beta				0			P
	UB-LU-DL-DF	aexu	betd				0			A
	UB-LU-DL-RU	aexm	betg	emfo boa ne	D' M D2 M2 U' M2 U M' D'		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		P
	UB-LU-DL-FU	aexi	beth				0			P
	UB-LU-DL-FL	aexl	beti				0			P
	UB-LU-DL-LF	aexf	betj				0			O
	UB-LU-DL-LB	aexh	betk				0			O
	UB-LU-DL-BL	aexr	betl				0			O
	UB-LU-DL-BR	aext	betm				0			
	UB-LU-DL-RB	aexn	betn	akbj bsat kajb	U R' U' R U' S U S' R' U R U'		12			A
	UB-LU-DL-RF	aexp	beto				0			
	UB-LU-DL-BD	aexs	betr				0			F
	UB-LU-DL-RD	aexo	bets				0			
	UB-LU-DB-UR	aewb	beuc				0			
	UB-LU-DB-DF	aewu	beud				0			
	UB-LU-DB-RU	aewm	beug	nbob mco	M' U' M2 U' M U2 M2		7			C
	UB-LU-DB-LF	aewf	beuj				0			
	UB-LU-DB-LB	aewh	beuk				0			
	UB-LU-DB-BL	aewr	beul				0			
	UB-LU-DB-BR	aewt	beum				0			
	UB-LU-DB-RB	aewn	beun				0			
	UB-LU-DB-RF	aewp	beuo				0			
	UB-LU-DB-FR	aewj	beup				0			
	UB-LU-DB-LD	aewg	beuq				0			
	UB-LU-DB-RD	aewo	beus				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-LU-DB-DR	aewv	beuv				0			
	UB-LU-DR-UR	aevb	bevc				0		F	
	UB-LU-DR-DF	aevu	bevd				0			
	UB-LU-DR-RU	aevm	bevg				0		A	
	UB-LU-DR-FL	aevl	bevi				0		P	
	UB-LU-DR-LF	aevf	bevj				0		O	
	UB-LU-DR-LB	aevh	bevk				0			
	UB-LU-DR-BL	aevr	bevl				0		F	
	UB-LU-DR-RB	aevn	bevn				0			
	UB-LU-DR-FR	aevj	bevp				0			
	UB-LU-DR-LD	aevg	bevq				0		A	
	UB-LU-DR-BD	aevs	bevr				0		A	
	UB-LU-DR-DB	aevw	bevu				0			
	UB-LU-FD-UR	aekb	bexc	xnbm anbm ax	F2 M' U' M U M' U' M U F2		10			
	UB-BU-UL-RD	aqdo	bfas				0		L	
	UB-BU-UR-RF	aqbp	bfco				0		A	
	UB-BU-DF-BD	aqus	bfdr				0			
	UB-BU-LU-RB	aqen	bfen				0			
	UB-BU-LU-BD	aqes	bfer				0		O	
	UB-BU-FL-BD	aqls	bfir				0		L	
	UB-BU-LF-RD	aqfo	bfjs				0			
	UB-BU-BR-FL	aqtI	bfmi				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
UB-BU-BR-LD	aqtg		bfmq				0			0
UB-BU-BR-DL	aqtx		bfmt				0			0
UB-BU-RB-UL	aqnd		bfna				0			0
UB-BU-RF-BL	aqpr		bfol				0			0
UB-BU-FR-UL	aqjd		bfpa				0			
UB-BU-FR-BD	aqjs		bfpr				0			
UB-BU-FR-DL	aqjx		bfpt				0			0
UB-BU-LD-UR	aqgb		bfqc				0			
UB-BU-LD-DF	aqgu		bfqd				0			
UB-BU-BD-FU	aqsi		bfrh				0			
UB-BU-DL-UL	aqxd		bfta				0			C
UB-BU-DB-BR	aqwt		bfum				0			
UB-RU-UL-DF	amdu		bgad				0			
UB-RU-UL-FU	amdi		bgah				0			A
UB-RU-UL-FL	amdl		bgai				0			O
UB-RU-UL-LF	amdf		bgaj				0			P
UB-RU-UL-LB	amdh		bgak				0			
UB-RU-UL-BR	amdt		bgam				0			O
UB-RU-UL-RB	amdn		bgan				0			
UB-RU-UL-RF	amdp		bgao				0			
UB-RU-UL-FR	amdj		bgap				0			
UB-RU-UL-BD	amds		bgar				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
	UB-RU-UL-RD	amdo	bgas				0		0	
	UB-RU-UL-DL	amdx	bgat				0		0	
	UB-RU-UL-DR	amdv	bgav				0		0	
	UB-RU-UR-LU	ambe	bgce				0		0	
	UB-RU-DF-UL	amud	bgda				0		C	
	UB-RU-DF-LU	amue	bgde	ocmb obn	M2 U2 M U' M2 U' M'		7		F	
	UB-RU-DF-FL	amul	bgdi				0			
	UB-RU-DF-LF	amuf	bgdj	jbka mwnv bjak	R U' R' U M F' M' F U' R U R'		12			
	UB-RU-DF-BL	amur	bgdl				0			
	UB-RU-DF-BR	amut	bgdm				0		C	
	UB-RU-DF-RB	amun	bgdn				0		C	
	UB-RU-DF-RF	amup	bgdo				0			
	UB-RU-DF-LD	amug	bgdq				0		A	
	UB-RU-DF-RD	amuo	bgds				0			
	UB-RU-DF-DR	amuv	bgdv				0			
	UB-RU-LU-DF	ameu	bged				0		A	
	UB-RU-LU-FL	amel	bgei				0			
	UB-RU-LU-LF	amef	bgej				0		A	
	UB-RU-LU-LB	ameh	bgek				0			
	UB-RU-LU-BL	amer	bgel				0		O	
	UB-RU-LU-RF	amep	bgeo				0			
	UB-RU-LU-LD	ameg	bgeq				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
	UB-RU-LU-BD	ames	bger				0			A
	UB-RU-LU-DB	amew	bgeu				0			O
	UB-RU-LU-DR	amev	bgev				0			
	UB-RU-LU-FD	amek	bgex	nasa tbmb satb	M' U S U S' U' M U' S U S' U'		12			
	UB-RU-BU-UL	amqd	bgfa				0			
	UB-RU-BU-LB	amqh	bgfk				0			
	UB-RU-BU-LD	amqg	bgfq				0			O
	UB-RU-BU-RD	amqo	bgfs				0			
	UB-RU-BU-DL	amqx	bgft				0			O
	UB-RU-BU-DB	amqw	bgfu				0			
	UB-RU-FU-UL	amid	bgha				0			A
	UB-RU-FU-UR	amib	bghc				0			
	UB-RU-FU-LU	amie	bghe				0			P
	UB-RU-FU-BU	amiq	bghf				0			
	UB-RU-FU-FL	amil	bghi				0			
	UB-RU-FU-LF	amif	bghj				0			
	UB-RU-FU-BL	amir	bghl				0			
	UB-RU-FU-BR	amit	bghm				0			O
	UB-RU-FU-FR	amij	bghp				0			A
	UB-RU-FU-LD	amig	bghq				0			L
	UB-RU-FU-DL	amix	bght				0			C
	UB-RU-FU-DB	amiw	bghu				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
	UB-RU-FL-UL	amld	bgia				0			
	UB-RU-FL-BL	amlr	bgil				0			
	UB-RU-FL-RF	amlp	bgio				0			
	UB-RU-FL-LD	amlg	bgiq				0		0	
	UB-RU-FL-DR	amlv	bgiv				0		P	
	UB-RU-LF-LU	amfe	bgje				0			
	UB-RU-LF-FU	amfi	bgjh				0			
	UB-RU-LF-LB	amfh	bgjk	gcse ncmd th	L U2 S D' M' U2 M D S' L'		10		A	
	UB-RU-LF-RB	amfn	bgjn				0			
	UB-RU-LF-RF	amfp	bgjo				0			
	UB-RU-LF-BD	amfs	bgjr				0		0	
	UB-RU-LF-RD	amfo	bgjs	wknq vpnw jov	F' R' M' E' F E M' F' R M2 F		11		F	
	UB-RU-LF-DL	amfx	bgjt				0		0	
	UB-RU-LF-DB	amfw	bgju				0		0	
	UB-RU-LF-DR	amfv	bgjv				0			
	UB-RU-LB-UL	amhd	bgka				0			
	UB-RU-LB-UR	amhb	bgkc				0			
	UB-RU-LB-DF	amhu	bgkd				0		P	
	UB-RU-LB-LU	amhe	bgke				0		0	
	UB-RU-LB-FU	amhi	bgkh				0		P	
	UB-RU-LB-FL	amhl	bgki				0		0	
	UB-RU-LB-LF	amhf	bgkj				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
UB-RU-LB-BR	amht	bgkm					0			O
UB-RU-LB-RB	amhn	bgkn					0			O
UB-RU-LB-RF	amhp	bgko					0			A
UB-RU-LB-FR	amhj	bgkp					0			P
UB-RU-LB-LD	amhg	bgkq					0			O
UB-RU-LB-BD	amhs	bgkr					0			O
UB-RU-LB-RD	amho	bgks					0			A
UB-RU-LB-DL	amhx	bgkt					0			A
UB-RU-LB-DB	amhw	bgku					0			O
UB-RU-LB-DR	amhv	bgkv					0			
UB-RU-BL-UL	amrd	bgla					0			
UB-RU-BL-LU	amre	bgle					0			
UB-RU-BL-FL	amrl	bgli					0			A
UB-RU-BL-LF	amrf	bglij					0			F
UB-RU-BL-RB	amrn	bgln					0			
UB-RU-BL-RF	amrp	bglo					0			O
UB-RU-BL-FR	amrj	bglp					0			A
UB-RU-BL-LD	amrg	bgfq					0			A
UB-RU-BL-BD	amrs	bgfr					0			
UB-RU-BL-DL	amrx	bglt					0			
UB-RU-BL-DB	amrw	bglu					0			
UB-RU-BL-DR	amrv	bgfv					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
	UB-RU-BR-UL	amtd	bgma				0		L	
	UB-RU-BR-DF	amtu	bgmd				0		O	
	UB-RU-BR-LU	amte	bgme				0		F	
	UB-RU-BR-FU	amti	bgmh				0		O	
	UB-RU-BR-FL	amtI	bgmi				0		O	
	UB-RU-BR-LF	amtF	bgmj				0		F	
	UB-RU-BR-LB	amth	bgmk				0		A	
	UB-RU-BR-BL	amtr	bgml	mwrw awrv bxn	M F' E2 F' U F' E2 F U' F2 M'		11		C	
	UB-RU-BR-RF	amtp	bgmo				0		F	
	UB-RU-BR-FR	amtj	bgmp				0		O	
	UB-RU-BR-LD	amtg	bgmq				0			
	UB-RU-BR-BD	amts	bgmr				0			
	UB-RU-BR-RD	amto	bgms				0			
	UB-RU-BR-DL	amtX	bgmt				0		A	
	UB-RU-BR-DB	amtW	bgmu				0		O	
	UB-RU-RB-UL	amnd	bgna				0		P	
	UB-RU-RB-UR	amnb	bgnc				0			
	UB-RU-RB-LU	amne	bgne				0		O	
	UB-RU-RB-FL	amnl	bgni				0			
	UB-RU-RB-LB	amnh	bgnk				0			
	UB-RU-RB-BL	amnr	bgnl				0			
	UB-RU-RB-RF	amnp	bgno	lasa jbta jcic	R2 U S U R U' S' U R U2 R2 U2		12			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
UB-RU-RB-FR	amnj	bgnp					0			
UB-RU-RB-LD	amng	bgnq					0		0	
UB-RU-RB-BD	amns	bgnr					0			
UB-RU-RB-RD	ammo	bgns					0		A	
UB-RU-RB-DL	amnx	bgnt					0		0	
UB-RU-RB-DB	amnw	bgnu					0		0	
UB-RU-RB-DR	amnv	bgnv					0			
UB-RU-RF-DF	ampu	bgod					0		0	
UB-RU-RF-FL	ampl	bgoi					0			
UB-RU-RF-LF	ampf	bgoj					0			
UB-RU-RF-LB	amph	bgok					0			
UB-RU-RF-BL	ampr	bgol					0			
UB-RU-RF-BR	ampt	bgom					0			
UB-RU-RF-LD	ampg	bgoq					0			
UB-RU-RF-BD	amps	bgor					0			
UB-RU-RF-RD	ampo	bgos					0			
UB-RU-RF-DL	ampx	bgot					0			
UB-RU-RF-DB	ampw	bgou					0		0	
UB-RU-FR-UL	amjd	bgpa					0		0	
UB-RU-FR-LU	amje	bgpe					0			
UB-RU-FR-FL	amjl	bgpi					0		0	
UB-RU-FR-LF	amjf	bgpj					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
UB-RU-FR-LD	amjg	bgpq					0			
UB-RU-FR-BD	amjs	bgpr					0			
UB-RU-FR-RD	amjo	bgps					0			
UB-RU-FR-DL	amjx	bgpt					0		F	
UB-RU-FR-DB	amjw	bgpu					0			
UB-RU-FR-DR	amjv	bgpv					0			
UB-RU-LD-UL	amgd	bgqa					0			
UB-RU-LD-UB	amga	bgqb					0			
UB-RU-LD-DF	amgu	bgqd					0		C	
UB-RU-LD-LF	amgf	bgqj					0			
UB-RU-LD-BL	amgr	bgql					0			
UB-RU-LD-BR	amgt	bgqm					0			
UB-RU-LD-RB	amgn	bgqn					0			
UB-RU-LD-RF	amgp	bgqo					0		L	
UB-RU-LD-FR	amgj	bgqp					0			
UB-RU-LD-RD	amgo	bgqs					0		A	
UB-RU-LD-DR	amgv	bgqv					0			
UB-RU-BD-UL	amsd	bgra					0			
UB-RU-BD-UR	amsb	bgrc					0		O	
UB-RU-BD-LU	amse	bgre					0			
UB-RU-BD-BU	amsq	bgrf					0			
UB-RU-BD-FL	amsl	bgri					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		C
UB-RU-BD-LF	amsf		bgrj				0			O
UB-RU-BD-LB	amsh		bgrk				0			O
UB-RU-BD-BL	amsr		bgrl				0			O
UB-RU-BD-BR	amst		bgrm				0			P
UB-RU-BD-RB	amsn		bgrn				0			A
UB-RU-BD-RF	amps		bgro				0			
UB-RU-BD-FR	amsj		bgro				0			
UB-RU-BD-RD	amso		bgrs				0			
UB-RU-BD-DR	amsv		bgrv				0			
UB-RU-RD-UL	amod		bgsa				0			O
UB-RU-RD-UR	amob		bgsc				0			A
UB-RU-RD-LU	amo		bgse				0			A
UB-RU-RD-BU	amoq		bgsf				0			
UB-RU-RD-FU	amoi		bgsh				0			O
UB-RU-RD-FL	amol		bgsi				0			
UB-RU-RD-LF	amof		bgsj				0			
UB-RU-RD-LB	amoh		bgsk				0			O
UB-RU-RD-BL	amor		bgsl				0			
UB-RU-RD-BR	amot		bgsm				0			O
UB-RU-RD-RB	amon		bgsn				0			
UB-RU-RD-RF	amop		bgso				0			A
UB-RU-RD-FR	amoj		bgsp				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-RU-RD-LD	amog	bgsq				0			
	UB-RU-RD-BD	amos	bgsr				0		0	
	UB-RU-RD-DL	amox	bgst				0		0	
	UB-RU-DL-UL	amxd	bgta	Itla lbta ulb	R2 S' R2 U R2 U' S' U S2 R2 U'		11		A	
	UB-RU-DL-UR	amxb	bgtc				0			
	UB-RU-DL-DF	amxu	bgtd				0		A	
	UB-RU-DL-LU	amxe	bgte				0		0	
	UB-RU-DL-FU	amxi	bgth				0		L	
	UB-RU-DL-FL	amxl	bgti				0		A	
	UB-RU-DL-LF	amxf	bgtj				0		A	
	UB-RU-DL-BL	amxr	bgtl				0		0	
	UB-RU-DL-BR	amxt	bgtm				0			
	UB-RU-DL-RF	amxp	bgto				0		A	
	UB-RU-DL-FR	amxj	bgtp				0		0	
	UB-RU-DL-BD	amxs	bgtr				0		A	
	UB-RU-DL-RD	amxo	bgts				0			
	UB-RU-DL-DB	amxw	bgtu				0			
	UB-RU-DL-DR	amxv	bgtv				0		0	
	UB-RU-DB-UR	amwb	bguc				0			
	UB-RU-DB-DF	amwu	bgud				0			
	UB-RU-DB-LU	amwe	bgue	naoa mco	M' U M2 U M U2 M2		7		0	
	UB-RU-DB-FU	amwi	bguh				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		
	UB-RU-DB-FL	amwl	bgui					0		
	UB-RU-DB-LF	amwf	bguj					0		
	UB-RU-DB-LB	amwh	bguk					0		
	UB-RU-DB-BR	amwt	bgum					0		P
	UB-RU-DB-RB	amwn	bgun					0		
	UB-RU-DB-RF	amwp	bguo					0		
	UB-RU-DB-FR	amwj	bgup					0		F
	UB-RU-DB-LD	amwg	bguq					0		
	UB-RU-DB-DR	amvv	bguv					0		
	UB-RU-DR-UL	amvd	bgva					0		
	UB-RU-DR-DF	amvu	bgvd					0		L
	UB-RU-DR-LU	amve	bgve					0		L
	UB-RU-DR-FU	amvi	bgvh					0		
	UB-RU-DR-FL	amvl	bgvi					0		
	UB-RU-DR-LF	amvf	bgvj					0		O
	UB-RU-DR-LB	amvh	bgvk					0		
	UB-RU-DR-BL	amvr	bgvl	whbt auat bgv	F' L' U' S' U S2 U S' U' L F		11			O
	UB-RU-DR-BR	amvt	bgvm					0		
	UB-RU-DR-RB	amvn	bgvn					0		O
	UB-RU-DR-RF	amvp	bgvo					0		
	UB-RU-DR-FR	amvj	bgvp					0		
	UB-RU-DR-LD	amvg	bgvq					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		
UB-RU-DR-BD	amvs	bgvr					0			
UB-RU-DR-DL	amvx	bgvt					0			
UB-RU-DR-DB	amvw	bgvu					0			
UB-FU-UL-DF	aidu	bhad					0		0	
UB-FU-UL-FL	aidl	bhai					0		P	
UB-FU-UL-LF	aidf	bhaj					0			
UB-FU-UL-LB	aidh	bhak					0		L	
UB-FU-UL-BL	aidr	bhal					0			
UB-FU-UL-RB	aidn	bhan					0		A	
UB-FU-UL-RF	aidp	bhao					0		O	
UB-FU-UL-FR	aidj	bhap					0		P	
UB-FU-UL-LD	aidg	bhaq					0			
UB-FU-UL-BD	aids	bhar					0		O	
UB-FU-UL-RD	aido	bhas					0		A	
UB-FU-UL-DL	aidx	bhat					0		O	
UB-FU-UL-DB	aidw	bhau					0		P	
UB-FU-UL-DR	aidv	bhav					0		A	
UB-FU-UR-LU	aibe	bhce					0			
UB-FU-UR-LB	aibh	bhck					0			
UB-FU-UR-BL	aibr	bhcl					0			
UB-FU-UR-FR	aibj	bhcp					0			
UB-FU-UR-LD	aibg	bhcq					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		L
UB-FU-UR-RD	aibo	bhcs					0			
UB-FU-DF-LF	aiuf	bhdj					0			A
UB-FU-DF-LD	aiug	bhdq					0			
UB-FU-LU-RU	aiem	bheg					0			O
UB-FU-LU-FL	aiel	bhei					0			O
UB-FU-LU-LF	aief	bhej					0			A
UB-FU-LU-LB	aieh	bhek					0			A
UB-FU-LU-BL	aier	bhel					0			O
UB-FU-LU-RF	aiep	bheo					0			
UB-FU-LU-FR	aiej	bhep					0			
UB-FU-LU-LD	aieg	bheq					0			
UB-FU-LU-RD	aieo	bhes					0			
UB-FU-LU-DL	aiex	bhet					0			O
UB-FU-LU-DB	aiew	bheu					0			
UB-FU-RU-UL	aimd	bhga					0			A
UB-FU-RU-FL	aiml	bhgi					0			A
UB-FU-RU-LF	aimf	bhgj					0			
UB-FU-RU-BR	aimt	bhgm					0			
UB-FU-RU-RF	aimp	bhgo					0			A
UB-FU-RU-FR	aimj	bhgp					0			A
UB-FU-RU-LD	aimg	bhgq					0			
UB-FU-RU-BD	aims	bhgr					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		
UB-FU-RU-RD	aimo	bhgs					0			
UB-FU-RU-DL	aimx	bhgt					0			P
UB-FU-FL-LU	aile	bhie					0			
UB-FU-FL-BU	ailq	bhif					0			
UB-FU-FL-BR	aitl	bhim					0			P
UB-FU-FL-DL	ailx	bhit					0			
UB-FU-LF-UL	aifd	bhja					0			O
UB-FU-LF-UR	aifb	bhjc					0			
UB-FU-LF-LU	aife	bhje					0			
UB-FU-LF-BL	aifr	bhjl					0			
UB-FU-LF-BR	aift	bhjm					0			
UB-FU-LF-RB	aifn	bhjn					0			P
UB-FU-LF-RF	aifp	bhjo					0			
UB-FU-LF-DB	aifw	bhju					0			
UB-FU-LF-DR	aifv	bhjv					0			
UB-FU-LB-LU	aihe	bhke					0			
UB-FU-LB-RU	aihm	bhkg					0			
UB-FU-LB-LF	aihf	bhkj					0			
UB-FU-LB-RB	aihn	bhkn					0			A
UB-FU-LB-FR	aihj	bhkp					0			A
UB-FU-LB-LD	aihg	bhkq					0			
UB-FU-LB-BD	aihs	bhkr					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		
UB-FU-LB-RD	aiho		bhks					0		
UB-FU-BL-UL	aird		bhla					0		
UB-FU-BL-UR	airb		bhlc					0		
UB-FU-BL-LU	aire		bhle					0		
UB-FU-BL-LF	airf		bhlj					0		
UB-FU-BL-RF	airp		bhlo					0		A
UB-FU-BL-FR	airj		bhlp					0		
UB-FU-BL-RD	airo		bhls					0		
UB-FU-BL-DL	airx		bhlt					0		A
UB-FU-BR-UL	aitd		bhma					0		
UB-FU-BR-RU	aitm		bhmg					0		
UB-FU-BR-FL	aitl		bhmi					0		P
UB-FU-BR-LF	aitf		bhmj					0		
UB-FU-BR-LB	aith		bhmk					0		
UB-FU-BR-LD	aitg		bhmq					0		
UB-FU-BR-DB	aitw		bhmu					0		O
UB-FU-RB-UL	aind		bhna					0		A
UB-FU-RB-DF	ainu		bhnd					0		A
UB-FU-RB-LU	aine		bhne					0		
UB-FU-RB-RU	ainm		bhng					0		
UB-FU-RB-LF	ainf		bhnj					0		
UB-FU-RB-RF	ainp		bhno					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		
UB-FU-RB-FR	ainj		bhnp					0		
UB-FU-RB-DL	ainx		bhnt					0		
UB-FU-RB-DB	ainw		bhnu					0		P
UB-FU-RB-DR	ainv		bhnv					0		
UB-FU-RF-UR	aipb		bhoc					0		
UB-FU-RF-DF	aipu		bhod					0		
UB-FU-RF-RU	aipm		bhog					0		A
UB-FU-RF-LF	aipf		bhoj					0		L
UB-FU-RF-LB	aiph		bhok					0		L
UB-FU-RF-BR	aipt		bhom					0		L
UB-FU-RF-RB	aipn		bhon					0		P
UB-FU-RF-LD	aipg		bhoq					0		L
UB-FU-RF-BD	aips		bhor					0		
UB-FU-RF-RD	aipo		bhos					0		P
UB-FU-RF-DL	aipx		bhot					0		
UB-FU-RF-DB	aipw		bhou					0		L
UB-FU-RF-DR	aipv		bhov					0		
UB-FU-FR-UL	aijd		bhpa					0		O
UB-FU-FR-UR	aijb		bhpc					0		
UB-FU-FR-LU	aije		bhpe					0		
UB-FU-FR-RU	aijm		bhpg					0		
UB-FU-FR-FL	aijl		bhpi					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		
UB-FU-FR-LF	aifj		bhpj					0		
UB-FU-FR-LB	aijh		bhpk					0		
UB-FU-FR-BL	aijr		bhpl					0		C
UB-FU-FR-BR	aijt		bhpm					0		
UB-FU-FR-RB	aijn		bhpn					0		
UB-FU-FR-RD	aijo		bhps					0		
UB-FU-FR-DL	aijx		bhpt					0		
UB-FU-FR-DB	aijw		bhpu					0		
UB-FU-FR-DR	aijv		bhpv					0		
UB-FU-LD-UL	aigd		bhqa					0		A
UB-FU-LD-UR	aigb		bhqc					0		
UB-FU-LD-LU	aige		bhqe					0		
UB-FU-LD-RU	aigm		bhqg					0		
UB-FU-LD-FL	aigl		bhqj					0		P
UB-FU-LD-LF	aigf		bhqj					0		
UB-FU-LD-BL	aigr		bhqj					0		
UB-FU-LD-RB	aign		bhqj					0		C
UB-FU-LD-BD	aigs		bhqj					0		A
UB-FU-LD-RD	aigo		bhqj					0		
UB-FU-LD-DB	aigw		bhqj					0		
UB-FU-BD-UR	aibs		bhrc					0		
UB-FU-BD-LU	aise		bhre					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		
UB-FU-BD-RU	aism	bhrg					0			
UB-FU-BD-LB	aish	bhrk					0			
UB-FU-BD-BR	aist	bhrm					0		F	
UB-FU-BD-RB	aisn	bhrn					0		C	
UB-FU-BD-FR	aisj	bhrp					0			
UB-FU-BD-LD	aisg	bhrq					0			
UB-FU-BD-RD	aiso	bhrs					0			
UB-FU-BD-DL	aisx	bhrt					0			
UB-FU-RD-UL	aiod	bhsa					0		L	
UB-FU-RD-UR	aiob	bhsc					0			
UB-FU-RD-LU	aioe	bhse					0			
UB-FU-RD-RU	aiom	bhsg					0			
UB-FU-RD-FL	aiol	bhsi					0			
UB-FU-RD-LF	aiof	bhsj					0			
UB-FU-RD-LB	aioh	bhsk					0		P	
UB-FU-RD-BL	aior	bhsl					0			
UB-FU-RD-BR	aiot	bhsm					0			
UB-FU-RD-RB	aion	bhsn					0			
UB-FU-RD-RF	aiop	bhsq					0		A	
UB-FU-RD-FR	aioj	bhsp					0			
UB-FU-RD-LD	aiog	bhsq					0			
UB-FU-RD-DL	aiox	bhst					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		
UB-FU-DL-UL	aixd		bhta				0			
UB-FU-DL-LU	aixe		bhte				0			A
UB-FU-DL-FL	aixl		bhti				0			P
UB-FU-DL-LB	aixh		bhtk				0			
UB-FU-DL-BL	aixr		bhtl				0			
UB-FU-DL-RB	aixn		bhtn				0			C
UB-FU-DL-BD	aixs		bhtr				0			A
UB-FU-DL-DB	aixw		bhtu				0			
UB-FU-DB-UL	aiwd		bhua				0			P
UB-FU-DB-LU	aiwe		bhue				0			
UB-FU-DB-RU	aiwm		bhug				0			
UB-FU-DB-FL	aiwl		bhui				0			
UB-FU-DB-LF	aiwf		bhuj				0			C
UB-FU-DB-BL	aiwr		bhul				0			A
UB-FU-DB-BR	aiwt		bhum				0			P
UB-FU-DB-RB	aiwn		bhun				0			
UB-FU-DB-RF	aiwp		bhuo				0			
UB-FU-DB-FR	aiwj		bhup				0			
UB-FU-DB-LD	aiwg		bhuq				0			
UB-FU-DB-BD	aiws		bhur				0			O
UB-FU-DB-RD	aiwo		bhus				0			
UB-FU-DB-DL	aiwx		bhut				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
	UB-FU-DB-DR	aivw	bhuv				0			
	UB-FU-DR-UL	aivd	bhva				0			P
	UB-FU-DR-UR	aivb	bhvc				0			
	UB-FU-DR-LU	aive	bhve				0			P
	UB-FU-DR-RU	aivm	bhvg				0			
	UB-FU-DR-FL	aivl	bhvi				0			
	UB-FU-DR-LF	aivf	bhvj				0			
	UB-FU-DR-LB	aivh	bhvk				0			P
	UB-FU-DR-BL	aivr	bhvl				0			O
	UB-FU-DR-BR	aivt	bhvm				0			
	UB-FU-DR-RB	aivn	bhvn				0			O
	UB-FU-DR-RF	aivp	bhvo				0			
	UB-FU-DR-DB	aivw	bhvu				0			
	UB-FL-UL-UR	aldb	biac				0			
	UB-FL-UL-DF	aldu	biad				0			
	UB-FL-UL-RU	aldm	biag				0			
	UB-FL-UL-FU	aldi	biah				0			
	UB-FL-UL-LB	aldh	biak	mkwj sjql vpj tn	r' F' R S R E' R2 F E R S' M'		13			
	UB-FL-UL-BL	aldr	bial				0			
	UB-FL-UL-BR	aldt	biam				0			
	UB-FL-UL-RB	aldn	bian				0			L
	UB-FL-UL-RF	aldp	biao				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
	UB-FL-UL-FR	aldj	biap	ubkp sktq lau	S2 U' R' E S R' S' E' R2 U S2		11			
	UB-FL-UL-LD	aldg	biaq				0			
	UB-FL-UL-BD	alds	biar				0			
	UB-FL-UL-RD	aldo	bias				0		A	
	UB-FL-UL-DL	aldx	biat				0			
	UB-FL-UL-DR	aldv	biav				0			
	UB-FL-UR-UL	albd	bica	hoao bgbo ao	L' M2 U M2 U' L U' M2 U M2		10			
	UB-FL-UR-FU	albi	bich				0			
	UB-FL-UR-LB	albh	bick				0			
	UB-FL-UR-BR	albt	bicm				0			
	UB-FL-UR-FR	albj	bicp				0			
	UB-FL-UR-LD	albg	bicq				0			
	UB-FL-UR-DL	albx	bict				0		0	
	UB-FL-UR-DB	albw	bicu				0			
	UB-FL-UR-DR	albv	bicv				0			
	UB-FL-DF-UR	alub	bidc				0			
