

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
BU-UL-UB-RB	qdan		fabn				0			
BU-UL-UB-DR	qdav		fabv				0			
BU-UL-UR-DF	qdbu		facd				0		0	
BU-UL-UR-LU	qdbe		face				0		0	
BU-UL-UR-LF	qdbf		facj				0			
BU-UL-UR-LB	qdbh		fack				0		A	
BU-UL-UR-BR	qdbt		facm				0			
BU-UL-UR-FR	qdbj		facp				0			
BU-UL-UR-LD	qdbg		facq				0			
BU-UL-UR-DL	qdbx		fact				0		0	
BU-UL-UR-DB	qdbw		facu				0			
BU-UL-UR-DR	qdbv		facv				0			
BU-UL-DF-UR	qdub		fadc				0			
BU-UL-DF-LU	qdue		fade				0		A	
BU-UL-DF-FL	qdul		fadi				0		A	
BU-UL-DF-LF	qduf		fadj				0			
BU-UL-DF-LB	qduh		fadk				0			
BU-UL-DF-BL	qdur		fadl				0			
BU-UL-DF-BR	qdut		fadm				0			
BU-UL-DF-RB	qdun		fadn				0		A	
BU-UL-DF-RD	qduo		fads				0			
BU-UL-DF-DL	qdux		fadt				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		
	BU-UL-LU-BL	qder	fael				0			A
	BU-UL-RU-DF	qdmu	fagd				0			
	BU-UL-RU-LF	qdmf	fagj				0			
	BU-UL-RU-LB	qdmh	fagk				0			
	BU-UL-RU-BL	qdmr	fagl				0			P
	BU-UL-RU-BR	qdmt	fagm				0			
	BU-UL-RU-RF	qdmp	fago				0			
	BU-UL-RU-FR	qdmj	fagp				0			
	BU-UL-RU-BD	qdms	fagr				0			
	BU-UL-RU-RD	qdmo	fags				0			
	BU-UL-RU-DL	qdmx	fagt				0			P
	BU-UL-RU-DB	qdmw	fagu				0			
	BU-UL-RU-DR	qdmv	fagv				0			
	BU-UL-FU-UR	qdib	fahc				0			
	BU-UL-FU-LB	qdih	fahk				0			L
	BU-UL-FU-BL	qdir	fahl				0			
	BU-UL-FU-RB	qdin	fahn				0			
	BU-UL-FU-LD	qdig	fahq				0			
	BU-UL-FU-RD	qdio	fahs				0			
	BU-UL-FU-DL	qdix	faht				0			
	BU-UL-FU-DB	qdiw	fahu				0			
	BU-UL-FU-DR	qdiv	fahv				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-UL-FL-UB	qdla	faib				0			
	BU-UL-FL-UR	qdlb	faic				0			
	BU-UL-FL-LU	qdle	faie				0			P
	BU-UL-FL-RU	qdlm	faig				0			
	BU-UL-FL-BL	qdlr	fail				0			A
	BU-UL-FL-BR	qdlt	faim				0			
	BU-UL-FL-RB	qdln	fain				0			A
	BU-UL-FL-FR	qdlij	faip				0			
	BU-UL-FL-LD	qdlg	faiq				0			
	BU-UL-FL-BD	qdls	fair				0			A
	BU-UL-FL-RD	qdlo	fais				0			
	BU-UL-FL-DL	qdlix	fait				0			
	BU-UL-FL-DB	qdliw	faiu				0			
	BU-UL-FL-DR	qdliw	faiv				0			
	BU-UL-LF-UR	qdfb	fajc				0			
	BU-UL-LF-RU	qdfm	fajg				0			
	BU-UL-LF-FU	qdfi	fajh				0			
	BU-UL-LF-LB	qdfh	fajk				0			
	BU-UL-LF-BR	qdfi	fajm				0			
	BU-UL-LF-RB	qdfn	fajn	jbnv tbsa wmak	R' U' M' F S' U' S U F' M U R'		12			
	BU-UL-LF-FR	qdfj	fajp				0			
	BU-UL-LF-LD	qdfg	fajq	bnvc sbtb wma	U' M' F U2 S U' S' U' F' M U		11			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
BU-UL-LF-BD	qdfs		fajr					0		
BU-UL-LF-RD	qdfo		fajs					0		
BU-UL-LF-DL	qdfx		fajt					0		A
BU-UL-LF-DB	qdfw		faju					0		
BU-UL-LF-DR	qdfv		fajv					0		A
BU-UL-LB-UB	qdha		fakb					0		
BU-UL-LB-UR	qdhb		fakc					0		
BU-UL-LB-DF	qdhu		fakd					0		P
BU-UL-LB-LU	qdhe		fake					0		F
BU-UL-LB-RU	qdhm		fakg					0		
BU-UL-LB-FU	qdhi		fakh					0		
BU-UL-LB-FL	qdhl		faki					0		
BU-UL-LB-LF	qdhf		fakj					0		
BU-UL-LB-BR	qdht		fakm					0		
BU-UL-LB-RB	qdhn		fakn					0		
BU-UL-LB-RF	qdhp		fako					0		
BU-UL-LB-FR	qdhj		fakp					0		
BU-UL-LB-LD	qdhg		fakq					0		
BU-UL-LB-BD	qdhs		fakr					0		L
BU-UL-LB-DL	qdhx		fakt					0		A
BU-UL-LB-DB	qdhw		faku					0		P
BU-UL-LB-DR	qdhv		fakv					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		
	BU-UL-BL-UR	qdrb	falc				0			
	BU-UL-BL-DF	qdru	fald				0			
	BU-UL-BL-RU	qdrm	falg	gwbg viav kwj	L F' U' L F L2 U F R' F' R		11			
	BU-UL-BL-FU	qdri	falh				0		A	
	BU-UL-BL-FL	qdrl	fali				0		L	
	BU-UL-BL-LF	qdrf	falj				0			
	BU-UL-BL-BR	qdrt	falm				0			
	BU-UL-BL-RB	qdrn	falm				0		A	
	BU-UL-BL-RF	qdrp	falo				0		A	
	BU-UL-BL-FR	qdrj	falp				0		A	
	BU-UL-BL-BD	qdrs	falr				0			
	BU-UL-BL-RD	qdro	fals				0		O	
	BU-UL-BL-DL	qdrx	falt				0		O	
	BU-UL-BL-DB	qdrw	falu				0			
	BU-UL-BL-DR	qdrv	falv				0		F	
	BU-UL-BR-UR	qdtb	famc				0		A	
	BU-UL-BR-LU	qdte	fame				0		F	
	BU-UL-BR-RU	qdtm	famg				0			
	BU-UL-BR-FU	qdti	famh				0			
	BU-UL-BR-FL	qdtl	fami				0		P	
	BU-UL-BR-LF	qdtf	famj				0		F	
	BU-UL-BR-LB	qdth	famk				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-UL-BR-FR	qdtj	famp	kata scla tbsk	R' U S' U S U2 R2 U S' U' S R'		12		O	
	BU-UL-BR-LD	qdtg	famq				0			
	BU-UL-BR-BD	qdts	famr				0		P	
	BU-UL-BR-RD	qdto	fams				0			
	BU-UL-BR-DL	qdtx	famt				0			
	BU-UL-BR-DB	qdtw	famu				0			
	BU-UL-RB-UB	qdna	fanb				0		P	
	BU-UL-RB-UR	qdnb	fanc				0			
	BU-UL-RB-FU	qdni	fanh				0		O	
	BU-UL-RB-FL	qdnl	fani				0		O	
	BU-UL-RB-LF	qdnf	fanj				0			
	BU-UL-RB-LB	qdnh	fank				0			
	BU-UL-RB-BL	qdnr	fanl				0		O	
	BU-UL-RB-RF	qdnp	fano	kala tasc lbj	R' U R2 U S' U S U2 R2 U' R		11			
	BU-UL-RB-FR	qdnj	fapn				0			
	BU-UL-RB-LD	qdng	fanq				0			
	BU-UL-RB-BD	qdns	fanr				0			
	BU-UL-RB-RD	qdno	fans				0		A	
	BU-UL-RB-DL	qdnx	fant				0			
	BU-UL-RB-DB	qdnw	fanu				0			
	BU-UL-RB-DR	qdnv	fanv				0			
	BU-UL-RF-UR	qdpb	faoc	sbwt bsav at	S U' f' U' S U F U S'		10			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-UL-RF-DF	qdpu	faod	buek emdn jdua	U' S2 D' R' D' M D r D S2 U		12			
	BU-UL-RF-FL	qdpl	faoi				0			
	BU-UL-RF-LF	qdpf	faoj				0			
	BU-UL-RF-LB	qdph	faok	haxg thxs bg	L' U F2 L S' L' F2 S U' L		10			
	BU-UL-RF-BL	qdpr	faol				0			
	BU-UL-RF-BR	qdpt	faom				0			
	BU-UL-RF-RB	qdpn	faon				0			
	BU-UL-RF-LD	qdpg	faoq				0			
	BU-UL-RF-BD	qdps	faor				0			
	BU-UL-RF-RD	qdpo	faos				0		0	
	BU-UL-RF-DL	qdpx	faot				0			
	BU-UL-RF-DB	qdpw	faou				0			
	BU-UL-RF-DR	qdpv	faov				0			
	BU-UL-FR-UB	qdja	fapb				0			
	BU-UL-FR-UR	qdjb	fapc				0			
	BU-UL-FR-DF	qdju	fapd				0			
	BU-UL-FR-RU	qdjm	fapg				0			
	BU-UL-FR-FU	qdji	faph				0			
	BU-UL-FR-FL	qdjl	fapi				0			
	BU-UL-FR-LF	qdjf	fapj				0			
	BU-UL-FR-LB	qdjh	fapk				0			A
	BU-UL-FR-BL	qdjr	fapl				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		
	BU-UL-FR-BR	qdjt	fapm					0		
	BU-UL-FR-RB	qdjn	fapn	uask tjbu	S2 U S R' S' R U' S2			8		A
	BU-UL-FR-LD	qdjg	fapq					0		
	BU-UL-FR-BD	qdjs	fapr					0		P
	BU-UL-FR-BD	qdjs	fapr					0		
	BU-UL-FR-RD	qdjo	faps					0		A
	BU-UL-FR-DL	qdjx	fapt					0		
	BU-UL-FR-DB	qdjw	fapu					0		
	BU-UL-FR-DR	qdjv	fapv	sksj tkas buj	S R' S R S' R' U S U' S2 R			11		
	BU-UL-LD-UR	qdgb	faqc					0		
	BU-UL-LD-DF	qdgu	faqd					0		
	BU-UL-LD-RU	qdgm	faqg					0		
	BU-UL-LD-FU	qdgi	faqh					0		
	BU-UL-LD-FL	qdgl	faqi					0		
	BU-UL-LD-LF	qdgf	faqj					0		
	BU-UL-LD-LB	qdgh	faqk					0		
	BU-UL-LD-BL	qdgr	faql					0		
	BU-UL-LD-BR	qdgt	faqm					0		
	BU-UL-LD-RB	qdgn	faqn					0		L
	BU-UL-LD-RF	qdgp	faqo					0		
	BU-UL-LD-FR	qdgj	faqp					0		
	BU-UL-LD-BD	qdgs	faqr					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		L
	BU-UL-LD-RD	qdgo	faqs				0			
	BU-UL-LD-DB	qdgw	faqu				0			
	BU-UL-LD-DR	qdgv	faqv				0			
	BU-UL-BD-UR	qdsb	farc				0			
	BU-UL-BD-DF	qdsu	fard	amam bob	U M U M U' M2 U'		7		0	
	BU-UL-BD-LU	qdse	fare				0			
	BU-UL-BD-RU	qdsm	farg				0			
	BU-UL-BD-FL	qdsi	fari				0			
	BU-UL-BD-LF	qdsf	farj				0			
	BU-UL-BD-LB	qdsh	fark				0			
	BU-UL-BD-BL	qdsr	farl				0			
	BU-UL-BD-BR	qdst	farm				0			
	BU-UL-BD-RB	qdsn	farn				0			
	BU-UL-BD-RF	qdsp	faro				0			
	BU-UL-BD-FR	qdsj	farp				0			
	BU-UL-BD-LD	qdsg	farq				0			
	BU-UL-BD-RD	qdso	fars				0		L	
	BU-UL-BD-DL	qdsx	fart				0		A	
	BU-UL-BD-DR	qdsv	fdrv				0			
	BU-UL-RD-UR	qdob	fasc				0		O	
	BU-UL-RD-DF	qdou	fasd				0		F	
	BU-UL-RD-FU	qdoi	fash				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-UL-RD-FL	qdol	fasi				0			A
	BU-UL-RD-LF	qdof	fasj				0			
	BU-UL-RD-LB	qdoh	fask				0			O
	BU-UL-RD-BR	qdot	fasm				0			
	BU-UL-RD-RB	qdon	fasn	cjak sjtb kc	U2 R U R' S R S' U' R' U2		10			
	BU-UL-RD-FR	qdoj	fasp				0			
	BU-UL-RD-LD	qdog	fasq				0			
	BU-UL-RD-BD	qdos	fasr	ctmb nasc	U2 S' M U' M' U S U2		8			
	BU-UL-RD-DL	qdox	fast				0			
	BU-UL-DL-UR	qdxb	fatc				0			
	BU-UL-DL-DF	qdxu	fatd				0			
	BU-UL-DL-LU	qdxe	fate				0			
	BU-UL-DL-RU	qdxm	fatg				0			
	BU-UL-DL-FU	qdxi	fath				0			
	BU-UL-DL-FL	qdxl	fati				0			
	BU-UL-DL-LF	qdxf	fatj				0			
	BU-UL-DL-LB	qdxh	fatk				0			
	BU-UL-DL-BL	qdxr	fatl				0			
	BU-UL-DL-BR	qdxt	fatm				0			
	BU-UL-DL-RB	qdxn	fatn				0			
	BU-UL-DL-RF	qdxp	fato				0			
	BU-UL-DL-FR	qdxj	fatp				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		
	BU-UL-DL-BD	qdxs	fatr					0		
	BU-UL-DL-RD	qdxo	fats					0		
	BU-UL-DL-DB	qdxw	fatu					0		
	BU-UL-DB-UR	qdwb	fauc					0		
	BU-UL-DB-RU	qdwm	faug					0		
	BU-UL-DB-FU	qdwi	fauh					0		
	BU-UL-DB-FL	qdwl	faui					0		
	BU-UL-DB-LF	qdwf	fauj					0		
	BU-UL-DB-LB	qdwh	fauk					0		
	BU-UL-DB-BL	qdwr	faul					0		
	BU-UL-DB-BR	qdwt	faum					0		
	BU-UL-DB-RB	qdwn	faun					0		
	BU-UL-DB-RF	qdwp	fauo					0		
	BU-UL-DB-FR	qdwj	faup					0		
	BU-UL-DB-LD	qdwg	fauq					0		
	BU-UL-DB-RD	qdwo	faus					0	L	
	BU-UL-DB-DL	qdwx	faut					0		
	BU-UL-DB-DR	qdvv	fauv					0		
	BU-UL-DR-UR	qdvb	favc					0		
	BU-UL-DR-LU	qdve	fave					0		
	BU-UL-DR-RU	qdvm	favg					0		
	BU-UL-DR-FU	qdvi	favh					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		
	BU-UL-DR-FL	qdvl	favi					0		
	BU-UL-DR-LF	qdvf	favj					0		
	BU-UL-DR-LB	qdvh	favk					0		
	BU-UL-DR-BL	qdvr	favl					0		
	BU-UL-DR-LD	qdvg	favq					0		
	BU-UL-DR-BD	qdvs	favr					0		
	BU-UL-DR-DB	qdvw	favu					0		
	BU-UL-FD-DB	qdkw	faxu	bnan boa	U' M' U M' U' M2 U		7		A	
	BU-UB-DF-UR	qaub	fbdc					0		
	BU-UB-RU-UL	qamd	fbga					0	0	
	BU-UB-FL-UR	qalb	fbic					0	0	
	BU-UB-FL-RF	qalp	fbio					0		
	BU-UB-RB-DL	qanx	fbnt					0	0	
	BU-UB-FR-LB	qajh	fbpk					0		
	BU-UB-BD-RD	qaso	fbrs					0	0	
	BU-UB-DL-UR	qaxb	fbtc					0	A	
	BU-UR-UL-DF	qbdu	fcad					0	A	
	BU-UR-UL-FU	qbdi	fcah					0		
	BU-UR-UL-FL	qbdl	fcai					0		
	BU-UR-UL-LF	qbdf	fcaj					0		
	BU-UR-UL-LB	qbdh	fcak					0		L
	BU-UR-UL-BL	qbdr	fcal					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-UR-UL-BR	qbdt	fcam				0			
	BU-UR-UL-RB	qbdn	fcan				0			
	BU-UR-UL-RF	qbdp	fcao				0			
	BU-UR-UL-LD	qbdg	fcaq				0			
	BU-UR-UL-BD	qbds	fcar				0			
	BU-UR-UL-RD	qbdo	fcas				0			
	BU-UR-UL-DL	qbdx	fcat				0			
	BU-UR-UL-DR	qbdrv	fcav				0			
	BU-UR-UB-DL	qbax	fcbt				0			A
	BU-UR-UB-DB	qbaw	fcbu				0			
	BU-UR-DF-UL	qbud	fcda				0			
	BU-UR-DF-LU	qbue	fcde				0			
	BU-UR-DF-RU	qbum	fcdg				0			
	BU-UR-DF-FL	qbui	fcdi				0			
	BU-UR-DF-LB	qbuh	fcdk				0			
	BU-UR-DF-BL	qbur	fcdl				0			
	BU-UR-DF-BR	qbut	fcdm				0			
	BU-UR-DF-RB	qbun	fcdn				0			
	BU-UR-DF-RF	qbup	fcdo				0			
	BU-UR-DF-FR	qbuj	fcdp				0			
	BU-UR-DF-LD	qbug	fcdq				0			
	BU-UR-DF-RD	qbuo	fcds	lanb tasm bl	R2 U M' U' S' U S M U' R2		10			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-UR-DF-DL	qbux	fcdt	memt dmbm at	M D' M S' D M U' M U' S'		10		A	
	BU-UR-DF-DR	qbuv	fcdv	jvmw nwqw ppxk	R F M F' M' F' E' F' E F2 R'		11			
	BU-UR-LU-DF	qbeu	fced				0		A	
	BU-UR-LU-LF	qbef	fcej				0		O	
	BU-UR-LU-LB	qbeh	fcek				0			
	BU-UR-LU-BL	qber	fcel				0			
	BU-UR-LU-RB	qben	fcen				0			
	BU-UR-LU-RF	qbep	fceo				0			
	BU-UR-LU-BD	qbes	fcer				0			
	BU-UR-LU-DL	qbex	fcet				0		A	
	BU-UR-LU-DB	qbew	fceu				0			
	BU-UR-RU-RB	qbmn	fcgn				0		A	
	BU-UR-FU-FL	qbil	fchi				0			
	BU-UR-FU-LF	qbif	fchj				0			
	BU-UR-FU-RB	qbin	fchn				0			
	BU-UR-FU-RF	qbip	fcho				0			
	BU-UR-FU-FR	qbij	fchp				0			
	BU-UR-FU-DB	qbiw	fchu				0		A	
	BU-UR-FU-DR	qbiv	fchv				0			
	BU-UR-FL-UL	qbld	fcia				0			
	BU-UR-FL-DF	qblu	fcid				0		O	
	BU-UR-FL-LU	qble	fcie				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		
	BU-UR-FL-FU	qbli	fcih					0		
	BU-UR-FL-LB	qblh	fcik					0		
	BU-UR-FL-BL	qblr	fcil					0		
	BU-UR-FL-BR	qblt	fcim					0		
	BU-UR-FL-RB	qbln	fcin					0		A
	BU-UR-FL-RF	qblp	fcio					0		
	BU-UR-FL-FR	qblj	fcip					0		
	BU-UR-FL-LD	qblg	fciq					0		
	BU-UR-FL-BD	qbls	fcir					0		
	BU-UR-FL-RD	qblo	fcis					0		
	BU-UR-FL-DL	qblx	fcit					0		F
	BU-UR-FL-DB	qblw	fciu					0		
	BU-UR-FL-DR	qbhv	fciv					0		
	BU-UR-LF-UL	qbfd	fcja					0		
	BU-UR-LF-DF	qbfu	fcjd					0		
	BU-UR-LF-LU	qbfe	fcje					0		
	BU-UR-LF-LB	qbfh	fcjk					0		
	BU-UR-LF-BL	qbfr	fcjl					0		
	BU-UR-LF-BR	qbft	fcjm					0		
	BU-UR-LF-RB	qbfn	fcjn	jbxk sjxt ak	R U' F2 R' S R F2 S' U R'			10		
	BU-UR-LF-FR	qbfp	fcjp					0		