	UB-FL-DF-LU	alue	bide				0		A	
	UB-FL-DF-BL	alur	bidl	xpwq mvnx	F2 E F' E' M F M' F2		8		P	
	UB-FL-DF-BR	alut	bidm				0			
	UB-FL-DF-RB	alun	bidn				0		P	
	UB-FL-DF-RF	alup	bido	vbwa jvja kwkw	F U' F' U R F R U R' F' R' F'		12			
	UB-FL-DF-FR	aluj	bidp	qwpm wnq xp	E' F' E M F' M' E' F2 E		9			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-FL-DF-LD	alug	bidq				0			
	UB-FL-DF-BD	alus	bidr				0			
	UB-FL-DF-RD	aluo	bids				0			A
	UB-FL-DF-DL	alux	bidt				0			
	UB-FL-DF-DB	aluw	bidu				0			P
	UB-FL-LU-UR	aleb	biec				0			O
	UB-FL-LU-DF	aleu	bied				0			O
	UB-FL-LU-RU	alem	bieg				0			
	UB-FL-LU-FU	alei	bieh				0			
	UB-FL-LU-LB	aleh	biek				0			
	UB-FL-LU-BL	aler	biel				0			C
	B-FL-LU-BL	aler	biel				0			O
	UB-FL-LU-BR	alet	biem				0			O
	UB-FL-LU-RB	alen	bien				0			L
	UB-FL-LU-RF	alep	bioo				0			
	UB-FL-LU-FR	alej	biop	Ivka tbsj wl	R2 F R' U S' U' S R F' R2		10			
	UB-FL-LU-LD	aleg	bieq				0			A
	UB-FL-LU-BD	ales	bier				0			O
	UB-FL-LU-RD	aleo	bies				0			O
	UB-FL-LU-DL	alex	biet				0			
	UB-FL-LU-DB	alew	bieu				0			
	UB-FL-LU-DR	alev	biev				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		
UB-FL-BU-LU	alqe	bife					0			
UB-FL-BU-BD	alqs	bifr					0			
UB-FL-RU-UL	almd	biga					0			
UB-FL-RU-DF	almu	bigd					0		A	
UB-FL-RU-LU	alme	bige					0			
UB-FL-RU-BU	almq	bigf					0		P	
UB-FL-RU-FU	almi	bigh					0		O	
UB-FL-RU-LB	almh	bigk					0			
UB-FL-RU-BL	almr	bigl					0			
UB-FL-RU-BR	almt	bigm					0			
UB-FL-RU-RB	almn	bign					0			
UB-FL-RU-FR	almj	bigp					0			
UB-FL-RU-LD	almg	bigq					0			
UB-FL-RU-BD	alms	bigr					0			
UB-FL-RU-RD	almo	bigs					0			
UB-FL-RU-DL	almx	bigt					0			
UB-FL-RU-DB	almw	bigu					0		P	
UB-FL-FU-UL	alid	biha					0			
UB-FL-FU-UR	alib	bihc					0			
UB-FL-FU-LU	alie	bihe					0			
UB-FL-FU-RU	alim	bihg					0			
UB-FL-FU-LB	alih	bihk					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		
	UB-FL-FU-BL	alir	bihl					0		
	UB-FL-FU-BR	alit	bihm					0		
	UB-FL-FU-RB	alin	bihn					0		
	UB-FL-FU-FR	alij	bihp					0		
	UB-FL-FU-LD	alig	bihq					0		
	UB-FL-FU-BD	alis	bihr					0		C
	UB-FL-FU-RD	alio	bihs					0		
	UB-FL-FU-DL	alix	biht					0		
	UB-FL-FU-DB	aliw	bihu					0		O
	UB-FL-FU-DR	aliv	bihv					0		
	UB-FL-LF-UL	alfd	bija					0		O
	UB-FL-LB-UL	alhd	bika					0		C
	UB-FL-LB-UR	alhb	bikc					0		L
	UB-FL-LB-LU	alhe	bike					0		O
	UB-FL-LB-RU	alhm	bikg					0		
	UB-FL-LB-FU	alhi	bikh					0		
	UB-FL-LB-BR	alht	bikm					0		P
	UB-FL-LB-RB	alhn	bikn					0		O
	UB-FL-LB-RF	alhp	biko					0		
	UB-FL-LB-FR	alhj	bikp					0		P
	UB-FL-LB-LD	alhg	bikq					0		
	UB-FL-LB-BD	alhs	bikr					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
	UB-FL-LB-RD	alho	biks				0			
	UB-FL-LB-DL	alhx	bikt				0			
	UB-FL-LB-DB	alhw	biku				0			
	UB-FL-BL-UL	alrd	bila				0			
	UB-FL-BL-UR	alrb	bilc				0			
	UB-FL-BL-DF	alru	bild				0		A	
	UB-FL-BL-LU	alre	bile				0		O	
	UB-FL-BL-RU	alarm	bilg				0		O	
	UB-FL-BL-FU	alri	bilh				0		A	
	UB-FL-BL-BR	alrt	bilm				0			
	UB-FL-BL-RB	alrn	biln				0			
	UB-FL-BL-RF	alrp	bilo				0			
	UB-FL-BL-FR	alrj	bilp	rjbs ltjr jak	E2 R U' S R2 S' R E2 R U R'		11			
	UB-FL-BL-LD	alrg	bilq				0			
	UB-FL-BL-BD	alrs	bilr				0		P	
	UB-FL-BL-RD	alro	bils				0		O	
	UB-FL-BL-DL	alrx	bilt				0			
	UB-FL-BL-DB	alrw	bilu				0		P	
	UB-FL-BL-DR	alrv	bilv				0			
	UB-FL-BR-UL	altd	bima				0			
	UB-FL-BR-UR	altb	bimc				0			
	UB-FL-BR-DF	altu	bimd				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		
	UB-FL-BR-LU	alte	bime					0		
	UB-FL-BR-RU	altn	bimg	Indw ohev owl'm	R2 M' D F' M2 F D' F M2 F' R2 M			12		
	UB-FL-BR-FU	alti	bimh					0		
	UB-FL-BR-LB	alth	bimk					0		
	UB-FL-BR-BL	altr	biml					0		
	UB-FL-BR-RF	altp	bimo					0		
	UB-FL-BR-FR	altj	bimp					0		
	UB-FL-BR-LD	altg	bimq					0		
	UB-FL-BR-BD	alts	bimr					0		F
	UB-FL-BR-RD	alto	bims					0		
	UB-FL-BR-DL	altx	bimt					0		
	UB-FL-BR-DB	altw	bimu					0		
	UB-FL-BR-DR	altv	bimv					0		
	UB-FL-RB-UL	alnd	bina					0		
	UB-FL-RB-UR	alnb	binc					0		
	UB-FL-RB-DF	alnu	bind					0		O
	UB-FL-RB-LU	alne	bine					0		O
	UB-FL-RB-RU	alnm	bing					0		O
	UB-FL-RB-FU	alni	binh					0		
	UB-FL-RB-LF	alnf	binj					0		
	UB-FL-RB-LB	alnh	bink					0		A
	UB-FL-RB-BL	alnr	binl					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		
UB-FL-RB-RF	alnp		bino				0			
UB-FL-RB-FR	alnj		binp				0			
UB-FL-RB-LD	alng		binq				0			
UB-FL-RB-BD	alns		binr				0			
UB-FL-RB-RD	alno		bins				0			F
UB-FL-RB-DL	alnx		bint				0			
UB-FL-RB-DR	alnv		binv				0			
UB-FL-RF-UL	alpd		bioa				0			
UB-FL-RF-DF	alpu		biod				0			
UB-FL-RF-BU	alpq		biof				0			
UB-FL-RF-RU	alpm		biog				0			
UB-FL-RF-BL	alpr		biol				0			
UB-FL-RF-BR	alpt		biom				0			O
UB-FL-RF-RB	alpn		bion				0			O
UB-FL-RF-FR	alpj		biop				0			O
UB-FL-RF-RD	alpo		bios				0			O
UB-FL-RF-DL	alpx		biot				0			C
UB-FL-RF-DB	alpw		biou				0			
UB-FL-FR-UL	aljd		bipa				0			P
UB-FL-FR-UR	aljb		bipc				0			O
UB-FL-FR-DF	alju		bipd				0			
UB-FL-FR-LU	alje		bipe				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		
	UB-FL-FR-BU	aljq	bipf					0		
	UB-FL-FR-LB	aljh	bipk					0		
	UB-FL-FR-BL	aljr	bipl					0		
	UB-FL-FR-BR	aljt	bipm					0		
	UB-FL-FR-RB	aljn	bipn					0		P
	UB-FL-FR-LD	aljg	bipq					0		
	UB-FL-FR-BD	aljs	bipr					0		
	UB-FL-FR-DL	aljx	bipt					0		
	UB-FL-FR-DB	aljw	bipu					0		P
	UB-FL-FR-DR	aljv	bipv					0		
	UB-FL-LD-UL	algd	biqa					0		O
	UB-FL-LD-UR	algb	biqc					0		
	UB-FL-LD-DF	algu	biqd					0		
	UB-FL-LD-LU	alge	biqe					0		
	UB-FL-LD-BU	algq	biqf					0		
	UB-FL-LD-LB	algh	biqk					0		
	UB-FL-LD-BL	algr	biql					0		
	UB-FL-LD-BR	algt	biqm					0		
	UB-FL-LD-RB	algn	biqn					0		
	UB-FL-LD-FR	al gj	biqp					0		
	UB-FL-LD-BD	algs	biqr					0		O
	UB-FL-LD-RD	algo	biqs					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			
UB-FL-LD-DR	algv		biqv				0			
UB-FL-BD-UL	alsd		bira				0		L	
UB-FL-BD-UR	alsb		birc				0		P	
UB-FL-BD-DF	alsu		bird				0		O	
UB-FL-BD-LU	alse		bire				0			
UB-FL-BD-RU	alsm		birg				0			
UB-FL-BD-FU	alsi		birh				0		O	
UB-FL-BD-BL	alsr		birl				0			
UB-FL-BD-BR	alst		birm				0			
UB-FL-BD-RB	alsn		birn				0			
UB-FL-BD-RF	alsp		biro				0		P	
UB-FL-BD-FR	alsj		birp				0			
UB-FL-BD-LD	alsg		birq				0			
UB-FL-BD-RD	also		birs				0			
UB-FL-BD-DL	alsx		birt				0			
UB-FL-BD-DR	alsv		birv				0			
UB-FL-RD-UL	alod		bisa				0		L	
UB-FL-RD-UR	alob		bisc				0			
UB-FL-RD-LU	aloe		bise				0			
UB-FL-RD-RU	alom		bisg				0			
UB-FL-RD-FU	aloi		bish				0		P	
UB-FL-RD-LB	aloh		bisk				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		
	UB-FL-RD-BR	alot	bism					0		
	UB-FL-RD-RB	alon	bisn	bpsj tlrj ckp jb	u' S R S' R2 E2 R U2 R' E R U'		13			P
	UB-FL-RD-RF	alop	biso				0			
	UB-FL-RD-FR	aloj	bisp				0			
	UB-FL-RD-LD	alog	bisq				0			
	UB-FL-RD-BD	alos	bisr				0			
	UB-FL-RD-DL	alox	bist				0			P
	UB-FL-DL-UL	alxd	bita				0			
	UB-FL-DL-UR	alxb	bitc				0			L
	UB-FL-DL-DF	alxu	bitd				0			
	UB-FL-DL-LU	alxe	bite				0			A
	UB-FL-DL-RU	alxm	bitg				0			
	UB-FL-DL-LB	alxh	bitk				0			
	UB-FL-DL-BL	alxr	bitl				0			
	UB-FL-DL-BR	alxt	bitm				0			A
	UB-FL-DL-RB	alxn	bitn				0			A
	UB-FL-DL-RF	alxp	bito				0			O
	UB-FL-DL-BD	alxs	bitr				0			F
	UB-FL-DL-RD	alxo	bits				0			O
	UB-FL-DL-DB	alxw	bitu				0			P
	UB-FL-DL-DR	alxv	bitv				0			L
	UB-FL-DB-UR	alwb	biuc				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-FL-DB-LU	alwe	biue				0			
	UB-FL-DB-BU	alwq	biuf				0			
	UB-FL-DB-LB	alwh	biuk				0			
	UB-FL-DB-BL	alwr	biul				0			
	UB-FL-DB-BR	alwt	bium				0			
	UB-FL-DB-FR	alwj	biup				0			
	UB-FL-DB-LD	alwg	biuq	pmkd odmf jq	E r' D M2 D M D2 R E'		10			
	UB-FL-DB-RD	alwo	bius				0			
	UB-FL-DB-DR	alwv	biuv	wgfn dmd hv	F' L D2 M' D M D L' F		9			
	UB-FL-DR-UL	alvd	biva				0			
	UB-FL-DR-UR	alvb	bivc				0			
	UB-FL-DR-DF	alvu	bivd				0			
	UB-FL-DR-RU	alvm	bivg				0			
	UB-FL-DR-BL	alvr	bivl				0			
	UB-FL-DR-BR	alvt	bivm				0			
	UB-FL-DR-RB	alvn	bivn				0		C	
	UB-FL-DR-FR	alvj	bivp				0			
	UB-FL-DR-LD	alvg	bivq				0		A	
	UB-FL-DR-BD	alvs	bivr				0			
	UB-LF-UL-DF	afdu	bjad				0		O	
	UB-LF-UL-BU	afdq	bjaf				0			
	UB-LF-UL-RU	afdm	bjag				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-LF-UL-FU	afdi	bjah				0			A
	UB-LF-UL-LB	afdh	bjak				0			
	UB-LF-UL-BL	afdr	bjal				0			
	UB-LF-UL-BR	afdt	bjam				0			
	UB-LF-UL-RB	afdn	bjan				0			
	UB-LF-UL-RF	afdp	bjao				0			A
	UB-LF-UL-FR	afdj	bjap				0			O
	UB-LF-UL-LD	afdg	bjaq				0			A
	UB-LF-UL-BD	afds	bjar				0			C
	UB-LF-UL-RD	afdo	bjas				0			A
	UB-LF-UL-DL	afdx	bjat				0			A
	UB-LF-UL-DB	afdw	bjau				0			
	UB-LF-UL-DR	afdv	bjav				0			
	UB-LF-UR-UL	afbd	bjca	obxo vmxm wal	M2 U' F2 M2 F M F2 M F' U M2		11			O
	UB-LF-UR-LU	afbe	bjce				0			
	UB-LF-UR-FU	afbi	bjch				0			O
	UB-LF-UR-LB	afbh	bjck				0			O
	UB-LF-UR-BL	afbr	bjcl				0			P
	UB-LF-UR-BR	afbt	bjcm				0			A
	UB-LF-UR-RB	afbn	bjcn				0			F
	UB-LF-UR-RF	afbp	bjco				0			
	UB-LF-UR-FR	afbj	bjcp				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		
UB-LF-UR-LD	afbg		bjcq					0		
UB-LF-UR-BD	afbs		bjcr					0		
UB-LF-UR-RD	afbo		bjcs					0		
UB-LF-UR-DL	afbx		bjct					0	0	
UB-LF-UR-DR	afbv		bjcv					0		A
UB-LF-DF-UL	afud		bjda					0		
UB-LF-DF-UR	afub		bjdc					0		
UB-LF-DF-LU	afue		bjde					0		
UB-LF-DF-RU	afum		bjdg					0	0	
UB-LF-DF-LB	afuh		bjdk					0	0	
UB-LF-DF-BL	afur		bjdl					0	0	
UB-LF-DF-RB	afun		bjdn					0		A
UB-LF-DF-RF	afup		bjdo					0		
UB-LF-DF-FR	afuj		bjdp					0		
UB-LF-DF-LD	afug		bjdq					0		F
UB-LF-DF-BD	afus		bjdr					0		
UB-LF-DF-RD	afuo		bjds					0		
UB-LF-DF-DL	afux		bjdt					0		
UB-LF-DF-DR	afuv		bjdv					0		
UB-LF-LU-UR	afeb		bjec					0		
UB-LF-LU-RU	afem		bjeg					0		O
UB-LF-LU-FU	afei		bjeh					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		
UB-LF-LU-LB	afeh		bjek					0		
UB-LF-LU-BL	afer		bjel					0		0
UB-LF-LU-BR	afet		bjem					0		
UB-LF-LU-RB	afen		bjen					0		
UB-LF-LU-RF	afep		bjeo					0		A
UB-LF-LU-FR	afej		bjep					0		
UB-LF-LU-LD	afeg		bjeq					0		
UB-LF-LU-BD	afes		bjer					0		0
UB-LF-LU-RD	afeo		bjes					0		0
UB-LF-LU-DL	afex		bjet					0		0
UB-LF-LU-DB	afew		bjeu					0		0
UB-LF-LU-DR	afev		bjev					0		
UB-LF-BU-UL	afqd		bjfa					0		
UB-LF-BU-LB	afqh		bjfk					0		A
UB-LF-BU-BL	afqr		bjfl					0		
UB-LF-BU-LD	afqg		bjfq					0		
UB-LF-BU-RD	afqo		bjfs					0		0
UB-LF-BU-DL	afqx		bjft					0		
UB-LF-BU-DB	afqw		bjfu					0		0
UB-LF-RU-UL	afmd		bjga					0		
UB-LF-RU-LU	afme		bjge					0		
UB-LF-RU-LB	afmh		bjgk					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		
	UB-LF-RU-BL	afmr	bjgl				0			P
	UB-LF-RU-BR	afmt	bjgm	wbxj tasb kxav	F' U' F2 R S' U S U' R' F2 U F		12			
	UB-LF-RU-RB	afmn	bjgn				0			O
	UB-LF-RU-RF	afmp	bjgo				0			
	UB-LF-RU-FR	afmj	bjgp				0			O
	UB-LF-RU-LD	afmg	bjgq				0			A
	UB-LF-RU-BD	afms	bjgr				0			
	UB-LF-RU-RD	afmo	bjgs				0			O
	UB-LF-RU-DL	afmx	bjgt				0			
	UB-LF-RU-DB	afmw	bjgu				0			
	UB-LF-RU-DR	afmv	bjgv				0			
	UB-LF-FU-UR	afib	bjhc				0			
	UB-LF-FU-LU	afie	bjhe				0			
	UB-LF-FU-RU	afim	bjhg				0			
	UB-LF-FU-LB	afih	bjhk				0			O
	UB-LF-FU-BR	afit	bjhm				0			
	UB-LF-FU-RB	afin	bjhn				0			
	UB-LF-FU-RF	afip	bjho				0			
	UB-LF-FU-RD	afio	bjhs				0			
	UB-LF-FU-DL	afix	bjht				0			
	UB-LF-FU-DR	afiv	bjhv				0			
	UB-LF-LB-UL	afhd	bjka				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-LF-LB-DF	afhu	bjkd				0			
	UB-LF-LB-LU	afhe	bjke				0			
	UB-LF-LB-RU	afhm	bjkg				0			
	UB-LF-LB-BR	afht	bjkm				0		0	
	UB-LF-LB-RF	afhp	bjko				0			
	UB-LF-LB-FR	afhj	bjkp				0		P	
	UB-LF-LB-LD	afhg	bjkq				0			
	UB-LF-LB-RD	afho	bjks				0			
	UB-LF-LB-DB	afhw	bjku				0			
	UB-LF-LB-DR	afhv	bjkv	atcg tisg sa	U S' U2 L S' L2 S L S U		10			
	UB-LF-BL-UL	afrd	bjla				0			
	UB-LF-BL-UR	afrb	bjlc				0			
	UB-LF-BL-DF	afru	bjld				0			
	UB-LF-BL-LU	afre	bjle				0			
	UB-LF-BL-RU	afrm	bjlg				0		0	
	UB-LF-BL-FU	afri	bjlh				0			
	UB-LF-BL-BR	afrt	bjlm				0			
	UB-LF-BL-RF	afrp	bjlo				0			
	UB-LF-BL-FR	afrj	bjlp				0			
	UB-LF-BL-LD	afrg	bjlq				0			
	UB-LF-BL-BD	afrs	bjlr				0			
	UB-LF-BL-RD	afro	bjls				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		
UB-LF-BL-DL	afrx		bjlt					0		
UB-LF-BL-DR	afrv		bjlv					0		
UB-LF-BR-UL	aftd		bjma					0		A
UB-LF-BR-UR	aftb		bjmc					0		
UB-LF-BR-DF	aftu		bjmd					0		A
UB-LF-BR-LU	afte		bjme					0		
UB-LF-BR-BU	aftq		bjmf					0		
UB-LF-BR-RU	aftm		bjmg					0		
UB-LF-BR-FU	afti		bjmh					0		A
UB-LF-BR-LB	afth		bjmk					0		
UB-LF-BR-BL	aftr		bjml					0		
UB-LF-BR-RF	aftp		bjmo					0		
UB-LF-BR-FR	aftj		bjmp					0		
UB-LF-BR-LD	aftg		bjmq					0		
UB-LF-BR-BD	afts		bjmr					0		
UB-LF-BR-RD	afto		bjms					0		
UB-LF-BR-DL	aftx		bjmt					0		O
UB-LF-BR-DB	aftw		bjmu					0		
UB-LF-BR-DR	aftv		bjmv					0		
UB-LF-RB-UL	afnd		bjna					0		
UB-LF-RB-UR	afnb		bjnc					0		O
UB-LF-RB-DF	afnu		bjnd					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		
UB-LF-RB-LU	afne		bjne					0		
UB-LF-RB-BU	afnq		bjnf					0		
UB-LF-RB-FU	afni		bjnh					0		
UB-LF-RB-LB	afnh		bjnk					0		A
UB-LF-RB-BL	afnr		bjnl					0		
UB-LF-RB-RF	afnp		bjno					0		F
UB-LF-RB-FR	afnj		bjnp					0		
UB-LF-RB-LD	afng		bjnq					0		
UB-LF-RB-BD	afns		bjnr					0		
UB-LF-RB-RD	afno		bjns					0		O
UB-LF-RB-DL	afnx		bjnt					0		
UB-LF-RF-UL	afpd		bjoa					0		
UB-LF-RF-UR	afpb		bjoc					0		O
UB-LF-RF-DF	afpu		bjod					0		F
UB-LF-RF-LU	afpe		bjoe					0		O
UB-LF-RF-BU	afpq		bjof					0		
UB-LF-RF-FU	afpi		bjoh					0		
UB-LF-RF-LB	afph		bjok					0		
UB-LF-RF-BL	afpr		bjol					0		A
UB-LF-RF-RB	afpn		bjon					0		
UB-LF-RF-BD	afps		bjor					0		
UB-LF-RF-RD	afpo		bjos					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		
UB-LF-RF-DL	afpx		bjot				0			
UB-LF-RF-DB	afpw		bjou				0		0	
UB-LF-RF-DR	afpv		bjov				0			
UB-LF-FR-UL	afjd		bjpa				0		0	
UB-LF-FR-UR	afjb		bjpc				0			
UB-LF-FR-DF	afju		bjpd				0		0	
UB-LF-FR-LU	afje		bjpe				0		0	
UB-LF-FR-BU	afjq		bjpf				0			
UB-LF-FR-LB	afjh		bjpk				0			
UB-LF-FR-BL	afjr		bjpl				0		C	
UB-LF-FR-BR	afjt		bjpm				0		0	
UB-LF-FR-RB	afjn		bjpn				0			
UB-LF-FR-LD	afjq		bjpq				0		P	
UB-LF-FR-RD	afjo		bjps				0			
UB-LF-FR-DL	afjx		bjpt				0			
UB-LF-FR-DB	afjw		bjpu				0		L	
UB-LF-FR-DR	afjv		bjpv				0			
UB-LF-LD-UL	afgd		bjqa				0		P	
UB-LF-LD-UR	afgb		bjqc				0			
UB-LF-LD-DF	afgu		bjqd				0		C	
UB-LF-LD-LU	afge		bjqe				0		A	
UB-LF-LD-RU	afgm		bjqg				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		P
UB-LF-LD-FU	afgi		bjqh				0			
UB-LF-LD-LB	afgh		bjqk				0			
UB-LF-LD-BL	afgr		bjql				0		O	
UB-LF-LD-BR	afgt		bjqm				0			
UB-LF-LD-RB	afgn		bjqn				0		O	
UB-LF-LD-RF	afgp		bjqo				0		P	
UB-LF-LD-FR	afgj		bjqp				0		P	
UB-LF-LD-BD	afgs		bjqr				0		A	
UB-LF-LD-RD	afgo		bjqs				0			
UB-LF-LD-DB	afgw		bjqu				0		P	
UB-LF-LD-DR	afgv		bjqv				0			
UB-LF-BD-UL	afsd		bjra				0		A	
UB-LF-BD-UR	afsb		bjrc				0			
UB-LF-BD-DF	afsu		bjrd				0		O	
UB-LF-BD-LU	afse		bjre				0		O	
UB-LF-BD-BU	afsq		bjrf				0			
UB-LF-BD-RU	afsm		bjrg				0		O	
UB-LF-BD-FU	afsi		bjrh				0		O	
UB-LF-BD-LB	afsh		bjrk				0		O	
UB-LF-BD-BL	afsr		bjrl				0			
UB-LF-BD-BR	afst		bjrm				0			
UB-LF-BD-RB	afsn		bjrn				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		
	UB-LF-BD-LD	afsg	bjrq					0		
	UB-LF-BD-RD	afso	bjrs					0		
	UB-LF-BD-DL	afsx	bjrt					0		
	UB-LF-RD-UL	afod	bjsa					0		P
	UB-LF-RD-UR	afob	bjsc					0		
	UB-LF-RD-DF	afou	bjsd					0		
	UB-LF-RD-LU	aoe	bjse					0		C
	UB-LF-RD-RU	afom	bjsg					0		
	UB-LF-RD-LB	afoh	bjsk					0		
	UB-LF-RD-BL	afor	bjsl					0		
	UB-LF-RD-BR	afot	bjsm					0		A
	UB-LF-RD-RB	afon	bjsn	mcvb sjtk awnc	M U2 F U' S R S' R' U F' M' U2			12		
	UB-LF-RD-LD	afog	bjsq	gbuc sbha sb	L U' S2 U2 S U' L' U S U'			10		
	UB-LF-RD-BD	afos	bjsr					0		
	UB-LF-RD-DL	afox	bjst					0		
	UB-LF-RD-DB	afow	bjsu					0		
	UB-LF-DL-UL	afxd	bjta					0		A
	UB-LF-DL-UR	afxb	bjtc					0		
	UB-LF-DL-LU	afxe	bjte					0		
	UB-LF-DL-RU	afxm	bjtg					0		O
	UB-LF-DL-FL	afxl	bjti					0		A
	UB-LF-DL-LB	afxh	bjtk					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
	UB-LF-DL-BL	afxr	bjtl				0		O	
	UB-LF-DL-BR	afxt	bjtm				0		F	
	UB-LF-DL-RB	afxn	bjtn	pwat hsgb vq	E F' U S' L' S L U' F E'		10			
	UB-LF-DL-RF	afxp	bjto				0			
	UB-LF-DL-FR	afxj	bjtp				0			
	UB-LF-DL-RD	afxo	bjts				0		O	
	UB-LF-DL-DB	afxw	bjtu				0			
	UB-LF-DB-UL	afwd	bjua				0		A	
	UB-LF-DB-DF	afwu	bjud				0			
	UB-LF-DB-LU	afwe	bjue				0			
	UB-LF-DB-BU	afwq	bjuf				0			
	UB-LF-DB-LB	afwh	bjuk	xmqw qmv rx	F2 M E' F' E' M F E2 F2		9			
	UB-LF-DB-BR	afwt	bjum				0			
	UB-LF-DB-RB	afwn	bjun				0			
	UB-LF-DB-RF	afwp	bjuo				0			
	UB-LF-DB-FR	afwj	bjup				0			
	UB-LF-DB-LD	afwg	bjuq				0			
	UB-LF-DB-RD	afwo	bjus				0		P	
	UB-LF-DB-DL	afwx	bjut				0			
	UB-LF-DB-DR	afvw	bjuv				0			
	UB-LF-DR-UR	afvb	bjvc				0		A	
	UB-LF-DR-DF	afvu	bjvd				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		
UB-LF-DR-BU	afvq		bjvf				0			
UB-LF-DR-RU	afvm		bjvg				0		0	
UB-LF-DR-FU	afvi		bjvh				0			
UB-LF-DR-RB	afvn		bjvn				0			
UB-LF-DR-RF	afvp		bjvo				0		C	
UB-LF-DR-FR	afvj		bjvp				0		P	
UB-LF-DR-LD	afvg		bjvq				0			
UB-LF-DR-BD	afvs		bjvr				0			
UB-LF-DR-DB	afvw		bjvu				0			
UB-LB-UL-DF	ahdu		bkad				0		0	
UB-LB-UL-BU	ahdq		bkaf				0			
UB-LB-UL-RU	ahdm		bkag				0			
UB-LB-UL-FU	ahdi		bkah				0			
UB-LB-UL-FL	ahdl		bkai				0		0	
UB-LB-UL-LF	ahdf		bkaj				0			
UB-LB-UL-BL	ahdr		bkal				0		F	
UB-LB-UL-RB	ahdn		bkan				0		O	
UB-LB-UL-RF	ahdp		bkao				0			
UB-LB-UL-FR	ahdj		bkap				0			
UB-LB-UL-LD	ahdg		bkaq				0		O	
UB-LB-UL-BD	ahds		bkar				0			
UB-LB-UL-RD	ahdo		bkas				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
	UB-LB-UL-DL	ahdx	bkat				0			
	UB-LB-UL-DB	ahdw	bkau				0			
	UB-LB-UR-UL	ahbd	bkca	lukq kajp lulb	R2 S2 R' E' R' U R E R S2 R2 U'		12			
	UB-LB-UR-DF	ahbu	bkcd				0		0	
	UB-LB-UR-LU	ahbe	bkce				0			
	UB-LB-UR-FU	ahbi	bkch				0		P	
	UB-LB-UR-LF	ahbf	bkcj				0			
	UB-LB-UR-RB	ahbn	bkcn				0		0	
	UB-LB-UR-RF	ahbp	bkco				0			
	UB-LB-UR-FR	ahbj	bkcp				0			
	UB-LB-UR-LD	ahbg	bkcq				0		0	
	UB-LB-UR-RD	ahbo	bkcs				0			
	UB-LB-UR-DL	ahbx	bkct				0			
	UB-LB-UR-DB	ahbw	bkcu				0		0	
	UB-LB-DF-UL	ahud	bkda				0			
	UB-LB-DF-LU	ahue	bkde				0		L	
	UB-LB-DF-RU	ahum	bkgd				0		0	
	UB-LB-DF-FL	ahul	bkdi				0			
	UB-LB-DF-LF	ahuf	bkdj				0			
	UB-LB-DF-BL	ahur	bkdl				0			
	UB-LB-DF-BR	ahut	bkdm				0			
	UB-LB-DF-RF	ahup	bkdo				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-LB-DF-LD	ahug	bkdq				0			
	UB-LB-DF-RD	ahuo	bkds				0			
	UB-LB-DF-DB	ahuw	bkdu				0			
	UB-LB-LU-BU	aheq	bkef				0			
	UB-LB-LU-RU	ahem	bkeg				0			
	UB-LB-LU-FU	ahei	bkeh				0			
	UB-LB-LU-FL	ahel	bkei				0			
	UB-LB-LU-LF	ahef	bkej				0			
	UB-LB-LU-BR	ahet	bkem				0			
	UB-LB-LU-RB	ahen	bken				0			
	UB-LB-LU-RF	ahep	bkeo				0			
	UB-LB-LU-RD	aheo	bkes				0		0	
	UB-LB-LU-DB	ahew	bkeu				0			
	UB-LB-LU-DR	ahev	bkev				0		0	
	UB-LB-RU-UL	ahmd	bkga				0			
	UB-LB-RU-LU	ahme	bkge				0			
	UB-LB-RU-FU	ahmi	bkgf				0			
	UB-LB-RU-FL	ahml	bkgi				0			
	UB-LB-RU-LF	ahmf	bkgj				0			
	UB-LB-RU-BR	ahmt	bkgm	mawp vbw! q!vn	M U F' E F U' F' R2 E' R2 F M'		12		C	
	UB-LB-RU-RB	ahmn	bkgn				0			
	UB-LB-RU-RF	ahmp	bkgo				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		
	UB-LB-RU-FR	ahmj	bkgp					0		
	UB-LB-RU-LD	ahmg	bkgq					0		
	UB-LB-RU-RD	ahmo	bkgs					0		
	UB-LB-RU-DL	ahmx	bkgt					0		
	UB-LB-RU-DB	ahmw	bkgu					0		
	UB-LB-RU-DR	ahmv	bkgv					0		
	UB-LB-FU-UL	ahid	bkha					0		P
	UB-LB-FU-UR	ahib	bkhc					0		
	UB-LB-FU-LU	ahie	bkhe					0		
	UB-LB-FU-RU	ahim	bkhg					0		
	UB-LB-FU-FL	ahil	bkhi					0		
	UB-LB-FU-BL	ahir	bkhl					0		
	UB-LB-FU-BR	ahit	bkhm					0		
	UB-LB-FU-FR	ahij	bkhp					0		
	UB-LB-FU-BD	ahis	bkhr					0		
	UB-LB-FU-DB	ahiw	bkhu					0		
	UB-LB-FU-DR	ahiv	bkhv					0		
	UB-LB-FL-UR	ahlb	bkic					0		
	UB-LB-FL-DF	ahlu	bkid					0		
	UB-LB-FL-LU	ahle	bkie					0		P
	UB-LB-FL-BU	ahlq	bkif					0		
	UB-LB-FL-RU	ahlm	bkig					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		
	UB-LB-FL-FU	ahli	bkih					0		
	UB-LB-FL-RB	ahln	bkin					0	0	
	UB-LB-FL-LD	ahlg	bkiq					0	0	
	UB-LB-FL-RD	ahlo	bkis					0		P
	UB-LB-FL-DL	ahlx	bkit					0		
	UB-LB-FL-DR	ahlv	bkiv					0		
	UB-LB-LF-UL	ahfd	bkja					0		
	UB-LB-LF-UR	ahfb	bkjc					0		
	UB-LB-LF-DF	ahfu	bkjd					0		
	UB-LB-LF-LU	ahfe	bkje					0		
	UB-LB-LF-RU	ahfm	bkjg					0		
	UB-LB-LF-BR	ahft	bkjm					0		
	UB-LB-LF-RB	ahfn	bkjn					0		0
	UB-LB-LF-RF	ahfp	bkjo					0		
	UB-LB-LF-LD	ahfg	bkjq					0		
	UB-LB-LF-BD	ahfs	bkjr					0		0
	UB-LB-LF-RD	ahfo	bkjs					0		
	UB-LB-LF-DL	ahfx	bkjt					0		0
	UB-LB-LF-DB	ahfw	bkju					0		
	UB-LB-LF-DR	ahfv	bkjv					0		
	UB-LB-BL-RB	ahrn	bkln					0		
	UB-LB-BR-UL	ahtd	bkma					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
	UB-LB-BR-UR	ahtb	bkmc	avqw jbvp wakb	U F E' F' R U' F E F' U R' U'		12			
	UB-LB-BR-DF	ahtu	bkmd				0			
	UB-LB-BR-BU	ahtq	bkmf				0			
	UB-LB-BR-RU	ahtm	bkmg				0		0	
	UB-LB-BR-FU	ahti	bkmh				0			
	UB-LB-BR-FL	ahtl	bkmi				0			
	UB-LB-BR-LF	ahtf	bkmj				0			
	UB-LB-BR-RF	ahtp	bkmo				0			
	UB-LB-BR-FR	ahtj	bkmp				0			
	UB-LB-BR-BD	ahts	bkmr				0		P	
	UB-LB-BR-DL	ahtx	bkmt				0			
	UB-LB-BR-DB	ahtw	bkmu				0			
	UB-LB-RB-LU	ahne	bkne				0			
	UB-LB-RB-BU	ahnq	bknf				0			
	UB-LB-RB-RU	ahnm	bkng				0			
	UB-LB-RB-FL	ahnl	bkni				0		0	
	UB-LB-RB-RF	ahnp	bkno				0			
	UB-LB-RB-FR	ahnj	bknp				0		0	
	UB-LB-RB-LD	ahng	bknq				0			
	UB-LB-RB-BD	ahns	bknr				0		C	
	UB-LB-RB-RD	ahno	bkns				0			
	UB-LB-RB-DB	ahnw	bknu				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-LB-RB-DR	ahnv	bknv				0			
	UB-LB-RF-UL	ahpd	bkoaa				0			
	UB-LB-RF-UR	ahpb	bkoc				0			
	UB-LB-RF-FU	ahpi	bkoh				0			
	UB-LB-RF-FL	ahpl	bkoi				0			
	UB-LB-RF-BR	ahpt	bkom				0			
	UB-LB-RF-RB	ahpn	bkon				0			
	UB-LB-RF-LD	ahpg	bkoq				0			
	UB-LB-RF-RD	ahpo	bkos				0			
	UB-LB-RF-DL	ahpx	bkot				0			
	UB-LB-RF-DB	ahpw	bkou				0			A
	UB-LB-FR-UR	ahjb	bkpc				0			
	UB-LB-FR-DF	ahju	bkpd				0			
	UB-LB-FR-RU	ahjm	bkpg	kals ktlq jbpj	R' U R2 S R' S' R2 E' R u' R		12			
	UB-LB-FR-FL	ahjl	bkpi				0			
	UB-LB-FR-LF	ahjf	bkpj				0			
	UB-LB-FR-RB	ahjn	bkpn				0			F
	UB-LB-FR-BD	ahjs	bkpr	adhc qhpg cgeb	D U L' U2 E' L' E L U2 L D' U'		12			A
	UB-LB-FR-RD	ahjo	bkps				0			
	UB-LB-FR-DB	ahjw	bkpu				0			
	UB-LB-LD-UL	ahgd	bkqa				0			
	UB-LB-LD-UR	ahgb	bkqc	qlat bkbs akp	E' R2 U S' U' R' U' S U R' E		11			0

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-LB-LD-DF	ahgu	bkqd				0			
	UB-LB-LD-LU	ahge	bkqe				0			
	UB-LB-LD-RU	ahgm	bkqg				0			
	UB-LB-LD-FL	ahgl	bkqi	bith sjph qka	U' L2 S' L' S R E L' E' R' U		11		A	
	UB-LB-LD-LF	ahgf	bkqj				0		O	
	UB-LB-LD-BR	ahgt	bkqm				0			
	UB-LB-LD-RB	ahgn	bkqn				0			
	UB-LB-LD-RF	ahgp	bkqo				0		A	
	UB-LB-LD-FR	ahgj	bkqp				0		A	
	UB-LB-LD-BD	ahgs	bkqr	dmxn wpwd wqvf	D M F2 M' F' E F' D F' E' F D2		12		A	
	UB-LB-LD-RD	ahgo	bkqs				0			
	UB-LB-LD-DB	ahgw	bkqu				0		A	
	UB-LB-LD-DR	ahgv	bkqv				0			
	UB-LB-BD-UL	ahsd	bkra				0		O	
	UB-LB-BD-UR	ahsb	bkrc				0			
	UB-LB-BD-DF	ahsu	bkrd				0			
	UB-LB-BD-LU	ahse	bkre				0		P	
	UB-LB-BD-FU	ahsi	bkrh				0			
	UB-LB-BD-FL	ahsl	bkri				0		O	
	UB-LB-BD-LF	ahsf	bkrj				0			
	UB-LB-BD-BR	ahst	bkrm				0			
	UB-LB-BD-RF	ahsp	bkro				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
UB-LB-BD-FR	ahsj	bkrp					0			
UB-LB-BD-LD	ahsg	bkrq					0		C	
UB-LB-BD-RD	ahso	bkrs					0			
UB-LB-BD-DL	ahsx	bkrt					0			
UB-LB-RD-UL	ahod	bksa					0		O	
UB-LB-RD-UR	ahob	bksc					0			
UB-LB-RD-DF	ahou	bksd					0			
UB-LB-RD-LU	ahoe	bkse					0		P	
UB-LB-RD-RU	ahom	bksg					0		O	
UB-LB-RD-FU	ahoi	bksh					0			
UB-LB-RD-FL	ahol	bksi					0		P	
UB-LB-RD-LF	ahof	bksj					0			
UB-LB-RD-BR	ahot	bksm					0			
UB-LB-RD-RB	ahon	bksn					0			
UB-LB-RD-RF	ahop	bkso					0			
UB-LB-RD-FR	ahoj	bksp					0		O	
UB-LB-RD-DL	ahox	bkst					0			
UB-LB-RD-DB	ahow	bksu					0		P	
UB-LB-DL-UL	ahxd	bkta					0		P	
UB-LB-DL-UR	ahxb	bktc					0			
UB-LB-DL-DF	ahxu	bktd					0			
UB-LB-DL-LU	ahxe	bkte					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		
	UB-LB-DL-BU	ahxq	bktf					0		A
	UB-LB-DL-RU	ahxm	bktg					0		
	UB-LB-DL-FU	ahxi	bkth					0		
	UB-LB-DL-FL	ahxl	bkti	emfm etbj rkas	D' M D2 M D' S' U' R E2 R' U S			12		A
	UB-LB-DL-LF	ahxf	bktj					0		A
	UB-LB-DL-BR	ahxt	bktm					0		
	UB-LB-DL-RB	ahxn	bktn					0		
	UB-LB-DL-RF	ahxp	bkto					0		
	UB-LB-DL-FR	ahxj	bktp					0		
	UB-LB-DL-RD	ahxo	bkts					0		A
	UB-LB-DL-DB	ahxw	bktu					0		
	UB-LB-DL-DR	ahxv	bktv					0		
	UB-LB-DB-UL	ahwd	bkua					0		
	UB-LB-DB-UR	ahwb	bkuc					0		
	UB-LB-DB-LU	ahwe	bkue					0		
	UB-LB-DB-RU	ahwm	bkug					0		O
	UB-LB-DB-FU	ahwi	bkuh					0		
	UB-LB-DB-FL	ahwl	bkui					0		O
	UB-LB-DB-LF	ahwf	bkuj					0		
	UB-LB-DB-RB	ahwn	bkun					0		
	UB-LB-DB-RF	ahwp	bkuo					0		
	UB-LB-DB-FR	ahwj	bkup					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
	UB-LB-DB-LD	ahwg	bkuq				0			
	UB-LB-DB-RD	ahwo	bkus				0			A
	UB-LB-DB-DL	ahwx	bkut				0			
	UB-LB-DB-DR	ahwv	bkuv				0			P
	UB-LB-DR-UL	ahvd	bkva	ieod vdoe wi	L2 D' M2 D F D M2 D' F' L2		10			
	UB-LB-DR-UR	ahvb	bkvc				0			
	UB-LB-DR-DF	ahvu	bkvd				0			
	UB-LB-DR-FU	ahvi	bkvh				0			
	UB-LB-DR-FL	ahvl	bkvi				0			
	UB-LB-DR-LF	ahvf	bkvj				0			
	UB-LB-DR-BR	ahvt	bkvm				0			P
	UB-LB-DR-RB	ahvn	bkvn				0			
	UB-LB-DR-RF	ahvp	bkvo	pvbs jtka wq	E F U' S R S' R' U F' E'		10			A
	UB-LB-DR-FR	ahvj	bkvp				0			
	UB-LB-DR-BD	ahvs	bkvr				0			
	UB-LB-DR-DL	ahvx	bkvt				0			
	UB-LB-DR-DB	ahvw	bkvu	mkqj besa kpjd	r' E' R U' D' S U R' E R D		12			
	UB-BL-UL-UR	ardb	blac				0			
	UB-BL-UL-DF	ardu	blad				0			
	UB-BL-UL-RU	ardm	blag				0			
	UB-BL-UL-FU	ardi	blah				0			L
	UB-BL-UL-FL	ardl	blai				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
	UB-BL-UL-LF	ardf	blaj				0			
	UB-BL-UL-LB	ardh	blak				0			
	UB-BL-UL-BR	ardt	blam				0		A	
	UB-BL-UL-RB	ardn	blan				0		O	
	UB-BL-UL-RF	ardp	blao				0			
	UB-BL-UL-FR	ardj	blap				0			
	UB-BL-UL-LD	ardg	blaq				0			
	UB-BL-UL-RD	ardo	blas				0		L	
	UB-BL-UL-DL	ardx	blat				0		A	
	UB-BL-UL-DB	ardw	blau				0			
	UB-BL-UL-DR	ardv	blav				0			
	UB-BL-UR-UL	arbd	blca	goao bhbo ao	L M2 U M2 U' L' U' M2 U M2		10		O	
	UB-BL-UR-DF	arbu	blcd				0			
	UB-BL-UR-LU	arbe	blce				0			
	UB-BL-UR-FU	arbi	blch				0			
	UB-BL-UR-FL	arbl	blci				0			
	UB-BL-UR-LF	arbf	blcj				0			
	UB-BL-UR-BR	arbt	blcm				0			
	UB-BL-UR-RB	arbn	blcn				0			
	UB-BL-UR-RF	arbp	blco				0			
	UB-BL-UR-LD	arbg	blcq				0			
	UB-BL-UR-BD	arbs	blcr				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		
	UB-BL-UR-RD	arbo	blcs					0		
	UB-BL-UR-DL	arbx	blct	hlau bgbu al	L' R2 U S2 U' L U' S2 U R2			10		
	UB-BL-UR-DR	arbv	blcv					0		0
	UB-BL-DF-UL	arud	blda					0		
	UB-BL-DF-UR	arub	bldc					0		0
	UB-BL-DF-RU	arum	bldg					0		
	UB-BL-DF-LF	aruf	bldj					0		P
	UB-BL-DF-RB	arun	bldn					0		
	UB-BL-DF-RF	arup	bldo					0		
	UB-BL-DF-LD	arug	bldq					0		
	UB-BL-DF-BD	arus	bldr					0		P
	UB-BL-DF-DL	arux	bldt					0		
	UB-BL-DF-DR	aruv	bldv					0		
	UB-BL-LU-UR	areb	blec					0		
	UB-BL-LU-DF	areu	bled					0		A
	UB-BL-LU-BU	areq	blef					0		
	UB-BL-LU-RU	arem	bleg					0		P
	UB-BL-LU-FU	arei	bleh					0		
	UB-BL-LU-FL	arel	blei					0		
	UB-BL-LU-BR	aret	blem					0		
	UB-BL-LU-RB	aren	blen					0		A
	UB-BL-LU-RF	arep	bleo					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-BL-LU-FR	arej	blep				0			
	UB-BL-LU-LD	areg	bleq				0			
	UB-BL-LU-BD	ares	bler				0		P	
	UB-BL-LU-RD	areo	bles				0		A	
	UB-BL-LU-DL	arex	blet				0		A	
	UB-BL-LU-DB	arew	bleu				0		O	
	UB-BL-LU-DR	arev	blev				0		F	
	UB-BL-BU-DF	arqu	blfd				0		O	
	UB-BL-BU-LF	arqf	blfj				0			
	UB-BL-BU-BR	arqt	blfm				0		A	
	UB-BL-BU-RD	arqo	blfs				0		C	
	UB-BL-BU-DB	arqw	blfu				0			
	UB-BL-RU-UL	armd	blga				0			
	UB-BL-RU-DF	armu	blgd				0			
	UB-BL-RU-LU	arme	blge	gwbm kwnv jbvh	L F' U r' F' M' F R U' F L'		12		C	
	UB-BL-RU-FL	arml	blgi				0			
	UB-BL-RU-LF	armf	blgj				0			
	UB-BL-RU-LB	armh	blgk				0		O	
	UB-BL-RU-BR	armt	blgm	sbjs qjpt lat	S U' R S E' R E S' R2 U S'		11			
	UB-BL-RU-RB	armn	blgn				0			
	UB-BL-RU-RF	armp	blgo				0			
	UB-BL-RU-LD	armg	blgq				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		P
UB-BL-RU-BD	arms		blgr				0			
UB-BL-RU-RD	armo		blgs				0			
UB-BL-RU-DB	armw		blgu				0			
UB-BL-RU-DR	armv		blgv				0		0	
UB-BL-FU-UL	arid		blha				0			
UB-BL-FU-UR	arib		blhc				0			
UB-BL-FU-LU	arie		blhe				0			
UB-BL-FU-RU	arim		blhg				0			
UB-BL-FU-FL	aril		blhi				0		A	
UB-BL-FU-LF	arif		blhj				0		A	
UB-BL-FU-BR	arit		blhm				0			
UB-BL-FU-RB	arin		blhn				0			
UB-BL-FU-RF	arip		blho				0			
UB-BL-FU-FR	arij		blhp				0			
UB-BL-FU-LD	arig		blhq				0			
UB-BL-FU-BD	aris		blhr				0			
UB-BL-FU-RD	ario		blhs				0			
UB-BL-FU-DL	arix		blht				0			
UB-BL-FU-DR	ariv		blhv				0			
UB-BL-FL-UL	arid		blia				0			
UB-BL-FL-UR	arlb		blic				0			
UB-BL-FL-DF	arlu		blid				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-BL-FL-RU	arlm	blig				0			
	UB-BL-FL-FU	arli	blih				0			
	UB-BL-FL-BR	arl ^t	blim				0			A
	UB-BL-FL-RB	arln	blin	asjt kpkp lrjb	U S R' S' R' E R' E R2 E2 R U'		12			A
	UB-BL-FL-RF	arlp	blo				0			O
	UB-BL-FL-FR	arlj	blip				0			O
	UB-BL-FL-LD	arlg	bliq				0			
	UB-BL-FL-BD	arls	blir				0			L
	UB-BL-FL-RD	arlo	blis				0			F
	UB-BL-FL-DL	arlx	blit				0			O
	UB-BL-FL-DB	arlw	bliu				0			
	UB-BL-LF-UL	arf ^d	blja				0			
	UB-BL-LF-UR	arf ^b	bljc				0			
	UB-BL-LF-DF	arf ^f	bljd				0			
	UB-BL-LF-LU	arf ^e	blje				0			F
	UB-BL-LF-BU	arf ^q	bljf				0			
	UB-BL-LF-RU	arf ^m	bljg				0			A
	UB-BL-LF-FU	arf ⁱ	bljh				0			
	UB-BL-LF-BR	arf ^t	bljm				0			
	UB-BL-LF-RB	arf ⁿ	bljn				0			
	UB-BL-LF-LD	arf ^g	bljq				0			A
	UB-BL-LF-BD	arf ^s	bljr				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-BL-LF-RD	arfo	bljs				0			
	UB-BL-LF-DL	arfx	bljt				0			P
	UB-BL-LF-DB	arfw	blju	hman bsat bg	L' M U M' U' S U S' U' L		10			O
	UB-BL-LF-DR	arfv	bljv				0			
	UB-BL-LB-DL	arhx	blk				0			F
	UB-BL-BR-UL	artd	blma				0			L
	UB-BL-BR-UR	artb	blmc				0			
	UB-BL-BR-DF	artu	blmd				0			
	UB-BL-BR-LU	arte	blme				0			A
	UB-BL-BR-RU	artm	blmg				0			
	UB-BL-BR-FL	artl	blmi				0			
	UB-BL-BR-LF	artf	blmj				0			
	UB-BL-BR-RF	artp	blmo				0			A
	UB-BL-BR-FR	artj	blmp				0			
	UB-BL-BR-BD	arts	blmr				0			
	UB-BL-BR-RD	arto	blms				0			O
	UB-BL-BR-DL	artx	blmt				0			
	UB-BL-BR-DB	artw	blmu				0			
	UB-BL-BR-DR	artv	blmv				0			A
	UB-BL-RB-UR	arnb	blnc				0			
	UB-BL-RB-DF	arnu	blnd				0			
	UB-BL-RB-BU	arnq	blnf				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		
UB-BL-RB-FU	arni		blnh					0		
UB-BL-RB-FL	arnl		blni					0		
UB-BL-RB-LF	arnf		blnj					0		
UB-BL-RB-LB	arnh		blink					0		A
UB-BL-RB-FR	arnj		blnp					0		O
UB-BL-RB-LD	arng		blnq					0		
UB-BL-RB-RD	arno		blns					0		O
UB-BL-RB-DL	arnx		blnt					0		O
UB-BL-RB-DB	arnw		blnu					0		
UB-BL-RB-DR	arnv		blnv					0		
UB-BL-RF-UL	arpd		bloa					0		
UB-BL-RF-UR	arpb		bloc					0		
UB-BL-RF-DF	arpu		blod					0		
UB-BL-RF-LU	arpe		bloe					0		
UB-BL-RF-RU	arpm		blog					0		O
UB-BL-RF-FU	arpi		bloh					0		A
UB-BL-RF-FL	arpl		bloi					0		
UB-BL-RF-LF	arpf		bloj					0		O
UB-BL-RF-BR	arpt		blom					0		O
UB-BL-RF-RB	arpn		blon					0		P
UB-BL-RF-BD	arps		blor					0		C
UB-BL-RF-DL	arpx		blot					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-BL-RF-DB	arpw	blou				0			0
	UB-BL-RF-DR	arpv	blov				0			
	UB-BL-FR-UL	arjd	blpa				0			
	UB-BL-FR-UR	arjb	blpc	kbjq lskt lapj	R' U' R E' R2 S R' S' R2 U E R		12			A
	UB-BL-FR-DF	arju	blpd				0			
	UB-BL-FR-LU	arje	blpe				0			0
	UB-BL-FR-RU	arjm	blpg	shak slsk ubgt	S L' U R' S R2 S R' S2 U' L S'		12			
	UB-BL-FR-FU	arji	blph				0			
	UB-BL-FR-FL	arjl	blpi				0			
	UB-BL-FR-LF	arjf	blpj				0			
	UB-BL-FR-BR	arjt	blpm				0			0
	UB-BL-FR-RB	arjn	blpn				0			A
	UB-BL-FR-LD	arjg	blpq				0			A
	UB-BL-FR-BD	arjs	blpr				0			
	UB-BL-FR-RD	arjo	blps				0			
	UB-BL-FR-DB	arjw	blpu				0			
	B-BL-FR-DB	arjw	blpu				0			
	UB-BL-FR-DR	arjv	blpv				0			A
	UB-BL-LD-UL	argd	blqa				0			
	UB-BL-LD-UR	argb	blqc				0			
	UB-BL-LD-DF	argu	blqd				0			
	UB-BL-LD-LU	arge	blqe				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-BL-LD-RU	argm	blqg				0			
	UB-BL-LD-FU	argi	blqh				0			
	UB-BL-LD-FL	argl	blqi				0		A	
	UB-BL-LD-LF	argf	blqj				0		O	
	UB-BL-LD-BR	argt	blqm				0			
	UB-BL-LD-RB	argn	blqn				0			
	UB-BL-LD-FR	argj	blqp				0			
	UB-BL-LD-BD	args	blqr				0			
	UB-BL-LD-RD	argo	blqs				0			
	UB-BL-LD-DB	argw	blqu				0		P	
	UB-BL-LD-DR	argv	blqv	fbsa hatb gf	D2 U' S U L' U S' U' L D2		10			
	UB-BL-BD-UR	arsb	blrc				0			
	UB-BL-BD-RU	arsm	blrg				0			
	UB-BL-BD-FU	arsi	blrh				0			
	UB-BL-BD-FL	arsl	blri				0		O	
	UB-BL-BD-LF	arsf	blrj				0			
	UB-BL-BD-BR	arst	blrm				0		P	
	UB-BL-BD-RB	arsn	blrn	npwp ovrl wnvl	M' E' E M2 F E2 R2 F' M' F R2		12			
	UB-BL-BD-RF	arsp	blro				0			
	UB-BL-BD-FR	arsj	blrp				0		O	
	UB-BL-BD-RD	arso	blrs				0			
	UB-BL-BD-DL	arsx	blrt				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
	UB-BL-BD-DR	arsv	blrv				0			
	UB-BL-RD-UL	arod	blsa				0			
	UB-BL-RD-UR	arob	blsc				0		0	
	UB-BL-RD-DF	arou	blsd				0		A	
	UB-BL-RD-LU	aroe	blse				0			
	UB-BL-RD-RU	arom	blsg				0			
	UB-BL-RD-FU	aroj	blsh				0		F	
	UB-BL-RD-FL	arol	blsi				0			
	UB-BL-RD-LF	arof	blsj				0			
	UB-BL-RD-BR	arot	blsm				0		A	
	UB-BL-RD-RB	aron	blsn				0			
	UB-BL-RD-LD	arog	blsq				0			
	UB-BL-RD-BD	aros	blsr				0		F	
	UB-BL-RD-DL	arox	blst				0		A	
	UB-BL-RD-DB	arow	blsu	mkqk bjpk bncl	r' E' R' U' R E R' U' M' U2 R2		12			
	UB-BL-RD-FD	arok	blsx				0		A	
	UB-BL-DL-UL	arxd	blta				0			
	UB-BL-DL-UR	arxb	bltc				0		A	
	UB-BL-DL-LU	arxe	blte				0			
	UB-BL-DL-RU	arxm	bltg				0			
	UB-BL-DL-FL	arxl	blti	fahu gtf tb	D2 U L' S2 L S' D2 S' U'		9		0	
	UB-BL-DL-LF	arxf	bltj				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-BL-DL-BR	arxt	bltm				0			P
	UB-BL-DL-RB	arxn	bltn				0			P
	UB-BL-DL-RF	arxp	bito				0			
	UB-BL-DL-FR	arxj	bltp				0			
	UB-BL-DL-BD	arxs	bltr				0			
	UB-BL-DL-RD	arxo	blts				0			O
	UB-BL-DL-DB	arxw	bltu				0			C
	UB-BL-DL-DR	arxv	bltv				0			
	UB-BL-DB-UL	arwd	bla	boam gcna oah	U' M2 U I U2 M' U M2 U L'		11			
	UB-BL-DB-UR	arwb	bluc	nhxc maoa xh	I F2 U2 M U M2 U F2 L'		10			
	UB-BL-DB-DF	arwu	blud				0			O
	UB-BL-DB-LU	arwe	blue	qnka oamc ojp	E' M' R' U M2 U M U2 M2 R E		11			O
	UB-BL-DB-BU	arwq	bluf				0			A
	UB-BL-DB-RU	arwm	blug	pkwo wmxm jq	E R' F' M2 F' M F2 M R E'		10			
	UB-BL-DB-FU	arwi	bluh				0			
	UB-BL-DB-FL	arwl	blui	pwow mxmq	E F' M2 F' M F2 M E'		8			A
	UB-BL-DB-LF	arwf	bluj	mblq kesa xpvd	M U' R2 E' R' D' S U F2 E F D		12			
	UB-BL-DB-BR	arwt	blum	qxpm rvmp vp	E' F2 E M E2 F M E F E		10			A
	UB-BL-DB-RB	arwn	blun	jpiw owmx mkqk	R E R F' M2 F' M F2 r' E' R'		12			
	UB-BL-DB-RF	arwp	bluo	gthw owmx jqmk	L S' L' F' M2 F' M F2 R E' r'		12			
	UB-BL-DB-FR	arwj	blup	qlvo vmxm lp	E' R2 F M2 F M F2 M R2 E		10			A
	UB-BL-DB-LD	arwg	bluq	qhmd odmf kp	E' R M D M2 D M D2 R' E		10			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-BL-DB-RD	arwo	blus	pmge oemf hq	E I D' M2 D' M D2 L' E'		10			
	UB-BL-DB-DL	arwx	blut	mkvr wjcn aua	r' F E2 F' R U2 M' U S2 U		11			
	UB-BL-DB-DR	arwv	bluv	dmfj rmkd jrk	D M D2 R E2 r' D R E2 R'		11			
	UB-BL-DR-UL	arvd	biva	hdoe heo di	L' D M2 D' L' D' M2 D L2		9			
	UB-BL-DR-UR	arvb	blvc	latc sakq lpj	R2 U S' U2 S U R' E' R2 E R		11			
	UB-BL-DR-DF	arvu	blvd				0		C	
	UB-BL-DR-LU	arve	blve				0			
	UB-BL-DR-BU	arvq	blvf				0		O	
	UB-BL-DR-RU	arvm	blvg				0			
	UB-BL-DR-FU	arvi	blvh				0			
	UB-BL-DR-FL	arvl	blvi				0			
	UB-BL-DR-LF	arvf	blvj				0		A	
	UB-BL-DR-RB	arvn	blvn				0		F	
	UB-BL-DR-RF	arvp	blvo				0			
	UB-BL-DR-FR	arvj	blvp				0		O	
	UB-BL-DR-LD	arvg	blvq				0			
	UB-BL-DR-BD	arvs	blvr				0		P	
	UB-BL-DR-DL	arvx	blvt				0			
	UB-BL-DR-DB	arvw	blvu	mguh fmdg uhd	I S2 L' D2 M D L S2 L' D		11			
	UB-BR-UL-UR	atdb	bmac				0			
	UB-BR-UL-DF	atdu	bmad				0			
	UB-BR-UL-RU	atdm	bmag				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		
	UB-BR-UL-FL	atdl	bmai					0		
	UB-BR-UL-LF	atdf	bmaj					0		
	UB-BR-UL-LB	atdh	bmak					0		
	UB-BR-UL-BL	atdr	bmal					0		
	UB-BR-UL-FR	atdj	bmap					0		
	UB-BR-UL-LD	atdg	bmaq					0		C