	BU-UR-LF-LD	qbfg	fcjq					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
	BU-UR-LF-BD	qbfs	fcjr					0		
	BU-UR-LF-DL	qbfx	fcjt					0		
	BU-UR-LF-DB	qbfw	fcju					0		
	BU-UR-LB-FL	qbhl	fcki					0		
	BU-UR-LB-LF	qbhf	fckj					0		
	BU-UR-LB-RF	qbhp	fcko					0		
	BU-UR-LB-FR	qbhj	fckp					0		O
	BU-UR-LB-LD	qbhg	fckq					0		
	BU-UR-LB-RD	qbho	fcks					0		
	BU-UR-LB-DL	qbhx	fckt					0		O
	BU-UR-LB-DR	qbhv	fckv					0		A
	BU-UR-BL-UL	qbrd	fcla					0		
	BU-UR-BL-DF	qbru	fcll					0		
	BU-UR-BL-LU	qbre	fcle					0		
	BU-UR-BL-FU	qbri	fcli					0		
	BU-UR-BL-LF	qbrf	fclj					0		
	BU-UR-BL-BR	qbrt	fclm					0		A
	BU-UR-BL-RB	qbrn	fcln					0		
	BU-UR-BL-RF	qbrp	fclo					0		
	BU-UR-BL-LD	qbrg	fclq	ansp vdme wqmb	U M' S E F D M D' F' E' M U'		12			A
	BU-UR-BL-RD	qbrog	fcls				0			A
	BU-UR-BL-DL	qbrx	fclt	ltgb tbsc hsl	R2 S' L U' S' U' S U2 L' S R2		11			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		
	BU-UR-BL-DR	qbrv	fclv					0		
	BU-UR-BR-UL	qbtd	fcma					0		
	BU-UR-BR-DF	qbtu	fcmd					0		0
	BU-UR-BR-LU	qbte	fcme					0		A
	BU-UR-BR-FU	qbti	fcmh					0		
	BU-UR-BR-FL	qbtl	fcmi					0		
	BU-UR-BR-LF	qbtf	fcmj					0		
	BU-UR-BR-LB	qbth	fcmk					0		
	BU-UR-BR-BL	qbtr	fcml					0		
	BU-UR-BR-RF	qbtp	fcmo					0		
	BU-UR-BR-FR	qbtp	fcmp	jckt jbsb ltjs	R U2 R' S' R U' S U' R2 S' R S		12			0
	BU-UR-BR-RD	qbto	fcms	etjn ambj sd	D' S' R' M' U M U' R S D		10			
	BU-UR-BR-DL	qbtw	fcmt					0		
	BU-UR-BR-DB	qbtw	fcmu					0		
	BU-UR-BR-DR	qbtv	fcmv					0		
	BU-UR-RB-UL	qbnd	fcna					0		
	BU-UR-RB-DF	qbnu	fcnd					0		A
	BU-UR-RB-LU	qbne	fcne					0		
	BU-UR-RB-FL	qbnl	fcni					0		
	BU-UR-RB-LF	qbmf	fcnj					0		
	BU-UR-RB-LB	qbnh	fcnk					0		
	BU-UR-RB-BL	qbnr	fcnl					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		
BU-UR-RB-FR	qbnj		fcnp					0		
BU-UR-RB-LD	qbng		fcnq					0		
BU-UR-RB-RD	qbno		fcns					0		
BU-UR-RB-DR	qbnv		fcnv					0		
BU-UR-RF-DF	qbpu		fcod					0		
BU-UR-RF-LU	qbpe		fcoe					0		
BU-UR-RF-FU	qbpi		fcoh					0		A
BU-UR-RF-FL	qbpl		fcoi					0		
BU-UR-RF-LB	qbph		fcok					0		
BU-UR-RF-BR	qbpt		fcom					0		
BU-UR-RF-RB	qbpn		fcon					0		
BU-UR-RF-LD	qbpg		fcoq					0		
BU-UR-RF-BD	qbps		fcor					0		
BU-UR-RF-RD	qbpo		fcos					0		
BU-UR-RF-DL	qbpx		fcot					0		
BU-UR-FR-FU	qbji		fcph					0		P
BU-UR-FR-FL	qbjl		fcpi					0		
BU-UR-FR-LF	qbjf		fcpj					0		
BU-UR-FR-LB	qbjh		fcpk					0		
BU-UR-FR-BL	qbjr		fcpl					0		A
BU-UR-FR-BR	qbjt		fcpm					0		A
BU-UR-FR-RB	qbjn		fcpn					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		
BU-UR-FR-LD	qbjg	fcpq					0			
BU-UR-FR-RD	qbjo	fcps					0			
BU-UR-FR-DL	qbjx	fcpt					0			
BU-UR-FR-DB	qbjw	fcpu					0			
BU-UR-LD-UL	qbgd	fcqa					0		A	
BU-UR-LD-UB	qbga	fcqb					0			
BU-UR-LD-DF	qbgu	fcqd					0		F	
BU-UR-LD-LU	qbge	fcqe					0		A	
BU-UR-LD-FU	qbgi	fcqh					0		P	
BU-UR-LD-FL	qbgl	fcqi					0			
BU-UR-LD-LF	qbgf	fcqj					0			
BU-UR-LD-LB	qbgh	fcqk					0			
BU-UR-LD-BL	qbgr	fcql					0			
BU-UR-LD-BR	qbgt	fcqm					0			
BU-UR-LD-RB	qbgn	fcqn					0			
BU-UR-LD-RF	qbgp	fcqo					0			
BU-UR-LD-FR	qb gj	fcqp					0			
BU-UR-LD-BD	qbgs	fcqr					0			
BU-UR-LD-RD	qbgo	fcqs					0			
BU-UR-LD-DB	qbgw	fcqu					0			
BU-UR-LD-DR	qbgv	fcqv					0			
BU-UR-BD-UL	qbds	fcra					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		
	BU-UR-BD-UB	qbsa	fcrb					0		
	BU-UR-BD-DF	qbsu	fcrd	bmbm aoa	U' M U' M U M2 U			7		A
	BU-UR-BD-LU	qbse	fcre					0		A
	BU-UR-BD-FU	qbsi	fcrh					0		
	BU-UR-BD-FL	qbsl	fcri					0		
	BU-UR-BD-LF	qbsf	fcrj					0		
	BU-UR-BD-LB	qbsh	fcrk					0		A
	BU-UR-BD-BL	qbsr	fcrl					0		
	BU-UR-BD-BR	qbst	fcrm					0		
	BU-UR-BD-RB	qbsn	fcrn					0		
	BU-UR-BD-FR	qbsj	fcrp					0		
	BU-UR-BD-LD	qbsg	fcrq					0		
	BU-UR-BD-RD	qbso	fcrs					0		
	BU-UR-BD-DR	qbsv	fcrv					0		
	BU-UR-RD-UL	qbod	fcsa					0		
	BU-UR-RD-DF	qbou	fcsd	kejt btau kdj	R' D' R S' U' S' U S2 R' D R			11		
	BU-UR-RD-LU	qboe	fcse					0		
	BU-UR-RD-FU	qboi	fcsh					0		P
	BU-UR-RD-BR	qbot	fcsm					0		
	BU-UR-RD-RB	qbon	fcsn					0		A
	BU-UR-RD-RF	qbop	fcso					0		
	BU-UR-RD-LD	qbog	fcsq					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		
	BU-UR-RD-BD	qbos	fcsr					0		
	BU-UR-RD-DL	qbox	fcst					0		
	BU-UR-RD-DB	qbaw	fcsu					0		
	BU-UR-RD-FD	qbok	fcsx	tnam bs	S' M' U M U' S		6		A	
	BU-UR-DL-UL	qbxd	fcta					0		
	BU-UR-DL-UB	qbxa	fctb					0		
	BU-UR-DL-DF	qbxu	fctd					0		
	BU-UR-DL-LU	qbxe	fcte					0		
	BU-UR-DL-FU	qbxi	fcth					0		
	BU-UR-DL-LB	qbxh	fctk					0		
	BU-UR-DL-BR	qbxt	fctm					0		
	BU-UR-DL-RB	qbxn	fctn					0		
	BU-UR-DL-RF	qbxp	fcto					0		
	BU-UR-DL-FR	qbxj	fctp					0		
	BU-UR-DL-BD	qbxs	fctr					0		
	BU-UR-DL-DR	qbvx	fctv					0		
	BU-UR-DB-DF	qbwu	fcud					0		
	BU-UR-DB-LU	qbwe	fcue					0		
	BU-UR-DB-RU	qbwm	fcug					0		
	BU-UR-DB-FL	qbwl	fcui					0		
	BU-UR-DB-LF	qbwf	fcuj					0		
	BU-UR-DB-LB	qbwh	fcuk					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-UR-DB-BL	qbwr	fcul				0			
	BU-UR-DB-BR	qbwt	fcum				0			
	BU-UR-DB-RB	qbwn	fcun				0			
	BU-UR-DB-RF	qbwp	fcuo				0			
	BU-UR-DB-FR	qbwj	fcup				0			
	BU-UR-DB-LD	qbwg	fcuq				0			
	BU-UR-DB-RD	qbwo	fcus				0			
	BU-UR-DB-DL	qbwx	fcut				0			
	BU-UR-DB-DR	qbwv	fcuv				0			
	BU-UR-DR-UL	qbvd	fcva				0			
	BU-UR-DR-DF	qbvu	fcvd				0			
	BU-UR-DR-LU	qbve	fcve				0			
	BU-UR-DR-FU	qbvi	fcvh				0			
	BU-UR-DR-FL	qbvl	fcvi				0			
	BU-UR-DR-LF	qbvf	fcvj				0			
	BU-UR-DR-LB	qbvh	fcvk				0			
	BU-UR-DR-BL	qbvr	fcvl				0			
	BU-UR-DR-FR	qbvj	fcvp				0			
	BU-UR-DR-LD	qbvg	fcvq				0			
	BU-UR-DR-RD	qbvo	fcvs				0			A
	BU-UR-DR-DB	qbvw	fcvu				0			
	BU-UR-FD-LU	qbke	fcxe	namb sgbh tgah	M' U M U' S L U' L' S' L U L'		12			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-UR-FD-BL	qbkr	fcxl	dhtb tau ge	D L' S' U' S' U S2 L D'		9		0	
	BU-UR-FD-LD	qbkg	fcxq	ansa tbmb	U M' S U S' U' M U'		8			
	BU-UR-FD-DB	qbkw	fcxu	anbn aob	U M' U' M' U M2 U'		7		P	
	BU-DF-UL-UB	quda	fdab				0			
	BU-DF-UL-RU	qudm	fdag				0			
	BU-DF-UL-FL	qudl	fdai				0			
	BU-DF-UL-RF	qudp	fdao	jxcn bmb xk	R F2 U2 M' U' M U' F2 R'		9			
	BU-DF-UL-FR	qudj	fdap				0		0	
	BU-DF-UL-LD	qudg	fdaq	sana mct	S U M' U M U2 S'		7			
	BU-DF-UL-RD	qudo	fdas				0			
	BU-DF-UL-DL	qudx	fdat				0			
	BU-DF-UL-DR	qudv	fdav				0			
	BU-DF-UB-LB	quah	fdbk				0		A	
	BU-DF-UB-LD	quag	fdbq				0			
	BU-DF-UB-BD	quas	fdbr				0			
	BU-DF-UB-DR	quav	fdbv				0			
	BU-DF-UR-UL	qubd	fdca	jqja namc kpk	R E' R U M' U M U2 R' E R'		11			
	BU-DF-UR-LU	qube	fdce				0		0	
	BU-DF-UR-FL	qUBL	fdci				0			
	BU-DF-UR-LF	qubf	fdcj				0		0	
	BU-DF-UR-LB	qubh	fdck	kpvq qmwn wj	R' F E F E' M F' M' F' R		10		0	
	BU-DF-UR-BL	qubr	fdcl				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		
	BU-DF-UR-BR	qubt	fdcm					0		
	BU-DF-UR-RB	qubn	fdcn					0		0
	BU-DF-UR-LD	qubg	fdcq					0		
	BU-DF-UR-RD	qubo	fdcs					0		
	BU-DF-UR-DL	qubx	fdct					0		C
	BU-DF-UR-DR	qubv	fdcv					0		C
	BU-DF-LU-UR	queb	fdec	bnb mc	U' M' U' M U2			5		
	BU-DF-LU-RU	quem	fdeg					0		
	BU-DF-LU-FL	quel	fdei					0		
	BU-DF-LU-BL	quer	fdel					0		
	BU-DF-LU-BR	quet	fdem					0		
	BU-DF-LU-RB	quen	fden					0		
	BU-DF-LU-FR	quej	fdep	jbnb mck	R U' M' U' M U2 R'			7		
	BU-DF-LU-BD	ques	fder					0		
	BU-DF-LU-DL	quex	fdet					0		A
	BU-DF-LU-DB	quew	fdeu	bnan amc ma	U' M' U M' U M U2 M U			9		
	BU-DF-RU-UL	qumd	fdga	ana mc	U M' U M U2			5		
	BU-DF-RU-FL	quml	fdgi	hana mcg	L' U M' U M U2 L			7		
	BU-DF-RU-LF	qumf	fdgj					0		
	BU-DF-RU-BR	qumt	fdgm	ckbn amjc	U2 R' U' M' U M R U2			8		
	BU-DF-RU-RB	qumn	fdgn					0		0
	BU-DF-RU-RF	qump	fdgo					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-DF-RU-FR	qumj	fdgp				0			O
	BU-DF-RU-LD	qumg	fdgq	dtnb mase	D S' M' U' M U S D'		8			P
	BU-DF-RU-BD	qums	fdgr				0			
	BU-DF-RU-DL	qumx	fdgt				0			A
	BU-DF-RU-DR	qumv	fdgv	clbn amlc	U2 R2 U' M' U M R2 U2		8			
	BU-DF-FU-UR	quib	fdhc				0			
	BU-DF-FU-FL	quil	fdhi				0			
	BU-DF-FU-BL	quir	fdhl				0			O
	BU-DF-FU-RF	quip	fdho				0			
	BU-DF-FU-DL	quix	fdht				0			C
	BU-DF-FL-LU	qule	fdie				0			
	BU-DF-FL-RU	qulm	fdig				0			
	BU-DF-FL-BL	qulr	fdil				0			
	BU-DF-FL-RF	quip	fdio				0			
	BU-DF-FL-FR	qulj	fdip				0			
	BU-DF-FL-LD	qulg	fdiq				0			
	BU-DF-FL-DL	qulx	fdit				0			
	BU-DF-FL-DB	qulw	fdiu				0			
	BU-DF-FL-DR	qulv	fdiv				0			A
	BU-DF-LF-UL	qufd	fdja				0			
	BU-DF-LF-UR	qufb	fdjc				0			
	BU-DF-LF-RU	qufm	fdjg				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		
	BU-DF-LF-BL	qufr	fdjl					0		
	BU-DF-LF-BR	quft	fdjm					0		
	BU-DF-LF-RB	qufn	fdjn					0		
	BU-DF-LF-FR	qufj	fdjp	cmwn vc	U2 M F' M' F U2		6		A	
	BU-DF-LF-LD	qufg	fdjq					0		
	BU-DF-LF-BD	qufs	fdjr					0		O
	BU-DF-LF-RD	qufo	fdjs					0		
	BU-DF-LF-DL	qufx	fdjt					0		O
	BU-DF-LF-DB	qufw	fdju					0		O
	BU-DF-LF-FD	qufk	fdjx					0		
	BU-DF-LB-UL	quhd	fdka					0		
	BU-DF-LB-UR	quhb	fdkc					0		
	BU-DF-LB-LU	quhe	fdke					0		P
	BU-DF-LB-RU	quhm	fdkg					0		O
	BU-DF-LB-BR	quht	fdkm	rcmv nwrc	u2 M F M' F' u2		8			
	BU-DF-LB-RB	quhn	fdkn					0		
	BU-DF-LB-RF	quhp	fdko					0		
	BU-DF-LB-FR	quhj	fdkp					0		P
	BU-DF-LB-LD	quhg	fdkq					0		
	BU-DF-LB-DL	quhx	fdkt					0		O
	BU-DF-LB-DR	quhv	fdkv					0		
	BU-DF-BL-UL	qurd	fdla					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
	BU-DF-BL-UR	qurb	fdlc				0			0
	BU-DF-BL-LU	qure	fdle				0			0
	BU-DF-BL-FL	qurl	fdli				0			A
	BU-DF-BL-LF	qurf	fdlj				0			
	BU-DF-BL-RB	qurn	fdln				0			
	BU-DF-BL-DL	qurx	fdlt				0			
	BU-DF-BL-DB	qurw	fdlu				0			
	BU-DF-BR-UL	qutd	fdma				0			0
	BU-DF-BR-UB	quta	fdmb				0			
	BU-DF-BR-UR	qutb	fdmc				0			A
	BU-DF-BR-RU	qutm	fdmg				0			
	BU-DF-BR-FL	qutl	fdmi				0			
	BU-DF-BR-LF	qutf	fdmj				0			
	BU-DF-BR-LB	quth	fdmk				0			
	BU-DF-BR-BL	qutr	fdml				0			0
	BU-DF-BR-BD	quts	fdmr				0			
	BU-DF-BR-RD	quto	fdms				0			0
	BU-DF-BR-DB	qutw	fdmu				0			
	BU-DF-BR-DR	qutv	fdmv				0			
	BU-DF-RB-UL	qund	fdna				0			
	BU-DF-RB-UR	qunb	fdnc				0			
	BU-DF-RB-LU	qune	fdne				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3-Styl	P A
	BU-DF-RB-RU	qunm	fdng	tkdt aseb js	S' R' D S' U S D' U' R S		10			
	BU-DF-RB-FL	qunl	fdni				0			
	BU-DF-RB-LF	qunf	fdnj				0			
	BU-DF-RB-BL	qunr	fdnl	rcmw nvrc	u2 M F' M' F u2		8			
	BU-DF-RB-RF	qunp	fdno				0			
	BU-DF-RB-FR	qunj	fdnp				0			
	BU-DF-RB-BD	quns	fdnr				0			
	BU-DF-RB-RD	quno	fdns	vbps ktqj aw	F u' S R' S' E' R U F'		10			P
	BU-DF-RB-DB	qunw	fdnu				0			
	BU-DF-RB-DR	qunv	fdnv				0			
	BU-DF-RF-UL	qupd	fdoa				0			
	BU-DF-RF-UR	qupb	fdoc				0			
	BU-DF-RF-LU	qupe	fdoe				0			
	BU-DF-RF-RU	qupm	fdog				0			
	BU-DF-RF-FL	qupl	fdoi	cmvn wc	U2 M F M' F' U2		6			
	BU-DF-RF-LF	qupf	fdoj				0			
	BU-DF-RF-LB	quph	fdok				0			O
	BU-DF-RF-BL	qupr	fdol				0			
	BU-DF-RF-BR	qupt	fdom				0			
	BU-DF-RF-RB	qupn	fdon				0			
	BU-DF-RF-LD	qupg	fdoq				0			
	BU-DF-RF-BD	qups	fdor				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		
	BU-DF-RF-DL	qupx	fdot					0		
	BU-DF-FR-UL	qujd	fdpa	pkdt aseb jq	E R' D S' U S D' U' R E'		10			A
	BU-DF-FR-UB	qua	fdpb				0			
	BU-DF-FR-LU	quje	fdpe				0			
	BU-DF-FR-FL	qujl	fdpi				0			
	BU-DF-FR-LF	qujf	fdpj				0			
	BU-DF-FR-LB	qujh	fdpk				0			
	BU-DF-FR-BR	qujt	fdpm				0			
	BU-DF-FR-RB	qujn	fdpn				0			
	BU-DF-FR-LD	qujg	fdpq				0			
	BU-DF-FR-BD	qujs	fdpr				0			
	BU-DF-FR-RD	qujo	fdps				0			
	BU-DF-FR-DB	qujw	fdpu				0			
	BU-DF-LD-UL	qugd	fdqa				0			
	BU-DF-LD-LU	quge	fdqe				0			
	BU-DF-LD-RU	qugm	fdqg				0			
	BU-DF-LD-FL	qugl	fdqi				0			
	BU-DF-LD-BR	qugt	fdqm				0			
	BU-DF-LD-RD	qugo	fdqs				0			
	BU-DF-BD-UL	qusd	fdra				0			
	BU-DF-BD-UB	qusa	fdrb				0			
	BU-DF-BD-UR	qusb	fdrc				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		
	BU-DF-BD-LU	quse	fdre					0		
	BU-DF-BD-RU	qusm	fdrg					0		
	BU-DF-BD-FL	qusl	fdri					0		
	BU-DF-BD-LF	qusf	fdrj					0		
	BU-DF-BD-LB	quush	fdrk					0	0	
	BU-DF-BD-BL	qusr	fdrl					0		
	BU-DF-BD-BR	quust	fdrm					0	0	
	BU-DF-BD-RB	qusn	fdrn					0		
	BU-DF-BD-FR	qusj	fdrp					0		
	BU-DF-BD-RD	quso	fdrs					0	0	
	BU-DF-BD-DL	qusx	fdrt					0		
	BU-DF-RD-UL	quod	fdsa					0		
	BU-DF-RD-UB	qua	fdsb					0		