	UB-BR-UL-BD	atds	bmar					0		A
	UB-BR-UL-RD	atdo	bmas					0		
	UB-BR-UL-DL	atdx	bmat					0		
	UB-BR-UL-DR	atdv	bmav					0		
	UB-BR-UR-UL	atbd	bmca					0		
	UB-BR-UR-DF	atbu	bmcd					0		
	UB-BR-UR-LU	atbe	bmce					0		
	UB-BR-UR-FU	atbi	bmch					0		O
	UB-BR-UR-FL	atbl	bmci					0		
	UB-BR-UR-LB	atbh	bmck					0		O
	UB-BR-UR-BL	atbr	bmcl					0		
	UB-BR-UR-RF	atbp	bmco					0		
	UB-BR-UR-FR	atbj	bmcp					0		
	UB-BR-UR-LD	atbg	bmcq					0		
	UB-BR-UR-BD	atbs	bmcr					0		
	UB-BR-UR-RD	atbo	bmcs					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-BR-UR-DL	atbx	bmct	jbuk tlk ak	R U' S2 R' S' R2 S' R' U R'		10			
	UB-BR-UR-DB	atbw	bmcu				0			
	UB-BR-DF-UL	atud	bmda				0			
	UB-BR-DF-UR	atub	bmdc				0			
	UB-BR-DF-LU	atue	bmde				0			
	UB-BR-DF-BU	atuq	bmdf				0			
	UB-BR-DF-RU	atum	bmdg				0			
	UB-BR-DF-FL	atul	bmdi				0			
	UB-BR-DF-LF	atuf	bmdj				0			
	UB-BR-DF-LB	atuh	bmdk				0			
	UB-BR-DF-BL	atur	bmdl				0			A
	UB-BR-DF-RF	atup	bmdo				0			
	UB-BR-DF-FR	atuj	bmdp				0			
	UB-BR-DF-LD	atug	bmdq				0			
	UB-BR-DF-RD	atuo	bmds				0			
	UB-BR-LU-UR	ateb	bme				0			
	UB-BR-LU-DF	ateu	bmed				0			
	UB-BR-LU-RU	atem	bmeg				0			
	UB-BR-LU-FU	atei	bmeh				0			
	UB-BR-LU-FL	atel	bmei				0			
	UB-BR-LU-LB	ateh	bmek				0			
	UB-BR-LU-RF	atep	bmeo				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-BR-LU-FR	atej	btep	tatl tuj bs	S' U S' R2 S' R S2 R U' S		10			
	UB-BR-LU-LD	ateg	bteq	tjeo dkdo es	S' R D' M2 D R' D M2 D' S		10			
	UB-BR-LU-BD	ates	bmer				0			
	UB-BR-LU-DL	atex	bmet				0			
	UB-BR-LU-DB	atew	bmeu				0			
	UB-BR-LU-DR	atev	bmev				0			
	UB-BR-BU-UL	atqd	bmfa				0			
	UB-BR-BU-DF	atqu	bmfd				0		0	
	UB-BR-BU-LU	atqe	bmfe				0			
	UB-BR-BU-RU	atqm	bmfg				0			
	UB-BR-BU-FL	atql	bmfi				0			
	UB-BR-RU-UL	atmd	bmga				0			
	UB-BR-RU-LU	atme	bmge				0			
	UB-BR-RU-FU	atmi	bmgh				0			
	UB-BR-RU-BL	atmr	bmgl				0			
	UB-BR-RU-RF	atmp	bmgo				0			
	UB-BR-RU-LD	atmg	bmqq				0			
	UB-BR-RU-BD	atms	bmqr				0			
	UB-BR-RU-RD	atmo	bmgs				0			
	UB-BR-RU-DL	atmx	bmgt				0			
	UB-BR-FU-UL	atid	bmha				0			
	UB-BR-FU-LU	atie	bmhe				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-BR-FU-RU	atim	bmhg				0			
	UB-BR-FU-FL	atil	bmhi				0			
	UB-BR-FU-LF	atif	bmhj				0			
	UB-BR-FU-RF	atip	bmho				0			
	UB-BR-FU-DB	atiw	bmhu				0			
	UB-BR-FL-UL	atld	bmia	xeku jbju kadx	F2 D' R' S2 R U' R S2 R' U D F2		12			
	UB-BR-FL-UR	atlb	bmic	nlwo vjvo wmj	M' R2 F' M2 F R F M2 F' M R		11			
	UB-BR-FL-DF	atlu	bmid				0		0	
	UB-BR-FL-LU	atle	bmie	akvo cmao anw jb	U R' F M2 U2 M U M2 U M' F' R U'		13		L	
	UB-BR-FL-RU	atlm	bmig	nldv owew ovml	M' R2 D F M2 F' D' F' M2 F M R2		12		C	
	UB-BR-FL-FU	atli	bmih				0			
	UB-BR-FL-LB	atlh	bmik				0			
	UB-BR-FL-BL	atlr	bmil				0			
	UB-BR-FL-RF	atlp	bmio	pwlx pmvn vivr	E F' L2 F2 E M F M' F L2 F E2		12			
	UB-BR-FL-FR	atlj	bmip	gatl tjuj bh	L U S' R2 S' R S2 R U' L'		10			
	UB-BR-FL-LD	atlg	bmiq	wenv bsdt kamv	F' D' M' F U' S D S' R' U M F		12			
	UB-BR-FL-BD	atls	bmir	lwco wmvc vml	R2 F' U2 M2 F' M F U2 F M R2		11		0	
	UB-BR-FL-DL	atlx	bmit	jtgt ltgu ak	R U' L S' L2 S' L S2 U R'		10		C	
	UB-BR-FL-DB	atlw	bmiu	mclv lclv nl	M U2 R2 F R2 U2 R2 F M' R2		10			
	UB-BR-LF-UL	atfd	bmja				0			A
	UB-BR-LF-UR	atfb	bmjc				0			
	UB-BR-LF-DF	atfu	bmjd				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		
UB-BR-LF-LU	atfe	bmje					0			
UB-BR-LF-RU	atfm	bmjg					0		A	
UB-BR-LF-FU	atfi	bmjh					0		O	
UB-BR-LF-LB	atfh	bmjk					0			
UB-BR-LF-BL	atfr	bmjl					0		C	
UB-BR-LF-RF	atfp	bmjo					0			
UB-BR-LF-FR	atfj	bmjp					0			
UB-BR-LF-LD	atfg	bmjq					0		P	
UB-BR-LF-BD	atfs	bmjr					0			
UB-BR-LF-RD	atfo	bmjs					0			
UB-BR-LF-DL	atfx	bmjt					0		O	
UB-BR-LF-DB	atfw	bmju					0			
UB-BR-LF-DR	atfv	bmjv					0			
UB-BR-LB-UL	athd	bmka					0			
UB-BR-LB-UR	athb	bmkc					0			
UB-BR-LB-LU	athe	bmke					0			
UB-BR-LB-RU	athm	bmkg					0			
UB-BR-LB-FU	athi	bmkh					0			
UB-BR-LB-FL	athl	bmki					0			
UB-BR-LB-LF	athf	bmkj					0			
UB-BR-LB-RF	athp	bmko					0			
UB-BR-LB-FR	athj	bmkp					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		
UB-BR-LB-LD	athg		bmkq					0		
UB-BR-LB-BD	aths		bmkr					0		
UB-BR-LB-RD	atho		bmks					0		A
UB-BR-LB-DB	athw		bmku					0		
UB-BR-LB-DR	athv		bmkv					0		
UB-BR-BL-UL	atrd		bmla					0		
UB-BR-BL-UR	atrb		bmlc					0		
UB-BR-BL-DF	atru		bmld					0		P
UB-BR-BL-LU	atre		bml e					0		
UB-BR-BL-RU	atrm		bmlg					0		O
UB-BR-BL-FL	atrl		bml i					0		
UB-BR-BL-LF	atrf		bmlj					0		P
UB-BR-BL-RF	atrp		bml o					0		
UB-BR-BL-LD	atrg		bmlq					0		
UB-BR-BL-BD	atrs		bmlr					0		
UB-BR-BL-DL	atr x		bmlt					0		O
UB-BR-BL-DR	atrv		bmlv					0		F
UB-BR-RF-UL	atpd		bmoa					0		
UB-BR-RF-UR	atpb		bmoc					0		
UB-BR-RF-FU	atpi		bmoh					0		
UB-BR-RF-FL	atpl		bmoi					0		
UB-BR-RF-LD	atpg		bmoq					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-BR-RF-BD	atps	bmor				0			
	UB-BR-RF-RD	atpo	bmos				0			
	UB-BR-RF-DL	atpx	bmot				0			
	UB-BR-RF-DB	atpw	bmou				0			
	UB-BR-FR-UL	atjd	bmpa				0			
	UB-BR-FR-UR	atjb	bmpc	jtks btju ltja	R S' R' S U' S' R S2 R2 S' R U		12			
	UB-BR-FR-DF	atju	bmpd				0			
	UB-BR-FR-LU	atje	bmpe				0			
	UB-BR-FR-RU	atjm	bmpg				0			
	UB-BR-FR-FU	atji	bmpf				0			
	UB-BR-FR-FL	atjl	bmpi				0			
	UB-BR-FR-LF	atjf	bmpj				0		0	
	UB-BR-FR-LB	atjh	bmpk				0			
	UB-BR-FR-BL	atjr	bmpl				0			
	UB-BR-FR-LD	atjg	bmpq				0			
	UB-BR-FR-BD	atjs	bmpr				0			
	UB-BR-FR-RD	atjo	bmps				0		0	
	UB-BR-FR-DL	atjx	bmpt				0			
	UB-BR-FR-DB	atjw	bmpu				0			
	UB-BR-FR-DR	atjv	bmpv				0			
	UB-BR-LD-UL	atgd	bmqa				0			
	UB-BR-LD-DF	atgu	bmqd				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-BR-LD-LU	atge	bmqe				0			
	UB-BR-LD-FL	atgl	bmqi				0			
	UB-BR-LD-LF	atgf	bmqj	jpkd mejb qsak	R E R' D M D' R U' E' S U R'		12		0	
	UB-BR-LD-LB	atgh	bmqk				0		C	
	UB-BR-LD-RF	atgp	bmqo				0			
	UB-BR-LD-FR	atgj	bmqp	katb lbs ak	R' U S' U' R2 U' S U R'		9			
	UB-BR-LD-BD	atgs	bmqr				0			
	UB-BR-LD-DB	atgw	bmqu				0		A	
	UB-BR-LD-DR	atgv	bmqv				0			
	UB-BR-BD-UL	atsd	bmra				0			
	UB-BR-BD-UR	atsb	bmrc				0			
	UB-BR-BD-LU	atse	bmre				0		O	
	UB-BR-BD-BU	atsq	bmrf				0			
	UB-BR-BD-RU	atsm	bmrq				0			
	UB-BR-BD-FU	atsi	bmrh				0		P	
	UB-BR-BD-FL	atsl	bmri				0		A	
	UB-BR-BD-LF	atsf	bmrj				0		P	
	UB-BR-BD-LB	atsh	bmrk				0		O	
	UB-BR-BD-BL	atsr	bmrl				0			
	UB-BR-BD-RF	atsp	bmro				0			
	UB-BR-BD-LD	atsg	bmrq				0		P	
	UB-BR-BD-RD	atso	bmrs				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		
UB-BR-BD-DL	atsx		bmrt					0		
UB-BR-BD-DR	atsv		bmrw					0		
UB-BR-RD-UL	atod		bmsa					0		
UB-BR-RD-UR	atob		bmsc					0		
UB-BR-RD-DF	atou		bmsd					0		
UB-BR-RD-LU	atoe		bmse					0		
UB-BR-RD-RU	atom		bmsg					0		
UB-BR-RD-FU	atoi		bmsh					0		L
UB-BR-RD-FL	atol		bmsi					0		
UB-BR-RD-LF	atof		bmsj					0		
UB-BR-RD-LB	atoh		bmsk					0		
UB-BR-RD-BL	ator		bmsl					0		A
UB-BR-RD-RF	atop		bmso					0		
UB-BR-RD-FR	atoj		bmsp					0		
UB-BR-RD-LD	atog		bmsq					0		
UB-BR-RD-BD	atos		bmsr					0		A
UB-BR-RD-DL	atox		bmst					0		F
UB-BR-RD-DB	atow		bmsu					0		
UB-BR-RD-DR	atov		bmsv					0		L
UB-BR-DL-UL	atxd		bmta					0		
UB-BR-DL-UR	atxb		bmtc					0		C
UB-BR-DL-DF	atxu		bmtd					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		
UB-BR-DL-LU	atxe	bmte					0			
UB-BR-DL-RU	atxm	bmtg					0			
UB-BR-DL-FU	atxi	bmth					0		C	
UB-BR-DL-FL	atxl	bmti					0			
UB-BR-DL-LF	atxf	bmtj					0			
UB-BR-DL-LB	atxh	bmtk					0			
UB-BR-DL-BL	atxr	bmtl					0			
UB-BR-DL-RF	atxp	bmto					0			
UB-BR-DL-FR	atxj	bmtp					0			
UB-BR-DL-BD	atxs	bmtr					0			
UB-BR-DL-RD	atxo	bmts					0		A	
UB-BR-DL-DR	atxv	bmtv					0		A	
UB-BR-DB-UR	atwb	bmuc					0			
UB-BR-DB-DF	atwu	bmud					0			
UB-BR-DB-LU	atwe	bmue					0			
UB-BR-DB-BU	atwq	bmuf					0			
UB-BR-DB-RU	atwm	bmug					0			
UB-BR-DB-FL	atwl	bmui					0			
UB-BR-DB-LF	atwf	bmuj					0			
UB-BR-DB-LB	atwh	bmuk					0			
UB-BR-DB-BL	atwr	bmul					0			
UB-BR-DB-RF	atwp	bmuo					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		
	UB-BR-DB-FR	atwj	bmup					0		
	UB-BR-DB-LD	atwg	bmuq	qmkd odmf jp	E' r' D M2 D M D2 R E			10		
	UB-BR-DB-RD	atwo	bmus					0		
	UB-BR-DB-DL	atwx	bmut	imkx cmbo bxij	L2 r' F2 U2 M U' M2 U' F2 L2 R			12		
	UB-BR-DB-DR	atwv	bmuv					0		
	UB-BR-DR-UL	atvd	bmva	halq sktp kbg	L' U R2 E' S R' S' E R' U' L			11		
	UB-BR-DR-UR	atvb	bmvc	jbuia jtls bua	R U' S2 U R S' R2 S U' S2 U			11		
	UB-BR-DR-DF	atvu	bmvd					0		
	UB-BR-DR-LU	atve	bmve					0		
	UB-BR-DR-RU	atvm	bmvg					0		
	UB-BR-DR-FL	atvl	bmvi					0		
	UB-BR-DR-LF	atvf	bmvj					0		
	UB-BR-DR-LB	atvh	bmvk					0		
	UB-BR-DR-FR	atvj	bmvp					0		
	UB-RB-UL-UR	andb	bnac					0		
	UB-RB-UL-DF	andu	bnad					0		A
	UB-RB-UL-BU	andq	bnaf					0		
	UB-RB-UL-RU	andm	bnag					0		
	UB-RB-UL-FU	andi	bnah					0		
	UB-RB-UL-FL	andl	bnai					0		
	UB-RB-UL-LF	andf	bnaj					0		C
	UB-RB-UL-LB	andh	bnak					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-RB-UL-BL	andr	bnal				0			
	UB-RB-UL-RF	andp	bnao				0		A	
	UB-RB-UL-FR	andj	bnap				0			
	UB-RB-UL-BD	ands	bnar				0			
	UB-RB-UL-DL	andx	bnat				0		A	
	UB-RB-UL-DR	andv	bnav				0		O	
	UB-RB-UR-UL	anbd	bnca				0		C	
	UB-RB-UR-DF	anbu	bncd				0			
	UB-RB-UR-LU	anbe	bnce				0			
	UB-RB-UR-FL	anbl	bnci				0			
	UB-RB-UR-LF	anbf	bncj				0			
	UB-RB-UR-LB	anbh	bnck				0		O	
	UB-RB-UR-BL	anbr	bncl				0		A	
	UB-RB-UR-RF	anbp	bnco				0		F	
	UB-RB-UR-FR	anbj	bncp				0		A	
	UB-RB-UR-LD	anbg	bncq				0			
	UB-RB-UR-BD	anbs	bnqr				0		O	
	UB-RB-UR-RD	anbo	bnqs				0			
	UB-RB-UR-DL	anbx	bnct	cktj btlt ktkb	U2 R' S' R U' S' R2 S' R' S' R' U'		12			
	UB-RB-UR-DR	anbv	bncv				0			
	UB-RB-DF-UL	anud	bnda				0			
	UB-RB-DF-UR	anub	bndc				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
	UB-RB-DF-LU	anue	bnde				0			
	UB-RB-DF-RU	anum	bndg				0			
	UB-RB-DF-FU	anui	bndh				0			P
	UB-RB-DF-FL	anul	bndi				0			O
	UB-RB-DF-LF	anuf	bndj				0			
	UB-RB-DF-LB	anuh	bndk				0			
	UB-RB-DF-BL	anur	bndl				0			O
	UB-RB-DF-RF	anup	bndo				0			
	UB-RB-DF-FR	anuj	bndp				0			C
	UB-RB-DF-LD	anug	bndq				0			A
	UB-RB-DF-BD	anus	bndr				0			
	UB-RB-DF-RD	anuo	bnds				0			
	UB-RB-DF-DL	anux	bndt				0			P
	UB-RB-DF-DR	anuv	bndv				0			A
	UB-RB-LU-FU	anei	bneh				0			A
	UB-RB-LU-LF	anef	bnej	bkcv anbm wcja	U' R' U2 F U M' U' M F' U2 R U		12			
	UB-RB-LU-LB	aneh	bnek				0			
	UB-RB-LU-BL	aner	bnel				0			A
	UB-RB-LU-RF	anep	bneo				0			A
	UB-RB-LU-FR	anej	bnep				0			
	UB-RB-LU-LD	aneg	bneq				0			
	UB-RB-LU-RD	aneo	bnes				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
UB-RB-LU-DL	anex		bnet				0			O
UB-RB-LU-DB	anew		bneu				0			
UB-RB-BU-UL	anqd		bnfa				0			
UB-RB-BU-LU	anqe		bnfe				0			
UB-RB-BU-FU	anqi		bnfh				0			
UB-RB-BU-FL	anql		bnfi				0			
UB-RB-BU-LF	anqf		bnfj				0			
UB-RB-BU-LB	anqh		bnfk				0			A
UB-RB-BU-LD	anqg		bnfq				0			
UB-RB-BU-DL	anqx		bnft				0			A
UB-RB-RU-UL	anmd		bnga				0			O
UB-RB-RU-DF	anmu		bngd				0			P
UB-RB-RU-LU	anme		bnge				0			A
UB-RB-RU-BU	anmq		bngf				0			
UB-RB-RU-FU	anmi		bngh				0			
UB-RB-RU-FL	anml		bngi				0			A
UB-RB-RU-LF	anmf		bngj				0			
UB-RB-RU-LB	anmh		bngk				0			
UB-RB-RU-BL	anmr		bngl				0			C
UB-RB-RU-RD	anmo		bngs				0			
UB-RB-FU-UL	anid		bnha				0			
UB-RB-FU-LU	anie		bnhe				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		
	UB-RB-FU-FL	anil	bnhi					0		C
	UB-RB-FU-LF	anif	bnhj					0		
	UB-RB-FU-BR	anit	bnhm					0		
	UB-RB-FU-LD	anig	bnhq					0		
	UB-RB-FU-BD	anis	bnhr					0		
	UB-RB-FU-RD	anio	bnhs					0		
	UB-RB-FU-DL	anix	bnht					0		A
	UB-RB-FU-DB	aniw	bnhu					0		
	UB-RB-FU-DR	aniv	bnhv					0		
	UB-RB-FL-UL	anld	bnia					0		
	UB-RB-FL-UR	anlb	bnic					0		C
	UB-RB-FL-DF	anlu	bnid					0		
	UB-RB-FL-LU	anle	bnie	vkat bujv ktjx	F R' U S' U' S2 R F R' S' R F2			12		
	UB-RB-FL-BU	anlq	bnif					0		
	UB-RB-FL-RU	anlm	bnig					0		
	UB-RB-FL-LB	anlh	bnik					0		P
	UB-RB-FL-BL	anlr	bnil					0		A
	UB-RB-FL-RF	anlp	bnio					0		A
	UB-RB-FL-FR	anlj	bnip					0		
	UB-RB-FL-LD	anlg	bniq					0		
	UB-RB-FL-BD	anls	bnir					0		
	UB-RB-FL-DB	anlw	bniu					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-RB-LF-UL	anfd	bnja				0			A
	UB-RB-LF-DF	anfu	bnjd				0			A
	UB-RB-LF-LU	anfe	bnje				0			
	UB-RB-LF-FU	anfi	bnjh				0			
	UB-RB-LF-LB	anfh	bnjk	pgbs ctbg qi	E L U' S U2 S' U' L E' L2		10			A
	UB-RB-LF-BL	anfr	bnjl	vlxq mwnw lwp	F R2 F2 E' M F' M' F' R2 F' E		11			O
	UB-RB-LF-RF	anfp	bnjo				0			
	UB-RB-LF-FR	anfj	bnjp				0			
	UB-RB-LF-BD	anfs	bnjr	kwak wnvm jbvj	R' F' U R' F' M' F M R U' F R		12			L
	UB-RB-LF-DB	anfw	bnju	wlvo vnxj njv	F' R2 F M2 F M' F2 R r F		11			O
	UB-RB-LF-DR	anfv	bnjv				0			
	UB-RB-LB-UL	anhd	bnka				0			P
	UB-RB-LB-DF	anhu	bnkd				0			
	UB-RB-LB-LU	anhe	bnke				0			
	UB-RB-LB-BU	anhq	bnkf				0			
	UB-RB-LB-RU	anhm	bnkg				0			
	UB-RB-LB-FU	anhi	bnkh				0			
	UB-RB-LB-FL	anhl	bnki	phat ishq hbg	E L' U S' L2 S L' E' L' U' L		11			O
	UB-RB-LB-LF	anhf	bnkj	wipi rmwn xp	F' L2 E L2 E2 M F' M' F2 E		10			
	UB-RB-LB-RF	anhp	bnko	vrlp mlvn px	F E2 R2 E M R2 F M' E F2		10			C
	UB-RB-LB-FR	anhj	bnkp	mvmv pvpv rwo	M F M F E F E F2 E2 F' M2		11			P
	UB-RB-LB-LD	anhg	bnkq				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
	UB-RB-LB-BD	anhs	bnkr	cvql pmlw cvnw	U2 F E' R2 E M R2 F' U2 F M' F'		12			P
	UB-RB-LB-RD	anho	bnks	hcgw rvkv rvj	L' U2 L F' E2 F R' F E2 F R		11			A
	UB-RB-LB-DL	anhx	bnkt				0			O
	UB-RB-LB-DB	anhw	bnku	xqmv pxpw mq	F2 E' M F E F2 E F' M E'		10			P
	UB-RB-LB-DR	anhv	bnkv	emxn vqlp lvd	D' M F2 M' F E' R2 E R2 F D		11			F
	UB-RB-BL-UL	anrd	bnla				0			A
	UB-RB-BL-LU	anre	bnle	cjvq wknc mvpw	U2 R F E' F' R' M' U2 M F E F'		12			A
	UB-RB-BL-RU	anrm	bnlg				0			
	UB-RB-BL-FU	anri	bnlh				0			
	UB-RB-BL-FL	anrl	bnli				0			A
	UB-RB-BL-LF	anrf	bnlj				0			O
	UB-RB-BL-RF	anrp	bnlo				0			
	UB-RB-BL-FR	anrj	bnlp				0			
	UB-RB-BL-LD	anrg	bnlq				0			A
	UB-RB-BL-BD	anrs	bnlr				0			
	UB-RB-BL-RD	anro	bnls				0			O
	UB-RB-BL-DL	anrx	bnlt				0			O
	UB-RB-BL-DR	anrv	bnlv				0			F
	UB-RB-RF-UL	apd	bnoa				0			
	UB-RB-RF-UR	apb	bnoc				0			
	UB-RB-RF-DF	apu	bnod				0			
	UB-RB-RF-LU	ape	bnoe				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		
UB-RB-RF-RU	anpm		bnog					0		
UB-RB-RF-FU	anpi		bnoh					0		
UB-RB-RF-LF	anpf		bnoj					0		
UB-RB-RF-LB	anph		bnok					0		
UB-RB-RF-BL	anpr		bnol					0		
UB-RB-RF-BD	anps		bnor					0		
UB-RB-RF-RD	anpo		bnos					0		
UB-RB-RF-DL	anpx		bnot					0		P
UB-RB-RF-DB	anpw		bnou					0		
UB-RB-FR-UL	anjd		bnpa					0		
UB-RB-FR-UR	anjb		bnpc					0		
UB-RB-FR-FU	anji		bnph					0		
UB-RB-FR-FL	anjl		bnpi					0		
UB-RB-FR-LF	anjf		bnpj					0		
UB-RB-FR-LB	anjh		bnpk					0		
UB-RB-FR-BL	anjr		bnpl					0		A
UB-RB-FR-LD	anjg		bnpq					0		
UB-RB-FR-BD	anjs		bnpr					0		
UB-RB-FR-RD	anjo		bnps					0		
UB-RB-FR-DB	anjw		bnpu					0		
UB-RB-FR-DR	anjv		bnpv					0		
UB-RB-LD-UL	angd		bnqa					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		
UB-RB-LD-UR	angb		bnqc					0		
UB-RB-LD-DF	angu		bnqd					0		
UB-RB-LD-LU	ange		bnqe					0		
UB-RB-LD-RU	angm		bnqg					0		0
UB-RB-LD-FU	angi		bnqh					0		F
UB-RB-LD-LF	angf		bnqj					0		
UB-RB-LD-BL	angr		bnql					0		A
UB-RB-LD-RF	angp		bnqo					0		
UB-RB-LD-FR	angj		bnqp					0		
UB-RB-LD-BD	angs		bnqr					0		
UB-RB-LD-RD	ango		bnqs					0		
UB-RB-LD-DB	angw		bnqu					0		
UB-RB-LD-DR	angv		bnqv					0		
UB-RB-LD-FD	angk		bnqx					0		
UB-RB-BD-UL	ansd		bnra					0		
UB-RB-BD-DF	ansu		bnrd					0		
UB-RB-BD-LU	anse		bnre					0		
UB-RB-BD-FU	ansi		bnrh					0		A
UB-RB-BD-FL	ansl		bnri					0		
UB-RB-BD-LF	ansf		bnrj					0		
UB-RB-BD-LB	ansh		bnrk					0		
UB-RB-BD-BL	ansr		bnrl					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		
	UB-RB-BD-RF	ansp	bnro					0		
	UB-RB-BD-FR	ansj	bnrp					0	O	
	UB-RB-BD-RD	anso	bnrs					0	C	
	UB-RB-BD-DL	ansx	bnrt					0		
	UB-RB-BD-DR	ansv	bnrv					0		
	UB-RB-RD-UL	anod	bnsa					0		P
	UB-RB-RD-UR	anob	bnsc					0		
	UB-RB-RD-LU	anoe	bnse					0		
	UB-RB-RD-BU	anoq	bnsf					0		
	UB-RB-RD-RU	anom	bnsg	kclc lasa kbta	R' U2 R2 U2 R2 U S U R' U' S' U			12		
	UB-RB-RD-FU	anoi	bnsh					0		
	UB-RB-RD-FL	anol	bnsi					0	P	
	UB-RB-RD-LF	anof	bnsj					0		
	UB-RB-RD-BL	anor	bnsl					0		
	UB-RB-RD-RF	anop	bnsn					0		
	UB-RB-RD-FR	anoj	bnsn					0		
	UB-RB-RD-BD	anos	bnsr					0		
	UB-RB-DL-UL	anxd	bnta					0		F
	UB-RB-DL-UR	anxb	bntc					0		
	UB-RB-DL-LU	anxe	bnte					0		
	UB-RB-DL-RU	anxm	bntg					0		
	UB-RB-DL-FU	anxi	bnth					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-RB-DL-FL	anxl	bnti				0			P
	UB-RB-DL-LF	anxf	bntj				0			
	UB-RB-DL-LB	anxh	bntk				0			
	UB-RB-DL-BL	anxr	bntl				0		0	
	UB-RB-DL-RF	anxp	bnto				0			
	UB-RB-DL-FR	anxj	bntp				0			
	UB-RB-DL-BD	anxs	bntr				0			P
	UB-RB-DB-UL	anwd	bnuia				0			
	UB-RB-DB-UR	anwb	bnuic				0			
	UB-RB-DB-LU	anwe	bnuie				0		C	
	UB-RB-DB-FL	anwl	bnuif				0			
	UB-RB-DB-LF	anwf	bnuj				0		A	
	UB-RB-DB-BL	anwr	bnuil				0			
	UB-RB-DB-RF	anwp	bnuo				0			
	UB-RB-DB-FR	anwj	bnupe				0			
	UB-RB-DB-LD	anwg	bnuq	jmdo dmfk	R M D M2 D M D2 R'		8			
	UB-RB-DB-RD	anwo	bnuus				0		A	
	UB-RB-DB-DL	anwx	bnut	fcvq xpve ncme	D2 U2 F E' F2 E F D' M' U2 M D'		12			
	UB-RB-DB-DR	anwv	bnuv				0			
	UB-RB-DR-UL	anvd	bnva	alvb ntas mwlb	U R2 F U' M' S' U S M F' R2 U'		12		A	
	UB-RB-DR-UR	anvb	bnvc				0			
	UB-RB-DR-DF	anvu	bnvd				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
	UB-RB-DR-LU	anve	bnve				0			
	UB-RB-DR-RU	anvm	bnvg				0			
	UB-RB-DR-FL	anvl	bnvi				0			
	UB-RB-DR-LF	anvf	bnvj				0			
	UB-RB-DR-LB	anvh	bnvk				0			
	UB-RB-DR-BL	anvr	bnvl				0			
	UB-RB-DR-RF	anvp	bnvo				0		F	
	UB-RB-DR-FR	anvj	bnvp				0			
	UB-RB-DR-BD	anvs	bnvr				0			
	UB-RB-DR-DL	anvx	bnvt				0			
	UB-RB-DR-DB	anvw	bnvu				0			
	UB-RF-UL-DF	apdu	boad				0			
	UB-RF-UL-FL	apdl	boai				0			
	UB-RF-UL-LF	apdf	boaj				0			
	UB-RF-UL-LB	apdh	boak				0			
	UB-RF-UL-BL	apdr	boal	hbht hqhp hsag	L' U' L' S' L' E' L' E L' S U L		12			
	UB-RF-UL-BR	apdt	boam				0			
	UB-RF-UL-RB	apdn	boan				0			
	UB-RF-UL-LD	apdg	boaq				0			
	UB-RF-UL-BD	apds	boar				0		O	
	UB-RF-UL-RD	apdo	boas				0		O	
	UB-RF-UL-DL	apdx	boat				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
	UB-RF-UL-DB	apdw	boau				0		L	
	UB-RF-UL-DR	apdv	boav				0			
	UB-RF-UR-UL	apbd	boca				0			
	UB-RF-UR-FU	apbi	boch				0		A	
	UB-RF-UR-FL	apbl	boci				0			
	UB-RF-UR-LF	apbf	bocj				0			
	UB-RF-UR-LB	apbh	bock				0		P	
	UB-RF-UR-BL	apbr	bocl				0			
	UB-RF-UR-BR	apbt	bocm				0			
	UB-RF-UR-RB	apbn	bocn				0			
	UB-RF-UR-LD	apbg	bocq				0			
	UB-RF-UR-RD	apbo	bocs				0			
	UB-RF-UR-DL	apbx	boct	cjtk btlt jtjb	U2 R S' R' U' S' R2 S' R S' R U'		12			
	UB-RF-UR-DR	apbv	bocv				0			
	UB-RF-DF-UL	apud	boda				0			
	UB-RF-DF-LU	apue	bode				0		O	
	UB-RF-DF-FL	apul	bodi				0		O	
	UB-RF-DF-LF	apuf	bodj				0		C	
	UB-RF-DF-LB	apuh	bodk				0			
	UB-RF-DF-BR	aput	bodm				0		L	
	UB-RF-DF-RB	apun	bodn				0			
	UB-RF-DF-FR	apuj	bodp				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		
	UB-RF-DF-LD	apug	bodq					0		
	UB-RF-DF-BD	apus	bodr					0		C
	UB-RF-DF-RD	apuo	bods					0		O
	UB-RF-DF-DL	apux	bodt					0		
	UB-RF-DF-DR	apuv	bodv					0		
	UB-RF-LU-UR	apeb	boec	bgbv anbm waha	U' L U' F U M' U' M F' U L' U			12		
	UB-RF-LU-DF	apeu	boed					0		
	UB-RF-LU-RU	apem	boeg	ojao cnak bnao	M2 R U M2 U2 M' U R' U' M' U M2			12		
	UB-RF-LU-FU	apei	boeh					0		
	UB-RF-LU-FL	apel	boei	gvmx nvbs ctbh	L F M F2 M' F U' S U2 S' U' L'			12		O
	UB-RF-LU-LF	apef	boej	vktb snam jw	F R' S' U' S M' U M R F'			10		
	UB-RF-LU-LB	apeh	boek					0		L
	UB-RF-LU-BL	aper	boel					0		
	UB-RF-LU-BR	apet	boem					0		
	UB-RF-LU-RB	apen	boen					0		
	UB-RF-LU-LD	apeg	boeq					0		
	UB-RF-LU-RD	apeo	boes					0		
	UB-RF-LU-DL	apex	boet					0		
	UB-RF-LU-DB	apew	boeu					0		
	UB-RF-LU-DR	apev	boev					0		
	UB-RF-BU-LU	apqe	bofe					0		
	UB-RF-BU-BD	apqs	bofr					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		
	UB-RF-BU-RD	apqo	bofs					0		
	UB-RF-RU-UL	apmd	boga					0		
	UB-RF-RU-DF	apmu	bogd					0		A
	UB-RF-RU-LU	apme	boge					0		
	UB-RF-RU-FU	apmi	bogh					0		
	UB-RF-RU-FL	apml	bogi					0		O
	UB-RF-RU-LF	apmf	bogj					0		
	UB-RF-RU-LB	apmh	bogk					0		
	UB-RF-RU-BL	apmr	bogl					0		A
	UB-RF-RU-BR	apmt	bogm	vbjx tasb xkaw	F U' R F2 S' U S U' F2 R' U F'		12			C
	UB-RF-RU-RB	apmn	bogn					0		
	UB-RF-RU-FR	apmj	bogp					0		
	UB-RF-RU-LD	apmg	bogq					0		C
	UB-RF-RU-BD	apms	bogr					0		
	UB-RF-RU-RD	apmo	bogs					0		A
	UB-RF-RU-DL	apmx	bogt					0		
	UB-RF-RU-DB	apmw	bogu					0		A
	UB-RF-FU-UL	apid	boha					0		
	UB-RF-FU-LU	apie	bohe					0		
	UB-RF-FU-RU	apim	bohg					0		
	UB-RF-FU-LB	apih	bohk					0		O
	UB-RF-FU-BL	apir	bohl					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-RF-FU-BR	apit	bohm				0			
	UB-RF-FU-FR	apij	bohp				0			
	UB-RF-FU-BD	apis	bohr				0			P
	UB-RF-FU-DL	apix	boht				0			F
	UB-RF-FU-DB	apiw	bohu				0			
	UB-RF-FU-DR	apiv	bohv				0			
	UB-RF-FL-UL	apld	boaia				0			
	UB-RF-FL-UR	aplb	boic				0			O
	UB-RF-FL-DF	aplu	boid				0			
	UB-RF-FL-LU	aple	boie				0			
	UB-RF-FL-RU	aplm	boig				0			F
	UB-RF-FL-LB	aphl	boik				0			A
	UB-RF-FL-BL	aplr	boil				0			O
	UB-RF-FL-BR	aplt	boim				0			
	UB-RF-FL-RB	apln	boin				0			
	UB-RF-FL-LD	aplg	boiq				0			
	UB-RF-FL-BD	aps	boir				0			
	UB-RF-FL-RD	aplo	bois				0			
	UB-RF-FL-DL	aplx	boit				0			
	UB-RF-FL-DB	aplw	boiu	qmkw gthv jcnc	E' r' F' L S' L' F R U2 M' U2		12			
	UB-RF-FL-DR	aplv	boiv				0			
	UB-RF-LF-UL	apfd	boja				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
	UB-RF-LF-UR	apfb	bojc				0			
	UB-RF-LF-DF	apfu	bojd				0		O	
	UB-RF-LF-LU	apfe	boje				0		P	
	UB-RF-LF-BU	apfq	bojf				0			
	UB-RF-LF-RU	apfm	bojg				0			
	UB-RF-LF-FU	apfi	bojh				0			
	UB-RF-LF-LB	apfh	bojk				0		O	
	UB-RF-LF-BL	apfr	bojl				0			
	UB-RF-LF-BR	apft	bojm				0			
	UB-RF-LF-RB	apfn	bojn	cvcl cvnc kmk	U2 F U2 R2 U2 F M' U2 R' r'		11		P	
	UB-RF-LF-LD	apfg	bojq				0			
	UB-RF-LF-BD	apfs	bojr				0			
	UB-RF-LF-RD	apfo	bojs				0		L	
	UB-RF-LF-DL	apfx	bojt				0			
	UB-RF-LF-DB	apfw	boju				0			
	UB-RF-LF-DR	apfv	bojv				0			
	UB-RF-LB-UL	aphd	boka				0			
	UB-RF-LB-DF	aphu	bokd				0		L	
	UB-RF-LB-LU	aphe	boke				0			
	UB-RF-LB-RU	aphm	bokg				0			
	UB-RF-LB-FU	aphi	bokh				0			
	UB-RF-LB-FL	aphl	boki				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
			bokj				0			
	UB-RF-LB-LF	aphf	bokj				0			
	UB-RF-LB-BR	apht	bokm				0		L	
	UB-RF-LB-RB	aphn	bokn				0		O	
	UB-RF-LB-LD	aphg	bokq				0			
	UB-RF-LB-BD	aphs	bokr				0		P	
	UB-RF-LB-RD	apho	boks				0			
	UB-RF-LB-DL	aphx	bokt				0			
	UB-RF-LB-DB	aphw	boku				0			
	UB-RF-LB-DR	aphv	bokv	bqjx qxrs kta	U' E' R F2 E' F2 E2 S R' S' U		11			
	UB-RF-BL-UL	aprd	bola				0		A	
	UB-RF-BL-DF	apru	bold				0		F	
	UB-RF-BL-LU	apre	bole				0		L	
	UB-RF-BL-RU	aprm	bolg				0			
	UB-RF-BL-FU	apri	bolh				0			
	UB-RF-BL-FL	aprl	boli				0		L	
	UB-RF-BL-LF	aprf	bolj				0			
	UB-RF-BL-BR	aprt	bolm				0			
	UB-RF-BL-RB	aprn	boln				0		A	
	UB-RF-BL-BD	aprs	bolr				0		P	
	UB-RF-BL-RD	apro	bols				0		L	
	UB-RF-BL-DL	aprx	bolt				0		O	
	UB-RF-BL-DB	aprw	bolu				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		
UB-RF-BL-DR	apr v		bolv				0			
UB-RF-BR-UL	apt d		boma				0			
UB-RF-BR-UR	apt b		bomc				0			A
UB-RF-BR-DF	apt u		bomd				0			
UB-RF-BR-LU	apt e		bome				0			O
UB-RF-BR-FU	apt i		bomh				0			
UB-RF-BR-FL	apt l		bomi				0			
UB-RF-BR-LF	apt f		bomj				0			
UB-RF-BR-LB	apt h		bomk				0			A
UB-RF-BR-BL	apt r		boml				0			
UB-RF-BR-LD	apt g		bomq				0			
UB-RF-BR-BD	apt s		bomr				0			
UB-RF-BR-RD	apt o		boms				0			
UB-RF-BR-DL	apt x		bomt				0			
UB-RF-BR-DR	apt v		bomv				0			
UB-RF-RB-UR	apnb		bonc				0			
UB-RF-RB-DF	apnu		bond				0			A
UB-RF-RB-RU	apnm		bong				0			O
UB-RF-RB-FU	apni		bonh				0			
UB-RF-RB-FL	apnl		boni				0			L
UB-RF-RB-LF	apnf		bonj				0			
UB-RF-RB-LB	apnh		bonk				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		
UB-RF-RB-FR	apnj		bonp					0		
UB-RF-RB-LD	apng		bonq					0		
UB-RF-RB-BD	apns		bonr					0		A
UB-RF-RB-RD	apno		bons					0		
UB-RF-RB-DL	apnx		bont					0		
UB-RF-RB-DB	apnw		bonu					0		
UB-RF-RB-DR	apnv		bonv					0		
UB-RF-FR-UR	apjb		bopc					0		
UB-RF-FR-DF	apju		bopd					0		
UB-RF-FR-LU	apje		bope					0		
UB-RF-FR-BL	apjr		bopl					0		C
UB-RF-FR-RB	apjn		bopn					0		
UB-RF-FR-DB	apjw		bopu					0		
UB-RF-LD-UL	apgd		boqa					0		L
UB-RF-LD-UR	apggb		boqc					0		
UB-RF-LD-DF	apggu		boqd					0		F
UB-RF-LD-LU	apgge		boqe					0		
UB-RF-LD-RU	apgmm		boqq					0		
UB-RF-LD-FU	apgii		boqh					0		
UB-RF-LD-FL	apgll		boqi					0		O
UB-RF-LD-LF	apgff		boqj					0		
UB-RF-LD-BL	apgr		boql					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
			aaaa					0		0
UB-RF-LD-BR	apgt	boqm					0			
UB-RF-LD-RB	apgn	boqn					0			
UB-RF-LD-BD	apgs	boqr					0			
UB-RF-LD-RD	apgo	boqs					0			
UB-RF-LD-DR	apgv	boqv					0			
UB-RF-BD-UL	apsd	bora					0			
UB-RF-BD-UR	apsb	borc					0			
UB-RF-BD-DF	apsu	bord					0		F	
UB-RF-BD-LU	apse	bore					0		O	
UB-RF-BD-RU	apsm	borg					0		P	
UB-RF-BD-FU	apsi	borh					0		O	
UB-RF-BD-FL	apsl	bori					0		O	
UB-RF-BD-LF	apsf	borj					0			
UB-RF-BD-LB	apsh	bork					0		A	
UB-RF-BD-BL	apsr	borl					0			
UB-RF-BD-BR	apst	borm					0			
UB-RF-BD-RB	apsn	born					0		A	
UB-RF-BD-FR	apsj	borp					0			
UB-RF-BD-LD	apsg	borq					0			
UB-RF-BD-DL	apsx	bort					0			
UB-RF-BD-DR	apsv	borv					0		C	
UB-RF-RD-UL	apod	bosa					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-RF-RD-UR	apob	bosc	latb kbsa tjsl	R2 U S' U' R' U' S U S' R S R2		12			
	UB-RF-RD-DF	apou	bosd				0		L	
	UB-RF-RD-LU	apoe	bose				0		P	
	UB-RF-RD-RU	apom	bosg				0			
	UB-RF-RD-FU	apoi	bosh				0			
	UB-RF-RD-FL	apol	bosi				0			
	UB-RF-RD-LF	apof	bosj				0		L	
	UB-RF-RD-BL	apor	bosl				0			
	UB-RF-RD-BR	apot	bosm				0		O	
	UB-RF-RD-RB	apon	bosn				0			
	UB-RF-RD-LD	apog	bosq				0			
	UB-RF-RD-BD	apos	bosr				0			
	UB-RF-RD-DL	apox	bost				0		C	
	UB-RF-DL-UL	apxd	bota				0			
	UB-RF-DL-DF	apxu	botd				0		C	
	UB-RF-DL-LU	apxe	bote				0		O	
	UB-RF-DL-RU	apxm	botg				0		P	
	UB-RF-DL-FU	apxi	both				0		O	
	UB-RF-DL-FL	apxl	boti				0		C	
	UB-RF-DL-LF	apxf	botj				0		P	
	UB-RF-DL-LB	apxh	botk				0			
	UB-RF-DL-BL	apxr	botl				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
	UB-RF-DL-BR	apxt	botm				0		0	
	UB-RF-DL-RB	apxn	botn				0		0	
	UB-RF-DL-RD	apxo	bots				0		0	
	UB-RF-DL-DB	apxw	botu				0		0	
	UB-RF-DB-UL	apwd	boua				0		0	
	UB-RF-DB-UR	apwb	bouc				0		0	
	UB-RF-DB-DF	apwu	boud				0		0	
	UB-RF-DB-LU	apwe	boue				0		L	
	UB-RF-DB-RU	apwm	boug				0		0	
	UB-RF-DB-FL	apwl	boui				0		0	
	UB-RF-DB-LF	apwf	bouj				0		0	
	UB-RF-DB-LB	apwh	bouk				0		0	
	UB-RF-DB-BL	apwr	boul				0		0	
	UB-RF-DB-BR	apwt	boum				0		0	
	UB-RF-DB-RB	apwn	boun				0		A	
	UB-RF-DB-FR	apwj	boup				0		0	
	UB-RF-DB-LD	apwg	bouq				0		0	
	UB-RF-DB-RD	apwo	bous				0		0	
	UB-RF-DB-DL	apwx	bout				0		A	
	UB-RF-DB-DR	apwv	bouv				0		0	
	UB-RF-DR-UL	apvd	bova	ieod wdoe vi	L2 D' M2 D F' D M2 D' F L2		10		0	
	UB-RF-DR-UR	apvb	bovc	sftd odwd oev	S D2 S' D M2 D F' D M2 D' F		11		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		
	UB-RF-DR-DF	apvu	bovd					0		
	UB-RF-DR-LU	apve	bove	gdvo wmf m dh	L D F M2 F' M D2 M D L'			10	0	
	UB-RF-DR-RU	apvm	bovg	xajx qvpv kbx	F2 U R F2 E' F E F R' U' F2			11		
	UB-RF-DR-FL	apvl	bovi	geod wdoe vh	L D' M2 D F' D M2 D' F L'			10		
	UB-RF-DR-LF	apvf	bovj	dvow mfmd	D F M2 F' M D2 M D			8	0	
	UB-RF-DR-LB	apvh	bovk	qvbs jtka wp	E' F U' S R S' R' U F' E			10		
	UB-RF-DR-BL	apvr	bovl	heod wdoe vg	L' D' M2 D F' D M2 D' F L			10	0	
	UB-RF-DR-BR	apvt	bovm					0		
	UB-RF-DR-RB	apvn	bovn					0		
	UB-RF-DR-FR	apvj	bovp					0		
	UB-RF-DR-LD	apvg	bovq	hdvo vmxm eg	L' D F M2 F M F2 M D' L			10		
	UB-RF-DR-BD	apvs	bovr	dhvo vmxm ge	D L' F M2 F M F2 I D'			10		
	UB-RF-DR-DL	apvx	bovt	eodw doe v	D' M2 D F' D M2 D' F			8		
	UB-RF-DR-DB	apvw	bovu	wenf newm xm	F' D' M' D2 M' D' F' M F2 M			10		
	UB-FR-UL-UR	ajdb	bpac					0		
	UB-FR-UL-BU	ajdq	bpaf					0		
	UB-FR-UL-RU	ajdm	bpag					0		
	UB-FR-UL-FL	ajdl	bpai					0		
	UB-FR-UL-LF	ajdf	bpaj					0		
	UB-FR-UL-LB	ajdh	bpak	jwsk rjsv doe uk	R F' S R' E2 R f D M2 D' S2 R'			13		
	UB-FR-UL-BL	ajdr	bpal					0		
	UB-FR-UL-BR	ajdt	bpam	jatc sbtc sk	R U S' U2 S U' S' U2 S R'			10		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-FR-UL-RB	ajdn	bpan				0			
	UB-FR-UL-RF	ajdp	bpao				0			
	UB-FR-UL-BD	ajds	bpar				0			
	UB-FR-UL-RD	ajdo	bpas				0		C	
	UB-FR-UL-DL	ajdx	bpat				0			
	UB-FR-UL-DB	ajdw	bpau				0			
	UB-FR-UL-DR	ajdv	bpav				0			
	UB-FR-UR-UL	ajbd	bpc'a				0			
	UB-FR-UR-DF	ajbu	bpc'd				0			
	UB-FR-UR-FU	ajbi	bpc'h				0			
	UB-FR-UR-FL	ajbl	bpc'i				0			
	UB-FR-UR-LF	ajbf	bpc'j				0			
	UB-FR-UR-LB	ajbh	bpc'k				0		O	
	UB-FR-UR-BL	ajbr	bpc'l				0		O	
	UB-FR-UR-RB	ajbn	bpc'n				0			
	UB-FR-UR-LD	ajbg	bpc'q				0			
	UB-FR-UR-BD	ajbs	bpc'r				0			
	UB-FR-UR-RD	ajbo	bpc's				0			
	UB-FR-UR-DL	ajbx	bpct	kbuj tltj aj	R' U' S2 R S' R2 S' R U R		10		O	
	UB-FR-UR-DB	ajbw	bpc'u				0			
	UB-FR-DF-UL	ajud	bpda				0			
	UB-FR-DF-UR	ajub	bpdc				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-FR-DF-BU	ajuq	bpdf				0			
	UB-FR-DF-FL	ajul	bpdi				0			
	UB-FR-DF-LF	ajuf	bpdj				0			
	UB-FR-DF-BL	ajur	bpdl				0		P	
	UB-FR-DF-RF	ajup	bpdo				0			
	UB-FR-DF-LD	ajug	bpdq				0		A	
	UB-FR-DF-BD	ajus	bpdr				0			
	UB-FR-DF-RD	ajuo	bpds				0			
	UB-FR-DF-DL	ajux	bpdt				0			
	UB-FR-LU-UR	ajeb	bpec				0			
	UB-FR-LU-DF	ajeu	bped				0			
	UB-FR-LU-RU	ajem	bpeg				0			
	UB-FR-LU-FU	ajei	bpeh				0			
	UB-FR-LU-FL	ajel	bpei				0			
	UB-FR-LU-LF	ajef	bpej				0			
	UB-FR-LU-LB	ajeh	bpek				0			
	UB-FR-LU-BL	ajer	bpel				0			
	UB-FR-LU-BR	ajet	bpem				0			
	UB-FR-LU-RB	ajen	bpen				0			
	UB-FR-LU-LD	ajeg	bpeq	tkbu ajau bs	S' R' U' S2 U R U S2 U' S		10			
	UB-FR-LU-BD	ajes	bper				0			
	UB-FR-LU-RD	ajo	bpes				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-FR-LU-DR	ajev	bpev				0			
	UB-FR-BU-UL	ajqd	bpfa				0			
	UB-FR-BU-UR	ajqb	bpfc				0			
	UB-FR-BU-DF	ajqu	bpf d				0			
	UB-FR-BU-LU	ajqe	bpfe				0			
	UB-FR-BU-BR	ajqt	bpfm				0			
	UB-FR-BU-RB	ajqn	bpfn				0			
	UB-FR-BU-LD	ajqg	bpfq				0			
	UB-FR-BU-BD	ajqs	bpfr				0			
	UB-FR-RU-UL	ajmd	bpga				0			
	UB-FR-RU-DF	ajmu	bpgd				0			
	UB-FR-RU-LU	ajme	bpge				0			
	UB-FR-RU-FL	ajml	bpgi				0			
	UB-FR-RU-LF	ajmf	bpgj				0			
	UB-FR-RU-BR	ajmt	bpgm	ujat blbs aju	S2 R U S' U' R2 U' S U R S2		11			
	UB-FR-RU-RB	ajmn	bpgn				0			
	UB-FR-RU-LD	ajmg	bpgq	kals lbwa tbvj	R' U R2 S R2 U' F' U S' U' F R		12			P
	UB-FR-RU-DL	ajmx	bpgt				0			
	UB-FR-RU-DB	ajmw	bpgu				0			
	UB-FR-RU-DR	ajmv	bpgv				0			
	UB-FR-FU-UL	ajid	bpha				0			
	UB-FR-FU-UR	ajib	bphc				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-FR-FU-LU	ajie	bphe				0			
	UB-FR-FU-RU	ajim	bphg				0			
	UB-FR-FU-FL	ajil	bphi				0			
	UB-FR-FU-LF	ajif	bphj				0			
	UB-FR-FU-LD	ajig	bphq				0			
	UB-FR-FU-DL	ajix	bpht				0			
	UB-FR-FU-DB	ajiw	bphu				0			
	UB-FR-FL-UL	ajid	bpia				0			
	UB-FR-FL-LU	ajie	bpie	awnb mcna mcvb	U F' M' U' M U2 M' U M U2 F U'		12			P
	UB-FR-FL-BU	ajiq	bpif				0			
	UB-FR-FL-RU	ajim	bpig				0			
	UB-FR-FL-FU	ajli	bpih				0			
	UB-FR-FL-LB	ajih	bpik				0			
	UB-FR-FL-BL	ajir	bpil				0			
	UB-FR-FL-BR	ajit	bpim				0			
	UB-FR-FL-RB	ajin	bpin				0			P
	UB-FR-FL-RF	ajip	bpio				0			
	UB-FR-FL-LD	ajig	bpiq				0			
	UB-FR-FL-BD	ajis	bpir				0			
	UB-FR-FL-RD	ajlo	bpis				0			
	UB-FR-FL-DB	ajiw	bpiu				0			
	UB-FR-FL-DR	ajlv	bpiw				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		
UB-FR-LF-UL	ajfd		bpja					0		
UB-FR-LF-UR	ajfb		bpjc					0		
UB-FR-LF-LU	ajfe		bpje					0		
UB-FR-LF-BU	ajfq		bpjf					0		
UB-FR-LF-LB	ajfh		bpjk					0		
UB-FR-LF-BL	ajfr		bpjl					0		
UB-FR-LF-BR	ajft		bpjm					0		
UB-FR-LF-RB	ajfn		bpjn					0		0
UB-FR-LF-LD	ajfg		bpjq					0		
UB-FR-LF-RD	ajfo		bpjs					0		
UB-FR-LF-DB	ajfw		bpju					0		
UB-FR-LF-DR	ajfv		bpjv					0		
UB-FR-LB-UL	ajhd		bpkka					0		P
UB-FR-LB-UR	ajhb		bpkc					0		O
UB-FR-LB-LU	ajhe		bpkke					0		A
UB-FR-LB-RU	ajhm		bpkkg					0		
UB-FR-LB-FL	ajhl		bpkki					0		O
UB-FR-LB-LF	ajhf		bpkj					0		
UB-FR-LB-BR	ajht		bpkkm					0		
UB-FR-LB-RB	ajhn		bpknn					0		
UB-FR-LB-RD	ajho		bpkss					0		A
UB-FR-LB-DR	ajhv		bpkvv					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		
	UB-FR-BL-UL	ajrd	bpla				0			A
	UB-FR-BL-UR	ajrb	bplc	lmwr vkvr wkn	R2 M F' E2 F R' F E2 F' R' M'		11			A
	UB-FR-BL-LU	ajre	bple				0			
	UB-FR-BL-RU	ajrm	bplg				0			O
	UB-FR-BL-FL	ajrl	bpli				0			L
	UB-FR-BL-LF	ajrf	bplj				0			
	UB-FR-BL-BR	ajrt	bplm				0			
	UB-FR-BL-RB	ajrn	bpln				0			
	UB-FR-BL-LD	ajrg	bplq				0			
	UB-FR-BL-DL	ajrx	bplt				0			
	UB-FR-BL-DR	ajrv	bplv	hkeo djdo eg	L' R' D' M2 D R D M2 D' L		10			F
	UB-FR-BR-UL	ajtd	bpma				0			
	UB-FR-BR-UR	ajtb	bpmc				0			L
	UB-FR-BR-DF	ajtu	bpmd				0			O
	UB-FR-BR-LU	ajte	bpme				0			
	UB-FR-BR-RU	ajtm	bpmg				0			
	UB-FR-BR-FU	ajti	bpmh				0			
	UB-FR-BR-FL	ajtl	bpmi				0			
	UB-FR-BR-LF	ajtf	bpmj				0			
	UB-FR-BR-LB	ajth	bpmk				0			A
	UB-FR-BR-BL	ajtr	bpmi				0			
	UB-FR-BR-LD	ajtg	bpmq				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-FR-BR-BD	ajts	bpmr				0			
	UB-FR-BR-RD	ajto	bpmgs				0			
	UB-FR-BR-DL	ajtx	bpmt				0			
	UB-FR-BR-DB	ajtw	bpmu				0			
	UB-FR-BR-DR	ajtv	bpmv				0			
	UB-FR-RB-UL	ajnd	bpna				0			
	UB-FR-RB-UR	ajnb	bpnc				0			
	UB-FR-RB-DF	ajnu	bpnd				0			
	UB-FR-RB-LU	ajne	bpne				0			
	UB-FR-RB-BU	ajnq	bpf				0			
	UB-FR-RB-RU	ajnm	bpng				0			
	UB-FR-RB-FU	ajni	bph				0			
	UB-FR-RB-FL	ajnl	bpni				0			
	UB-FR-RB-LF	ajnf	bpnj				0			
	UB-FR-RB-LB	ajnh	bpnk				0			
	UB-FR-RB-BL	ajnr	bpnl				0			
	UB-FR-RB-LD	ajng	bpnq				0			A
	UB-FR-RB-RD	ajno	bpons	aksj ckuk sla	U R' S R U2 R' S2 R' S R2 U		11			
	UB-FR-RB-DL	ajnx	bpnt				0			
	UB-FR-RB-DR	ajnv	bpnv				0			
	UB-FR-RF-LB	ajph	bpok				0			
	UB-FR-RF-BD	ajps	bpor				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		
	UB-FR-LD-UL	ajgd	bpqa					0		
	UB-FR-LD-UR	ajgb	bpqc					0		
	UB-FR-LD-DF	ajgu	bpqd	jbks jbkt gxh	R U' R' S R U' R' S' L F2 L'			11		
	UB-FR-LD-LU	ajge	bpqe					0		
	UB-FR-LD-RU	ajgm	bpqg					0		
	UB-FR-LD-FU	ajgi	bpqh					0		
	UB-FR-LD-FL	ajgl	bpqi					0	0	
	UB-FR-LD-LF	ajgf	bpqj					0		
	UB-FR-LD-LB	ajgh	bpqk					0		
	UB-FR-LD-BR	ajgt	bpqm					0		
	UB-FR-LD-RB	ajgn	bpqn					0		
	UB-FR-LD-BD	ajgs	bpqr					0		
	UB-FR-LD-RD	ajgo	bpqs					0		
	UB-FR-LD-DB	ajgw	bpqu					0		
	UB-FR-BD-UL	ajsd	bpra					0		
	UB-FR-BD-UR	ajsb	bprc					0		
	UB-FR-BD-DF	ajsu	bprd					0		P
	UB-FR-BD-LU	ajse	bpre					0		F
	UB-FR-BD-RU	ajsm	bprg					0		
	UB-FR-BD-FU	ajsi	bprh					0		
	UB-FR-BD-FL	ajsl	bpri					0		
	UB-FR-BD-LF	ajsf	bprj					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
	UB-FR-BD-BL	ajsr	bprl				0			
	UB-FR-BD-BR	ajst	bprm				0			
	UB-FR-BD-RB	ajsн	bprn				0			
	UB-FR-BD-LD	ajsg	bprq				0			
	UB-FR-BD-RD	ajso	bprs				0			
	UB-FR-BD-DL	ajsx	bprt				0			
	UB-FR-RD-UL	ajod	bpsa				0			
	UB-FR-RD-UR	ajob	bpsc	flat bjbs ajf	D2 R2 U S' U' R U' S U R D2		11			
	UB-FR-RD-DF	ajou	bpsd				0		F	
	UB-FR-RD-LU	ajoe	bpsе				0			
	UB-FR-RD-RU	ajom	bpsg				0			
	UB-FR-RD-FL	ajol	bpsi				0			
	UB-FR-RD-LF	ajof	bpsj				0			
	UB-FR-RD-LB	ajoh	bpsk				0			
	UB-FR-RD-BL	ajor	bpsl				0			
	UB-FR-RD-RB	ajon	bpsn				0			
	UB-FR-RD-LD	ajog	bpsq				0			
	UB-FR-RD-DL	ajox	bpst				0			
	UB-FR-RD-DB	ajow	bpsu				0			
	UB-FR-DL-UL	ajxd	bpta				0			
	UB-FR-DL-UR	ajxb	bptc				0			A
	UB-FR-DL-DF	ajxu	bptd				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-FR-DL-LU	ajxe	bpte				0			
	UB-FR-DL-BU	ajxq	bptf				0			
	UB-FR-DL-RU	ajxm	bptg				0			
	UB-FR-DL-FU	ajxi	bpth				0			
	UB-FR-DL-LF	ajxf	bptj				0			
	UB-FR-DL-BR	ajxt	bptm				0			
	UB-FR-DL-RB	ajxn	bptn				0			
	UB-FR-DL-BD	ajxs	bptr				0			
	UB-FR-DL-DB	ajxw	bptu				0			
	UB-FR-DB-UL	ajwd	bpuu				0			
	UB-FR-DB-UR	ajwb	bpuc				0			
	UB-FR-DB-DF	ajwu	bpud				0			
	UB-FR-DB-LU	ajwe	bpue				0			
	UB-FR-DB-RU	ajwm	bpug				0			
	UB-FR-DB-FU	ajwi	bpuh				0			
	UB-FR-DB-FL	ajwl	bpui				0		0	
	UB-FR-DB-LF	ajwf	bpuj				0			
	UB-FR-DB-LB	ajwh	bpuk				0			