	BU-DF-RD-UR	quob	fdsc	namb ntas bm	M' U M U' M' S' U S U' M			10		
	BU-DF-RD-FL	quol	fdsi					0		
	BU-DF-RD-LF	quof	fdsj					0		
	BU-DF-RD-LB	quoh	fdsk					0		
	BU-DF-RD-BR	quot	fdsm					0		
	BU-DF-RD-RB	quon	fdsn					0		
	BU-DF-RD-FR	quoj	fdsp					0		
	BU-DF-RD-LD	quog	fdsq					0		
	BU-DF-RD-BD	quos	fdsr					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		
BU-DF-RD-DL	quox		aaaa					0		
BU-DF-RD-DB	quow		aaaa					0		
BU-DF-DL-UL	quxd		aaaa					0		
BU-DF-DL-LB	quxh		aaaa					0	0	
BU-DF-DL-RB	quxn		aaaa					0		
BU-DF-DL-RF	quxp		aaaa					0	0	
BU-DF-DL-BD	quxs		aaaa					0		
BU-DF-DL-RD	quxo		aaaa					0		
BU-DF-DL-DB	quxw		aaaa					0		
BU-DF-DL-DR	quxv		aaaa					0		
BU-DF-DB-UL	quwd		aaaa					0		A
BU-DF-DB-UR	quwb		aaaa					0		
BU-DF-DB-LU	quwe		aaaa					0		
BU-DF-DB-RU	quwm		aaaa					0		
BU-DF-DB-FL	quwl		aaaa					0		
BU-DF-DB-LF	quwf		aaaa					0		
BU-DF-DB-BR	quwt		aaaa					0		
BU-DF-DB-RB	quwn		aaaa					0		A
BU-DF-DB-RF	quwp		aaaa					0		
BU-DF-DB-FR	quwj		aaaa					0		A
BU-DF-DB-LD	quwg		aaaa					0		
BU-DF-DB-LD	quwg		aaaa					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		
BU-DF-DB-RD	quwo		fdus				0			
BU-DF-DB-DL	quwx		fdut				0			
BU-DF-DB-DR	quwv		fduv				0			
BU-DF-DR-UL	quvd		fdva				0			
BU-DF-DR-UR	quvb		fdvc				0			
BU-DF-DR-RU	quvm		fdvg				0		0	
BU-DF-DR-FU	quvi		fdvh				0			
BU-DF-DR-LF	quvf		fdvj				0			
BU-LU-UL-BD	qedz		fear				0		F	
BU-LU-UL-DL	qedx		feat				0		A	
BU-LU-UB-DF	qeau		febd				0			
BU-LU-UB-RF	qeap		febo				0			
BU-LU-UB-BD	qeas		febr				0			
BU-LU-UR-DF	qebu		fecd				0			
BU-LU-UR-FU	qebi		fech				0			
BU-LU-UR-LF	qebi		fecf				0			
BU-LU-UR-LF	qebf		fecj				0			
BU-LU-UR-BL	qebr		fecl				0		0	
BU-LU-UR-BR	qebt		fecm				0		0	
BU-LU-UR-RB	qebn		fecn				0			
BU-LU-UR-RF	qebp		feco				0			
BU-LU-UR-FR	qebj		fecp				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		
	BU-LU-UR-LD	qebg	fecq					0		
	BU-LU-UR-BD	qebs	fecr	cma na	U2 M U M' U			5		
	BU-LU-UR-RD	qebo	fecs					0		0
	BU-LU-UR-DL	qebx	fect					0		L
	BU-LU-UR-DB	qebw	fecu					0		
	BU-LU-UR-FD	qebk	fecx	namb	M' U M U'			4		F
	BU-LU-DF-UR	qeub	fedc					0		
	BU-LU-DF-FL	qeul	fedi					0		
	BU-LU-DF-LF	qeuf	fedj					0		
	BU-LU-DF-BL	qeur	fedl					0		F
	BU-LU-DF-RB	qeun	fedn					0		F
	BU-LU-DF-RF	qeup	fedo					0		
	BU-LU-DF-LD	qeug	fedq					0		
	BU-LU-DF-BD	qeus	fedr					0		O
	BU-LU-DF-RD	qeuo	feds					0		P
	BU-LU-DF-DL	qeux	fedt					0		
	BU-LU-DF-DB	qeuw	fedu					0		F
	BU-LU-DF-DR	qeuv	fedv					0		
	BU-LU-DF-FD	qeuk	fedx					0		O
	BU-LU-RU-DF	qemu	fegd					0		
	BU-LU-RU-FL	qeml	fegi					0		
	BU-LU-RU-LF	qemf	fegj					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		
	BU-LU-RU-LB	qemh	fegk					0		
	BU-LU-RU-BL	qemr	fegl					0		P
	BU-LU-RU-BR	qemt	fegm					0		
	BU-LU-RU-RF	qemp	fego					0		
	BU-LU-RU-FR	qemj	fegp					0		
	BU-LU-RU-LD	qemg	fegq					0		F
	BU-LU-RU-RD	qemo	fegs					0		
	BU-LU-RU-DL	qemx	fegt					0		
	BU-LU-RU-DB	qemw	fegu					0		
	BU-LU-FU-UR	qeib	fehc					0		
	BU-LU-FU-LB	qeih	fehk					0		A
	BU-LU-FU-BL	qeir	fehl					0		
	BU-LU-FU-BR	qeit	fehm					0		A
	BU-LU-FU-FR	qeij	fehp					0		
	BU-LU-FU-RD	qeio	fehs					0		
	BU-LU-FU-DL	qeix	feht					0		
	BU-LU-FU-DB	qeiw	fehu					0		
	BU-LU-FU-DR	qeiv	fehv					0		
	BU-LU-FL-UB	qela	feib					0		
	BU-LU-FL-UR	qelb	feic					0		
	BU-LU-FL-DF	qelu	feid					0		
	BU-LU-FL-BR	qelt	feim					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		
BU-LU-FL-RB	qeln		fein					0		
BU-LU-FL-RF	qelp		feio					0		
BU-LU-FL-LD	qelg		feiq					0		
BU-LU-FL-BD	qels		feir					0		
BU-LU-FL-RD	qelo		feis					0		0
BU-LU-FL-DL	qelx		feit					0		
BU-LU-FL-DB	qelw		feiu					0		
BU-LU-LF-UB	qefa		fejb					0		
BU-LU-LF-UR	qefb		fejc					0		
BU-LU-LF-DF	qefu		fejd					0		
BU-LU-LF-BL	qefr		fejl					0		
BU-LU-LF-RB	qefn		fejn					0		
BU-LU-LF-RF	qefp		fejo					0		
BU-LU-LF-FR	qefj		fejp					0		A
BU-LU-LF-LD	qefg		fejq					0		
BU-LU-LF-RD	qefo		fejs					0		
BU-LU-LF-DB	qefw		feju					0		
BU-LU-LB-UL	qehd		feka					0		A
BU-LU-LB-UB	qeha		fekb					0		
BU-LU-LB-UR	qehb		fekc					0		
BU-LU-LB-RU	qehm		fekg					0		
BU-LU-LB-FU	qehi		fekh					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		
	BU-LU-LB-FL	qehl	feki					0		
	BU-LU-LB-RB	qehn	fekn					0		
	BU-LU-LB-RF	qehp	feko					0		A
	BU-LU-LB-BD	qehs	fekr					0		
	BU-LU-LB-DL	qehx	fekt					0		A
	BU-LU-LB-DB	qehw	feku					0		A
	BU-LU-BL-UB	qera	felb					0		
	BU-LU-BL-UR	qerb	felc					0		
	BU-LU-BL-RU	qerm	felg					0		
	BU-LU-BL-FU	qeri	felh					0		
	BU-LU-BL-FL	qerl	feli					0		A
	BU-LU-BL-LF	qerf	felj					0		
	BU-LU-BL-BR	qert	felm					0		A
	BU-LU-BL-RB	qern	feln					0		P
	BU-LU-BL-FR	qerj	felp					0		
	BU-LU-BL-BD	qers	fejr					0		F
	BU-LU-BL-RD	qero	fels	cdat asc hc	U2 L U S' U S U2 L' U2			9		F
	BU-LU-BL-DL	qerx	felt					0		F
	BU-LU-BL-DB	qerw	felu					0		
	BU-LU-BL-DR	qerv	felv					0		
	BU-LU-BR-UR	qetb	femc					0		F
	BU-LU-BR-DF	qetu	femd					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		
	BU-LU-BR-RU	qetm	femg					0		
	BU-LU-BR-FL	qetl	femi					0		
	BU-LU-BR-LF	qetf	femj					0		
	BU-LU-BR-LB	qeth	femk					0		
	BU-LU-BR-BL	qetr	feml					0	0	
	BU-LU-BR-RF	qetp	femo					0		
	BU-LU-BR-FR	qetj	femp					0		
	BU-LU-BR-BD	qets	femr					0	0	
	BU-LU-BR-RD	qeto	fems					0		
	BU-LU-BR-DB	qetw	femu					0		
	BU-LU-BR-DR	qetv	femv					0		
	BU-LU-RB-UB	qena	fenb					0		
	BU-LU-RB-UR	qenb	fenc					0		
	BU-LU-RB-DF	qenu	fend					0		
	BU-LU-RB-RU	qenm	feng					0	0	
	BU-LU-RB-FL	qenl	feni					0		
	BU-LU-RB-LB	qenh	fenk					0		
	BU-LU-RB-BL	qenr	fenl					0		
	BU-LU-RB-RF	qenp	feno					0		
	BU-LU-RB-FR	qenj	fotp					0		
	BU-LU-RB-LD	qeng	fenq	cjas atc kp	E' R U S U' U2 R' E			9		
	BU-LU-RB-BD	qens	fenr					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		
BU-LU-RB-RD	qeno		fens				0			
BU-LU-RB-DL	qenx		fent				0			
BU-LU-RB-DB	qenw		fenu				0		0	
BU-LU-RB-DR	qenv		fenv				0			
BU-LU-RF-UR	qepb		feoc				0			
BU-LU-RF-DF	qepu		feod				0			
BU-LU-RF-RU	qepm		feog				0			
BU-LU-RF-FU	qepi		feoh				0			
BU-LU-RF-FL	qepl		feoi				0			
BU-LU-RF-LF	qepf		feoj				0			
BU-LU-RF-LB	qeph		feok				0			
BU-LU-RF-BL	qepr		feol				0			
BU-LU-RF-BR	qept		feom				0			
BU-LU-RF-RB	qepn		feon				0			
BU-LU-RF-FR	qepj		feop				0			
BU-LU-RF-LD	qepg		feoq				0			
BU-LU-RF-BD	qeps		feor				0			
BU-LU-RF-RD	qepo		feos				0			
BU-LU-RF-DL	qepx		feot				0			
BU-LU-RF-DB	qepw		feou				0			
BU-LU-FR-DF	qequ		fepd				0			
BU-LU-FR-FU	qeji		feph				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		
	BU-LU-FR-FL	qeji	fepi					0		
	BU-LU-FR-LB	qejh	fepk					0		
	BU-LU-FR-BL	qejr	fepl					0		
	BU-LU-FR-BR	qejt	fepm					0		
	BU-LU-FR-RB	qejn	fepn					0		
	BU-LU-FR-LD	qejg	fepq					0		
	BU-LU-FR-RD	qejo	feps					0		
	BU-LU-FR-DB	qejw	fepu					0		
	BU-LU-FR-DR	qejv	fepv					0		
	BU-LU-FR-FD	qejk	fepx	gvmw nh	L F M F' I'			6		
	BU-LU-LD-UR	qegb	feqc					0		
	BU-LU-LD-RU	qegm	feqg					0		
	BU-LU-LD-FL	qegl	feqi					0		L
	BU-LU-LD-LF	qegf	feqj					0		
	BU-LU-LD-LB	qegh	feqk					0		F
	BU-LU-LD-BL	qegr	feql					0		
	BU-LU-LD-BR	qegt	feqm					0		
	BU-LU-LD-RB	qegn	feqn					0		
	BU-LU-LD-RF	qegp	feqo					0		
	BU-LU-LD-FR	qegj	feqp	hqga satg phc	L' E' L U S U S' L E L' U2			11		
	BU-LU-LD-BD	qegs	feqr					0		
	BU-LU-LD-RD	qego	feqs					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		F
BU-LU-LD-DB	qegw	fequ					0			
BU-LU-LD-DR	qegv	feqv					0			
BU-LU-BD-UL	qesd	fera					0			
BU-LU-BD-UR	qesb	ferc					0			
BU-LU-BD-RU	qesm	ferg					0			
BU-LU-BD-FU	qesi	ferh					0			
BU-LU-BD-FL	qesl	feri					0		0	
BU-LU-BD-LF	qesf	ferj					0			
BU-LU-BD-LB	qesh	ferk					0			
BU-LU-BD-BL	qesr	ferl					0			
BU-LU-BD-BR	qest	ferm					0		P	
BU-LU-BD-RB	qesn	fern					0		0	
BU-LU-BD-RF	qesp	fero					0		F	
BU-LU-BD-FR	qesj	ferp					0		0	
BU-LU-BD-LD	qesg	ferq					0		F	
BU-LU-BD-DL	qesx	fert					0		A	
BU-LU-BD-DR	qesv	ferv					0			
BU-LU-RD-UR	qeob	fesc					0			
BU-LU-RD-DF	qeou	fesd					0		F	
BU-LU-RD-RU	qeom	fesg					0			
BU-LU-RD-FU	qeoi	fesh					0			
BU-LU-RD-FL	qeol	fesi					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		
	BU-LU-RD-LF	qeof	fesj					0		
	BU-LU-RD-LB	qeoh	fesk					0		
	BU-LU-RD-BL	qeor	fesl					0		
	BU-LU-RD-BR	qeot	fesm					0		
	BU-LU-RD-RB	qeon	fesn					0		
	BU-LU-RD-RF	qeop	feso					0		
	BU-LU-RD-LD	qeog	fesq					0		
	BU-LU-RD-DL	qeox	fest					0		
	BU-LU-DL-UR	qexb	fetc					0		
	BU-LU-DL-DF	qexu	fetd					0		
	BU-LU-DL-RU	qexm	fetg	cibs atic	U2 L2 U' S U S' L2 U2			8		
	BU-LU-DL-FL	qexl	feti					0		F
	BU-LU-DL-LF	qexf	fetj					0		
	BU-LU-DL-LB	qexh	fetk					0		
	BU-LU-DL-BL	qexr	fetl					0		A
	BU-LU-DL-BR	qext	fetm					0		
	BU-LU-DL-RB	qexn	fetn	jasb kvkt jw	R U S U' R' F R' S' R F'			10		
	BU-LU-DL-RF	qexp	feto					0		
	BU-LU-DL-FR	qexj	fotp					0		
	BU-LU-DL-BD	qexs	fetr					0		
	BU-LU-DL-RD	qexo	fets					0		O
	BU-LU-DL-DR	qexv	fetv					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		
	BU-LU-DB-UR	qewb	feuc					0		
	BU-LU-DB-DF	qewu	feud					0		A
	BU-LU-DB-RU	qewm	feug					0		
	BU-LU-DB-FU	qewi	feuh					0		
	BU-LU-DB-FL	qewl	feui					0		
	BU-LU-DB-LF	qewf	feuj					0		
	BU-LU-DB-LB	qewh	feuk					0		
	BU-LU-DB-BL	qewr	feul					0		
	BU-LU-DB-BR	qewt	feum					0		O
	BU-LU-DB-RB	qewn	feun					0		
	BU-LU-DB-RF	qewp	feuo					0		
	BU-LU-DB-FR	qewj	feup					0		
	BU-LU-DB-RD	qewo	feus					0		
	BU-LU-DB-DL	qewx	feut					0		
	BU-LU-DB-DR	qewv	feuv					0		
	BU-LU-DR-UR	qevb	fevc					0		A
	BU-LU-DR-DF	qevu	fevd					0		L
	BU-LU-DR-FL	qevl	fevi					0		O
	BU-LU-DR-LF	qevf	fevj					0		F
	BU-LU-DR-LB	qevh	fevk					0		O
	BU-LU-DR-BL	qevr	fevl					0		
	BU-LU-DR-BR	qevt	fevm					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		
	BU-LU-DR-RB	qevn	fevn				0			
	BU-LU-DR-BD	qevs	fevr				0			A
	BU-LU-DR-DB	qevw	fevu				0			
	BU-LU-FD-UR	qekb	fexc	asdm tbsn et	U S D M S' U' S M' D' S'		10			F
	BU-LU-FD-LF	qekf	fexj	wdjv namb wkev	F' D R F M' U M U' F' R' D' F		12			
	BU-LU-FD-DB	qekw	fexu	sanb nao bt	S U M' U' M' U M2 U' S'		9			
	BU-RU-UL-UB	qmda	fgab				0			
	BU-RU-UL-DF	qmdu	fgad				0			
	BU-RU-UL-FU	qmdi	fgah				0			
	BU-RU-UL-FL	qmdl	fgai				0			
	BU-RU-UL-LF	qmdf	fgaj				0			
	BU-RU-UL-LB	qmdh	fgak				0			
	BU-RU-UL-BL	qmdr	fgal				0			C
	BU-RU-UL-RF	qmdp	fgao				0			
	BU-RU-UL-FR	qmdj	fgap				0			
	BU-RU-UL-LD	qmdg	fgaq				0			
	BU-RU-UL-BD	qmds	fgar	cmb nb	U2 M U' M' U'		5			
	BU-RU-UL-DL	qmdx	fgat				0			P
	BU-RU-UL-FD	qmdk	fgax	nbma	M' U' M U		4	0.19	1.7	O
	BU-RU-UB-UL	qmad	fgba				0			
	BU-RU-UB-RB	qman	fgbn				0			
	BU-RU-UB-DL	qmax	fgbt				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		
BU-RU-UR-RD	qmbo		fgcs					0		
BU-RU-DF-UL	qmud		fgda					0		
BU-RU-DF-UR	qmub		fgdc					0		
BU-RU-DF-LU	qmue		fgde					0		
BU-RU-DF-FL	qmul		fgdi					0		A
BU-RU-DF-LF	qmuf		fgdj					0		
BU-RU-DF-BR	qmut		fgdm					0		
BU-RU-DF-RF	qmup		fgdo					0		
BU-RU-DF-FR	qmuj		fgdp					0		O
BU-RU-DF-BD	qmus		fgdr					0		
BU-RU-LU-UB	qmea		fgeb					0		
BU-RU-LU-LF	qmef		fgej					0		
BU-RU-LU-LB	qmeh		fgek					0		
BU-RU-LU-RF	qmep		fgeo					0		
BU-RU-LU-BD	qmes		fger					0		
BU-RU-LU-RD	qmeo		fges					0		
BU-RU-LU-DB	qmew		fgeu					0		
BU-RU-LU-DR	qmev		fgev					0		
BU-RU-FU-UL	qmid		fgha					0		
BU-RU-FU-UR	qmib		fghc					0		
BU-RU-FU-FL	qmil		fghi					0		L
BU-RU-FU-LF	qmif		fghj					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		
	BU-RU-FU-BL	qmir	fghi					0		
	BU-RU-FU-LD	qmig	fghq					0		
	BU-RU-FU-RD	qmio	fghs					0		
	BU-RU-FU-DL	qmix	fght					0		
	BU-RU-FU-DB	qmiw	fghu					0		
	BU-RU-FL-UL	qmld	fgia					0		
	BU-RU-FL-UB	qmla	fgib					0		
	BU-RU-FL-DF	qmlu	fgid					0	0	
	BU-RU-FL-LU	qmle	fgie					0		
	BU-RU-FL-FU	qmli	fgih					0		
	BU-RU-FL-BL	qmlr	fgil					0		
	BU-RU-FL-RB	qmln	fgin					0	0	
	BU-RU-FL-RF	qmlp	fgio					0		
	BU-RU-FL-FR	qmlj	fgip					0		
	BU-RU-FL-LD	qmlg	fgiq					0		
	BU-RU-FL-RD	qmlo	fgis					0		
	BU-RU-FL-DL	qmlx	fgit					0		
	BU-RU-FL-DR	qmlv	fgiv					0		F
	BU-RU-FL-FD	qmlk	fgix	kwmv nj	R' F' M F r			6		
	BU-RU-LF-DF	qmfu	fgjd					0		
	BU-RU-LF-LU	qmfe	fgje					0		
	BU-RU-LF-LB	qmfh	fgjk	nbpv mwaw nvqm	M' u' F M F' U F' M' F E' M			12	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		
	BU-RU-LF-BR	qmft	fgjm					0		
	BU-RU-LF-RB	qmfn	fgjn					0		
	BU-RU-LF-RF	qmfp	fgjo					0		
	BU-RU-LF-FR	qmfj	fgjp					0		
	BU-RU-LF-BD	qmfs	fgjr					0		0
	BU-RU-LF-RD	qmfo	fgjs	bvtb sawa	U' F S' U' S U F' U			8		
	BU-RU-LF-DL	qmfx	fgjt					0		
	BU-RU-LF-DB	qmfw	fgju					0		
	BU-RU-LF-DR	qmfv	fgjv					0		
	BU-RU-LB-UL	qmhd	fgka					0		
	BU-RU-LB-UR	qmhb	fgkc					0		
	BU-RU-LB-DF	qmhu	fgkd					0		
	BU-RU-LB-LU	qmhe	fgke					0		
	BU-RU-LB-FU	qmhi	fgkh					0		
	BU-RU-LB-FL	qmhl	fgki					0		
	BU-RU-LB-LF	qmhf	fgkj					0		
	BU-RU-LB-BR	qmht	fgkm					0		
	BU-RU-LB-RF	qmhp	fgko					0		
	BU-RU-LB-FR	qmhj	fgkp					0		
	BU-RU-LB-LD	qmhg	fgkq					0		A
	BU-RU-LB-RD	qmho	fgks					0		
	BU-RU-LB-DB	qmhw	fgku					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		
	BU-RU-BL-UL	qmrd	fbla					0		
	BU-RU-BL-DF	qmru	fblld					0		0
	BU-RU-BL-LU	qmre	fble					0		
	BU-RU-BL-FU	qmri	fglh					0		
	BU-RU-BL-FL	qmrl	fgli					0		
	BU-RU-BL-LF	qmrf	fglj					0		
	BU-RU-BL-BR	qmrt	fglm					0		
	BU-RU-BL-RB	qmrn	fgln					0		
	BU-RU-BL-RF	qmrp	fglo					0		
	BU-RU-BL-FR	qmraj	fglp					0		
	BU-RU-BL-LD	qmrg	fglq					0		
	BU-RU-BL-DL	qmrx	fglt					0		0
	BU-RU-BL-DB	qmrw	fglu					0		
	BU-RU-BR-UL	qmtd	fgma					0		
	BU-RU-BR-DF	qmtu	fgmd					0		
	BU-RU-BR-LU	qmte	fgme					0		A
	BU-RU-BR-FU	qmti	fgmh					0		
	BU-RU-BR-FL	qmtl	fgmi					0		
	BU-RU-BR-LB	qmth	fgmk					0		A
	BU-RU-BR-BL	qmtr	fgml	rkwj mvnw kvjr	E2 R' F' R M F M' F' R' F R E2			12		
	BU-RU-BR-RF	qmtp	fgmo					0		
	BU-RU-BR-FR	qmtrj	fgmp					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		
	BU-RU-BR-LD	qmtg	fgmq					0		
	BU-RU-BR-BD	qmts	fgmr					0		
	BU-RU-BR-RD	qmto	fgms					0		
	BU-RU-BR-DL	qmtx	fgmt					0	0	
	BU-RU-BR-DB	qmtw	fgmu					0		
	BU-RU-BR-DR	qmtv	fgmv					0		
	BU-RU-RB-UL	qmnd	fgna					0		
	BU-RU-RB-DF	qmnu	fgnd					0		
	BU-RU-RB-LU	qmne	fgne					0		
	BU-RU-RB-FU	qmni	fgnh					0		
	BU-RU-RB-FL	qmnl	fgni					0		
	BU-RU-RB-LF	qmnf	fgnj					0		
	BU-RU-RB-LB	qmnh	fgnk					0		
	BU-RU-RB-RF	qmnp	fgno	nhwp gbma ksdj	I' F' E L U' M U R' S D R			12		
	BU-RU-RB-FR	qmnj	fgnp					0	0	
	BU-RU-RB-RD	qmno	fgns					0		
	BU-RU-RB-DL	qmnx	fgnt					0	0	
	BU-RU-RB-DR	qmnv	fgnv					0		
	BU-RU-RF-DF	qmpu	fgod					0		P
	BU-RU-RF-FU	qmpi	fgoh					0		
	BU-RU-RF-LB	qmph	fgok					0		
	BU-RU-RF-BL	qmpr	fgol					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		
BU-RU-RF-RB	qmpn		fgon					0		
BU-RU-RF-LD	qmpg		fgoq					0		
BU-RU-RF-BD	qmpps		fgor					0		
BU-RU-RF-RD	qmpo		fgos					0		
BU-RU-RF-DL	qmpx		fgot					0		
BU-RU-RF-DB	qmpw		fgou					0		
BU-RU-FR-UL	qmjd		fgpa					0		
BU-RU-FR-DF	qmju		fgpd					0		
BU-RU-FR-LU	qmje		fgpe					0		
BU-RU-FR-FL	qmjl		fgpi					0		
BU-RU-FR-LF	qmjf		fgpj					0		
BU-RU-FR-LB	qmjh		fgpk					0		
BU-RU-FR-BL	qmjr		fgpl					0		C
BU-RU-FR-LD	qmjg		fgpq					0		
BU-RU-FR-BD	qmjs		fgpr					0		
BU-RU-FR-RD	qmjo		fgps					0		
BU-RU-FR-DR	qmjv		fgpv					0		C
BU-RU-LD-UL	qmgd		fgqa					0		
BU-RU-LD-DF	qmgu		fgqd					0		
BU-RU-LD-LU	qmge		fgqe					0		
BU-RU-LD-FU	qmgi		fgqh					0		
BU-RU-LD-LB	qmgh		fgqk					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		
BU-RU-LD-BL	qmgr	fgql					0		A	
BU-RU-LD-BR	qmgt	fgqm					0			
BU-RU-LD-RB	qmgn	fgqn					0			
BU-RU-LD-RF	qmgp	fgqo					0			
BU-RU-LD-BD	qmgs	fgqr					0		A	
BU-RU-LD-RD	qmgo	fgqs					0			
BU-RU-LD-DB	qmgw	fgqu					0			
BU-RU-LD-DR	qmgv	fgqv					0			
BU-RU-BD-UL	qmsd	fgra					0			
BU-RU-BD-UB	qmsa	fgrb					0			
BU-RU-BD-LU	qmse	fgre					0			
BU-RU-BD-FL	qmsl	fgri					0		O	
BU-RU-BD-LF	qmsf	fgrj					0		F	
BU-RU-BD-LB	qmsh	fgrk					0			
BU-RU-BD-RB	qmsn	fgrn					0			
BU-RU-BD-RF	qmsp	fgro					0			
BU-RU-BD-LD	qmsg	fgrq					0			
BU-RU-BD-RD	qmos	fgrs					0		O	
BU-RU-BD-DL	qmsx	fgrt					0		O	
BU-RU-BD-DR	qmsv	fgrv					0			
BU-RU-RD-UL	qmod	fgsa					0			
BU-RU-RD-UR	qmob	fgsc					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		
	BU-RU-RD-DF	q mou	fgsd					0		
	BU-RU-RD-LU	q moe	fgse					0		
	BU-RU-RD-FL	q mol	fgsi					0		
	BU-RU-RD-LF	q mof	fgsj					0		
	BU-RU-RD-LB	q moh	fgsk					0		
	BU-RU-RD-BL	q mor	fgsl					0		
	BU-RU-RD-BR	q mot	fgsm					0	L	
	BU-RU-RD-RB	q mon	fgsn					0		
	BU-RU-RD-RF	q mop	fgso					0		
	BU-RU-RD-FR	q moj	fgsp					0		
	BU-RU-RD-LD	q mog	fgsq					0	L	
	BU-RU-RD-BD	q mos	fgsr					0	A	
	BU-RU-RD-DL	q moy	fgst					0	O	
	BU-RU-RD-DB	q moyw	fgsu					0		
	BU-RU-DL-UL	q mx d	fgta	atal bual tc	U S' U R2 U' S2 U R2 S' U2			10		
	BU-RU-DL-UB	q mx a	fgtb					0		
	BU-RU-DL-DF	q mx u	fgtd					0		
	BU-RU-DL-LU	q mx e	fgte					0		
	BU-RU-DL-FU	q mx i	fgth					0		
	BU-RU-DL-FL	q mx l	fgti					0		
	BU-RU-DL-LF	q mx f	fgtj					0		
	BU-RU-DL-BR	q mx t	fgtm					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		
	BU-RU-DL-RB	qmxn	fgtn					0		
	BU-RU-DL-RF	qmxp	fgto					0		
	BU-RU-DL-FR	qmxj	fgtp					0		
	BU-RU-DL-BD	qmxs	fgtr					0		
	BU-RU-DL-RD	qmxo	fgts					0		
	BU-RU-DL-DB	qmxw	fgtu					0		
	BU-RU-DB-UL	qmwd	fgua					0		
	BU-RU-DB-DF	qmwu	fgud					0		
	BU-RU-DB-LU	qmwe	fgue					0		
	BU-RU-DB-FU	qmwi	fguh					0		
	BU-RU-DB-FL	qmwl	fgui					0	0	
	BU-RU-DB-LF	qmwf	fguj					0		
	BU-RU-DB-LB	qmwh	fguk					0	0	
	BU-RU-DB-BL	qmwr	fgul					0		
	BU-RU-DB-BR	qmwt	fgum					0		
	BU-RU-DB-RB	qmwn	fgun					0		
	BU-RU-DB-RF	qmwp	fguo					0		
	BU-RU-DB-FR	qmwj	fgup					0		
	BU-RU-DB-LD	qmwg	fguq					0		
	BU-RU-DB-DL	qmwx	fgut					0		
	BU-RU-DB-DR	qmww	fguv					0		
	BU-RU-DR-UL	qmvd	fgva					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		
	BU-RU-DR-LU	qmve	fgve					0		
	BU-RU-DR-FU	qmvi	fgvh					0		
	BU-RU-DR-FL	qmvl	fgvi					0		
	BU-RU-DR-LF	qmvf	fgvj					0		
	BU-RU-DR-LB	qmvh	fgvk					0		
	BU-RU-DR-BL	qmvr	fgvl	newt l pks kvd	M' D' f R2 E R' S R' F D		11		0	
	BU-RU-DR-BR	qmvt	fgvm					0		
	BU-RU-DR-RB	qmvn	fgvn					0		
	BU-RU-DR-RF	qmvp	fgvo					0		
	BU-RU-DR-FR	qmvj	fgvp					0		
	BU-RU-DR-LD	qmvg	fgvq					0		
	BU-RU-DR-BD	qmvs	fgvr					0	C	
	BU-RU-DR-DL	qmvx	fgvt					0		
	BU-RU-DR-DB	qmvw	fgvu					0		
	BU-FU-UL-DF	qidu	fhad					0		
	BU-FU-UL-FL	qidl	fhai					0		
	BU-FU-UL-LF	qidf	fhaj					0		
	BU-FU-UL-LB	qidh	fhak					0	L	
	BU-FU-UL-BL	qidr	fhal					0		
	BU-FU-UL-RF	qidp	fhaq					0		
	BU-FU-UL-LD	qidg	fhaq					0	O	
	BU-FU-UL-BD	qidn	fhar					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
BU-FU-UL-RD	qido		fhas				0			A
BU-FU-UL-DL	qidx		fhat				0			L
BU-FU-UL-DR	qidv		fhat				0			A
BU-FU-UR-LU	qibe		fhce				0			A
BU-FU-UR-LB	qibh		fhck				0			O
BU-FU-UR-BL	qibr		fhcl				0			O
BU-FU-UR-RF	qibp		fhco				0			O
BU-FU-UR-FR	qibj		fhcp				0			
BU-FU-UR-LD	qibg		fhcq				0			
BU-FU-UR-RD	qibo		fhcs				0			
BU-FU-UR-DL	qibx		fhct				0			O
BU-FU-UR-DR	qibv		fhcv				0			O
BU-FU-LU-RU	qiem		fheg				0			
BU-FU-LU-BL	qier		fhel				0			
BU-FU-LU-BR	qiet		fhem				0			
BU-FU-LU-RB	qien		fhen				0			
BU-FU-LU-FR	qiej		fhep				0			
BU-FU-LU-LD	qieg		fheq				0			A
BU-FU-LU-BD	qies		fher				0			P
BU-FU-LU-RD	qieo		fhes				0			O
BU-FU-RU-LU	qime		fhge				0			
BU-FU-RU-FL	qiml		fhgi				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		
	BU-FU-RU-RB	qimn	fhgn					0		
	BU-FU-RU-RD	qimo	fhgs					0		
	BU-FU-RU-DL	qimx	fhgt					0		
	BU-FU-FL-UL	qild	fhia					0		
	BU-FU-FL-LB	qilh	fhik					0		
	BU-FU-FL-BR	qilt	fhim					0		
	BU-FU-FL-RB	qiln	fhin					0		
	BU-FU-FL-RF	qilp	fhio					0		
	BU-FU-FL-FR	qilj	fhip					0		
	BU-FU-FL-RD	qilo	fhis					0		A
	BU-FU-FL-DL	qilx	fhit					0		
	BU-FU-LF-LU	qife	fhje					0		
	BU-FU-LF-LB	qifh	fhjk					0		L
	BU-FU-LF-BR	qift	fhjm					0		
	BU-FU-LF-RB	qifn	fhjn					0		
	BU-FU-LF-RF	qifp	fhjo					0		
	BU-FU-LF-DL	qifx	fhjt					0		
	BU-FU-LF-DB	qifw	fhju					0		
	BU-FU-LB-LU	qihe	fhke					0		
	BU-FU-LB-LD	qihg	fhkq					0		
	BU-FU-LB-DL	qihx	fhkt					0		
	BU-FU-BL-UL	qird	fhla					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		
BU-FU-BL-UR	qirb		fhlc					0		
BU-FU-BL-RU	qirm		fhlg					0		O
BU-FU-BL-FL	qirl		fhli					0		
BU-FU-BL-LF	qirf		fhlj					0		
BU-FU-BL-BR	qirt		fhlm					0		
BU-FU-BL-FR	qirj		fhlp					0		
BU-FU-BL-BD	qirs		fhlr					0		
BU-FU-BR-RU	qitm		fhmg					0		
BU-FU-BR-LF	qitf		fhmj					0		
BU-FU-BR-LB	qith		fhmk					0		
BU-FU-BR-LD	qitg		fhmq					0		
BU-FU-BR-BD	qits		fhmr					0		
BU-FU-BR-DL	qitx		fhmt					0		
BU-FU-RB-UL	qind		fhna					0		
BU-FU-RB-LU	qine		fhne					0		A
BU-FU-RB-FL	qinl		fhni					0		
BU-FU-RB-LF	qinf		fhnj					0		O
BU-FU-RB-LB	qinh		fhnk					0		
BU-FU-RB-BL	qinr		fhnl					0		O
BU-FU-RB-LD	qing		fhnq					0		
BU-FU-RB-DL	qinx		fhnt					0		O
BU-FU-RB-DR	qinv		fhnv					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		
BU-FU-RF-UR	qipb		fhoc					0		
BU-FU-RF-DF	qipu		fhod					0		A
BU-FU-RF-RU	qipm		fhog					0		
BU-FU-RF-LF	qipf		fhoj					0		
BU-FU-RF-LB	qiph		fhok					0		O
BU-FU-RF-BR	qipt		fhom					0		
BU-FU-RF-LD	qipg		fhoq					0		
BU-FU-RF-BD	qips		fhor					0		
BU-FU-RF-RD	qipo		fhos					0		
BU-FU-RF-DL	qipx		fhot					0		
BU-FU-RF-DB	qipw		fhou					0		
BU-FU-RF-DR	qipv		fhov					0		
BU-FU-FR-UL	qijd		fhpa					0		
BU-FU-FR-UR	qijb		fhpc					0		
BU-FU-FR-LU	qije		fhpe					0		
BU-FU-FR-RU	qijm		fhpg					0		
BU-FU-FR-FL	qijl		fhpi					0		O
BU-FU-FR-LF	qijf		fhpj					0		
BU-FU-FR-LB	qijh		fhpk					0		A
BU-FU-FR-BL	qijr		fhpl					0		O
BU-FU-FR-BR	qijt		fhpm					0		
BU-FU-FR-RB	qijn		fhpn					0		O

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		0
BU-FU-FR-LD	qijg		fhpq					0		0
BU-FU-FR-RD	qijo		fhps					0		0
BU-FU-FR-DL	qijx		fhpt					0		0
BU-FU-FR-DB	qijw		fhpu					0		0
BU-FU-FR-DR	qijv		fhpv					0		0
BU-FU-LD-UL	qigd		fhqa					0		0
BU-FU-LD-LU	qige		fhqe					0		0
BU-FU-LD-BL	qigr		fhql					0		0
BU-FU-LD-RB	qign		fhqn					0		0
BU-FU-LD-RD	qigo		fhqs					0		0
BU-FU-LD-DR	qigv		fhqv					0		0
BU-FU-BD-DF	qisu		fhrd					0		0
BU-FU-BD-LU	qise		fhre					0		0
BU-FU-BD-BR	qist		fhrm					0		0
BU-FU-BD-LD	qisg		fhrq					0		0
BU-FU-BD-RD	qiso		fhrs					0		0
BU-FU-BD-DL	qisx		fhrt					0		0
BU-FU-RD-UL	qiod		fhsa					0		0
BU-FU-RD-UR	qiob		fhsc					0		0
BU-FU-RD-LU	qioe		fhse					0		0
BU-FU-RD-RU	qiom		fhsg					0		0
BU-FU-RD-FL	qiol		fhsı					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		
BU-FU-RD-LF	qiof		fhsj					0		
BU-FU-RD-BR	qiot		fhsm					0		
BU-FU-RD-RB	qion		fhsn					0		
BU-FU-RD-LD	qiog		fhsq					0		
BU-FU-DL-UB	qixa		fhtb					0		
BU-FU-DL-RU	qixm		fhtg					0		
BU-FU-DL-FL	qixl		fhti					0		
BU-FU-DL-LF	qixf		fhtj					0		
BU-FU-DL-LB	qixh		fhtk					0		
BU-FU-DL-BR	qixt		fhtm					0		
BU-FU-DL-RB	qixn		fhtn					0		
BU-FU-DL-FR	qixj		fhtp					0		
BU-FU-DL-BD	qixs		fhtr					0		
BU-FU-DL-RD	qixo		fhts					0		
BU-FU-DL-DR	qixv		fhtv					0		
BU-FU-DB-UL	qiwd		fhua					0		
BU-FU-DB-UR	qiwb		fhuc					0		
BU-FU-DB-LU	qiwe		fhue					0		
BU-FU-DB-RU	qiwm		fhug					0		
BU-FU-DB-FL	qiwl		fhui					0		
BU-FU-DB-LF	qiwf		fhuj					0		
BU-FU-DB-LD	qiwg		fhuq					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-FU-DB-RD	qiwo	fhus				0			
	BU-FU-DB-DL	qiwx	fhut				0			
	BU-FU-DB-DR	qiwv	fhuv				0			
	BU-FU-DR-UL	qivd	fhva				0			
	BU-FU-DR-LU	qive	fhve				0			
	BU-FU-DR-FL	qivil	fhvi				0			
	BU-FU-DR-LF	qivf	fhvj				0			
	BU-FU-DR-RB	qivn	fhvn				0			
	BU-FU-DR-RF	qivp	fhvo				0			
	BU-FU-DR-DB	qivw	fhvu				0			
	BU-FL-UL-UB	qlda	fiab				0			
	BU-FL-UL-LB	qldh	fiak	hdne sguk pjs	L' D M' D' S L S2 R' E R S		11			
	BU-FL-UL-BL	qldr	fial				0			
	BU-FL-UL-BR	qldt	fiam				0			
	BU-FL-UL-RB	qldn	fian				0			
	BU-FL-UL-RF	qldp	fiao				0			
	BU-FL-UL-FR	qldj	fiap				0			
	BU-FL-UL-LD	qldg	fiaq				0			
	BU-FL-UL-BD	qlds	fiar				0			
	BU-FL-UL-RD	qldo	fias				0			
	BU-FL-UL-DL	qldx	fiat				0			
	BU-FL-UL-DB	qldw	fiau				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		
	BU-FL-UL-DR	qldv	fiav					0		
	BU-FL-UB-UL	qlad	fiba					0		
	BU-FL-UB-LU	qlae	fibe					0		
	BU-FL-UB-BL	qlar	fibl					0		F
	BU-FL-UB-RF	qlap	fibo					0		
	BU-FL-UB-FR	qlaj	fibp					0		
	BU-FL-UB-LD	qlag	fibq					0		