	UB-FR-DB-BL	ajwr	bpul	wdat hsge bv	F' D U S' L' S L D' U' F		10			
	UB-FR-DB-BR	ajwt	bpum				0			
	UB-FR-DB-LD	ajwg	bpuq				0			
	UB-FR-DB-RD	ajwo	bpus				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-FR-DB-DL	ajwx	bput				0			
	UB-FR-DB-DR	ajwv	bpuv				0			
	UB-FR-DR-UL	ajvd	bpva				0			
	UB-FR-DR-UR	ajvb	bpvc				0			
	UB-FR-DR-DF	ajvu	bpvd				0			
	UB-FR-DR-LU	ajve	bpve				0			
	UB-FR-DR-RU	ajvm	bpvg	satb kbsa jt	S U S' U' R' U' S U R S'		10			
	UB-FR-DR-FL	ajvl	bpvi				0			
	UB-FR-DR-LF	ajvf	bpvj				0		0	
	UB-FR-DR-LB	ajvh	bpvk	kbsj qkpj tkaj	R' U' S R E' R' E R S' R' U R		12		A	
	UB-FR-DR-BR	ajvt	bpvm				0		A	
	UB-FR-DR-RB	ajvn	bpvn				0			
	UB-FR-DR-LD	ajvg	bpvq				0		P	
	UB-FR-DR-BD	ajvs	bpvr				0			
	UB-FR-DR-DL	ajvx	bpvt				0			
	UB-FR-DR-DB	ajvw	bpvu				0			
	UB-LD-UL-DF	agdu	bqad				0			
	UB-LD-UL-RU	agdm	bqag				0		F	
	UB-LD-UL-FU	agdi	bqah				0		F	
	UB-LD-UL-FL	agdl	bqai	tfgb saha tfbs	S' D2 L U' S U L' U S' D2 U' S		12		P	
	UB-LD-UL-LF	agdf	bqaj				0			
	UB-LD-UL-LB	agdh	bqak				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-LD-UL-BR	agdt	bqam				0			
	UB-LD-UL-RB	agdn	bqan				0			
	UB-LD-UL-RF	agdp	bqao				0			
	UB-LD-UL-FR	agdj	bqap				0			
	UB-LD-UL-BD	agds	bqar				0			
	UB-LD-UL-RD	agdo	bqas				0			
	UB-LD-UL-DB	agdw	bqau				0			
	UB-LD-UL-DR	agdv	bqav				0			
	UB-LD-UR-DF	agbu	bqcd				0			
	UB-LD-UR-LU	agbe	bqce				0			
	UB-LD-UR-BU	agbq	bqcf				0			
	UB-LD-UR-FU	agbi	bqch				0			
	UB-LD-UR-FL	agbl	bqci				0			
	UB-LD-UR-LF	agbf	bqcj				0			
	UB-LD-UR-LB	agbh	bqck				0			
	UB-LD-UR-BR	agbt	bqcm	lclc kskb ktjb	R2 U2 R2 U2 R' S R' U' R' S' R U'		12			0
	UB-LD-UR-RB	agbn	bqcn				0			
	UB-LD-UR-RF	agbp	bqco				0			
	UB-LD-UR-FR	agbj	bqcp				0			A
	UB-LD-UR-BD	agbs	bqcr				0			F
	UB-LD-UR-RD	agbo	bqcs				0			
	UB-LD-UR-DL	agbx	bqct				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		C
UB-LD-UR-DB	agbw	bqcu					0			
UB-LD-UR-DR	agbv	bqcv					0			
UB-LD-DF-UL	agud	bqda					0			
UB-LD-DF-UR	agub	bqdc					0		0	
UB-LD-DF-LU	ague	bqde					0			
UB-LD-DF-RU	agum	bqdg					0			
UB-LD-DF-FL	agul	bqdi					0			
UB-LD-DF-LF	aguf	bqdj					0			
UB-LD-DF-LB	aguuh	bqdk					0			
UB-LD-DF-BR	agut	bqdm					0			
UB-LD-DF-RB	agun	bqdn					0			
UB-LD-DF-RF	agup	bqdo					0			
UB-LD-DF-FR	aguj	bqdp					0			
UB-LD-DF-BD	agus	bqdr					0			
UB-LD-DF-DL	agux	bqdt					0			
UB-LD-DF-DB	aguuw	bqdu					0			
UB-LD-LU-UR	ageb	bqec					0		0	
UB-LD-LU-RU	agem	bqeg					0			
UB-LD-LU-FL	agel	bqei					0			P
UB-LD-LU-LB	ageh	bqek					0			
UB-LD-LU-BL	ager	bqel					0			
UB-LD-LU-BR	aget	bqem					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		
UB-LD-LU-RB	agen	bqen						0		
UB-LD-LU-FR	agej	bqep						0		
UB-LD-LU-BD	ages	bqer						0		
UB-LD-LU-RD	ageo	bqes						0		
UB-LD-LU-DB	agew	bqeu						0		
UB-LD-LU-DR	agev	bqev						0		
UB-LD-BU-FU	agqi	bqfh						0		0
UB-LD-BU-LF	agqf	bqfj						0		
UB-LD-BU-RF	agqp	bqfo						0		
UB-LD-BU-RD	agqo	bqfs						0		
UB-LD-RU-UL	agmd	bqga						0		A
UB-LD-RU-UB	agma	bqgb						0		
UB-LD-RU-DF	agmu	bqgd						0		
UB-LD-RU-LU	agme	bqge						0		
UB-LD-RU-FU	agmi	bqgh						0		
UB-LD-RU-FL	agml	bqgi						0		
UB-LD-RU-LB	agmh	bqgk						0		
UB-LD-RU-BL	agmr	bqgl						0		
UB-LD-RU-BR	agmt	bqgm						0		P
UB-LD-RU-RF	agmp	bqgo						0		
UB-LD-RU-BD	agms	bqgr						0		A
UB-LD-RU-DL	agmx	bqgt						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		
UB-LD-RU-DB	agmw	bqgu						0		
UB-LD-RU-DR	agmv	bqgv						0		
UB-LD-FU-UL	agid	bqha						0		
UB-LD-FU-UR	agib	bqhc						0		
UB-LD-FU-LU	agie	bqhe						0		
UB-LD-FU-RU	agim	bqhg						0		
UB-LD-FU-FL	agil	bqhi						0		
UB-LD-FU-LF	agif	bqhj						0		
UB-LD-FU-LB	agih	bqhk						0		
UB-LD-FU-BR	agit	bqhm						0		
UB-LD-FU-RB	agin	bqhn						0		P
UB-LD-FU-RF	agip	bqho						0		
UB-LD-FU-BD	agis	bqhr						0		
UB-LD-FU-RD	agio	bqhs						0		
UB-LD-FU-DR	agiv	bqhv						0		
UB-LD-FL-DF	aglu	bqid						0		
UB-LD-FL-LU	agle	bqie						0		
UB-LD-FL-RU	aglm	bqig						0		
UB-LD-FL-FU	agli	bqih						0		C
UB-LD-FL-BR	aglt	bqim						0		F
UB-LD-FL-BD	agsl	bqir						0		
UB-LD-FL-RD	aglo	bqis						0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-LD-LF-UL	agfd	bqja				0			
	UB-LD-LF-UR	agfb	bqjc				0			
	UB-LD-LF-DF	agfu	bqjd				0			
	UB-LD-LF-LU	agfe	bqje				0			
	UB-LD-LF-BU	agfq	bqjf				0			
	UB-LD-LF-LB	agfh	bqjk				0			
	UB-LD-LF-BL	agfr	bqjl				0			
	UB-LD-LF-BR	agft	bqjm				0			
	UB-LD-LF-RB	agfn	bqjn				0			A
	UB-LD-LF-RF	agfp	bqjo				0			
	UB-LD-LF-FR	agfj	bqjp				0			
	UB-LD-LF-RD	agfo	bqjs				0			
	UB-LD-LF-DL	agfx	bqjt				0			
	UB-LD-LF-DB	agfw	bqju				0			
	UB-LD-LB-UL	aghd	bqka				0			P
	UB-LD-LB-DF	aghu	bqkd				0			P
	UB-LD-LB-LU	aghe	bqke				0			
	UB-LD-LB-FU	aghi	bqkh				0			O
	UB-LD-LB-FL	aghf	bqki	bgqu hcgw hbp	U' L E' S2 L' U2 L S2 L' u'		11			
	UB-LD-LB-LF	aghf	bqkj	wbth sbna gamv	F' U' S' L' S U' M' U L U M F		12			
	UB-LD-LB-RF	aghf	bqko	vbgb wpvq ahaw	F U' L U' F' E F E' U L' U F'		12			P
	UB-LD-LB-FR	aghj	bqkp	bgqs haga tbhp	U' L E' S L' U L U S' U' L' E		12			P

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-LD-LB-BD	aghs	bqkr				0			P
	UB-LD-LB-DB	aghw	bqku				0			
	UB-LD-LB-DR	aghv	bqkv				0			
	UB-LD-BL-UL	agrd	bqla				0			C
	UB-LD-BL-UR	agrb	bqlc				0			
	UB-LD-BL-DF	agru	bqld				0			
	UB-LD-BL-LU	agre	bqle	tbht ithu as	S' U' L' S' L2 S' L' S2 U S		10			P
	UB-LD-BL-RU	agrm	bqlg				0			O
	UB-LD-BL-FU	agri	bqlh				0			
	UB-LD-BL-FL	agrl	bqli				0			
	UB-LD-BL-LF	agrfl	bqlj				0			
	UB-LD-BL-BR	agrt	bqlm				0			
	UB-LD-BL-RB	agrn	bqln				0			
	UB-LD-BL-RF	agrp	bqlo				0			
	UB-LD-BL-FR	agrj	bqlp				0			
	UB-LD-BL-BD	agsr	bqlr				0			
	UB-LD-BL-RD	agro	bqls				0			O
	UB-LD-BL-DB	agrw	bqlu				0			
	UB-LD-BL-DR	agrsv	bqlv				0			
	UB-LD-BR-UR	agtbs	bqmcs				0			
	UB-LD-BR-LU	agte	bqmee				0			
	UB-LD-BR-RU	agtms	bqmgs				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		
UB-LD-BR-FL	agt _l	bqmi					0			
UB-LD-BR-LF	agt _f	bqmj					0			
UB-LD-BR-LB	agt _h	bqmk					0			
UB-LD-BR-BL	agt _r	bqml					0			
UB-LD-BR-FR	agt _j	bqmp					0			
UB-LD-BR-BD	agt _s	bqmr					0			
UB-LD-BR-RD	agt _o	bqms					0			
UB-LD-BR-DB	agt _w	bqmu					0			
UB-LD-BR-DR	agt _v	bqmv					0			
UB-LD-RB-UL	agnd	bqna					0			P
UB-LD-RB-UR	agnb	bqnc					0			
UB-LD-RB-DF	agnu	bqnd					0			P
UB-LD-RB-LU	agne	bqne					0			
UB-LD-RB-RU	agnm	bqng					0			
UB-LD-RB-FU	agni	bqnh					0			
UB-LD-RB-FL	agnl	bqni					0			
UB-LD-RB-LF	agnf	bqnj					0			
UB-LD-RB-LB	agnh	bqnk					0			
UB-LD-RB-BL	agnr	bqn _l					0			
UB-LD-RB-RF	agnp	bqno					0			
UB-LD-RB-FR	agnj	bqnp					0			
UB-LD-RB-BD	agns	bqnr					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-LD-RB-RD	agno	bqns				0			
	UB-LD-RB-DL	agnx	bqnt				0		0	
	UB-LD-RB-DB	agnw	bqnu				0		P	
	UB-LD-RB-DR	agnv	bqnv				0			
	UB-LD-RF-UL	agpd	bqoa	jtal sjqj bkp	R S' U R2 S R E' R U' R' E		11			
	UB-LD-RF-UR	agpb	bqoc	lals kfkt jfk bl	R2 U R2 S R' D2 R' S' R D2 R' U' R2		13			
	UB-LD-RF-LU	agpe	bqoe	vkte sndm jw	F R' S' D' S M' D M R F'		10			
	UB-LD-RF-BU	agpq	bqof				0			
	UB-LD-RF-RU	agpm	bqog	waiw tgsh vibv	F' U L2 f' L S L' F L2 U' F		12			
	UB-LD-RF-FU	agpi	bqoh				0			
	UB-LD-RF-FL	agpl	bqoi	vejv nwkd nvox	F D' R F M' F' R' D M' F M2 F2		12			
	UB-LD-RF-LF	agpf	bqoj	ajul tjct kpj qa	U R S2 R2 S' R U2 S' R' E R u		13			
	UB-LD-RF-LB	agph	bqok	kcna uamk vrwl	R' U2 M' U S2 U r' F E2 F' R2		12			
	UB-LD-RF-BL	agpr	bqol	wait gsg bv	F' U L2 S' L S L U' F		9			
	UB-LD-RF-BR	agpt	bqom	kame nanc odnj	R' U M D' M' U M' U2 M2 D r		12			
	UB-LD-RF-RB	agpn	bqon	jvla tcsa sj	R S' R2 U S' U2 S U S R		10		A	
	UB-LD-RF-BD	agsps	bqor				0			
	UB-LD-RF-RD	agpo	bqos	evov mwm wd	D' F M2 F M F' M F' D		9			
	UB-LD-RF-DR	agpv	bqov	alsj fjtk fjb	U R2 S R D2 R S' R' D2 R U'		11			
	UB-LD-FR-UL	agjd	bqpa	vbgv pwqh aw	F U' L F E F' E' L' U F'		10			
	UB-LD-FR-UR	agjb	bqpc				0			
	UB-LD-FR-LU	agje	bqpe	tbuj tlkj as	S' U' S2 R S' R2 S' R 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
	UB-LD-FR-RU	agjm	bqpg				0		0	
	UB-LD-FR-FU	agji	bqph				0			
	UB-LD-FR-FL	agjl	bqpi	kdwo vmfw mvdj	R' D F' M2 F M D2 F' M F D R		12			
	UB-LD-FR-LF	agjf	bqpj	jakp jucu akq	R U R' E R S2 U2 S2 U R' E'		11			
	UB-LD-FR-LB	agjh	bqpk	bkxh sgtx ja	U' R' F2 L' S L S' F2 R U		10			
	UB-LD-FR-BL	agjr	bqpl	wbth tgch ugbv	F' U' S' L' S' L U2 L' S2 L U' F		12		0	
	UB-LD-FR-BR	agjt	bqpm				0			
	UB-LD-FR-RB	agjn	bqpn				0			
	UB-LD-FR-RD	agjo	bqps	bhrk qjq ga	U' L' E2 R' E' R E' L U		9			
	UB-LD-FR-DL	agjx	bqpt				0			
	UB-LD-FR-DB	agjw	bqpu				0			
	UB-LD-FR-DR	agjv	bqpv	bslt jatb jas	U' S R2 S' R U S' U' R U S		11			
	UB-LD-BD-UL	agsd	bqra				0			
	UB-LD-BD-LU	agse	bqre				0			
	UB-LD-BD-RU	agsm	bqrg				0			
	UB-LD-BD-FU	agsi	bqrh				0			
	UB-LD-BD-FL	agsl	bqri				0			
	UB-LD-BD-LF	agsf	bqrj				0			
	UB-LD-BD-LB	agsh	bqrk				0			
	UB-LD-BD-BL	agsr	bqrl				0		0	
	UB-LD-BD-BR	agst	bqrm				0			
	UB-LD-BD-RB	agsn	bqrn				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-LD-BD-RF	agsp	bqro				0			
	UB-LD-BD-RD	agso	bqrs				0			
	UB-LD-BD-DR	agsv	bqrv				0		L	
	UB-LD-RD-UL	agod	bqsa				0		P	
	UB-LD-RD-UR	agob	bqsc	ambt atcu an	U M U' S' U S' U2 S2 U M'		10			
	UB-LD-RD-DF	agou	bqsd				0			
	UB-LD-RD-LU	agoe	bqse				0			
	UB-LD-RD-RU	agom	bqsg				0			
	UB-LD-RD-FU	agoi	bqsh				0			
	UB-LD-RD-FL	agol	bqsi				0		L	
	UB-LD-RD-LF	agof	bqsj				0			
	UB-LD-RD-LB	agoh	bqsk				0			
	UB-LD-RD-BR	agot	bqsm				0			
	UB-LD-RD-RB	agon	bqsn	bjsk scjt ktb	U' R S R' S U2 R S' R' S' U'		11			
	UB-LD-RD-RF	agop	bqso				0		A	
	UB-LD-RD-FR	agoj	bqsp				0			
	UB-LD-RD-BD	agos	bqsr				0			
	UB-LD-RD-DL	agox	bqst				0		P	
	UB-LD-RD-DB	agow	bqsu	mblt lsb nc	M U' R2 S' R2 S U' M' U2		9			
	UB-LD-DL-FL	agxl	bqt				0			
	UB-LD-DL-BD	agxs	bqtr				0			
	UB-LD-DL-RD	agxo	bqts				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-LD-DB-UL	agwd	bqua	asam cnta satc	U S U M U2 M' S' U S U S' U2		12			
	UB-LD-DB-UR	agwb	bquc				0			
	UB-LD-DB-LU	agwe	bque	nftn ems em	M' D2 S' M' D' M S D' M		9			
	UB-LD-DB-RU	agwm	bqug	mleo emfl	M R2 D' M2 D' M D2 R2		8			
	UB-LD-DB-FU	agwi	bquh				0			
	UB-LD-DB-FL	agwl	bqui				0			
	UB-LD-DB-LF	agwf	bquj				0			
	UB-LD-DB-LB	agwh	bquk	mfhd oem gf	M D2 L' D M2 D' I D2		9			
	UB-LD-DB-BL	agwr	bqul	qmje oemf kp	E' M R D' M2 D' M D2 R' E		10			
	UB-LD-DB-BR	agwt	bqum				0			
	UB-LD-DB-RF	agwp	bquo	mkeo emfj	r' D' M2 D' M D2 R		8			
	UB-LD-DB-FR	agwj	bqup	pmje oemf kq	E M R D' M2 D' M D2 R' E'		10		A	
	UB-LD-DB-RD	agwo	bqus	meoe mf	M D' M2 D' M D2		6			
	UB-LD-DB-DR	agwv	bquv	mbsl ctan ala	M U' S R2 U2 S' U M' U R2 U		11			
	UB-LD-DR-UL	agvd	bqva				0			
	UB-LD-DR-UR	agvb	bqvc	alsb salt bt	U R2 S U' S U R2 S' U' S'		10			
	UB-LD-DR-DF	agvu	bqvд				0			
	UB-LD-DR-LU	agve	bqve				0			
	UB-LD-DR-RU	agvm	bqvg				0			
	UB-LD-DR-FU	agvi	bqvh				0		L	
	UB-LD-DR-FL	agvl	bqvi				0			
	UB-LD-DR-LF	agvf	bqvj				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
	UB-LD-DR-LB	agvh	bqvk	blkxp gqh ^x ja	U' R' F2 E L E' L' F2 R U		10			
	UB-LD-DR-BL	agvr	bqvl				0			
	UB-LD-DR-BR	agvt	bqvm				0			
	UB-LD-DR-RB	agvn	bqvn				0			
	UB-LD-DR-RF	agvp	bqvo				0		P	
	UB-LD-DR-FR	agvj	bqvp				0			
	UB-LD-DR-BD	agvs	bqvr	nend oasc ta	M' D' M' D M2 U S U2 S' U		10			
	UB-LD-DR-DB	agvw	bqvu				0			
	UB-BD-UL-UR	asdb	brac				0			
	UB-BD-UL-DF	asdu	brad				0		P	
	UB-BD-UL-RU	asdm	brag				0		F	
	UB-BD-UL-FL	asdI	brai				0		O	
	UB-BD-UL-LF	asdf	braj				0		O	
	UB-BD-UL-LB	asdh	brak				0		O	
	UB-BD-UL-BL	asdr	bral				0		A	
	UB-BD-UL-BR	asdt	bram				0			
	UB-BD-UL-RB	asdn	bran				0		L	
	UB-BD-UL-RF	asdP	brao				0			
	UB-BD-UL-FR	asdJ	brap				0			
	UB-BD-UL-LD	asdG	braq				0		F	
	UB-BD-UL-RD	asdO	bras	obxb maxm tas	M2 U' F2 U' M U F2 M S' U S		11		O	
	UB-BD-UL-DL	asdX	brat				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		
UB-BD-UL-DR	asdv	brav					0			F
UB-BD-UR-UL	asbd	brca					0			
UB-BD-UR-DF	asbu	brcd					0			O
UB-BD-UR-LU	asbe	brce					0			
UB-BD-UR-BU	asbq	brcf					0			A
UB-BD-UR-FU	asbi	brch					0			O
UB-BD-UR-FL	asbl	brci					0			
UB-BD-UR-LF	asbf	brcj					0			
UB-BD-UR-BL	asbr	brcl					0			
UB-BD-UR-BR	asbt	brcm					0			
UB-BD-UR-RB	asbn	brcn					0			O
UB-BD-UR-RF	asbp	brc o					0			
UB-BD-UR-FR	asbj	brcp					0			
UB-BD-UR-LD	asbg	brcq					0			
UB-BD-UR-RD	asbo	brcs					0			
UB-BD-UR-DL	asbx	brct					0			
UB-BD-UR-DR	asbv	brcv					0			
UB-BD-DF-UL	asud	brda					0			
UB-BD-DF-UR	asub	brdc					0			A
UB-BD-DF-LU	asue	brde					0			A
UB-BD-DF-RU	asum	brdg					0			O
UB-BD-DF-FL	asul	brdi					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		
UB-BD-DF-LF	asuf		brdj				0			
UB-BD-DF-LB	asuuh		brdk				0			
UB-BD-DF-BL	asur		brdl				0			
UB-BD-DF-BR	asut		brdm				0		F	
UB-BD-DF-RB	asun		brdn				0		A	
UB-BD-DF-RF	asup		brdo				0			
UB-BD-DF-LD	asug		brdq				0			
UB-BD-DF-RD	asuo		brds				0			
UB-BD-DF-DL	asux		brdt				0			
UB-BD-DF-FD	asuk		brdx				0		P	
UB-BD-LU-DF	aseu		bred				0		A	
UB-BD-LU-FU	asei		breh				0		A	
UB-BD-LU-FL	asel		brei				0			
UB-BD-LU-LF	asef		brej				0		A	
UB-BD-LU-BL	aser		brel				0		O	
UB-BD-LU-BR	aset		brem				0			
UB-BD-LU-RB	asen		bren				0			
UB-BD-LU-FR	asej		brep				0			
UB-BD-LU-LD	aseg		breq				0		O	
UB-BD-LU-RD	aseo		bres				0		O	
UB-BD-LU-DL	asex		bret				0		O	
UB-BD-LU-DB	asew		breu				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		P
	UB-BD-LU-DR	asev	brev				0			
	UB-BD-LU-FD	asek	brex				0			A
	UB-BD-BU-RU	asqm	brfg				0			
	UB-BD-BU-RB	asqn	brfn				0			F
	UB-BD-BU-DB	asqw	brfu				0			A
	UB-BD-RU-UL	asmid	brga				0			
	UB-BD-RU-LU	asme	brge				0			
	UB-BD-RU-BU	asmq	brgf				0			
	UB-BD-RU-LF	asmf	brgj				0			
	UB-BD-RU-LB	asmh	brgk	pnak nvmw jbmq	E M' U R' M' F M F' R U' M E'		12			
	UB-BD-RU-BL	asmr	brgl				0			A
	UB-BD-RU-BR	asmt	brgm				0			
	UB-BD-RU-RF	asmp	brgo				0			O
	UB-BD-RU-FR	asmj	brgp				0			
	UB-BD-RU-RD	asmo	brgs				0			O
	UB-BD-RU-DR	asmv	brgv				0			P
	UB-BD-FU-UL	asid	brha				0			A
	UB-BD-FU-UR	asib	brhc				0			
	UB-BD-FU-LU	asie	brhe				0			
	UB-BD-FU-RU	asim	brhg				0			
	UB-BD-FU-LB	asih	brhk				0			
	UB-BD-FU-BL	asir	brhl				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-BD-FU-BR	asit	brhm				0			
	UB-BD-FU-RB	asin	brhn				0		0	
	UB-BD-FU-RF	asip	brho				0			
	UB-BD-FU-FR	asij	brhp				0			
	UB-BD-FU-LD	asig	brhq				0			
	UB-BD-FU-RD	asio	brhs				0			
	UB-BD-FU-DL	asix	brht				0			
	UB-BD-FU-DR	asiv	brhv				0		0	
	UB-BD-FL-UL	asld	bria	ovjm ambk owq	E F R M U M U' R' M2 F' E'		11		C	
	UB-BD-FL-UR	aslб	bric				0		0	
	UB-BD-FL-DF	aslu	brid				0		P	
	UB-BD-FL-LU	asle	brie				0			
	UB-BD-FL-RU	aslm	brig				0		A	
	UB-BD-FL-LB	aslh	brik				0		O	
	UB-BD-FL-BL	aslr	bril				0		L	
	UB-BD-FL-BR	aslt	brim				0		O	
	UB-BD-FL-RB	asln	brin				0		P	
	UB-BD-FL-RF	aslp	brio				0		C	
	UB-BD-FL-FR	aslj	brip	cwcm cvcv nw	U2 F' U2 M U2 F U2 F M' F'		10		A	
	UB-BD-FL-LD	aslg	briq				0		O	
	UB-BD-FL-DL	aslx	brit				0		P	
	UB-BD-LF-UL	asfd	brja				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
	UB-BD-LF-UR	asfb	brjc				0			
	UB-BD-LF-DF	asfu	brjd				0			
	UB-BD-LF-LU	asfe	brje				0			
	UB-BD-LF-RU	asfm	brjg				0			
	UB-BD-LF-FU	asfi	brjh				0			
	UB-BD-LF-LB	asfh	brjk				0			A
	UB-BD-LF-BL	asfr	brjl				0			
	UB-BD-LF-BR	asft	brjm				0			
	UB-BD-LF-RB	asfn	brjn				0			
	UB-BD-LF-FR	asfj	brjp				0			
	UB-BD-LF-LD	asfg	brjq	wntg bsah psqv	F' M' S' L U' S U L' E S E' F	Wantong sayss basss	12			
	UB-BD-LF-RD	asfo	brjs				0			
	UB-BD-LF-DL	asfx	brjt				0			
	UB-BD-LF-DR	asfv	brjv				0			
	UB-BD-LB-UL	ashd	brka				0			O
	UB-BD-LB-UR	ashb	brkc				0			
	UB-BD-LB-LU	ashe	brke				0			
	UB-BD-LB-BU	ashq	brkf				0			
	UB-BD-LB-RU	ashm	brkg				0			
	UB-BD-LB-LF	ashf	brkj				0			
	UB-BD-LB-RB	ashn	brkn				0			
	UB-BD-LB-RF	ashp	brko				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
	UB-BD-LB-FR	ashj	brkp	xqwm vqmw qmw	F2 E' F' M F E' M F' E' M F'		11			
	UB-BD-LB-DL	ashx	brkt				0		F	
	UB-BD-LB-DR	ashv	brkv				0			
	UB-BD-BL-UL	asrd	brla				0		A	
	UB-BD-BL-DF	asru	brld				0		P	
	UB-BD-BL-LU	asre	brle	vgaw mvbv nwhw	F L U F' M F U' F M' F' L' F'		12			
	UB-BD-BL-RU	asrm	brlg				0		C	
	UB-BD-BL-FL	asrl	brli				0			
	UB-BD-BL-LF	asrf	brlj				0			
	UB-BD-BL-BR	asrt	brlm				0			
	UB-BD-BL-RF	asrp	brlo				0		A	
	UB-BD-BL-FR	asrj	brlp				0			
	UB-BD-BL-LD	asrg	brlq				0			
	UB-BD-BL-RD	asro	brls				0			
	UB-BD-BL-DB	asrw	brlu				0			
	UB-BD-BL-DR	asrv	brlv				0			
	UB-BD-BR-UL	astd	brma				0		C	
	UB-BD-BR-DF	astu	brmd				0			
	UB-BD-BR-LU	aste	brme				0		P	
	UB-BD-BR-RU	astm	brmg				0		O	
	UB-BD-BR-FU	asti	brmh				0		O	
	UB-BD-BR-FL	astl	brmi				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		
UB-BD-BR-LF	astf		brmj					0		
UB-BD-BR-BL	astr		brml					0		
UB-BD-BR-RF	astp		brmo					0		
UB-BD-BR-FR	astj		brmp					0		
UB-BD-BR-LD	astg		brmq					0		
UB-BD-BR-RD	asto		brms					0		
UB-BD-BR-DR	astv		brmv					0		
UB-BD-RB-UL	asnd		brna					0		A
UB-BD-RB-UR	asnб		brnc					0		
UB-BD-RB-DF	asnu		brnd					0		P
UB-BD-RB-LU	asne		brne					0		P
UB-BD-RB-FU	asni		brnh					0		A
UB-BD-RB-FL	asnl		brni					0		O
UB-BD-RB-LF	asnf		brnj					0		A
UB-BD-RB-LB	asnh		brnk					0		A
UB-BD-RB-BL	asnr		brnl					0		O
UB-BD-RB-RF	asnp		brno					0		
UB-BD-RB-FR	asnј		brnp					0		
UB-BD-RB-RD	asno		brns					0		
UB-BD-RB-DR	asnv		brnv					0		
UB-BD-RF-UL	aspd		broa					0		C
UB-BD-RF-UR	aspb		broc					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
	UB-BD-RF-DF	aspu	brod				0			
	UB-BD-RF-LU	aspe	broe				0			
	UB-BD-RF-RU	aspm	brog				0			
	UB-BD-RF-FL	aspl	broi				0			
	UB-BD-RF-LF	aspf	broj				0		O	
	UB-BD-RF-LB	asph	brok				0		A	
	UB-BD-RF-BL	aspr	brol				0			
	UB-BD-RF-BR	aspt	brom				0		O	
	UB-BD-RF-RB	aspn	bron				0		P	
	UB-BD-FR-UL	asjd	brpa				0		A	
	UB-BD-FR-LU	asje	brpe				0		A	
	UB-BD-FR-BU	asjq	brpf				0			
	UB-BD-FR-RU	asjm	brpg				0			
	UB-BD-FR-FU	asji	brph				0			
	UB-BD-FR-FL	asjl	brpi				0		P	
	UB-BD-FR-LF	asjf	brpj	vjam bobm akw	F R U M U' M2 U' M U R' F'		11			
	UB-BD-FR-LB	asjh	brpk				0			
	UB-BD-FR-BL	asjr	brpl				0		P	