	BU-FL-UB-BD	qlas	fibr					0		O
	BU-FL-UB-DB	qlaw	fibu					0		
	BU-FL-UR-UL	qlbd	fica	bjvk tasb jwka	U' R F R' S' U S U' R F' R' U			12		
	BU-FL-UR-DF	qlbu	ficd					0		
	BU-FL-UR-LU	qlbe	fice					0		A
	BU-FL-UR-FU	qlbi	fich					0		
	BU-FL-UR-LB	qlbh	fick					0		F
	BU-FL-UR-BL	qlbr	ficl					0		
	BU-FL-UR-BR	qlbt	ficm					0		
	BU-FL-UR-RB	qlbn	ficn					0		
	BU-FL-UR-LD	qlbg	ficq					0		
	BU-FL-UR-BD	qlbs	ficr					0		O
	BU-FL-UR-RD	qlbo	fics					0		O
	BU-FL-UR-DR	qlbv	ficv					0		
	BU-FL-DF-UL	qlud	fida					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		
	BU-FL-DF-UB	qlua	fidb					0		
	BU-FL-DF-UR	qlub	fidc					0		
	BU-FL-DF-LU	qlue	fide					0	0	
	BU-FL-DF-RU	qlum	fidg					0	0	
	BU-FL-DF-BL	qlur	fidl					0	0	
	BU-FL-DF-BR	qlut	fidm					0		
	BU-FL-DF-RB	qlun	fidn					0		
	BU-FL-DF-RF	qlup	fido					0		
	BU-FL-DF-FR	qluj	fidp					0		
	BU-FL-DF-LD	qlug	fidq					0		
	BU-FL-DF-BD	qlus	fidr					0		
	BU-FL-DF-DL	qlux	fidt					0	F	
	BU-FL-DF-DR	qluv	fidv					0		
	BU-FL-LU-UB	qlea	fieb					0		
	BU-FL-LU-DF	qleu	fied					0	A	
	BU-FL-LU-FU	qlei	fieh					0		
	BU-FL-LU-BL	qler	fiel					0	C	
	BU-FL-LU-BR	qlet	fiem					0		
	BU-FL-LU-RB	qlen	fien					0		
	BU-FL-LU-RF	qlep	fieo					0		
	BU-FL-LU-FR	qlej	fiep					0		
	BU-FL-LU-BD	qles	fier					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		
	BU-FL-LU-RD	qleo	fies					0		
	BU-FL-LU-DL	qlex	fiet					0		
	BU-FL-LU-DR	qlev	fiev					0		
	BU-FL-RU-UL	qlmd	figa					0	0	
	BU-FL-RU-DF	qlmu	figd					0		
	BU-FL-RU-LU	qlme	fige					0		
	BU-FL-RU-FU	qlmi	figh					0	A	
	BU-FL-RU-BL	qlmr	figl					0	0	
	BU-FL-RU-RB	qlmn	fign					0		
	BU-FL-RU-RF	qlmp	figo					0		
	BU-FL-RU-FR	qlmj	figp					0	F	
	BU-FL-RU-LD	qlmg	figq					0		
	BU-FL-RU-BD	qlms	figr					0	0	
	BU-FL-RU-RD	qlmo	figs					0	0	
	BU-FL-RU-DL	qlmx	figt					0	0	
	BU-FL-RU-DB	qlmw	figu					0	0	
	BU-FL-RU-DR	qlmv	figv					0		
	BU-FL-FU-UL	qlid	fiha					0		
	BU-FL-FU-UR	qlib	fihc					0		F
	BU-FL-FU-LU	qlie	fihe					0		F
	BU-FL-FU-RU	qlim	fihg					0		
	BU-FL-FU-RF	qlip	fiho					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		
	BU-FL-FU-FR	qlij	fihp				0			F
	BU-FL-FU-LD	qlig	fihq				0			F
	BU-FL-FU-RD	qlio	fihs				0			
	BU-FL-FU-DL	qlix	fiht				0			
	BU-FL-FU-DB	qliw	fihu				0			
	BU-FL-FU-DR	qliv	fihv				0			
	BU-FL-LB-UL	qlhd	fika				0			F
	BU-FL-LB-UB	qlha	fikb				0			
	BU-FL-LB-UR	qlhb	fikc				0			
	BU-FL-LB-LU	qlhe	fike				0			
	BU-FL-LB-RU	qlhm	fikg				0			
	BU-FL-LB-FU	qlhi	fikh				0			
	BU-FL-LB-BR	qlht	fikm				0			
	BU-FL-LB-RB	qlhn	fikn				0			
	BU-FL-LB-RF	qlhp	fiko				0			
	BU-FL-LB-FR	qlhj	fikp				0			
	BU-FL-LB-LD	qlhg	fikq				0			
	BU-FL-LB-BD	qlhs	fikr				0			
	BU-FL-LB-RD	qlho	fiks				0			
	BU-FL-LB-DL	qlhx	fikt				0			
	BU-FL-LB-DB	qlhw	fiku				0			
	BU-FL-BL-UL	qlrd	fila				0			

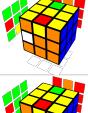
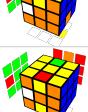
UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-FL-BL-UR	qlrb	filc				0			
	BU-FL-BL-DF	qlru	fild				0			
	BU-FL-BL-LU	qlre	file				0			
	BU-FL-BL-RU	qlrm	filg				0			
	BU-FL-BL-BR	qlrt	film				0			
	BU-FL-BL-RB	qlrn	filn				0			
	BU-FL-BL-RF	qlrp	filo				0			
	BU-FL-BL-FR	qlrj	filp	iwmx rwiv rnw	L2 F' M F2 E2 F' L2 F E2 M' F'		11			P
	BU-FL-BL-LD	qlrg	filq				0			
	BU-FL-BL-BD	qlrs	filr				0		0	
	BU-FL-BL-DL	qlrx	filt				0			
	BU-FL-BL-DB	qlrw	filu				0			
	BU-FL-BL-DR	qlrv	filv				0			
	BU-FL-BL-FD	qlrk	filx	gbnb satm ah	L U' M' U' S U S' M U L'		10			
	BU-FL-BR-UL	qltd	fima				0			
	BU-FL-BR-UR	qltb	fimc	kbva namc waj	R' U' F U M' U M U2 F' U R		11			
	BU-FL-BR-DF	qltu	fimd	awme sjtk dnvb	U F' M D' S R S' R' D M' F U'		12			
	BU-FL-BR-LU	qlte	fime				0			
	BU-FL-BR-RU	qltm	fimg	kwak ugwo dhu ol	R' F' U R' S2 L F' M2 D L' S2 r2		13			O
	BU-FL-BR-LB	qlth	fimk	aktq gpsj thsb	U R' S' E' L E S R S' L' S U'		12			
	BU-FL-BR-BL	qltr	fiml	agbm agpi qbn	U L U' M U L E L2 E' U' M'		11			
	BU-FL-BR-RF	qltp	fimo				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-FL-BR-LD	qltg	fimq	kbvc sata waj	R' U' F U2 S U S' U F' U R		11			
	BU-FL-BR-BD	qlts	fimr				0		0	
	BU-FL-BR-RD	qlto	fims	dkbv bman waje	D R' U' F U' M U M' F' U R D'		12		0	
	BU-FL-BR-DL	qltx	fimt	jenv cvmw cwdk	R D' M' F U2 F M F' U2 F' D R'		12			
	BU-FL-BR-DB	qltw	fimu				0			
	BU-FL-BR-DR	qltv	fimv	gska satc jth	L S R' U S U S' U2 R S' L'		11			
	BU-FL-RB-UL	qlnd	fina				0			
	BU-FL-RB-UR	qlnb	finc				0		A	
	BU-FL-RB-DF	qlnu	find				0		A	
	BU-FL-RB-LU	qlne	fine				0		F	
	BU-FL-RB-FU	qlni	finh				0		P	
	BU-FL-RB-LB	qlnh	fink				0			
	BU-FL-RB-BL	qlnr	finl				0		C	
	BU-FL-RB-FR	qlnj	finp				0			
	BU-FL-RB-LD	qlng	finq				0		F	
	BU-FL-RB-BD	qlns	finr				0		F	
	BU-FL-RB-RD	qlno	fins				0		P	
	BU-FL-RB-DL	qlnx	fint				0			
	BU-FL-RB-DB	qlnw	finu				0			
	BU-FL-RB-DR	qlnv	finv				0			
	BU-FL-RF-UL	qlpd	fioa				0			
	BU-FL-RF-UR	qlpb	fioc				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-FL-RF-DF	qlpu	fiod				0			
	BU-FL-RF-LU	qlpe	fioe				0			
	BU-FL-RF-RU	qlpm	fiog				0			
	BU-FL-RF-BR	qlpt	fiom				0			
	BU-FL-RF-LD	qlpg	fioq				0			
	BU-FL-RF-BD	qlps	fior				0			
	BU-FL-RF-RD	qlpo	fios				0			
	BU-FL-RF-DB	qlpw	fiou				0			
	BU-FL-RF-DR	qlpv	fiov				0			
	BU-FL-RF-FD	qlpk	fiox	bwnv akwo vnj	U' F' M' F U R' F' M2 F r		11			
	BU-FL-FR-UB	qlja	fipb				0			
	BU-FL-FR-DF	qlju	fipd				0			
	BU-FL-FR-RU	qljm	fipg				0			
	BU-FL-FR-FU	qlji	fiph				0			
	BU-FL-FR-LB	qljh	fipk				0			
	BU-FL-FR-BL	qljr	fipl				0			
	BU-FL-FR-RB	qljn	fipn				0			
	BU-FL-FR-LD	qljg	fipq				0			
	BU-FL-FR-RD	qljo	fips				0			
	BU-FL-FR-DR	qljv	fipv				0			
	BU-FL-LD-UL	qlgd	fiqa				0			
	BU-FL-LD-UR	qlgb	fiqc				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-FL-LD-DF	qlgu	fiqd				0			
	BU-FL-LD-LU	qlge	fiqe				0			
	BU-FL-LD-RU	qlgm	fiqq				0			
	BU-FL-LD-BL	qlgr	fiql				0			
	BU-FL-LD-RB	qlgn	fiqn				0			
	BU-FL-LD-BD	qlgs	fiqr				0		F	
	BU-FL-LD-RD	qlgo	fiqs				0			
	BU-FL-LD-DB	qlgw	fiqu				0			
	BU-FL-LD-DR	qlgv	fiqv				0			
	BU-FL-BD-UL	qlsd	fira				0		A	
	BU-FL-BD-UR	qlsb	firc				0		O	
	BU-FL-BD-DF	qlsu	fird	gbue sdsah	L U' S2 D' S D S U L'		9			
	BU-FL-BD-LU	qlse	fire				0		O	
	BU-FL-BD-RU	qlsm	firg				0			
	BU-FL-BD-LB	qlsh	firk				0		O	
	BU-FL-BD-BL	qlsr	firl				0		A	
	BU-FL-BD-BR	qlst	firm				0		O	
	BU-FL-BD-RB	qlsn	fирн				0		O	
	BU-FL-BD-RF	qlsp	firo				0		A	
	BU-FL-BD-FR	qlsj	fирп				0			
	BU-FL-BD-LD	qlsg	fирq				0			
	BU-FL-BD-RD	qlso	firs				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		
	BU-FL-BD-DL	qlsx	firt					0		
	BU-FL-BD-DR	qlsv	firv					0		
	BU-FL-RD-UL	qlod	fisa					0		
	BU-FL-RD-UR	qlob	fisc					0		
	BU-FL-RD-DF	qlou	fisd					0		
	BU-FL-RD-LU	qloe	fise					0		
	BU-FL-RD-RU	qlom	fisg					0		
	BU-FL-RD-FU	qloi	fish					0		0
	BU-FL-RD-LB	qloh	fisk					0		
	BU-FL-RD-BL	qlor	fisl					0		A
	BU-FL-RD-BR	qlot	fism					0		
	BU-FL-RD-RB	qlon	fisn	apkq jcks jta	U E R' E' R U2 R' S R S' U		11			
	BU-FL-RD-RF	qlop	fiso					0		
	BU-FL-RD-FR	qloj	fisp					0		
	BU-FL-RD-LD	qlog	fisq					0		
	BU-FL-RD-BD	qlos	fistr					0		
	BU-FL-RD-DL	qlox	fist					0		0
	BU-FL-DL-UL	qlxd	fita					0		
	BU-FL-DL-UR	qlxb	fitc					0		
	BU-FL-DL-DF	qlxu	fitd					0		A
	BU-FL-DL-LU	qlxe	fite					0		
	BU-FL-DL-RU	qlxm	fitg					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-FL-DL-FU	qlxi	fitb				0			0
	BU-FL-DL-LB	qlxh	fitk				0			
	BU-FL-DL-BL	qlxr	fitl				0			
	BU-FL-DL-BR	qlxt	fitm				0		A	
	BU-FL-DL-RB	qlxn	fitn				0			
	BU-FL-DL-RF	qlxp	fito				0			
	BU-FL-DL-FR	qlxj	fitp				0			
	BU-FL-DL-BD	qlxs	fitr				0		L	
	BU-FL-DL-RD	qlxo	fits				0		A	
	BU-FL-DL-DB	qlxw	fitu				0			
	BU-FL-DB-UL	qlwd	fiua				0			
	BU-FL-DB-UR	qlwb	fiuc				0			
	BU-FL-DB-DF	qlwu	fiud				0			
	BU-FL-DB-RU	qlwm	fiug				0			
	BU-FL-DB-LB	qlwh	fiuk				0			
	BU-FL-DB-BL	qlwr	fiul				0			
	BU-FL-DB-BR	qlwt	fium				0			
	BU-FL-DB-RF	qlwp	fiuo				0			
	BU-FL-DB-FR	qlwj	fiup				0			
	BU-FL-DB-LD	qlwg	fiuq	awte tdv ub	U f' D' S' D F S2 U'		9			
	BU-FL-DB-DR	qlwv	fiuv	mgem dndn eh	I D' M D M' D M' D' L'		10			
	BU-FL-DB-FD	qlwk	fiux	akbn wmva jb	U R' U' M' F' M F U R U'		10			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	BU-FL-DR-UL	qlvd	fiva					0		
	BU-FL-DR-UB	qlva	fivb					0		
	BU-FL-DR-DF	qlvu	fivd					0	L	
	BU-FL-DR-LU	qlve	five					0	L	
	BU-FL-DR-RU	qlvm	fivg					0		
	BU-FL-DR-BL	qlvr	fivl					0		
	BU-FL-DR-RB	qlvn	fivn					0		
	BU-FL-DR-RF	qlvp	fivo					0		
	BU-FL-DR-FR	qlvj	fivp					0		
	BU-FL-DR-LD	qlvg	fivq					0	A	
	BU-FL-DR-BD	qlvs	fivr					0	O	
	BU-FL-DR-DB	qlvw	fivu					0		
	BU-FL-FD-UL	qlkd	fixa					0	A	
	BU-FL-FD-DL	qlkx	fixt					0	A	
	BU-LF-UL-UR	qfdb	fjac					0		
	BU-LF-UL-DF	qfdु	fjad	adtb gath ugbhe	U D S' U' L U S' L' S2 L U' L' D'			13		
	BU-LF-UL-RU	qfdm	fjag					0		
	BU-LF-UL-FU	qfdi	fjah					0		
	BU-LF-UL-LB	qfdh	fjak					0		
	BU-LF-UL-BL	qfdr	fjal					0		
	BU-LF-UL-BR	qfdt	fjam					0		
	BU-LF-UL-RB	qfdn	fjan					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-LF-UL-RF	qfdp	fjao				0			
	BU-LF-UL-FR	qfdj	fjap				0			
	BU-LF-UL-LD	qfdg	fjaq				0			
	BU-LF-UL-BD	qfds	fjar				0			
	BU-LF-UL-RD	qfd0	fjas				0			
	BU-LF-UL-DL	qfdx	fjat				0			
	BU-LF-UL-DB	qfdw	fjau				0			
	BU-LF-UL-DR	qfdv	fjav				0			
	BU-LF-UB-LU	qfae	fjbe				0			
	BU-LF-UB-RU	qfam	fjbg				0			
	BU-LF-UB-BR	qfat	fjbm				0		0	
	BU-LF-UB-RB	qfan	fjbn				0			
	BU-LF-UB-RF	qfap	fjbo				0			
	BU-LF-UB-FR	qfaj	fjbp				0			
	BU-LF-UB-RD	qfao	fjbs				0			
	BU-LF-UR-UL	qfdbd	fjca	kawn ambv bj	R' U F' M' U M U' F U' R		10			
	BU-LF-UR-FU	qfb1	fjch				0			
	BU-LF-UR-LB	qfbh	fjck				0			
	BU-LF-UR-BL	qfb1	fjcl				0			
	BU-LF-UR-BR	qfbt	fjcm				0			
	BU-LF-UR-RF	qfbp	fjco				0		0	
	BU-LF-UR-LD	qfbg	fjcq				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-LF-UR-BD	qfbs	fjcr				0			
	BU-LF-UR-RD	qfbo	fjcs				0		0	
	BU-LF-UR-DR	qfbv	fjcv				0			
	BU-LF-UR-FD	qfbk	fjcx	nham bg	I' U M U' L		6			
	BU-LF-DF-UL	qfud	fjda				0			
	BU-LF-DF-LU	qfue	fjde				0			
	BU-LF-DF-RU	qfum	fjdg				0			
	BU-LF-DF-LB	qfuh	fjdk				0			
	BU-LF-DF-BL	qfur	fjdl				0			
	BU-LF-DF-BR	qfut	fjdm				0			
	BU-LF-DF-RB	qfun	fjdn				0			
	BU-LF-DF-RF	qfup	fjdo				0			
	BU-LF-DF-FR	qfuj	fjdپ				0			
	BU-LF-DF-LD	qfug	fjdq				0			
	BU-LF-DF-RD	qfuو	fjds				0			
	BU-LF-DF-DL	qfux	fjdt				0			
	BU-LF-DF-DR	qfuv	fjdv				0			
	BU-LF-LU-FU	qfei	fjeh				0			
	BU-LF-LU-LB	qfeh	fjek				0			
	BU-LF-LU-BL	qfer	fjel				0			
	BU-LF-LU-BR	qfet	fjem				0			
	BU-LF-LU-RB	qfen	fjen				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-LF-LU-RF	qfep	fjeo				0			
	BU-LF-LU-FR	qfej	fjep				0			
	BU-LF-LU-LD	qfeg	fjeq				0		0	
	BU-LF-LU-BD	qfes	fjer				0			
	BU-LF-LU-RD	qfeo	fjes				0			
	BU-LF-LU-DL	qfex	fjet				0		0	
	BU-LF-LU-DB	qfew	fjeu				0			
	BU-LF-LU-DR	qfev	fjev				0			
	BU-LF-RU-UL	qfmd	fjga				0			
	BU-LF-RU-FU	qfmi	fjgh				0			
	BU-LF-RU-LB	qfmh	fjgk				0			
	BU-LF-RU-BR	qfmt	fjgm	bwbk bnaj mava	U' F' U' R' U' M' U R M U F U		12			
	BU-LF-RU-RF	qfmp	fjgo				0			
	BU-LF-RU-FR	qfmj	fjgp				0		0	
	BU-LF-RU-LD	qfmg	fjqq				0			
	BU-LF-RU-BD	qfms	fjgr				0			
	BU-LF-RU-DL	qfmx	fjgt				0			
	BU-LF-RU-DB	qfmw	fjgu				0			
	BU-LF-FU-UL	qfid	fjha				0			
	BU-LF-FU-BL	qfir	fjhl				0			
	BU-LF-FU-RB	qfin	fjhñ				0			
	BU-LF-FU-FR	qfij	fjhþ				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-LF-FU-LD	qfig	fjhq				0			A
	BU-LF-FU-RD	qfio	fjhs				0			
	BU-LF-FU-DL	qfix	fjht				0			
	BU-LF-FU-DB	qfiw	fjhu				0			
	BU-LF-LB-UL	qfhd	fjka				0			
	BU-LF-LB-UR	qfhb	fjkc				0			
	BU-LF-LB-DF	qfhu	fjkd				0			
	BU-LF-LB-LU	qfhe	fjke				0			
	BU-LF-LB-RU	qfhm	fjkg				0			
	BU-LF-LB-FU	qfhi	fjkh				0			
	BU-LF-LB-BR	qfht	fjkm				0			
	BU-LF-LB-RB	qfhn	fjkn				0			
	BU-LF-LB-RF	qfhp	fjko				0			
	BU-LF-LB-FR	qfhj	fjkp				0			
	BU-LF-LB-LD	qfhg	fjkq				0			
	BU-LF-LB-BD	qfhs	fjkr				0			
	BU-LF-LB-RD	qfho	fjks				0			A
	BU-LF-LB-DL	qfhx	fjkt				0			
	BU-LF-LB-DB	qfhw	fjku				0			
	BU-LF-LB-DR	qfhv	fjkv	nbga mbui uga	M' U' L U M U' S2 L2 S2 L U		11			
	BU-LF-BL-UL	qfrd	fjla				0			
	BU-LF-BL-UB	qfra	fjlb				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-LF-BL-UR	qfrb	fjlc				0			
	BU-LF-BL-DF	qfru	fjld				0			
	BU-LF-BL-RU	qfrm	fjlq				0		0	
	BU-LF-BL-BR	qfrt	fjlm				0			
	BU-LF-BL-RB	qfrn	fjln				0		A	
	BU-LF-BL-FR	qfrj	fjlp				0			
	BU-LF-BL-LD	qfrg	fjlq				0		A	
	BU-LF-BL-RD	qfro	fjls				0			
	BU-LF-BL-DL	qfrx	fjlt				0			
	BU-LF-BL-DR	qfrv	fjlv				0		F	
	BU-LF-BR-UL	qftd	fjma				0			
	BU-LF-BR-UR	qftb	fjmc				0			
	BU-LF-BR-DF	qftu	fjmd	awds jtke vb	U F' D S R S' R' D' F U'		10			
	BU-LF-BR-LU	qfte	fjme				0			
	BU-LF-BR-FU	qfti	fjmh				0			
	BU-LF-BR-LB	qfth	fjmk				0			
	BU-LF-BR-RF	qftp	fjmo				0			
	BU-LF-BR-FR	qftj	fjmp				0			
	BU-LF-BR-BD	qfts	fjmr				0			
	BU-LF-BR-RD	qfto	fjms				0			
	BU-LF-BR-DB	qftw	fjmu				0			
	BU-LF-BR-DR	qftv	fjmvt				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-LF-RB-UL	qfnf	fjna				0			
	BU-LF-RB-UR	qfnb	fjnc				0			
	BU-LF-RB-DF	qfnu	fjnd	ejth btas gskd	D' R S' L' U' S' U S L S R' D		12			P
	BU-LF-RB-LU	qfnf	fjne				0			
	BU-LF-RB-BL	qfnr	fjnl				0			
	BU-LF-RB-RF	qfnp	fjno				0			
	BU-LF-RB-FR	qfnj	fjnp				0			O
	BU-LF-RF-UL	qfpd	fjoa				0		L	
	BU-LF-RF-UB	qfpa	fjob				0			
	BU-LF-RF-UR	qfpb	fjoc				0		O	
	BU-LF-RF-DF	qfpu	fjod				0			
	BU-LF-RF-LU	qfpe	fjoe				0			
	BU-LF-RF-FU	qfpi	fjoh				0			
	BU-LF-RF-BD	qfps	fjor				0		O	
	BU-LF-RF-RD	qfpo	fjos				0			
	BU-LF-RF-DL	qfpv	fjot				0			
	BU-LF-RF-DB	qfpw	fjou				0			
	BU-LF-FR-UL	qfjd	fjpa				0			
	BU-LF-FR-UB	qfja	fjpib				0			
	BU-LF-FR-UR	qfjb	fjpc				0			
	BU-LF-FR-DF	qfju	fjpd				0			
	BU-LF-FR-LU	qfje	fjpe				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-LF-FR-RU	qfjm	fjpg				0			
	BU-LF-FR-FU	qfji	fjph				0			
	BU-LF-FR-LB	qfjh	fjpk				0			
	BU-LF-FR-BR	qfjt	fjmp				0			
	BU-LF-FR-LD	qfjg	fjpq				0			
	BU-LF-FR-BD	qfjs	fjpr				0			
	BU-LF-FR-RD	qfjo	fjps				0			
	BU-LF-FR-DL	qfjx	fjpt				0			
	BU-LF-FR-DR	qfjv	fjpv				0			
	BU-LF-LD-UL	qfgd	fjqa				0			
	BU-LF-LD-UB	qfga	fjqb				0			
	BU-LF-LD-UR	qfgb	fjqc				0			
	BU-LF-LD-DF	qfgu	fjqd	vatb gwas bvhw	F U S' U' L F' U S U' F L' F'		12			
	BU-LF-LD-RU	qfgm	fjqg				0			
	BU-LF-LD-LB	qfgh	fjqk				0			
	BU-LF-LD-BR	qfgt	fjqm				0			
	BU-LF-LD-RB	qfgn	fjqn				0			
	BU-LF-LD-BD	qfgs	fjqr				0			
	BU-LF-LD-DR	qfgv	fjqv				0			
	BU-LF-LD-FD	qfgk	fjqx	vdmw nview	F D M F' M' F D' F'		8			
	BU-LF-BD-UL	qfsd	fjra				0			
	BU-LF-BD-UR	qfsb	fjrc				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-LF-BD-DF	qfsu	fjrd	asgs dteh tb	U S L S D S' D' L' S' U'		10			C
	BU-LF-BD-LU	qfse	fjre				0			A
	BU-LF-BD-RU	qfsm	fjrg				0			
	BU-LF-BD-FU	qfsi	fjrh				0			
	BU-LF-BD-BL	qfsr	fjrl				0			
	BU-LF-BD-BR	qfst	fjrm				0			
	BU-LF-BD-RB	qfsn	fjrn				0			
	BU-LF-BD-LD	qfsg	fjrq				0			
	BU-LF-BD-RD	qfso	fjrs				0			
	BU-LF-BD-DL	qfsx	fjrt				0			
	BU-LF-BD-DR	qfsv	fjrv				0			
	BU-LF-RD-UL	qfod	fjsa				0			
	BU-LF-RD-UB	qfoa	fjsb				0			
	BU-LF-RD-UR	qfob	fjsc				0			
	BU-LF-RD-DF	qfou	fjsd				0			F
	BU-LF-RD-LU	qfoe	fjse				0			
	BU-LF-RD-RU	qfom	fjsg				0			
	BU-LF-RD-FU	qfoi	fjsh				0			
	BU-LF-RD-LB	qfoh	fjsk				0			
	BU-LF-RD-BL	qfor	fjsl				0			
	BU-LF-RD-BR	qfot	fjsm				0			
	BU-LF-RD-RB	qfon	fjsn	akpj sktj bq	U R' E R S R' S' R U' 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
	BU-LF-RD-LD	qfog	fjsq	qagf thsg fhbp	u L D2 S' L' S L D2 L' u'		12			
	BU-LF-RD-BD	qfos	fjsr				0		O	
	BU-LF-RD-DL	qfox	fjst				0		A	
	BU-LF-RD-DB	qfow	fjsu				0			
	BU-LF-DL-UL	qfxd	fjta				0			
	BU-LF-DL-UR	qfxb	fjtc				0			
	BU-LF-DL-DF	qfxu	fjtd	vnev nwdw mvmw	F M' D' F M' F' D F' M F M F'		12			
	BU-LF-DL-LU	qfxe	fjte				0			
	BU-LF-DL-RU	qfxm	fjtg				0			
	BU-LF-DL-FU	qfxi	fjth				0			
	BU-LF-DL-LB	qfxh	fjtk				0			
	BU-LF-DL-BL	qfxr	fjtl				0			
	BU-LF-DL-BR	qfxt	fjtm				0			
	BU-LF-DL-RB	qfxn	fjtn	fjev mwnd kf	D2 R D' F M F' M' D R' D2		10			
	BU-LF-DL-RF	qfxp	fjto				0			
	BU-LF-DL-FR	qfxj	fjtp				0			
	BU-LF-DL-BD	qfxs	fjtr				0			
	BU-LF-DL-RD	qfxo	fjts				0			
	BU-LF-DL-DB	qfxw	fjtu				0			
	BU-LF-DL-DR	qfxv	fjtv				0			
	BU-LF-DB-UL	qfwd	fjua				0			
	BU-LF-DB-UB	qfwa	fjub				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		
	BU-LF-DB-UR	qfwb	fjuc					0		
	BU-LF-DB-LU	qfwe	fjue					0		
	BU-LF-DB-RU	qfwm	fjug					0		
	BU-LF-DB-FU	qfwi	fjuh					0		
	BU-LF-DB-LB	qfwh	fjuk	eagt hdsh sgtb	D' U L S' L' D S L' S L S' U'			12		
	BU-LF-DB-BL	qfwr	fjul					0		
	BU-LF-DB-BR	qfwt	fjum					0		
	BU-LF-DB-RB	qfwn	fjun					0		
	BU-LF-DB-RF	qfwp	fjuo					0		
	BU-LF-DB-LD	qfwg	fjuq					0		
	BU-LF-DB-RD	qfwo	fjus					0		
	BU-LF-DB-DL	qfwx	fjut					0		
	BU-LF-DB-DR	qfwv	fjuv					0		
	BU-LF-DR-UL	qfvd	fjva					0		
	BU-LF-DR-UR	qfvb	fjvc					0		
	BU-LF-DR-DF	qfvu	fjvd					0		
	BU-LF-DR-LU	qfve	fjve					0		
	BU-LF-DR-FU	qfvi	fjvh					0		
	BU-LF-DR-BR	qfvt	fjvm					0		
	BU-LF-DR-RB	qfvn	fjvn					0		
	BU-LF-DR-FR	qfvj	fjvp					0		
	BU-LF-DR-BD	qfvs	fjvr					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
	BU-LB-UL-RU	qhdm	fkag					0		A
	BU-LB-UL-FU	qhdi	fkah					0		
	BU-LB-UL-RB	qhdn	fkan					0		A
	BU-LB-UL-FR	qh dj	fkap					0		
	BU-LB-UL-BD	qhds	fkar					0		
	BU-LB-UL-RD	qhdo	fkas					0		O
	BU-LB-UL-DR	qhdv	fkav					0		
	BU-LB-UB-DL	qhax	fkbt					0		O
	BU-LB-UR-UL	qhbd	fkca	vgwn ambv hw	F L F' M' U M U' F L' F'			10		
	BU-LB-UR-DF	qhbu	fkcd					0		
	BU-LB-UR-LU	qhbe	fkce					0		
	BU-LB-UR-FU	qhbi	fkch					0		
	BU-LB-UR-FL	qhbl	fkci					0		
	BU-LB-UR-LF	qhbf	fkcj					0		
	BU-LB-UR-BR	qhbt	fkcm					0		
	BU-LB-UR-RF	qhbp	fkco					0		A
	BU-LB-UR-FR	qhbj	fkcp					0		O
	BU-LB-UR-LD	qhbg	fkcq					0		
	BU-LB-UR-BD	qhbs	fkcr					0		A
	BU-LB-UR-RD	qhbo	fkcs					0		
	BU-LB-UR-DL	qhbx	fkct					0		
	BU-LB-UR-DB	qhbw	fkcu					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
BU-LB-DF-UL	qhud	fkda					0			
BU-LB-DF-LU	qhue	fkde					0			A
BU-LB-DF-FL	qhul	fkdi					0			
BU-LB-DF-LF	qhuf	fkdj					0			
BU-LB-DF-RB	qhun	fkdn					0			A
BU-LB-DF-RD	qhuo	fkds					0			
BU-LB-DF-DL	qhux	fkdt					0			L
BU-LB-DF-DR	qhuv	fkdv					0			
BU-LB-LU-UB	qhea	fkeb					0			
BU-LB-LU-UR	qheb	fkec					0			
BU-LB-LU-DF	qheu	fked					0			
BU-LB-LU-RU	qhem	fkeg					0			
BU-LB-LU-FU	qhei	fkeh					0			
BU-LB-LU-FL	qhel	fkei					0			
BU-LB-LU-LF	qhef	fkej					0			
BU-LB-LU-BR	qhet	fkem					0			
BU-LB-LU-RB	qhen	fken					0			
BU-LB-LU-RF	qhep	fkeo					0			A
BU-LB-LU-FR	qhej	fkep					0			A
BU-LB-LU-LD	qheg	fkeq					0			
BU-LB-LU-BD	qhes	fker					0			
BU-LB-LU-RD	qheo	fkes					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		
	BU-LB-LU-DL	qhex	fket					0		
	BU-LB-LU-DB	qhew	fkeu					0		
	BU-LB-LU-DR	qhev	fkev					0		
	BU-LB-RU-UL	qhmd	fkga					0		
	BU-LB-RU-DF	qhmu	fkgd					0		
	BU-LB-RU-LU	qhme	fkge					0		
	BU-LB-RU-FU	qhmi	fkgh					0		
	BU-LB-RU-FL	qhml	fkgi					0		
	BU-LB-RU-LF	qhmf	fkgj					0		A
	BU-LB-RU-BR	qhmt	fkgm	cksg atbs htjc	U2 R' S L U S' U' S L' S' R U2			12		
	BU-LB-RU-RB	qhmn	fkgn					0		
	BU-LB-RU-RF	qhmp	fkgo					0		
	BU-LB-RU-FR	qhmj	fkgp					0		
	BU-LB-RU-LD	qhmg	fkgq					0		
	BU-LB-RU-BD	qhms	fkgr					0		
	BU-LB-RU-RD	qhmo	fkgss					0		
	BU-LB-RU-DL	qhmx	fkgt					0		
	BU-LB-RU-DB	qhmw	fkgu					0		
	BU-LB-RU-DR	qhmv	fkgv					0		
	BU-LB-FU-UL	qhid	fkha					0		
	BU-LB-FU-UR	qhib	fkhc					0		A
	BU-LB-FU-LU	qhie	fkhе					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		
	BU-LB-FU-RU	qhim	fkhg					0		
	BU-LB-FU-FL	qhil	fkhj					0		
	BU-LB-FU-LF	qhof	fkhj					0		
	BU-LB-FU-BL	qhir	fkhj					0		A
	BU-LB-FU-BR	qhit	fkhm					0		
	BU-LB-FU-RF	qhip	fkhm					0		
	BU-LB-FU-FR	qhij	fkhp					0		
	BU-LB-FU-BD	qhis	fkhv					0		A
	BU-LB-FU-DB	qhiw	fkuh					0		O
	BU-LB-FU-DR	qhiv	fkhv					0		L
	BU-LB-FL-UL	qhld	fkiia					0		
	BU-LB-FL-UR	qhlb	fkiic					0		
	BU-LB-FL-DF	qhlu	fkid					0		O
	BU-LB-FL-LU	qhle	fkie					0		
	BU-LB-FL-RU	qhlm	fkip					0		
	BU-LB-FL-RB	qhln	fkin					0		A
	BU-LB-FL-RF	qhlp	fkiio					0		
	BU-LB-FL-FR	qhlij	fkip					0		
	BU-LB-FL-LD	qhlg	fkiq					0		
	BU-LB-FL-BD	qhls	fkir					0		
	BU-LB-FL-RD	qhlo	fkiis					0		
	BU-LB-FL-DL	qhlx	fkit					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
	BU-LB-FL-DB	qhlw	fkiu				0			
	BU-LB-FL-DR	qhlv	fkiv				0			
	BU-LB-LF-UL	qhfd	fkja				0		A	
	BU-LB-LF-UR	qhfb	fkjc				0			
	BU-LB-LF-LU	qhfe	fkje				0			
	BU-LB-LF-RU	qhfm	fkjg				0			
	BU-LB-LF-FU	qhfi	fkjh				0			
	BU-LB-LF-BR	qhft	fkjm				0			
	BU-LB-LF-RB	qhfn	fkjn				0		A	
	BU-LB-LF-BD	qhfs	fkjr				0			
	BU-LB-LF-RD	qhfo	fkjs				0			
	BU-LB-LF-DL	qhfx	fkjt				0			
	BU-LB-LF-DB	qhfw	fkju				0		A	
	BU-LB-LF-DR	qhfv	fkjv				0		L	
	BU-LB-BR-UL	qhtd	fkma				0			
	BU-LB-BR-UR	qhtb	fkmc	pgsb tahq	E L S U' S' U L' E'		8			
	BU-LB-BR-DF	qhtu	fkmd				0		A	
	BU-LB-BR-LU	qhte	fkme				0		F	
	BU-LB-BR-FU	qhti	fkmh				0		A	
	BU-LB-BR-FL	qhtl	fkmi				0		A	
	BU-LB-BR-LF	qhtf	fkmj				0		F	
	BU-LB-BR-RF	qhtp	fkmo				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
BU-LB-BR-FR	qhtj	fkmp					0			
BU-LB-BR-LD	qhtg	fkmq					0			A
BU-LB-BR-DL	qhtx	fkmt					0			A
BU-LB-BR-DB	qhtw	fkmu					0			
BU-LB-BR-DR	qhtv	fkmv					0			A
BU-LB-RB-UL	qhnd	fkna					0			A
BU-LB-RB-UB	qhna	fknb					0			A
BU-LB-RB-DF	qhnu	fknd					0			A
BU-LB-RB-RU	qhnm	fkng					0			
BU-LB-RB-BL	qhnr	fknl					0			O
BU-LB-RB-RF	qhnp	fkno					0			
BU-LB-RB-FR	qhnj	fknp					0			
BU-LB-RB-LD	qhng	fknq					0			
BU-LB-RB-DL	qhnx	fknnt					0			O
BU-LB-RB-DB	qhnw	fknu					0			
BU-LB-RB-DR	qhnv	fknv					0			
BU-LB-RF-UL	qhpd	fkoa					0			
BU-LB-RF-UR	qhpb	fkoc					0			A
BU-LB-RF-LU	qhpe	fkoe					0			
BU-LB-RF-FU	qhpi	fkok					0			
BU-LB-RF-LF	qhpf	fkoj					0			
BU-LB-RF-BR	qhpt	fkom					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-LB-RF-RB	qhpn	fkon				0			
	BU-LB-RF-LD	qhpg	fkoq				0			
	BU-LB-RF-BD	qhps	fkor				0		A	
	BU-LB-RF-RD	qhpo	fkos				0			
	BU-LB-RF-DL	qhpx	fkot				0			
	BU-LB-FR-UL	qhjd	fkpa				0			
	BU-LB-FR-UR	qhjb	fkpc				0		A	
	BU-LB-FR-DF	qhju	fkpd				0		O	
	BU-LB-FR-RU	qhjm	fkpg	Ibqk sjta pl	R2 U' E' R' S R S' U E R2		10		A	
	BU-LB-FR-FU	qhji	fkph				0			
	BU-LB-FR-FL	qhjl	fkpi				0			
	BU-LB-FR-LF	qhjf	fkpj				0			
	BU-LB-FR-BR	qhjt	fkpm				0			
	BU-LB-FR-LD	qhjg	fkpq				0			
	BU-LB-FR-BD	qhjs	fkpr	gjcm anb hk	L R U2 M U M' U L' R'		9		A	
	BU-LB-FR-DB	qhjw	fkpu				0			
	BU-LB-LD-UL	qhgd	fkqa				0		A	
	BU-LB-LD-UR	qhgb	fkqc				0			
	BU-LB-LD-LU	qhge	fkqe				0		A	
	BU-LB-LD-RU	qhgm	fkqg				0			
	BU-LB-LD-LF	qhgf	fkqj				0			
	BU-LB-LD-BR	qhgt	fkqm				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-LB-LD-BD	qhgs	fkqr	rsjc mbnb ktr	E2 S R U2 M U' M' U' R' S' E2		11			A
	BU-LB-LD-RD	qhgo	fkqs				0			F
	BU-LB-LD-DR	qhgv	fkqv				0			
	BU-LB-BD-UL	qhsd	fkra				0			
	BU-LB-BD-UB	qhsa	fkrb				0			
	BU-LB-BD-DF	qhsu	fkrd				0			A
	BU-LB-BD-FU	qhsi	fkrh				0			A
	BU-LB-BD-FL	qhsl	fkri				0			
	BU-LB-BD-LF	qhsf	fkrj				0			
	BU-LB-BD-BR	qhst	fkrm				0			
	BU-LB-BD-LD	qhsg	fkrq				0			
	BU-LB-BD-RD	qhso	fkrs				0			
	BU-LB-BD-DL	qhsx	fkrt				0		L	
	BU-LB-RD-UL	qhod	fksa				0			F
	BU-LB-RD-UR	qhob	fksc				0			A
	BU-LB-RD-DF	qhou	fksd				0			A
	BU-LB-RD-LU	qhoe	fkse				0			F
	BU-LB-RD-RU	qhom	fksg				0			
	BU-LB-RD-FU	qhoi	fksh				0			A
	BU-LB-RD-FL	qhol	fksi				0			P
	BU-LB-RD-LF	qhof	fksj				0			
	BU-LB-RD-BR	qhot	fksm				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		
	BU-LB-RD-RB	qhon	fksn					0		
	BU-LB-RD-FR	qhoj	fksp					0		
	BU-LB-RD-LD	qhog	fksq					0		F
	BU-LB-RD-DL	qhox	fkst					0		
	BU-LB-DL-UL	qhxd	fkta					0		L
	BU-LB-DL-UR	qhxb	fktc					0		
	BU-LB-DL-DF	qhxu	fktd					0		P
	BU-LB-DL-LU	qhxe	fkte					0		O
	BU-LB-DL-RU	qhxm	fktg					0		A
	BU-LB-DL-FU	qhxi	fkth					0		A
	BU-LB-DL-FL	qhxl	fkti	ugbh sgua uhs	S2 L U' L' S L S2 U S2 L' S			11		
	BU-LB-DL-LF	qhxf	fktj					0		
	BU-LB-DL-BR	qhxt	fktm					0		A
	BU-LB-DL-RB	qhxn	fktn					0		A
	BU-LB-DL-RF	qhxp	fkto					0		
	BU-LB-DL-FR	qhxj	fktp					0		
	BU-LB-DL-BD	qhxs	fktr					0		P
	BU-LB-DL-RD	qhxo	fktts					0		
	BU-LB-DL-DB	qhwx	fktu					0		
	BU-LB-DL-DR	qh xv	fktv					0		
	BU-LB-DB-UL	qhwd	fkua	sehu asbs gdt	S D' L' S2 U S U' S L D S'			11		