	UB-BD-FR-BR	asjt	brpm				0			
	UB-BD-FR-RB	asjn	brpn				0			
	UB-BD-FR-LD	asjg	brpq				0			
	UB-BD-FR-RD	asjo	brps				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-BD-LD-UL	asgd	brqa				0			
	UB-BD-LD-UR	asgb	brqc				0			
	UB-BD-LD-DF	asgu	brqd				0			
	UB-BD-LD-LU	asge	brqe				0			
	UB-BD-LD-RU	asgm	brqg				0			
	UB-BD-LD-FU	asgi	brqh				0			
	UB-BD-LD-FL	asgl	brqi				0			
	UB-BD-LD-LF	asgf	brqj				0			
	UB-BD-LD-LB	asgh	brqk				0			
	UB-BD-LD-BL	asgr	brql				0			
	UB-BD-LD-RB	asgn	brqn				0			
	UB-BD-LD-RF	asgp	brqo				0			
	UB-BD-LD-FR	asgj	brqp				0			
	UB-BD-LD-RD	asgo	brqs				0			
	UB-BD-RD-UL	asod	brsa				0			
	UB-BD-RD-UR	asob	brsc	wpwn vqht gv	F' E F' M' F E' L' S' L F		10		A	
	UB-BD-RD-DF	asou	brsd				0			
	UB-BD-RD-LU	asoe	brse				0		O	
	UB-BD-RD-BU	asoq	brsf				0			
	UB-BD-RD-RU	asom	brsg				0		P	
	UB-BD-RD-FU	asoi	brsh				0			
	UB-BD-RD-FL	asol	brsi				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		P
UB-BD-RD-LF	asof		brsj				0			
UB-BD-RD-LB	asoh		brsk				0			A
UB-BD-RD-BL	asor		brsl				0			A
UB-BD-RD-BR	asot		brsm				0			
UB-BD-RD-RB	ason		brsn				0			
UB-BD-RD-DL	asox		brst				0			L
UB-BD-DL-UL	asxd		brta				0			P
UB-BD-DL-UR	asxb		brtc				0			
UB-BD-DL-DF	asxu		brtd				0			A
UB-BD-DL-LU	asxe		brte				0			
UB-BD-DL-RU	asxm		brtg				0			
UB-BD-DL-FU	asxi		brth				0			A
UB-BD-DL-FL	asxl		brti				0			A
UB-BD-DL-LF	asxf		brtj				0			
UB-BD-DL-LB	asxh		brtk				0			
UB-BD-DL-BL	asxr		brtl				0			F
UB-BD-DL-BR	asxt		brtm				0			
UB-BD-DL-RB	asxn		brtn				0			C
UB-BD-DL-RF	asxp		brto				0			O
UB-BD-DL-FR	asxj		brtp				0			
UB-BD-DL-RD	asxo		brts				0			O
UB-BD-DL-DR	asxv		brtv				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
	UB-BD-DB-FU	aswi	bruh				0			P
	UB-BD-DB-LF	aswf	bruj				0			
	UB-BD-DR-UL	asvd	brva				0			
	UB-BD-DR-UR	asvb	brvc				0			
	UB-BD-DR-RU	asvm	brvg				0			
	UB-BD-DR-LF	asvf	brvj				0			
	UB-BD-DR-LB	asvh	brvk				0			
	UB-BD-DR-BL	asvr	brvl				0			
	UB-BD-DR-RB	asvn	brvn				0			
	UB-BD-DR-FR	asvj	brvp				0			
	UB-BD-FD-RU	askm	brxg	dsbf sctb td	D S U' D2 S U2 S' U' S' D		10			
	UB-BD-FD-DL	askx	brxt				0			
	UB-RD-UL-UR	aodb	bsac	sblu btal au	S U' R2 S2 U' S' U R2 U S2		10			
	UB-RD-UL-DF	aodu	bsad				0		0	
	UB-RD-UL-BU	aodq	bsaf				0			
	UB-RD-UL-RU	aodm	bsag	satb lbsa tl	S U S' U' R2 U' S U S' R2		10			
	UB-RD-UL-FL	aodl	bsai	cvka sjtk bjwc	U2 F R' U S R S' R' U' R F' U2		12		0	
	UB-RD-UL-LF	aodf	bsaj	ckqj cwak pjbv	U2 R' E' R U2 F' U R' E R U' F		12		A	
	UB-RD-UL-BL	aodr	bsal				0			
	UB-RD-UL-BR	aodt	bsam	tjat bjbs als	S' R U S' U' R U' S U R2 S		11			
	UB-RD-UL-RB	aodn	bsan	ksat bkbs atl	R' S U S' U' R' U' S U S' R2		11			
	UB-RD-UL-RF	aodp	bsao	jsat bjbs atl	R S U S' U' R U' S U S' R2		11		C	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-RD-UL-FR	aodj	bsap	tkat bkbs als	S' R' U S' U' R' U' S U R2 S		11			
	UB-RD-UL-LD	aodg	bsaq				0			
	UB-RD-UL-BD	aods	bsar	mian blbt csb	M R2 U M' U' R2 U' S' U2 S U'		11		C	
	UB-RD-UL-DL	aodx	bsat				0			
	UB-RD-UL-DB	aodw	bsau	smbn bsbt bt	S M U' M' U' S U' S' U' S'		10		C	
	UB-RD-UR-DF	aobu	bscd				0			
	UB-RD-UR-LU	aobe	bsce				0			
	UB-RD-UR-FU	aobi	bsch				0		A	
	UB-RD-UR-FL	aobl	bsci				0			
	UB-RD-UR-LF	aobf	bscj				0			
	UB-RD-UR-LB	aobh	bsck				0		L	
	UB-RD-UR-BL	aobr	bscl				0			
	UB-RD-UR-BR	aobt	bscm				0			
	UB-RD-UR-RB	aobn	bscn				0			
	UB-RD-UR-FR	aobj	bscp				0			
	UB-RD-UR-DL	aobx	bsct				0			
	UB-RD-DF-UL	aoud	bsda				0			
	UB-RD-DF-BU	aouq	bsdf				0			
	UB-RD-DF-FL	aoul	bsdi				0			
	UB-RD-DF-LF	aouf	bsdj				0		P	
	UB-RD-DF-LB	aouh	bsdk				0		L	
	UB-RD-DF-BL	aour	bsdl				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		C
UB-RD-DF-BR	aout		bsdm				0			A
UB-RD-DF-RB	aoun		bsdn				0			C
UB-RD-DF-RF	aoup		bsdo				0			O
UB-RD-DF-FR	aouj		bsdپ				0			O
UB-RD-DF-LD	aoug		bsdq				0			O
UB-RD-DF-BD	aous		bsdr				0			O
UB-RD-DF-DL	aoux		bsdt				0			O
UB-RD-DF-DB	aouw		bsdu				0			O
UB-RD-LU-UR	aoeb		bsec				0			O
UB-RD-LU-DF	aoeu		bsed				0			A
UB-RD-LU-RU	aoem		bseg				0			O
UB-RD-LU-LF	aoef		bsej				0			O
UB-RD-LU-BL	aoer		bsel				0			O
UB-RD-LU-BR	aoet		bsem				0			O
UB-RD-LU-LD	aoeg		bseq				0			O
UB-RD-LU-DL	aoex		bset				0			O
UB-RD-LU-DB	aoew		bseu				0			O
UB-RD-BU-RU	aoqm		bsfg				0			O
UB-RD-BU-LB	aoqh		bsfk				0			F
UB-RD-BU-BL	aoqr		bsfl				0			A
UB-RD-BU-FR	aoqj		bsfp				0			O
UB-RD-BU-DL	aoqx		bsft				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
	UB-RD-RU-DF	aomu	bsgd				0			
	UB-RD-RU-LU	aome	bsge				0			
	UB-RD-RU-FU	aomi	bsgh				0			
	UB-RD-RU-FL	aoml	bsgi				0			
	UB-RD-RU-LF	aomf	bsgj				0			
	UB-RD-RU-LB	aomh	bsgk	wkrj svdo et	F' R' E2 R f D M2 D' S'		10			
	UB-RD-RU-BR	aomt	bsgm				0			
	UB-RD-RU-RB	aomn	bsgn	awjc jpkc qkvb	U F' R U2 R E R' U2 E' R' F U'		12		0	
	UB-RD-RU-RF	aomp	bsgo				0			
	UB-RD-RU-LD	aomg	bsqq	ltat csa ls	R2 S' U S' U2 S U R2 S		9		P	
	UB-RD-RU-BD	aoms	bsgr	smdx odme xet	S M D F2 M2 D M D' F2 D' S'		11			
	UB-RD-RU-DL	aomx	bsgt				0			
	UB-RD-RU-DB	aomw	bsgu				0			
	UB-RD-RU-DR	aomv	bsgv				0			
	UB-RD-FU-UL	aoid	bsha				0			A
	UB-RD-FU-UR	aoib	bshc				0			
	UB-RD-FU-LU	aoie	bshe				0			
	UB-RD-FU-FL	aoil	bshi				0			O
	UB-RD-FU-LF	aoif	bshj				0			
	UB-RD-FU-LB	aoih	bshk				0			
	UB-RD-FU-BL	aoir	bshl				0			
	UB-RD-FU-RF	aoip	bsho				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-RD-FU-FR	a0ij	bshp				0			
	UB-RD-FU-BD	a0is	bshr				0			P
	UB-RD-FU-DL	a0ix	bsht				0			
	UB-RD-FU-DB	a0iw	bshu				0			
	UB-RD-FL-UL	a0ld	bsia				0			C
	UB-RD-FL-UR	a0lb	bsic				0			
	UB-RD-FL-DF	a0lu	bsid				0			O
	UB-RD-FL-LU	aole	bsie				0			
	UB-RD-FL-RU	aolm	bsig				0			
	UB-RD-FL-FU	aoli	bsih				0			
	UB-RD-FL-LB	aolh	bsik				0			O
	UB-RD-FL-BL	aolr	bsil				0			O
	UB-RD-FL-RB	aoln	bsin	ajcj pkcq kb	U R U2 R E R' U2 E' R' U'		10			O
	UB-RD-FL-RF	aolp	bsio				0			O
	UB-RD-FL-FR	aolj	bsip				0			
	UB-RD-FL-LD	aolg	bsiq				0			
	UB-RD-FL-BD	aols	bsir				0			
	UB-RD-FL-DL	aolx	bsit				0			
	UB-RD-FL-DB	aolw	bsiu				0			
	UB-RD-FL-DR	aolv	bsiv				0			
	UB-RD-LF-UL	aofd	bsja				0			A
	UB-RD-LF-DF	aofu	bsjd				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-RD-LF-LU	aofe	bsje				0			
	UB-RD-LF-BU	aofq	bsjf				0			
	UB-RD-LF-RU	aofm	bsjg				0			
	UB-RD-LF-LB	aofh	bsjk				0			A
	UB-RD-LF-BR	aoft	bsjm				0			
	UB-RD-LF-RF	aofp	bsjo				0			
	UB-RD-LF-LD	aofg	bsjq				0			
	UB-RD-LF-BD	aofs	bsjr	cwmv bqhs gbp	U2 F' M F U' E' L' S L u'		11			0
	UB-RD-LF-DL	aofx	bsjt				0			
	UB-RD-LF-DB	aofw	bsju				0			
	UB-RD-LF-DR	aofv	bsjv				0			
	UB-RD-LB-UL	aohd	bska				0			
	UB-RD-LB-UR	aohb	bskc				0			
	UB-RD-LB-DF	aohu	bskd				0			
	UB-RD-LB-LU	aohe	bske				0			
	UB-RD-LB-RU	aohm	bskg				0			
	UB-RD-LB-FL	aohl	bski				0			
	UB-RD-LB-LF	aohf	bskj				0			
	UB-RD-LB-BR	aoht	bskm				0			
	UB-RD-LB-RB	aohn	bskn				0			
	UB-RD-LB-RF	aohp	bsko				0			
	UB-RD-LB-FR	aohj	bskp				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
	UB-RD-LB-LD	aohg	bskq				0			
	UB-RD-LB-BD	aohs	bskr				0		A	
	UB-RD-LB-DL	aohx	bskt				0		O	
	UB-RD-LB-DB	aohw	bsku				0			
	UB-RD-BL-UL	aord	bsla				0		A	
	UB-RD-BL-UR	aorb	bslc				0		O	
	UB-RD-BL-DF	aoru	bsld				0		A	
	UB-RD-BL-LU	aore	bsle				0		A	
	UB-RD-BL-RU	aorm	bslg				0			
	UB-RD-BL-FU	aori	bslh				0		O	
	UB-RD-BL-FL	aorl	bsli				0		A	
	UB-RD-BL-LF	aorf	bslj	hual tbta lbg	L' S2 U R2 S' U' S' U R2 U' L		11			
	UB-RD-BL-BR	aort	bslm				0			
	UB-RD-BL-RB	aorn	bsln				0		O	
	UB-RD-BL-RF	aorp	bslo				0			
	UB-RD-BL-FR	aorj	bslp				0		A	
	UB-RD-BL-LD	aorg	bslq				0			
	UB-RD-BL-BD	aors	bslr	ebgt gdch sgb	D' U' L' S' L D U2 L' S L U'		11		P	
	UB-RD-BL-DL	aorx	bslt				0		C	
	UB-RD-BL-DB	aorw	bslu				0			
	UB-RD-BR-UL	aotd	bsma				0			
	UB-RD-BR-UR	aotb	bsmc				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-RD-BR-DF	aotu	bsmd				0			A
	UB-RD-BR-RU	aotm	bsmg				0			
	UB-RD-BR-LF	aotf	bsmj				0			
	UB-RD-BR-LB	aoth	bsmk				0			P
	UB-RD-BR-BL	aotr	bsml	mwrv evrw dn	M F' E2 F D' F E2 F' D M'		10			P
	UB-RD-BR-RF	aotp	bsmo				0			
	UB-RD-BR-LD	aotg	bsmq				0			O
	UB-RD-BR-BD	aots	bsmr				0			O
	UB-RD-BR-DL	aotx	bsmt				0			
	UB-RD-BR-DB	aotw	bsmu				0			
	UB-RD-RB-UL	aond	bsna	mkxn wavj vbk wb	r' F2 M' F' U F R F U' R' F' U'		13			
	UB-RD-RB-UR	aonb	bsnc				0			
	UB-RD-RB-LU	aone	bsne				0			
	UB-RD-RB-BU	aonq	bsnf				0			A
	UB-RD-RB-RU	aonm	bsng				0			
	UB-RD-RB-FU	aoni	bsnh				0			
	UB-RD-RB-FL	aonl	bsni				0			
	UB-RD-RB-LF	aonf	bsnj				0			
	UB-RD-RB-LB	aonh	bsnk				0			
	UB-RD-RB-BL	aonr	bsnl				0			O
	UB-RD-RB-RF	aonp	bsno				0			
	UB-RD-RB-FR	aonj	bsnp				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-RD-RB-LD	aong	bsnq	qakt ktju jbp	u R' S' R' S' R S2 R u'		11			
	UB-RD-RB-BD	aons	bsnr				0			
	UB-RD-RB-DL	aonx	bsnt				0			
	UB-RD-RB-DB	aonw	bsnu				0			
	UB-RD-RF-UL	aopd	bsoa				0			
	UB-RD-RF-UR	aopb	bsoc				0			
	UB-RD-RF-LU	aope	bsoe				0			
	UB-RD-RF-BU	aopq	bsof				0			
	UB-RD-RF-RU	aopm	bsog				0			
	UB-RD-RF-FU	aopi	bsoh				0			
	UB-RD-RF-FL	aopl	bsoi				0			
	UB-RD-RF-LF	aopf	bsoj				0			
	UB-RD-RF-BL	aopr	bsol				0			
	UB-RD-RF-BR	aopt	bsom				0			
	UB-RD-RF-RB	aopn	bson				0		0	
	UB-RD-RF-DL	aopx	bsot				0			
	UB-RD-RF-DB	aopw	bsou				0			
	UB-RD-FR-UL	aojd	bspa				0			
	UB-RD-FR-DF	aoju	bspd				0			A
	UB-RD-FR-RU	aojm	bspg				0			
	UB-RD-FR-FU	aoji	bspf				0			
	UB-RD-FR-LF	aojf	bspj				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-RD-FR-LB	aojh	bspk				0			
	UB-RD-FR-BL	aojr	bspl				0		L	
	UB-RD-FR-LD	aojg	bspq	aktk tju jb	U R' S' R' S' R S2 R U'		9		O	
	UB-RD-FR-BD	aojs	bspr				0		A	
	UB-RD-FR-DL	aojx	bspt				0			
	UB-RD-FR-DB	aojw	bspu				0		A	
	UB-RD-LD-UL	aogd	bsqa				0			
	UB-RD-LD-UR	aogb	bsqc	amdn anco en	U M D M' U M' U2 M2 D' M'		10			
	UB-RD-LD-DF	aogu	bsqd				0			
	UB-RD-LD-LU	aoge	bsqe				0		L	
	UB-RD-LD-RU	aogm	bsqq				0			
	UB-RD-LD-FL	aogl	bsqi				0			
	UB-RD-LD-LF	aogf	bsqj				0			
	UB-RD-LD-LB	aogh	bsqk				0			
	UB-RD-LD-BL	aogr	bsql				0			
	UB-RD-LD-BR	aogt	bsqm				0			
	UB-RD-LD-RB	aogn	bsqn				0			
	UB-RD-LD-RF	aogp	bsqo				0			
	UB-RD-LD-FR	aogj	bsqp				0			
	UB-RD-LD-DB	aogw	bsqu	mcen fme nc	M U2 D' M' D2 M D' M' U2		9			
	UB-RD-BD-UR	aosb	bsrc				0			
	UB-RD-BD-DF	aosu	bsrd				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
	UB-RD-BD-LU	aose	bsre				0			
	UB-RD-BD-BU	aosq	bsrf				0			
	UB-RD-BD-RU	aosm	bsrg				0			
	UB-RD-BD-LF	aosf	bsrj				0			
	UB-RD-BD-LB	aosh	bsrk				0		A	
	UB-RD-BD-BL	aosr	bsrl				0			
	UB-RD-BD-BR	aost	bsrm				0			
	UB-RD-BD-FR	aosj	bsrp				0			
	UB-RD-BD-DL	aosx	bsrt				0			
	UB-RD-BD-DR	aosv	bsrv				0			
	UB-RD-DL-UL	aoxd	bsta				0		O	
	UB-RD-DL-UR	aoxb	bstc				0			
	UB-RD-DL-DF	aoux	bstd				0		A	
	UB-RD-DL-LU	aoxe	bste				0		A	
	UB-RD-DL-RU	aoxm	bstg				0			
	UB-RD-DL-FU	aoxi	bsth				0		A	
	UB-RD-DL-FL	aoxl	bsti				0		A	
	UB-RD-DL-LF	aoxf	bstj				0			
	UB-RD-DL-LB	aoxh	bstk				0		A	
	UB-RD-DL-BL	aoxr	bstl				0			
	UB-RD-DL-RF	aoxp	bsto	akct jskc jb	U R' U2 S' R S R' U2 R U'		10			
	UB-RD-DL-FR	aoxj	bstp				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
			bstr				0			A
UB-RD-DL-BD	aoxs	bstr					0			
UB-RD-DL-DB	aoxw	bstu					0			
UB-RD-DB-UL	aowd	bsua					0			A
UB-RD-DB-UR	aowb	bsuc					0			
UB-RD-DB-DF	aowu	bsud					0			
UB-RD-DB-LU	aowe	bsue					0			
UB-RD-DB-RU	aowm	bsug					0			
UB-RD-DB-FU	aowi	bsuh					0			
UB-RD-DB-FL	aowl	bsui					0			O
UB-RD-DB-LF	aowf	bsuj					0			
	UB-RD-DB-BL	aowr	bsul	pmgd odmf hq	E I D M2 D M D2 L' E'		10			
UB-RD-DB-BR	aowt	bsum					0			
UB-RD-DB-RB	aown	bsun					0			
UB-RD-DB-RF	aowp	bsuo					0			
UB-RD-DB-LD	aowg	bsuq					0			
UB-RD-DR-BU	aovq	bsvf					0			
UB-RD-DR-RB	aovn	bsvn					0			
UB-RD-DR-DB	aovw	bsvu					0			
UB-DL-UL-DF	axdu	btad					0			
UB-DL-UL-FU	axdi	btah					0			
UB-DL-UL-FL	axdl	btai					0			
UB-DL-UL-LF	axdf	btaj					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-DL-UL-LB	axdh	btak				0			
	UB-DL-UL-BL	axdr	btal				0			A
	UB-DL-UL-BR	axdt	btam				0			
	UB-DL-UL-RB	axdn	btan				0			
	UB-DL-UL-RF	axdp	btao				0			
	UB-DL-UL-FR	axdj	btap				0			
	UB-DL-UL-RD	axdo	btas				0			
	UB-DL-UR-LU	axbe	btce				0			A
	UB-DL-UR-BU	axbq	btcf				0			
	UB-DL-UR-FU	axbi	btch				0			P
	UB-DL-UR-FL	axbl	btci				0			
	UB-DL-UR-LF	axbf	btcj				0			
	UB-DL-UR-LB	axbh	btck				0			O
	UB-DL-UR-BR	axbt	btcm	jajs lsju bk	R U R S R2 S R S2 U' R'		10			
	UB-DL-UR-RB	axbn	btcn				0			O
	UB-DL-UR-RF	axbp	btco				0			
	UB-DL-UR-BD	axbs	btcr				0			
	UB-DL-UR-RD	axbo	btcs				0			O
	UB-DL-UR-DB	axbw	btcu				0			
	UB-DL-UR-DR	axbv	btcv				0			
	UB-DL-DF-UL	axud	btda				0			O
	UB-DL-DF-LU	axue	btde				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-DL-DF-RU	axum	btdg				0			
	UB-DL-DF-LF	axuf	btdj				0			
	UB-DL-DF-BL	axur	btdl				0			
	UB-DL-DF-BR	axut	btdm				0			
	UB-DL-DF-RB	axun	btdn				0			A
	UB-DL-DF-FR	axuj	btdp				0			F
	UB-DL-DF-BD	axus	btdr				0			
	UB-DL-DF-FD	axuk	btdx				0			P
	UB-DL-LU-UR	axeb	btec				0			
	UB-DL-LU-RU	axem	bteg				0			
	UB-DL-LU-FU	axei	bteh				0			
	UB-DL-LU-FL	axel	btei				0			
	UB-DL-LU-LF	axef	btej				0			
	UB-DL-LU-BL	axer	btel				0			L
	UB-DL-LU-RF	axep	bteo				0			
	UB-DL-LU-LD	axeg	bteq				0			
	UB-DL-LU-BD	axes	bter	bmdn ultl eta	U' M D M' S2 R2 S' R2 D' S' U		11			O
	UB-DL-LU-DB	axew	bteu				0			
	UB-DL-LU-DR	axev	btev				0			
	UB-DL-BU-UR	axqb	btfc				0			A
	UB-DL-BU-LU	axqe	btfe				0			O
	UB-DL-BU-RU	axqm	btfg				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		
UB-DL-BU-FU	axqi		btfh					0		
UB-DL-BU-BL	axqr		btfl					0		A
UB-DL-BU-RD	axqo		btfs					0		
UB-DL-RU-UL	axmd		btga					0		
UB-DL-RU-DF	axmu		btgd					0		
UB-DL-RU-LU	axme		btge					0		
UB-DL-RU-BU	axmq		btgf					0		
UB-DL-RU-FL	axml		btgi					0		
UB-DL-RU-LF	axmf		btgj					0		O
UB-DL-RU-LB	axmh		btgk					0		
UB-DL-RU-BL	axmr		btgl					0		
UB-DL-RU-BR	axmt		btgm					0		
UB-DL-RU-RB	axmn		btgn					0		O
UB-DL-RU-RF	axmp		btgo					0		
UB-DL-RU-FR	axmj		btgp					0		A
UB-DL-RU-BD	axms		btgr					0		
UB-DL-RU-RD	axmo		btgs					0		
UB-DL-RU-DB	axmw		btgu					0		
UB-DL-RU-DR	axmv		btgv					0		
UB-DL-FU-UL	axid		btha					0		L
UB-DL-FU-LU	axie		bthe					0		
UB-DL-FU-BU	axiq		bthf					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
			bthg				0			
	UB-DL-FU-RU	axim	bthg				0			
	UB-DL-FU-FL	axil	bthi				0		0	
	UB-DL-FU-LF	axif	bthj				0			
	UB-DL-FU-RF	axip	btho				0		A	
	UB-DL-FU-FR	axij	bthp				0			
	UB-DL-FU-BD	axis	bthr				0			
	UB-DL-FU-RD	axio	bths				0			
	UB-DL-FU-DB	axiw	bthu				0			
	UB-DL-FU-DR	axiv	bthv				0			
	UB-DL-FL-UL	axld	btia				0			
	UB-DL-FL-UR	axlb	btic				0		0	
	UB-DL-FL-DF	axlu	btid	cnbt gsbm ahb	U2 M' U' S' L S U' M U L' U'		11		0	
	UB-DL-FL-LU	axle	btie				0			
	UB-DL-FL-RU	axlm	btig				0			
	UB-DL-FL-LB	axlh	btik				0		0	
	UB-DL-FL-BL	axlr	btil				0			
	UB-DL-FL-BR	axlt	btim				0			
	UB-DL-FL-RB	axln	btin	athp hqhs hb	U S' L' E L' E' L' S L' U'		10		A	
	UB-DL-FL-FR	axlj	btip				0			
	UB-DL-FL-BD	axls	btir				0			
	UB-DL-FL-DB	axlw	btiu				0			
	UB-DL-LF-UL	axfd	btja				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
UB-DL-LF-UR	axfb		btjc				0			
UB-DL-LF-DF	axfu		btjd				0			
UB-DL-LF-LU	axfe		btje				0			P
UB-DL-LF-BU	axfq		btjf				0			
UB-DL-LF-LB	axfh		btjk				0			A
UB-DL-LF-BL	axfr		btjl				0			A
UB-DL-LF-BR	axft		btjm				0			
UB-DL-LF-RB	axfn		btjn				0			
UB-DL-LF-RF	axfp		btjo				0			
UB-DL-LF-FR	axfj		btjp				0			
UB-DL-LF-RD	axfo		btjs				0			
UB-DL-LF-DB	axfw		btju				0			O
UB-DL-LF-DR	axfv		btjv				0			
UB-DL-LB-UL	axhd		btka				0			
UB-DL-LB-UR	axhb		btkc				0			
UB-DL-LB-DF	axhu		btkd				0			
UB-DL-LB-RU	axhm		btkg				0			
UB-DL-LB-LF	axhf		btkj				0			
UB-DL-LB-RF	axhp		btko				0			
UB-DL-LB-FR	axhj		btkp				0			
UB-DL-LB-DB	axhw		btku				0			
UB-DL-BL-UL	axrd		btla				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		
UB-DL-BL-UR	axrb		btlc					0		
UB-DL-BL-DF	axru		btld					0		
UB-DL-BL-LU	axre		btle					0		0
UB-DL-BL-BU	axrq		btlf					0		
UB-DL-BL-RU	axrm		btlg					0		0
UB-DL-BL-FU	axri		btlh					0		
UB-DL-BL-FL	axrl		btli					0		
UB-DL-BL-LF	axrf		btlj					0		0
UB-DL-BL-BR	axrt		btlm					0		
UB-DL-BL-RB	axrn		btln					0		
UB-DL-BL-RF	axrp		btlo					0		
UB-DL-BL-FR	axrj		btlp					0		
UB-DL-BL-BD	axrs		btlr					0		P
UB-DL-BL-RD	axro		btls					0		0
UB-DL-BL-DB	axrw		btlu					0		
UB-DL-BL-DR	axrv		btlv					0		F
UB-DL-BR-UL	axtd		btma					0		
UB-DL-BR-UR	axtb		btmc					0		
UB-DL-BR-DF	axtu		btmd					0		
UB-DL-BR-LU	axte		btme					0		
UB-DL-BR-RU	axtm		btmg					0		
UB-DL-BR-FU	axti		btmh					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-DL-BR-FL	axtl	btmi				0			A
	UB-DL-BR-LF	axtf	btmj				0			A
	UB-DL-BR-LB	axth	btmk				0			
	UB-DL-BR-BL	axtr	btml	mgvr whwr vn	I F E2 F' L' F' E2 F M'		10			
	UB-DL-BR-RF	axtp	btmo				0			
	UB-DL-BR-FR	axtj	btmp				0			O
	UB-DL-BR-BD	axts	btmr				0			
	UB-DL-BR-RD	axto	btms				0			A
	UB-DL-BR-DR	axtv	btmv				0			
	UB-DL-RB-UL	axnd	btna				0			
	UB-DL-RB-LU	axne	btne				0			O
	UB-DL-RB-FL	axnl	btni				0			
	UB-DL-RB-RF	axnp	btno				0			
	UB-DL-RB-FR	axnj	btnp				0			
	UB-DL-RB-DB	axnw	btnu				0			
	UB-DL-RB-DR	axnv	btnv				0			
	UB-DL-RF-UL	axpd	btoa				0			
	UB-DL-RF-UR	axpb	btoc				0			
	UB-DL-RF-BU	axpq	btof				0			
	UB-DL-RF-FU	axpi	btoh				0			
	UB-DL-RF-FL	axpl	btoi				0			
	UB-DL-RF-LF	axpf	btoj				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		
	UB-DL-RF-LB	axph	btok					0		
	UB-DL-RF-BL	axpr	btol					0		
	UB-DL-RF-RB	axpn	bton					0		0
	UB-DL-RF-BD	axps	btor					0		
	UB-DL-RF-RD	axpo	btos					0		
	UB-DL-RF-DB	axpw	btou					0		
	UB-DL-RF-DR	axpv	btov					0		
	UB-DL-FR-UL	axjd	btpa					0		
	UB-DL-FR-UR	axjb	btpc					0		
	UB-DL-FR-DF	axju	btpd					0		0
	UB-DL-FR-LU	axje	btpc					0		
	UB-DL-FR-BU	axjq	btpf					0		
	UB-DL-FR-RU	axjm	btpg					0		
	UB-DL-FR-FU	axji	btpb					0		
	UB-DL-FR-FL	axjl	btpi					0		
	UB-DL-FR-LF	axjf	btpj					0		
	UB-DL-FR-LB	axjh	btpk					0		
	UB-DL-FR-BL	axjr	btpl					0		
	UB-DL-FR-BR	axjt	btpm	bsct kslt kb	U' S U2 S' R' S R2 S' R' U'		10		0	