	BU-LB-DB-UR	qhwb	fkuc	semh dmeo gdt	S D' M L' D M D' M2 L D S'			11		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-LB-DB-DF	qhwu	fkud	nbgb ncob ha	M' U' L U' M' U2 M2 U' L' U		10			
	BU-LB-DB-LU	qhwe	fkue	dugb tash ue	D S2 L U' S' U S L' S2 D'		10			
	BU-LB-DB-RU	qhwm	fkug	ehua sbs gd	D' L' S2 U S U' S L D		9			A
	BU-LB-DB-FU	qhwi	fkuh				0			
	BU-LB-DB-FL	qhwl	fkui	cwbe shtg advc	U2 F' U' D' S L' S' L U D F U2		12			
	BU-LB-DB-LF	qhwf	fkuj	pwmv nvnw mq	E F' M F M' F M' F' M E'		10			A
	BU-LB-DB-BR	qhwt	fkum	vqow mlvm pwl	F E' M2 F' M R2 F M E F' R2		11			
	BU-LB-DB-RB	qhwn	fkun	jemh dmeo gdk	R D' M L' D M D' M2 L D R'		11			
	BU-LB-DB-RF	qhwp	fkuo				0			A
	BU-LB-DB-FR	qhwj	fkup				0			F
	BU-LB-DB-LD	qhwg	fkuj	dung ambh ue	D S2 M' L U M U' L' S2 D'		10			
	BU-LB-DB-RD	qhwo	fkus	emhd meo gd	D' M L' D M D' M2 L D		9			
	BU-LB-DB-DL	qhwx	fkut	temh dmeo gds	S' D' M L' D M D' M2 L D S		11			
	BU-LB-DB-DR	qhwv	fkuv	pjwm vnv nwmkq	E R F' M F M' F M' F' r' E'		12			
	BU-LB-DR-UL	qhvd	fkva	kqjt asbk pj	R' E' R S' U S U' R' E R		10			
	BU-LB-DR-UR	qhvb	fkvc				0			
	BU-LB-DR-DF	qhvu	fkvd				0			L
	BU-LB-DR-LU	qhve	fkve				0			
	BU-LB-DR-RU	qhvm	fkvg				0			A
	BU-LB-DR-FU	qhvi	fkvh				0			
	BU-LB-DR-FL	qhvl	fkvi				0			
	BU-LB-DR-LF	qhvf	fkvj				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		
	BU-LB-DR-BR	qhvt	fkvm					0		
	BU-LB-DR-RB	qhvn	fkvn					0		
	BU-LB-DR-RF	qhvp	fkvo	kbqk sjta pj	R' U' E' R' S R S' U E R			10		
	BU-LB-DR-FR	qhvj	fkvp					0		
	BU-LB-DR-LD	qhvg	fkvq					0		
	BU-LB-DR-BD	qhvs	fkvr					0		A
	BU-LB-DR-DL	qhvx	fkvt					0		
	BU-LB-DR-DB	qhvw	fkvu	bbtn bsbk wqvj	U' S' U' M' U' S U' R' F' E' F R			12		
	BU-LB-FD-UL	qhkd	fkxa					0		A
	BU-BL-UL-UR	qrdb	flac					0		
	BU-BL-UL-DF	qrdu	flad	hbnt mvkp jwag	L' U' M' S' M F R' E R F' U L			12		
	BU-BL-UL-RU	qrdm	flag					0		O
	BU-BL-UL-FL	qrdl	flai					0		A
	BU-BL-UL-LF	qrdf	flaj					0		
	BU-BL-UL-LB	qrdh	flak					0		A
	BU-BL-UL-BR	qrdt	flam					0		O
	BU-BL-UL-RB	qrdrn	flan					0		O
	BU-BL-UL-RF	qrdrp	flao					0		A
	BU-BL-UL-FR	qrdrj	flap					0		O
	BU-BL-UL-LD	qrdrq	flaq					0		
	BU-BL-UL-BD	qrds	flar					0		O
	BU-BL-UL-RD	qrdo	flas					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
	BU-BL-UL-DL	qrwdx	flat				0		0	
	BU-BL-UL-DB	qrwdw	flau				0		0	
	BU-BL-UL-DR	qrdrv	flav				0		0	
	BU-BL-UB-UR	qrab	flbc				0		0	
	BU-BL-UB-BR	qrat	flbm				0		A	
	BU-BL-UB-RB	qran	flbn				0			
	BU-BL-UB-DL	qrax	flbt				0			
	BU-BL-UR-UL	qrbd	fica	pkvm gwnv hwjq	E R' F I F' M' F L' F' R E'		12		0	
	BU-BL-UR-LU	qrbe	fice				0			
	BU-BL-UR-FL	qrbl	fici				0			
	BU-BL-UR-LF	qrbf	flcj				0			
	BU-BL-UR-BR	qrbt	flcm				0			
	BU-BL-UR-RB	qrbn	flcn				0			
	BU-BL-UR-RF	qrbp	fico				0			
	BU-BL-UR-FR	qrbj	flcp				0			
	BU-BL-UR-BD	qrbs	flcr				0			
	BU-BL-UR-RD	qrbo	fcls				0			
	BU-BL-UR-DL	qrbx	flct	pkvh mwnv gwjq	E R' F L' M F' M' F L F' R E'		12			
	BU-BL-UR-DR	qrby	flcv				0			
	BU-BL-DF-UR	qrub	fldc				0		0	
	BU-BL-DF-FL	qrul	fldi				0			
	BU-BL-DF-LF	qruf	fldj				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
	BU-BL-DF-RB	qrun	fldn				0			
	BU-BL-DF-RF	qrup	fido				0		P	
	BU-BL-DF-FR	qruj	fldp				0		A	
	BU-BL-DF-BD	qrus	fldr				0		O	
	BU-BL-DF-DR	qruv	fldv				0			
	BU-BL-LU-UB	qrea	fleb				0			
	BU-BL-LU-UR	qreb	flec				0		O	
	BU-BL-LU-DF	qreu	fled	awpv namc vbw	U F' E F M' U M U2 F E' F'		11		A	
	BU-BL-LU-FL	qrel	flei				0			
	BU-BL-LU-LB	qreh	flek				0		O	
	BU-BL-LU-BR	qret	flem				0			
	BU-BL-LU-RB	qren	flen				0		P	
	BU-BL-LU-RF	qrep	fleo				0		A	
	BU-BL-LU-FR	qrej	flep				0			
	BU-BL-LU-BD	qres	fler				0		P	
	BU-BL-LU-RD	qreo	fles				0		O	
	BU-BL-LU-DL	qrex	flet				0		O	
	BU-BL-LU-DB	qrew	fieu				0		A	
	BU-BL-LU-DR	qrev	flev				0		A	
	BU-BL-RU-LU	qrme	flge	agbm bnch mbn	U L U' M U' M' U2 L' M U' M'		11			
	BU-BL-RU-FL	qrml	flgi				0		A	
	BU-BL-RU-LF	qrmf	flgj				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-BL-RU-BR	qrmt	flgm	hcjs atbj cg	L' U2 R' S U S' U' R U2 L		10			
	BU-BL-RU-RB	qrmn	flgn				0		0	
	BU-BL-RU-RF	qrmp	flgo				0			
	BU-BL-RU-FR	qrmj	flgp				0			
	BU-BL-RU-LD	qrmg	flgq				0		0	
	BU-BL-RU-DB	qrmw	flgu				0		P	
	BU-BL-FU-UL	qrid	flha				0		0	
	BU-BL-FU-RU	qrim	flhg				0		C	
	BU-BL-FU-FL	qril	flhi				0			
	BU-BL-FU-LB	qrih	flhk				0			
	BU-BL-FU-RF	qrip	flho				0			
	BU-BL-FU-LD	qrig	flhq				0		A	
	BU-BL-FU-BD	qrис	flhr				0		A	
	BU-BL-FL-UL	qrld	flia				0		0	
	BU-BL-FL-DF	qrлу	flid	asgs hdht getb	U S L S L' D L' S' L D' S' U'		12		A	
	BU-BL-FL-LU	qrle	flie				0		C	
	BU-BL-FL-RU	qrим	flig				0		0	
	BU-BL-FL-BR	qrlt	flim				0			
	BU-BL-FL-RF	qrlp	flio				0		0	
	BU-BL-FL-FR	qrlj	flip				0		A	
	BU-BL-FL-LD	qrлg	fliq				0		F	
	BU-BL-FL-BD	qrls	flir				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		
	BU-BL-FL-RD	qrlo	flis					0		
	BU-BL-FL-DL	qrlx	flit					0		0
	BU-BL-FL-DB	qrlw	fliu					0		
	BU-BL-FL-DR	qrlv	fliv					0		0
	BU-BL-LF-UL	qrfd	flja					0		
	BU-BL-LF-UR	qrbf	fljc					0		
	BU-BL-LF-LU	qrfe	flje					0		
	BU-BL-LF-FU	qrfi	fljh					0		0
	BU-BL-LF-BR	qrft	fljm					0		
	BU-BL-LF-RB	qrfn	fljn					0		A
	BU-BL-LF-LD	qrfg	fljq					0		
	BU-BL-LF-BD	qrfs	fljr					0		
	BU-BL-LF-RD	qrfo	fljs					0		
	BU-BL-LF-DL	qrfx	fljt					0		A
	BU-BL-LF-DB	qrfw	flju	aneg thsd mb	U M' D' L S' L' S D M U'		10		A	
	BU-BL-LF-DR	qrfv	fljv					0		
	BU-BL-LB-RD	qrho	flks					0		
	BU-BL-BR-UL	qrtd	flma					0		
	BU-BL-BR-UR	qrtb	flmc					0		
	BU-BL-BR-LU	qrte	flme					0		
	BU-BL-BR-RU	qrtn	flmg					0		A
	BU-BL-BR-FL	qrli	flmi					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		
BU-BL-BR-LF	qrtf		flmj					0		
BU-BL-BR-RF	qrtp		flmo					0		
BU-BL-BR-FR	qrtj		flmp					0		
BU-BL-BR-BD	qrts		flmr					0		
BU-BL-BR-RD	qrto		flms					0		O
BU-BL-BR-DB	qrtw		flmu					0		
BU-BL-BR-DR	qrtv		flmv					0		A
BU-BL-RB-UL	qrnd		flna					0		A
BU-BL-RB-UR	qrnb		flnc					0		
BU-BL-RB-DF	qrnu		find					0		F
BU-BL-RB-LU	qrne		fine					0		
BU-BL-RB-RU	qrnm		flng					0		
BU-BL-RB-FU	qrni		flnh					0		
BU-BL-RB-FL	qrnl		flni					0		
BU-BL-RB-LF	qrnf		flnj					0		A
BU-BL-RB-LB	qrnh		flnk					0		A
BU-BL-RB-FR	qrnj		flnp					0		O
BU-BL-RB-LD	qrng		flnq					0		
BU-BL-RB-BD	qrns		flnr					0		
BU-BL-RB-RD	qrno		flns					0		
BU-BL-RB-DL	qrnx		flnt					0		P
BU-BL-RB-DB	qrnw		flnu					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		
	BU-BL-RB-DR	qrnv	flnv					0		
	BU-BL-RF-UL	qrpd	floa					0		A
	BU-BL-RF-UR	qrpb	floc					0		
	BU-BL-RF-DF	qrpu	flob					0		A
	BU-BL-RF-LU	qrpe	floe					0		
	BU-BL-RF-RU	qrpm	flog					0		
	BU-BL-RF-FU	qrpi	floh					0		A
	BU-BL-RF-FL	qrpl	floi					0		A
	BU-BL-RF-LF	qrpf	floj					0		
	BU-BL-RF-LB	qrph	flok					0		O
	BU-BL-RF-BR	qrpt	fлом					0		C
	BU-BL-RF-RB	qrpn	fлон					0		A
	BU-BL-RF-FR	qrpj	flop					0		A
	BU-BL-RF-LD	qrpg	floq					0		
	BU-BL-RF-BD	qrps	flor					0		C
	BU-BL-RF-RD	qrpo	flos					0		A
	BU-BL-RF-DL	qrpx	flot					0		A
	BU-BL-RF-DB	qrpw	flou					0		O
	BU-BL-RF-DR	qrpv	flov					0		O
	BU-BL-FR-UL	qrjd	flpa					0		O
	BU-BL-FR-UR	qrjb	flpc	hbwa sbvt ag	L' U' F' U S U' F S' U L			10		
	BU-BL-FR-LU	qrje	flpe					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
	BU-BL-FR-RU	qrjm	flpg	chax tgsh xbgc	U2 L' U F2 S' L S L' F2 U' L U2		12			A
	BU-BL-FR-FU	qrji	flph				0			
	BU-BL-FR-FL	qrjl	flpi				0			
	BU-BL-FR-LF	qrjf	flpj				0			
	BU-BL-FR-BR	qrjt	flpm				0		0	
	BU-BL-FR-RB	qrjn	flpn				0		0	
	BU-BL-FR-LD	qrjg	flpq				0		A	
	BU-BL-FR-BD	qrjs	flpr				0			
	BU-BL-FR-RD	qrjo	flps				0			
	BU-BL-FR-DL	qrjx	flpt				0			
	BU-BL-FR-DB	qrjw	flpu				0			
	BU-BL-FR-DR	qrjv	flpv				0		A	
	BU-BL-LD-UL	qrgd	flqa				0			
	BU-BL-LD-UR	qrgb	flqc				0			
	BU-BL-LD-LU	qrge	flqe				0			
	BU-BL-LD-RU	qrgm	flqg				0		A	
	BU-BL-LD-FL	qrgl	flqi				0			
	BU-BL-LD-LF	qrgf	flqj				0			
	BU-BL-LD-BR	qrqt	flqm				0			
	BU-BL-LD-RB	qrgn	flqn				0			
	BU-BL-LD-RF	qrgp	flqo				0			
	BU-BL-LD-FR	qrgj	flqp				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-BL-LD-BD	qrgs	flqr				0			A
	BU-BL-LD-RD	qrgo	flqs				0			
	BU-BL-LD-DB	qrgw	flqu				0			P
	BU-BL-LD-DR	qrgv	flqv	bgsh uhs ga	U' L S L' S2 L' S L U		9			C
	BU-BL-BD-DF	qrsu	fird				0			A
	BU-BL-BD-FU	qrsi	firh				0			A
	BU-BL-BD-FL	qrsl	firi				0			
	BU-BL-BD-LF	qrsf	firj				0			O
	BU-BL-BD-BR	qrst	firm				0			
	BU-BL-BD-RB	qrsn	flrn	qwpv pmwr mvp	E' F' E F E M F' E2 M F E		11			
	BU-BL-BD-FR	qrsj	flrp				0			A
	BU-BL-BD-LD	qrsg	flrq				0			A
	BU-BL-BD-DL	qr sx	firt				0			A
	BU-BL-BD-DR	qr sv	flrv				0			
	BU-BL-RD-UL	qrod	fisa				0			O
	BU-BL-RD-DF	qrou	fisd				0			F
	BU-BL-RD-LU	qroe	fise				0			
	BU-BL-RD-RU	qrom	flsg				0			
	BU-BL-RD-FU	qroi	fish				0			A
	BU-BL-RD-FL	qrol	fisi				0			
	BU-BL-RD-LF	qrof	flsj				0			
	BU-BL-RD-LB	qroh	flsk				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
	BU-BL-RD-BR	qrot	flsm				0			
	BU-BL-RD-RB	qron	flsn				0			
	BU-BL-RD-RF	qrop	flso				0			
	BU-BL-RD-FR	qroj	flsp				0			
	BU-BL-RD-LD	qrog	flsq				0			
	BU-BL-RD-BD	qros	flsr				0			
	BU-BL-RD-DL	qrox	fist				0			
	BU-BL-RD-DB	qrow	flsu	kqvm pwmq wnvj	R' E' F M E F' M E' F' M' F R		12			
	BU-BL-RD-FD	qrok	flsx	ptkv mwnj sq	E S' R' F M F' r S E'		10		A	
	BU-BL-DL-UB	qrxa	fltb				0		O	
	BU-BL-DL-UR	qrxb	fltc				0		A	
	BU-BL-DL-LU	qrxe	flte				0			
	BU-BL-DL-RU	qrxm	fltg				0			
	BU-BL-DL-FU	qrxi	flth				0		O	
	BU-BL-DL-FL	qrxl	flti	ahct guhc gtb	U L' U2 S' L S2 L' U2 L S' U'		11		A	
	BU-BL-DL-LF	qrxf	fltj				0		A	
	BU-BL-DL-BR	qrxt	fltm				0			
	BU-BL-DL-RB	qrxn	fltn				0		C	
	BU-BL-DL-FR	qrxj	fltp				0		O	
	BU-BL-DL-BD	qrxs	fltr				0		A	
	BU-BL-DL-DB	qrwx	fltu				0		F	
	BU-BL-DB-UL	qrwd	flua				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		
	BU-BL-DB-UR	qrwb	fluc					0		
	BU-BL-DB-LU	qrwe	flue					0		
	BU-BL-DB-RU	qrwm	flug					0		A
	BU-BL-DB-FL	qrwl	flui					0		
	BU-BL-DB-LF	qrwf	fluj					0		
	BU-BL-DB-LB	qrwh	fluk					0		A
	BU-BL-DB-BR	qrwt	flum					0		
	BU-BL-DB-RB	qrwn	flun					0		A
	BU-BL-DB-RF	qrwp	fluo					0		
	BU-BL-DB-FR	qrwj	flup					0		O
	BU-BL-DB-LD	qrwg	fluq	aowg thvs ob	U M2 F' L S' L' f M2 U'		10			A
	BU-BL-DB-RD	qrwo	flus				0			
	BU-BL-DB-DL	qrwx	flut	cmbv tgsh wbn	U2 M U' F S' L S L' F' U' M'		11			O
	BU-BL-DB-DR	qrwv	fluv					0		O
	BU-BL-DB-FD	qrwk	flux				0			A
	BU-BL-DR-UL	qrvd	flva	hbgu gsia gbsa	L' U' L S2 L S L2 U L U' S U		12			
	BU-BL-DR-UR	qrvb	flvc	mgat bnam bsnh	I U S' U' M' U M U' S I'		12			
	BU-BL-DR-DF	qrvu	flvd					0		
	BU-BL-DR-LU	qrve	five					0		A
	BU-BL-DR-RU	qrvm	flvg					0		
	BU-BL-DR-FL	qrvl	flvi					0		
	BU-BL-DR-LF	qrvf	flvj					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		
	BU-BL-DR-RB	qrvn	flvn					0		
	BU-BL-DR-RF	qrvp	flvo					0		
	BU-BL-DR-FR	qrvj	flvp					0		
	BU-BL-DR-LD	qrvg	flvq					0		
	BU-BL-DR-BD	qrvs	flvr					0		
	BU-BL-DR-DL	qrvx	flvt					0		
	BU-BL-DR-DB	qrvw	flvu	mwap jpkb rvn	M F' U E R E R' U' E2 F M'			11		
	BU-BR-UL-DF	qtdu	fmad					0		
	BU-BR-UL-RU	qtdm	fmag					0		
	BU-BR-UL-FL	qtdl	fmai					0		
	BU-BR-UL-LF	qtdf	fmaj					0		
	BU-BR-UL-LB	qtdh	fmak					0		
	BU-BR-UL-BL	qtdr	fmal					0		
	BU-BR-UL-FR	qtdj	fmap					0		
	BU-BR-UL-LD	qtdg	fmaq					0		
	BU-BR-UL-BD	qtds	fmar					0		
	BU-BR-UL-RD	qtdo	fmas					0		0
	BU-BR-UL-DL	qtdx	fmat					0		
	BU-BR-UL-DR	qtdv	fnav					0		
	BU-BR-UB-RU	qtam	fmbg					0		0
	BU-BR-UB-LB	qtah	fmbk					0		
	BU-BR-UB-BL	qtar	fmbi					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
	BU-BR-UB-RF	qtap	fmbo				0			
	BU-BR-UB-FR	qtaj	fmbp				0			
	BU-BR-UB-LD	qtag	fmbq				0			
	BU-BR-UB-RD	qtao	fmbs				0		0	
	BU-BR-UB-DL	qtax	fmbt				0		0	
	BU-BR-UR-UL	qtbd	fmca				0		0	
	BU-BR-UR-DF	qtbu	fmcd				0			
	BU-BR-UR-LU	qtbe	fmce				0			
	BU-BR-UR-FU	qtbi	fmch				0			
	BU-BR-UR-FL	qtbl	fmci				0			
	BU-BR-UR-LF	qtbf	fmcj				0			
	BU-BR-UR-LB	qtbh	fmck				0			
	BU-BR-UR-BL	qtbr	fmcl				0			
	BU-BR-UR-RF	qtbp	fmco				0			
	BU-BR-UR-FR	qtbj	fmcp				0			
	BU-BR-UR-LD	qtbg	fmcq				0			
	BU-BR-UR-BD	qtbs	fmcr				0			
	BU-BR-UR-RD	qtbo	fmcs				0			
	BU-BR-UR-DL	qtbx	fmc t	nhow gamb kdsj	I' E F' L U M U' R' D S R		12			