	UB-DL-FR-RB	axjn	btpn					0		
	UB-DL-FR-BD	axjs	bptr					0		
	UB-DL-FR-RD	axjo	btps					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-DL-FR-DR	axjv	btpv				0			
	UB-DL-LD-LF	axgf	btqj				0			
	UB-DL-LD-RF	axgp	btqo				0			
	UB-DL-BD-UL	axsd	btra				0		0	
	UB-DL-BD-UR	axsb	btrc				0			
	UB-DL-BD-DF	axsu	btrd				0			
	UB-DL-BD-LU	axse	btre				0			
	UB-DL-BD-RU	axsm	btrg				0		A	
	UB-DL-BD-FU	axsi	btrh				0			
	UB-DL-BD-FL	axsl	btri				0		0	
	UB-DL-BD-LF	axsf	btrj				0		A	
	UB-DL-BD-LB	axsh	btrk				0		0	
	UB-DL-BD-BL	axsr	btrl				0		0	
	UB-DL-BD-RB	axsn	btrn	bska mcna jctb	U' S R' U M U2 M' U R U2 S' U'		12			
	UB-DL-BD-RF	axsp	btro				0			
	UB-DL-BD-FR	axsj	btrp				0			
	UB-DL-BD-RD	axso	btrs				0		P	
	UB-DL-RD-UL	axod	btsa				0		A	
	UB-DL-RD-UR	axob	btsc				0		F	
	UB-DL-RD-DF	axou	btsd				0			
	UB-DL-RD-LU	axoe	btse				0		F	
	UB-DL-RD-RU	axom	btsg				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		
	UB-DL-RD-FU	axoi	btsh					0		
	UB-DL-RD-FL	axol	btsi					0		
	UB-DL-RD-LF	axof	btsj					0		P
	UB-DL-RD-LB	axoh	btsk					0		A
	UB-DL-RD-BL	axor	btsl					0		A
	UB-DL-RD-RB	axon	btsn					0		
	UB-DL-RD-RF	axop	btso					0		
	UB-DL-RD-FR	axoj	btsp					0		
	UB-DL-RD-LD	axog	btsq					0		
	UB-DL-RD-BD	axos	btsr					0		
	UB-DL-RD-DB	axow	btsu					0		
	UB-DL-DB-UL	axwd	btua					0		
	UB-DL-DB-UR	axwb	btuc					0		
	UB-DL-DB-LU	axwe	btue					0		
	UB-DL-DB-BU	axwq	btuf					0		
	UB-DL-DB-FL	axwl	btui					0		O
	UB-DL-DB-LF	axwf	btuj	tmgd odmf hs	S' I D M2 D M D2 L' S			10		
	UB-DL-DB-LB	axwh	btuk					0		L
	UB-DL-DB-BL	axwr	btul					0		
	UB-DL-DB-BR	axwt	btum					0		
	UB-DL-DB-RB	axwn	btun					0		A
	UB-DL-DB-RF	axwp	btuo					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-DL-DB-FR	axwj	btup				0			
	UB-DL-DB-RD	axwo	btus				0			
	UB-DL-DB-DR	axwv	btuv	mxcn eodo cx	M F2 U2 M' D' M2 D M2 U2 F2		10			
	UB-DL-DR-UL	axvd	btva				0		0	
	UB-DL-DR-UR	axvb	btvc				0			
	UB-DL-DR-DF	axvu	btvd				0			
	UB-DL-DR-LU	axve	btve				0		F	
	UB-DL-DR-BU	axvq	btvf				0			
	UB-DL-DR-FL	axvl	btvi				0		0	
	UB-DL-DR-LF	axvf	btvj				0		0	
	UB-DL-DR-LB	axvh	btvk				0			
	UB-DL-DR-BL	axvr	btvl				0		A	
	UB-DL-DR-BR	axvt	btvm				0		A	
	UB-DL-DR-RB	axvn	btvn				0		0	
	UB-DL-DR-RF	axvp	btvo				0			
	UB-DL-DR-FR	axvj	btvp				0		0	
	UB-DL-DR-BD	axvs	btvr				0			
	UB-DL-DR-DB	axvw	btvu	ncmd ncn eo	M' U2 M D M' U2 M' D' M2		9			
	UB-DB-UL-UR	awdb	buac				0			
	UB-DB-UL-RU	awdm	buag				0			
	UB-DB-UL-FL	awdl	buai				0			
	UB-DB-UL-LF	awdf	buaj				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		
UB-DB-UL-LB	awdh		buak				0			
UB-DB-UL-BL	awdr		bual				0			A
UB-DB-UL-BR	awdt		buam				0			
UB-DB-UL-RB	awdn		buan				0			
UB-DB-UL-RF	awdp		buao				0			
UB-DB-UL-FR	awdj		buap				0			
UB-DB-UL-LD	awdg		buaq				0			
UB-DB-UL-RD	awdo		buas				0			O
UB-DB-UL-DL	awdx		buat				0			L
UB-DB-UL-DR	awdv		buav				0			
UB-DB-UR-UL	awbd		buca				0			
UB-DB-UR-DF	awbu		bucd				0			
UB-DB-UR-LU	awbe		buce				0			
UB-DB-UR-FL	awbl		buci				0			
UB-DB-UR-LF	awbf		bucj				0			
UB-DB-UR-LB	awbh		buck				0			O
UB-DB-UR-BL	awbr		bucl				0			O
UB-DB-UR-RB	awbn		bucn				0			
UB-DB-UR-RF	awbp		buco				0			
UB-DB-UR-FR	awbj		bucp				0			
UB-DB-UR-LD	awbg		bucq				0			O
UB-DB-UR-BD	awbs		bucr				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		O
UB-DB-UR-RD	awbo	bucs					0			
UB-DB-UR-DL	awbx	buct					0		P	
UB-DB-DF-UL	awud	buda					0		C	
UB-DB-DF-UR	awub	budc					0			
UB-DB-DF-LU	awue	bude					0		P	
UB-DB-DF-RU	awum	budg					0		O	
UB-DB-DF-FL	awul	budi					0		P	
UB-DB-DF-LF	awuf	budj					0			
UB-DB-DF-LB	awuh	budk					0			
UB-DB-DF-FR	awuj	budp					0			
UB-DB-DF-LD	awug	budq					0			
UB-DB-DF-RD	awuo	buds					0		O	
UB-DB-DF-DL	awux	budt					0			
UB-DB-DF-DR	awuv	budv					0			
UB-DB-LU-DF	aweū	bued					0			
UB-DB-LU-FU	awei	bueh					0			
UB-DB-LU-BL	awer	buel					0			
UB-DB-LU-BR	awet	buem					0			
UB-DB-LU-RF	awep	bueo					0			
UB-DB-LU-LD	aweg	bueq					0			
UB-DB-LU-DR	awev	buev					0			
UB-DB-BU-UR	awqb	bufc					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-DB-BU-LU	awqe	bufe				0		0	
	UB-DB-BU-RU	awqm	bufg				0		0	
	UB-DB-BU-LD	awqg	bufq				0		0	
	UB-DB-BU-BD	awqs	bufr				0			
	UB-DB-RU-UL	awmd	buga				0			
	UB-DB-RU-DF	awmu	bugd				0			
	UB-DB-RU-LU	awme	buge				0			
	UB-DB-RU-FL	awml	bugi				0			
	UB-DB-RU-LF	awmf	bugj				0			
	UB-DB-RU-LB	awmh	bugk				0			
	UB-DB-RU-BL	awmr	bugl				0			
	UB-DB-RU-RF	awmp	bugo				0		A	
	UB-DB-RU-FR	awmj	bugp				0			
	UB-DB-RU-LD	awmg	bugq				0			
	UB-DB-RU-RD	awmo	bugs				0		0	
	UB-DB-RU-DL	awmx	bugt	bsbt amb nc	U' S U' S' U M U' M' U2		9			
	UB-DB-FU-UR	awib	buhc				0			
	UB-DB-FU-LU	awie	buhe				0			
	UB-DB-FU-FL	awil	buhi				0			
	UB-DB-FU-BL	awir	buhl				0			
	UB-DB-FU-FR	awij	buhp				0		A	
	UB-DB-FU-RD	awio	buhs				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-DB-FU-DL	awix	buht				0		0	
	UB-DB-FL-UL	awld	buia				0		0	
	UB-DB-FL-DF	awlu	buid				0		0	
	UB-DB-FL-LU	awle	buie				0		0	
	UB-DB-FL-RU	awl m	buig				0		0	
	UB-DB-FL-FU	awli	buih				0		0	
	UB-DB-FL-LB	awl h	buik				0		A	
	UB-DB-FL-BL	awl r	buil				0		0	
	UB-DB-FL-BR	awl t	buim				0		A	
	UB-DB-FL-RB	awl n	buin				0		0	
	UB-DB-FL-FR	awl j	buip				0		0	
	UB-DB-FL-LD	awl g	buiq	mvas cta w cnc	M F U S U2 S' U F' U2 M' U2		11			
	UB-DB-FL-RD	awl o	buis				0		P	
	UB-DB-FL-DL	awl x	buit				0		0	
	UB-DB-LF-UL	awfd	buja				0		0	
	UB-DB-LF-UR	awfb	bujc				0		0	
	UB-DB-LF-DF	awfu	bujd				0		0	
	UB-DB-LF-LU	awfe	buje				0		0	
	UB-DB-LF-BU	awfq	bujf				0		0	
	UB-DB-LF-RU	awfm	bujg				0		0	
	UB-DB-LF-BR	awft	bujm				0		0	
	UB-DB-LF-RB	awfn	bujn				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		
UB-DB-LF-RD	awfo		bujs				0			
UB-DB-LF-DL	awfx		bujt				0			
UB-DB-LF-DR	awfv		bujv				0			
UB-DB-LB-UL	awhd		buka				0		0	
UB-DB-LB-UR	awhb		bukc				0			
UB-DB-LB-DF	awhu		bukd				0		P	
UB-DB-LB-LU	awhe		buke				0		0	
UB-DB-LB-RU	awhm		bukg				0			
UB-DB-LB-FU	awhi		bukh				0		A	
UB-DB-LB-FL	awhl		buki				0		C	
UB-DB-LB-LF	awhf		bukj				0			
UB-DB-LB-RB	awhn		bukn				0			
UB-DB-LB-FR	awhj		bukp				0			
UB-DB-LB-LD	awhg		bukq				0			
UB-DB-LB-BD	awhs		bukr				0		A	
UB-DB-LB-DL	awhx		bukt				0			
UB-DB-LB-DR	awhv		bukv				0			
UB-DB-BL-UL	awrd		bula				0		A	
UB-DB-BL-UR	awrb		bulc				0			
UB-DB-BL-DF	awru		buld				0		A	
UB-DB-BL-LU	awre		bule				0		P	
UB-DB-BL-RU	awrm		bulg				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		
	UB-DB-BL-FU	awri	bulh					0		
	UB-DB-BL-FL	awrl	buli					0		P
	UB-DB-BL-LF	awrf	bulj					0		O
	UB-DB-BL-LB	awrh	bulk					0		O
	UB-DB-BL-BR	awrt	bulm					0		
	UB-DB-BL-RB	awrn	buln					0		
	UB-DB-BL-LD	awrg	bulq					0		
	UB-DB-BL-RD	awro	buls					0		C
	UB-DB-BL-DL	awrx	built					0		O
	UB-DB-BL-DR	awrv	bulv					0		A
	UB-DB-BR-UL	awtd	buma					0		O
	UB-DB-BR-LU	awte	bume					0		
	UB-DB-BR-FL	awtl	bumi					0		C
	UB-DB-BR-LF	awtf	bumj					0		
	UB-DB-BR-BL	awtr	buml					0		
	UB-DB-BR-FR	awtj	bump					0		O
	UB-DB-BR-LD	awtg	bumq					0		
	UB-DB-BR-BD	awts	bumr					0		O
	UB-DB-BR-DL	awtx	bumt	mcnb hpiq hb	M U2 M' U' L' E L2 E' L' U'			10		
	UB-DB-RB-UL	awnd	buna					0		
	UB-DB-RB-UR	awnb	bunc					0		
	UB-DB-RB-DF	awnu	bund					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		
UB-DB-RB-LU	awne	bune					0			
UB-DB-RB-BU	awnq	bunf					0			
UB-DB-RB-RU	awnm	bung					0			
UB-DB-RB-FU	awni	bunh					0			
UB-DB-RB-FL	awnl	buni					0		O	
UB-DB-RB-LF	awnf	bunj					0		L	
UB-DB-RB-LB	awnh	bunk					0		O	
UB-DB-RB-BL	awnr	bunl					0			
UB-DB-RB-LD	awng	bunq					0			
UB-DB-RB-RD	awno	buns					0			
UB-DB-RB-DL	awnx	bunt					0			
UB-DB-RB-DR	awnv	bunv					0			
UB-DB-RF-UL	awpd	buoa					0			
UB-DB-RF-UR	awpb	buoc					0			
UB-DB-RF-DF	awpu	buod					0		A	
UB-DB-RF-LU	awpe	buoe					0			
UB-DB-RF-RU	awpm	buog					0		P	
UB-DB-RF-FL	awpl	buoi					0		A	
UB-DB-RF-LF	awpf	buoj					0			
UB-DB-RF-LB	awph	buok					0			
UB-DB-RF-BL	awpr	buol					0			
UB-DB-RF-RD	awpo	buos					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-DB-RF-DL	awpx	buot				0			
	UB-DB-FR-UL	awjd	bupa				0			
	UB-DB-FR-UR	awjb	bupc				0			
	UB-DB-FR-DF	awju	bupd				0			
	UB-DB-FR-LU	awje	bupe				0		0	
	UB-DB-FR-RU	awjm	bupg				0			
	UB-DB-FR-FL	awjl	bupi				0			
	UB-DB-FR-LF	awjf	bupj				0			
	UB-DB-FR-LB	awjh	bupk				0			
	UB-DB-FR-BL	awjr	bupl				0			
	UB-DB-FR-BR	awjt	bupm				0		0	
	UB-DB-FR-RB	awjn	bupn				0			
	UB-DB-FR-RF	awjp	bupo				0			
	UB-DB-FR-LD	awjg	bupq	akve tdws jb	U R' F D' S' D F' S R U'		10			
	UB-DB-FR-RD	awjo	bups				0			
	UB-DB-FR-DL	awjx	bupt				0		0	
	UB-DB-LD-UR	awgb	buqc				0			
	UB-DB-LD-LU	awge	buqe	mcle mfne lnc	M U2 R2 D' M D2 M' D' R2 M' U2		11			
	UB-DB-LD-FU	awgi	buqh				0			
	UB-DB-LD-LF	awgf	buqj				0			
	UB-DB-LD-LB	awgh	buqk				0			
	UB-DB-LD-BL	awgr	buql				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		
UB-DB-LD-RB	awgn		buqn				0			
UB-DB-LD-RD	awgo		buqs				0			
UB-DB-BD-RF	awsp		buro				0		0	
UB-DB-BD-FR	awsj		burp				0		A	
UB-DB-RD-UL	awod		busa				0		0	
UB-DB-RD-UR	awob		busc				0			
UB-DB-RD-DF	awou		busd				0			
UB-DB-RD-LU	awoe		buse				0			
UB-DB-RD-RU	awom		busg				0			
UB-DB-RD-FU	awoi		bush				0		0	
UB-DB-RD-FL	awol		busi				0		A	
UB-DB-RD-BL	awor		busl				0			
UB-DB-RD-BR	awot		busm				0		0	
UB-DB-RD-RB	awon		busn				0			
UB-DB-RD-DL	awox		bust				0		A	
UB-DB-DL-UL	awxd		buta				0			
UB-DB-DL-UR	awxb		butc				0		P	
UB-DB-DL-FU	awxi		buth				0			
UB-DB-DL-FL	awxl		buti				0			
UB-DB-DL-LF	awxf		butj				0			
UB-DB-DL-LB	awxh		butk				0		0	
UB-DB-DL-BL	awxr		butl				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
	UB-DB-DL-BR	awxt	butm				0			
	UB-DB-DL-RB	awxn	butn				0			
	UB-DB-DL-RF	awxp	buto				0			
	UB-DB-DL-FR	awxj	butp				0			
	UB-DB-DL-RD	awxo	buts				0		0	
	UB-DB-DR-UL	awvd	buvा				0			
	UB-DB-DR-UR	awvb	buvc	alat mbns lb	U R2 U S' M U' M' S R2 U'		10			
	UB-DB-DR-RU	awvm	buvg				0			
	UB-DB-DR-FL	awvl	buvī				0			
	UB-DB-DR-LF	awvf	buvj				0		0	
	UB-DB-DR-BL	awvr	buvl				0		C	
	UB-DB-DR-BR	awvt	buvm				0			
	UB-DB-DR-RB	awvn	buvn				0			
	UB-DB-DR-RF	awvp	buvō				0			
	UB-DB-DR-FR	awvj	buvp				0			
	UB-DB-DR-LD	awvg	buvq				0			
	UB-DR-UL-UR	avdb	bvac				0			
	UB-DR-UL-RU	avdm	bvag				0			
	UB-DR-UL-FL	avdl	bvai				0			
	UB-DR-UL-LF	avdf	bvaj				0			
	UB-DR-UL-LB	avdh	bvak				0			
	UB-DR-UL-BL	avdr	bval				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
	UB-DR-UL-BR	avdt	bvam				0			
	UB-DR-UL-RB	avdn	bvan				0			
	UB-DR-UL-RF	avdp	bvaو				0			
	UB-DR-UL-FR	avdj	bvap				0			
	UB-DR-UL-LD	avdg	bvaq				0			
	UB-DR-UL-DL	avdx	bvat				0			
	UB-DR-UL-DB	avdw	bvau				0			
	UB-DR-UR-UL	avbd	bvca				0			
	UB-DR-UR-DF	avbu	bvcd				0			
	UB-DR-UR-LU	avbe	bvce				0			A
	UB-DR-UR-FU	avbi	bvch				0			
	UB-DR-UR-FL	avbl	bvcı	kplıq katc sa	R' E R2 E' R' U S' U2 S U		10			
	UB-DR-UR-LF	avbf	bvcj				0			
	UB-DR-UR-LB	avbh	bvck				0			
	UB-DR-UR-BL	avbr	bvcl				0			
	UB-DR-UR-BR	avbt	bvcm	jaja lckb kbjb	R U R U R2 U2 R' U' R' U' R U'		12			
	UB-DR-UR-RB	avbn	bvcn				0			A
	UB-DR-UR-RF	avbp	bvco	qkpl qkap tcsa	E' R' E R2 E' R' U E S' U2 S U		12			
	UB-DR-UR-FR	avbj	bvcپ				0			P
	UB-DR-UR-LD	avbg	bvcq				0			A
	UB-DR-UR-DL	avbx	bvct				0			
	UB-DR-UR-DB	avbw	bvcu				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		
UB-DR-DF-UL	avud	bvda						0		
UB-DR-DF-UR	avub	bvd ^c						0		
UB-DR-DF-LU	avue	bvd ^e						0		
UB-DR-DF-FL	avul	bvd ⁱ						0		A
UB-DR-DF-LF	avuf	bvdj						0		
UB-DR-DF-LB	avuh	bvd ^k						0		
UB-DR-DF-BL	avur	bvd ^l						0		
UB-DR-DF-BR	avut	bvd ^m						0		
UB-DR-DF-RB	avun	bvd ⁿ						0		
UB-DR-DF-RF	avup	bvd ^o						0		
UB-DR-DF-FR	avuj	bvd ^p						0		
UB-DR-DF-LD	avug	bvdq						0		
UB-DR-DF-BD	avus	bvdr						0		
UB-DR-DF-RD	avuo	bvd ^s						0		
UB-DR-LU-RU	avem	bveg						0		
UB-DR-LU-LB	aveh	bvek						0		
UB-DR-LU-BL	aver	bvel						0		
UB-DR-LU-BR	avet	bverm						0		
UB-DR-LU-RB	aven	bven						0		
UB-DR-LU-LD	aveg	bveq						0		
UB-DR-LU-BD	aves	bver						0		
UB-DR-LU-DL	avex	bvet						0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-DR-BU-RU	avqm	bvfg				0			
	UB-DR-BU-FU	avqi	bvfh				0			
	UB-DR-BU-RB	avqn	bvfn				0			
	UB-DR-RU-DF	avmu	bvgd				0			
	UB-DR-RU-LU	avme	bvge				0			
	UB-DR-RU-FL	avml	bvgi				0			
	UB-DR-RU-BL	avmr	bvgl				0			
	UB-DR-RU-BR	avmt	bvgm				0			
	UB-DR-RU-RB	avmn	bvgn				0			
	UB-DR-RU-RF	avmp	bvgo				0			
	UB-DR-RU-FR	avmj	bvgp				0			
	UB-DR-RU-LD	avmg	bvgq	aiub saia sc	U L2 S2 U' S U L2 U S U2		10			F
	UB-DR-RU-BD	avms	bvgr				0			
	UB-DR-FU-UL	avid	bvha				0			
	UB-DR-FU-UR	avib	bvhc				0			
	UB-DR-FU-LU	avie	bvhe				0			
	UB-DR-FU-RU	avim	bvhg				0			
	UB-DR-FU-FL	avil	bvhi				0			
	UB-DR-FU-LF	avif	bvhj				0			
	UB-DR-FU-LB	avih	bvhk				0			
	UB-DR-FU-BL	avir	bvhl				0			
	UB-DR-FU-FR	avij	bvhp				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
	UB-DR-FU-LD	avig	bvhq				0			
	UB-DR-FU-DB	aviw	bvhuh				0			
	UB-DR-FL-UL	avld	bvia				0		0	
	UB-DR-FL-DF	avlu	bvid				0		0	
	UB-DR-FL-LU	avle	bvie				0			
	UB-DR-FL-BU	avlq	bvif				0			
	UB-DR-FL-LB	avlh	bvik				0			
	UB-DR-FL-BR	avlt	bvim				0			
	UB-DR-FL-RB	avln	bvin	alsj tkpj qjb	U R2 S R S' R' E R E' R U'		11		P	
	UB-DR-FL-RF	avlp	bvio				0			
	UB-DR-FL-FR	avlj	bvip				0			
	UB-DR-FL-LD	avlg	bviq				0		A	
	UB-DR-FL-BD	avls	bvir				0			
	UB-DR-FL-DL	avlx	bvit				0			
	UB-DR-FL-DB	avlw	bviu				0			
	UB-DR-LF-UL	avfd	bvja				0			
	UB-DR-LF-UR	avfb	bvjc				0			
	UB-DR-LF-DF	avfu	bvjd				0			
	UB-DR-LF-LU	avfe	bvje				0			
	UB-DR-LF-RU	avfm	bvjq				0			
	UB-DR-LF-FU	avfi	bvjh				0			
	UB-DR-LF-LB	avfh	bvjk				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-DR-LF-BR	avft	bvjm				0			
	UB-DR-LF-RB	avfn	bvjn				0			
	UB-DR-LF-RF	avfp	bvjo				0			
	UB-DR-LF-LD	avfg	bvjq				0			
	UB-DR-LF-BD	avfs	bvjr				0			
	UB-DR-LF-DL	avfx	bvjt				0			
	UB-DR-LF-DB	avfw	bvju	hman atas ag	L' M U M' U S' U S U L		10			
	UB-DR-LB-UR	avhb	bvk c				0			
	UB-DR-LB-DF	avhu	bvk d				0			
	UB-DR-LB-LU	avhe	bvk e				0			
	UB-DR-LB-RU	avhm	bvk g				0			
	UB-DR-LB-FU	avhi	bvk h				0			
	UB-DR-LB-FL	avhl	bvk i				0			
	UB-DR-LB-RB	avhn	bvk n				0			
	UB-DR-LB-DL	avhx	bvk t				0			A
	UB-DR-LB-DB	avhw	bvk u				0			
	UB-DR-BL-UL	avrd	bvla				0			P
	UB-DR-BL-LU	avre	bvle				0			P
	UB-DR-BL-RU	avrm	bvl g				0			
	UB-DR-BL-FL	avr l	bvli				0			O
	UB-DR-BL-LF	avr f	bvl j				0			
	UB-DR-BL-RB	avrn	bvl n	alsj tjqj pkb	U R2 S R S' R E' R E R' 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
								0		
UB-DR-BL-RF	avrp		bvlo					0		
UB-DR-BL-FR	avrj		bvlp					0		
UB-DR-BL-LD	avrg		bvlq					0		
UB-DR-BL-DL	avrx		bvlt					0		P
UB-DR-BR-UL	avtd		bvma					0		
UB-DR-BR-DF	avtu		bvmd					0		
UB-DR-BR-LU	avte		bvme					0		
UB-DR-BR-RU	avtm		bvmg					0		
UB-DR-BR-FL	avtl		bvmi					0		
UB-DR-BR-LF	avtf		bvmj					0		
UB-DR-BR-BL	avtr		bvmj					0		
UB-DR-BR-RF	avtp		bvmo					0		F
UB-DR-BR-FR	avtj		bvmp					0		
UB-DR-BR-LD	avtg		bvmq					0		
UB-DR-BR-DL	avtx		bvmt					0		
UB-DR-BR-DB	avtw		bvmu					0		
UB-DR-RB-UL	avnd		bvna					0		P
UB-DR-RB-UR	avnb		bvnc					0		F
UB-DR-RB-LU	avne		bvne					0		
UB-DR-RB-RU	avnm		bvng					0		
UB-DR-RB-FL	avnl		bvni					0		
UB-DR-RB-LF	avnf		bvnj					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-DR-RB-FR	avnj	bvnp				0			
	UB-DR-RB-DL	avnx	bvnt				0			
	UB-DR-RB-DB	avnw	bvnu				0			
	UB-DR-RF-UL	avpd	bvoa				0			
	UB-DR-RF-UR	avpb	bvoc				0			
	UB-DR-RF-RU	avpm	bvog				0			
	UB-DR-RF-FL	avpl	bvoi				0			
	UB-DR-RF-LF	avpf	bvoj				0			
	UB-DR-RF-LB	avph	bvok				0			
	UB-DR-RF-BL	avpr	bvol				0		F	
	UB-DR-RF-RB	avpn	bvon				0			
	UB-DR-RF-LD	avpg	bvoq				0			
	UB-DR-RF-BD	avps	bvor				0			
	UB-DR-RF-DL	avpx	bvot				0			
	UB-DR-RF-DB	avpw	bvou				0			
	UB-DR-FR-UL	avjd	bvpd				0			
	UB-DR-FR-UR	avjb	bvpd				0			
	UB-DR-FR-RU	avjm	bvpg	sakb taks ltb	S U R' U' S' U R' S R2 S' U'		11			
	UB-DR-FR-FL	avjl	bvpd	gbuj tlkj ah	L U' S2 R S' R2 S' R U L'		10			
	UB-DR-FR-LF	avjf	bvpj				0			
	UB-DR-FR-LB	avjh	bvpk				0			
	UB-DR-FR-BL	avjr	bvpl				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
	UB-DR-FR-BR	avjt	bvpm				0			
	UB-DR-FR-RB	avjn	bvpn				0			
	UB-DR-FR-LD	avjg	bvpq				0			
	UB-DR-FR-BD	avjs	bvpr				0			
	UB-DR-FR-DL	avjx	bvpt				0			
	UB-DR-FR-DB	avjw	bvpu				0			
	UB-DR-LD-DF	avgu	bvqd				0			
	UB-DR-LD-LU	avge	bvqe	bsai bltl ai	U' S U L2 U' R2 S' R2 U L2		10			
	UB-DR-LD-FU	avgi	bvqh				0		A	
	UB-DR-LD-LF	avgf	bvqj				0			
	UB-DR-LD-LB	avgh	bvqk				0			
	UB-DR-LD-RB	avgn	bvqn				0		O	
	UB-DR-LD-RF	avgp	bvqo				0			
	UB-DR-LD-BD	avgs	bvqr				0			
	UB-DR-LD-DB	avgw	bvqu				0			
	UB-DR-BD-UL	avsd	bvra				0		A	
	UB-DR-BD-UR	avsb	bvrc				0			
	UB-DR-BD-LU	avse	bvre				0			
	UB-DR-BD-RU	avsm	bvrg				0			
	UB-DR-BD-LB	avsh	bvrk				0		O	
	UB-DR-BD-BL	avsr	bvrl				0			
	UB-DR-BD-RB	avsn	bvrn	dmbg piqq b nec	D M U' L E L2 E' L U' M' D' U2		12			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	UB-DR-BD-RF	avsp	bvro				0			
	UB-DR-BD-FR	avsj	bvrp				0			
	UB-DR-BD-LD	avsg	bvrq				0			
	UB-DR-RD-RF	avop	bvso				0			
	UB-DR-RD-DL	avox	bvst				0			
	UB-DR-DL-UR	avxb	bvtc				0			A
	UB-DR-DL-DF	avxu	bvtd				0			
	UB-DR-DL-BU	avxq	bvtf				0			
	UB-DR-DL-FU	avxi	bvth				0			
	UB-DR-DL-FL	avxl	bvti				0			
	UB-DR-DL-LF	avxf	bvtj				0			
	UB-DR-DL-LB	avxh	bvtk				0			
	UB-DR-DL-BL	avxr	bvtl				0			
	UB-DR-DL-BR	avxt	bvtm	buaj aubk	U' S2 U R U S2 U' R'		8			
	UB-DR-DL-RF	avxp	bvto				0			
	UB-DR-DL-DB	avxw	bvtu				0			
	UB-DR-DB-UL	avwd	bvua				0			
	UB-DR-DB-LU	avwe	bvue				0			
	UB-DR-DB-BU	avwq	bvuf				0			
	UB-DR-DB-FL	avwl	bvui	jcmc ovov nxk	R U2 M U2 M2 F M2 F M' F2 R'		11			
	UB-DR-DB-LF	avwf	bvuj	tkvo vmxj ms	S' R' F M2 F M F2 R M S		10			
	UB-DR-DB-LB	avwh	bvuk				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
	UB-DR-DB-BL	avwr	bvul				0			
	UB-DR-DB-BR	avwt	bvum				0			
	UB-DR-DB-RF	avwp	bvuo				0			
	UB-DR-DB-FR	avwj	bvup				0			A
	UB-DR-DB-LD	avwg	bvuq	dnai bocn bieb	O M' U L2 U' M2 U2 M' U' L2 D' U'		12			A
	UB-DR-DB-DL	avwx	bvut	xlds nemt lx	F2 R2 D S M' D' M S' R2 F2		10			