	BU-BR-UR-DB	qtbw	fmc u				0			
	BU-BR-UR-DR	qtbv	fmc v				0			
	BU-BR-UR-FD	qtbk	fmc x				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-BR-DF-UL	qtud	fmda				0			
	BU-BR-DF-UR	qtub	fmdc				0			
	BU-BR-DF-LU	qtue	fmde				0			
	BU-BR-DF-RU	qtum	fmdg				0			
	BU-BR-DF-FL	qtul	fmdi	wmvn wqvp	F' M F M' F' E' F E		8			
	BU-BR-DF-LF	qtuf	fmdj				0			
	BU-BR-DF-LB	qtuh	fmdk				0			
	BU-BR-DF-BL	qtur	fmdl				0			
	BU-BR-DF-RF	qtup	fmdo				0			
	BU-BR-DF-FR	qtuj	fmdp				0			
	BU-BR-DF-LD	qtug	fmdq				0			
	BU-BR-DF-BD	qtus	fmdr				0			
	BU-BR-DF-RD	qtuo	fmds				0			
	BU-BR-DF-DL	qtux	fmdt				0			
	BU-BR-DF-DB	qtuw	fmdu				0			
	BU-BR-DF-DR	qtuv	fmdv				0		A	
	BU-BR-LU-UR	qteb	fme c				0			
	BU-BR-LU-DF	qteu	fmed				0			
	BU-BR-LU-RU	qtem	fmeg				0			
	BU-BR-LU-FL	qtel	fme i				0			
	BU-BR-LU-LF	qtef	fme j				0			
	BU-BR-LU-LB	qteh	fmek				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
	BU-BR-LU-BL	qter	fmel				0			
	BU-BR-LU-RF	qtep	fmeo				0			
	BU-BR-LU-FR	qtej	fmepe				0			
	BU-BR-LU-LD	qteg	fmeq	ktau bjbj tka	R' S' U S2 U' R U' R S' R' U		11			
	BU-BR-LU-BD	qtes	fmer				0			A
	BU-BR-LU-RD	qteo	fmes				0			
	BU-BR-LU-DB	qtew	fmeu				0			
	BU-BR-LU-DR	qtev	fmev				0			
	BU-BR-RU-UL	qtmd	fmga				0			
	BU-BR-RU-DF	qtmu	fmgd				0			
	BU-BR-RU-LU	qtme	fmge				0			
	BU-BR-RU-FU	qtmi	fmgh				0			O
	BU-BR-RU-FL	qtml	fmgi				0			
	BU-BR-RU-LF	qtmf	fmgj				0			
	BU-BR-RU-LB	qtmh	fmgk	akpj psjt kbkrj	U R' E R E S R S' R' U' R' E2 R		13			P
	BU-BR-RU-BL	qtmr	fmgl				0			P
	BU-BR-RU-RF	qtmp	fmgo				0			
	BU-BR-RU-FR	qtmj	fmgp				0			
	BU-BR-RU-LD	qtmg	fmgq				0			
	BU-BR-RU-BD	qtms	fmgr				0			
	BU-BR-RU-RD	qtmo	fmgs				0			
	BU-BR-RU-DL	qtmx	fmgt				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
BU-BR-RU-DB	qtmw	fmgu					0			
BU-BR-RU-DR	qtmv	fmgv					0			P
BU-BR-FU-UL	qtid	fmha					0			
BU-BR-FU-UR	qtib	fmhc					0			
BU-BR-FU-RU	qtim	fmhg					0			C
BU-BR-FU-FL	qtii	fmhi					0			
BU-BR-FU-LF	qtif	fmhj					0			
BU-BR-FU-LB	qtih	fmhk					0			O
BU-BR-FU-BL	qtir	fmhl					0			C
BU-BR-FU-RF	qtip	fmho					0			
BU-BR-FU-FR	qtij	fmhp					0			
BU-BR-FU-LD	qtig	fmhq					0			
BU-BR-FU-BD	qtis	fmhr					0			A
BU-BR-FU-RD	qtio	fmhs					0			F
BU-BR-FU-DL	qtix	fmht					0			
BU-BR-FU-DB	qtiw	fmhu					0			
BU-BR-FU-DR	qtiv	fmhv					0			
BU-BR-FL-UL	qtlid	fmia					0			
BU-BR-FL-UR	qtlb	fmic					0			
BU-BR-FL-DF	qtlu	fmid					0			O
BU-BR-FL-LU	qtle	fmie					0			
BU-BR-FL-RU	qtlm	fmig					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		
BU-BR-FL-FU	qtl <i>i</i>		fmih					0		
BU-BR-FL-LB	qtl <i>h</i>		fmik					0		
BU-BR-FL-BL	qtl <i>r</i>		fmil					0		
BU-BR-FL-RB	qtl <i>n</i>		fmin					0		
BU-BR-FL-FR	qtl <i>j</i>		fmip					0		
BU-BR-FL-LD	qtl <i>g</i>		fmiq					0		
BU-BR-FL-RD	qtl <i>o</i>		fmis					0		
BU-BR-FL-DL	qtl <i>x</i>		fmit					0		
BU-BR-FL-DB	qtl <i>w</i>		fmiu					0		
BU-BR-LF-UL	qtf <i>d</i>		fmja					0		
BU-BR-LF-UB	qtf <i>a</i>		fmjb					0		
BU-BR-LF-UR	qtf <i>b</i>		fmjc					0		
BU-BR-LF-DF	qtf <i>u</i>		fmjd					0		
BU-BR-LF-LU	qtf <i>e</i>		fmje					0		
BU-BR-LF-RU	qtf <i>m</i>		fmjg					0		
BU-BR-LF-FU	qtf <i>i</i>		fmjh					0		
BU-BR-LF-LB	qtf <i>h</i>		fmjk					0		
BU-BR-LF-BL	qtf <i>r</i>		fmjl					0		
BU-BR-LF-FR	qtf <i>j</i>		fmjp					0		
BU-BR-LF-LD	qtf <i>g</i>		fmjq					0		
BU-BR-LF-BD	qtf <i>s</i>		fmjr					0		
BU-BR-LF-RD	qtf <i>o</i>		fmjs					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		
BU-BR-LF-DL	qtfx		fmjt					0		
BU-BR-LF-DB	qtfw		fmju					0		
BU-BR-LF-DR	qtfv		fmjv					0		
BU-BR-LB-UB	qtha		fmkb					0		
BU-BR-LB-LU	qthe		fmke					0		
BU-BR-LB-LF	qthf		fmkj					0		
BU-BR-LB-RF	qthp		fmko					0		
BU-BR-LB-BD	qths		fmkr					0		
BU-BR-LB-DL	qthx		fmkt					0		
BU-BR-LB-DR	qthv		fmkv					0		
BU-BR-BL-UL	qtrd		fmla					0		
BU-BR-BL-UR	qtrb		fmlc					0		
BU-BR-BL-LU	qtre		fml e					0		
BU-BR-BL-RU	qtrm		fmlg					0		
BU-BR-BL-FL	qtrl		fml i					0		
BU-BR-BL-LF	qtrf		fml j					0		
BU-BR-BL-RF	qtrp		fml o					0		
BU-BR-BL-FR	qtrj		fml p					0		
BU-BR-BL-LD	qtrg		fml q					0		o
BU-BR-BL-BD	qtrs		fml r					0		p
BU-BR-BL-DL	qtrx		fml t					0		c
BU-BR-RF-UL	qtpd		fmoa					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
	BU-BR-RF-UR	qtpb	fmoc				0			0
	BU-BR-RF-LU	qtpe	fmoe				0			0
	BU-BR-RF-RU	qtpm	fmog				0			0
	BU-BR-RF-FU	qtpi	fmoh				0			0
	BU-BR-RF-FL	qtpl	fmoi				0			0
	BU-BR-RF-LF	qtpf	fmoj				0			0
	BU-BR-RF-LB	qtpb	fmok				0			0
	BU-BR-RF-BL	qtpb	fmol				0			A
	BU-BR-RF-FR	qtpj	fmop				0			0
	BU-BR-RF-LD	qtpg	fmoq				0			0
	BU-BR-RF-BD	qtps	fmor				0			0
	BU-BR-RF-RD	qtpo	fmos				0			0
	BU-BR-RF-DL	qtpx	fmot				0			0
	BU-BR-RF-DB	qtpw	fmou				0			0
	BU-BR-RF-DR	qtpv	fmov				0			A
	BU-BR-FR-UL	qtjd	fmpa				0			A
	BU-BR-FR-UR	qtjb	fmpc	atjs kakt jbsb	U S' R S R' U R' S' R U' S U'		12			0
	BU-BR-FR-DF	qtju	fmpd				0			0
	BU-BR-FR-LU	qtje	fmpe				0			0
	BU-BR-FR-RU	qtjm	fmpg				0			0
	BU-BR-FR-FU	qtji	fmph				0			0
	BU-BR-FR-FL	qtjl	fmpi				0			0

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		O
	BU-BR-FR-LF	qtjf	fmpj				0			O
	BU-BR-FR-LB	qtjh	fmpk				0			O
	BU-BR-FR-BL	qtjr	fmpl				0		C	A
	BU-BR-FR-LD	qtjg	fmpq				0		A	A
	BU-BR-FR-BD	qtjs	fmpr				0		A	A
	BU-BR-FR-RD	qtjo	fmps				0		O	O
	BU-BR-FR-DL	qtjx	fmpt				0		O	O
	BU-BR-FR-DB	qtjw	fmpu				0		O	O
	BU-BR-FR-DR	qtjv	fmpv				0		O	O
	BU-BR-LD-UL	qtgd	fmqa				0		O	O
	BU-BR-LD-UR	qtgb	fmqc				0		O	O
	BU-BR-LD-DF	qtgu	fmqd				0		O	O
	BU-BR-LD-LU	qtge	fmqe				0		O	O
	BU-BR-LD-RU	qtgm	fmqg				0		O	O
	BU-BR-LD-FL	qtgl	fmqi				0		O	O
	BU-BR-LD-LF	qtgf	fmqj	bphq gcht gsb	u' L' E' L U2 L' S' L S U'		11		O	O
	BU-BR-LD-LB	qtgh	fmqk				0		O	O
	BU-BR-LD-BL	qtgr	fmql				0		O	O
	BU-BR-LD-RF	qtgp	fmqo				0		O	O
	BU-BR-LD-FR	qtgj	fmqp	kftb tau fj	R' D2 S' U' S' U S2 D2 R		9		O	O
	BU-BR-LD-BD	qtgs	fmqr				0		A	A
	BU-BR-LD-RD	qtgo	fmqs				0		A	A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		P
BU-BR-LD-DB	qtgw	fmqu					0			
BU-BR-LD-DR	qtgv	fmqv					0			
BU-BR-BD-UL	qtsd	fmra					0			
BU-BR-BD-UR	qtsb	fmrc					0		0	
BU-BR-BD-DF	qtsu	fmrд					0		A	
BU-BR-BD-LU	qtse	fmre					0			
BU-BR-BD-FU	qtsi	fmrh					0			
BU-BR-BD-FL	qtsl	fmri					0		0	
BU-BR-BD-LF	qtsf	fmrj					0		A	
BU-BR-BD-LB	qtsh	fmrk					0		0	
BU-BR-BD-BL	qtsr	fmrl					0		A	
BU-BR-BD-RF	qtsp	fmro					0			
BU-BR-BD-LD	qtsg	fmrq					0			
BU-BR-BD-DL	qtsx	fmrt					0			
BU-BR-RD-UL	qtod	fmsa					0			
BU-BR-RD-UR	qtob	fmsc					0			
BU-BR-RD-LU	qtoe	fmse					0			
BU-BR-RD-RU	qtom	fmsg					0			
BU-BR-RD-FL	qtol	fmsi					0			
BU-BR-RD-LF	qtof	fmsj					0			
BU-BR-RD-RF	qtop	fmso					0			
BU-BR-RD-LD	qtog	fmsq					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		
BU-BR-RD-DL	qtox	fmst					0			
BU-BR-RD-DB	qtow	fmsu					0		0	
BU-BR-DL-UL	qtxd	fmta					0			
BU-BR-DL-UR	qtxb	fmtc					0		A	
BU-BR-DL-DF	qtxu	fmtd					0			
BU-BR-DL-LU	qtxe	fmte					0		0	
BU-BR-DL-RU	qtxm	fmtg					0			
BU-BR-DL-FU	qtxi	fmth					0		0	
BU-BR-DL-FL	qtxl	fmti					0		A	
BU-BR-DL-LF	qtxf	fmtj					0			
BU-BR-DL-BL	qtxr	fmtl					0			
BU-BR-DL-RF	qtxp	fmto					0		0	
BU-BR-DL-FR	qtxj	fmtp					0		0	
BU-BR-DL-BD	qtxs	fmtr					0			
BU-BR-DL-RD	qtxo	fmts					0		A	
BU-BR-DL-DB	qtxw	fmtu					0		0	
BU-BR-DL-DR	qtxv	fmtv					0			
BU-BR-DB-DF	qtwu	fmud					0			
BU-BR-DB-FL	qtwl	fmui					0			
BU-BR-DB-LF	qtwf	fmuj					0			
BU-BR-DB-LB	qtwh	fmuk					0			
BU-BR-DB-BL	qtwr	fmul					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-BR-DB-RF	qtwp	fmuo				0			A
	BU-BR-DB-FR	qtwj	fmup				0			A
	BU-BR-DB-LD	qtwg	fmuq	fbwk sjvt fa	D2 U' F' R' S R F S' D2 U		10			
	BU-BR-DB-DL	qtwx	fmut	jmat esbn dk	R M U S' D' S U' M' D R'		10			A
	BU-BR-DB-DR	qtwv	fmuv				0			
	BU-BR-DR-UL	qtvd	fmva	jawb tavs bk	R U F' U' S' U f U' R'		10			
	BU-BR-DR-UR	qtvb	fmvc	sbtb sbtc jta	S U' R' U' S U' S' U2 R S' U		11			
	BU-BR-DR-DF	qtvu	fmvd				0			L
	BU-BR-DR-LU	qtve	fmve				0			A
	BU-BR-DR-RU	qtvm	fmvg				0			A
	BU-BR-DR-FU	qtvi	fmvh				0			
	BU-BR-DR-FL	qtvl	fmvi				0			
	BU-BR-DR-LF	qtvf	fmvj				0			O
	BU-BR-DR-LB	qtvh	fmvk				0			
	BU-BR-DR-BL	qtvr	fmvl				0			
	BU-BR-DR-FR	qtvj	fmvp				0			
	BU-BR-DR-LD	qtvg	fmvq				0			
	BU-BR-DR-BD	qtvs	fmvr				0			O
	BU-RB-UL-UB	qnda	fnab				0			
	BU-RB-UL-UR	qndb	fnac				0			
	BU-RB-UL-DF	qndu	fnad				0			
	BU-RB-UL-RU	qndm	fnag				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		
	BU-RB-UL-FU	qndi	fnah					0		
	BU-RB-UL-FL	qndl	fnai					0		
	BU-RB-UL-LF	qndf	fnaj					0		
	BU-RB-UL-LB	qndh	fnak					0		
	BU-RB-UL-BL	qndr	fnal					0		F
	BU-RB-UL-RF	qndp	fnao					0		
	BU-RB-UL-FR	qndj	fnap					0		
	BU-RB-UL-BD	qnds	fnar					0		
	BU-RB-UL-RD	qndo	fnas					0		
	BU-RB-UL-DL	qndx	fnat					0		A
	BU-RB-UL-DB	qndw	fnau					0		
	BU-RB-UL-DR	qndv	fnav					0		
	BU-RB-UL-FD	qndk	fnax	knbm aj	R' M' U' M U R		6			
	BU-RB-UB-LB	qnah	fnbk					0		O
	BU-RB-UB-FR	qnaj	fnpb					0		
	BU-RB-UB-LD	qnag	fnbq					0		C
	BU-RB-UB-RD	qnao	fnbs					0		O
	BU-RB-UB-DL	qnax	fnbt					0		F
	BU-RB-UB-DB	qnaw	fnbu					0		
	BU-RB-UB-DR	qnav	fnbv					0		A
	BU-RB-UR-UL	qnbd	fnca					0		A
	BU-RB-UR-UB	qnba	fncb					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		
	BU-RB-UR-DF	qnbu	fncd					0		
	BU-RB-UR-LU	qnbe	fnce					0		A
	BU-RB-UR-FU	qnbi	fnch					0		P
	BU-RB-UR-FL	qnbl	fnci					0		O
	BU-RB-UR-LF	qnbf	fncj					0		
	BU-RB-UR-LB	qnbh	fnck					0		
	BU-RB-UR-BL	qnbr	fncl					0		
	BU-RB-UR-RF	qnbp	fnco					0		A
	BU-RB-UR-FR	qnbj	fncp					0		
	BU-RB-UR-LD	qnbg	fncq					0		
	BU-RB-UR-BD	qnbs	fncr					0		O
	BU-RB-UR-RD	qnbo	fncs					0		A
	BU-RB-UR-DL	qnbx	fnct	bsaj bsku jak	U' S U R U' S R' S2 R U R'		11			
	BU-RB-UR-DB	qnbw	fncu					0		A
	BU-RB-UR-DR	qnbv	fncv					0		C
	BU-RB-DF-UL	qnud	fnda					0		O
	BU-RB-DF-UB	qnua	fndb					0		
	BU-RB-DF-UR	qnub	fndc					0		
	BU-RB-DF-LU	qnue	fnde					0		
	BU-RB-DF-RU	qnum	fndg					0		A
	BU-RB-DF-FL	qnul	fndi					0		O
	BU-RB-DF-LF	qnuf	fndj					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		
	BU-RB-DF-LB	qnuh	fndk					0		
	BU-RB-DF-BL	qnur	fnl					0		A
	BU-RB-DF-RF	qnup	fnndo					0		
	BU-RB-DF-FR	qnuj	fndp					0		
	BU-RB-DF-BD	qnus	fnldr					0		
	BU-RB-DF-RD	qnuo	fnuds					0		O
	BU-RB-DF-DL	qnux	fndt					0		
	BU-RB-DF-DR	qnuv	fndv					0		
	BU-RB-LU-FL	qnel	fnei					0		
	BU-RB-LU-LF	qnef	fnej	lpjc tbsb kql	R2 E R U2 S' U' S U' R' E' R2			11		
	BU-RB-LU-LB	qneh	fnek					0		A
	BU-RB-LU-BL	qner	fnel					0		O
	BU-RB-LU-RF	qnep	fneo					0		A
	BU-RB-LU-LD	qneg	fneq					0		A
	BU-RB-LU-BD	qnes	fner					0		
	BU-RB-LU-DB	qnew	fneu					0		
	BU-RB-RU-UL	qnmd	fnga					0		
	BU-RB-RU-DF	qnmu	fngd					0		F
	BU-RB-RU-LU	qnme	fnge					0		
	BU-RB-RU-FL	qnml	fngi					0		O
	BU-RB-RU-LF	qnmf	fngj					0		
	BU-RB-RU-LB	qnmh	fngk					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
	BU-RB-RU-BL	qnmr	fngl				0			
	BU-RB-RU-RF	qnmp	fngo				0			A
	BU-RB-RU-FR	qnmj	fngp				0			
	BU-RB-RU-RD	qnmo	fngs				0			O
	BU-RB-RU-DL	qnmx	fngt				0			
	BU-RB-FU-UL	qnid	fnha				0			
	BU-RB-FU-UR	qnib	fnhc				0			
	BU-RB-FU-LU	qnie	fnhe				0			
	BU-RB-FU-RU	qnim	fnhg				0			
	BU-RB-FU-FL	qnii	fnhi				0			F
	BU-RB-FU-LF	qnif	fnhj				0			
	BU-RB-FU-LB	qnih	fnhk				0			A
	BU-RB-FU-BL	qnir	fnhl				0			F
	BU-RB-FU-RD	qnio	fnhs				0			A
	BU-RB-FU-DR	qniv	fnhv				0			
	BU-RB-FL-UL	qnld	fnia				0			
	BU-RB-FL-DF	qnlu	fnid				0			
	BU-RB-FL-LU	qnle	fnie	xgcq vpwc hx	F2 L U2 E' F E F' U2 L' F2		10			
	BU-RB-FL-LB	qnlh	fnik				0			F
	BU-RB-FL-RF	qnlp	fnio				0			
	BU-RB-FL-RD	qnlo	fnis				0			
	BU-RB-FL-DL	qnlx	fnit				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		F
	BU-RB-FL-DR	qnlv	fniv				0			
	BU-RB-LF-UL	qnfd	fnja				0			
	BU-RB-LF-UB	qnfa	fnjb				0			A
	BU-RB-LF-UR	qnfb	fnjc				0			P
	BU-RB-LF-DF	qnfu	fnjd				0			A
	BU-RB-LF-LU	qnfe	fnje				0			
	BU-RB-LF-LB	qnfh	fnjk				0			F
	BU-RB-LF-BL	qnfr	fnjl				0			F
	BU-RB-LF-RF	qnfp	fnjo				0			
	BU-RB-LF-FR	qnfj	fnjp				0			F
	BU-RB-LF-LD	qnfg	fnjq				0			
	BU-RB-LF-BD	qnfs	fnjr				0			
	BU-RB-LF-DL	qnfx	fnjt				0			O
	BU-RB-LF-DB	qnfw	fnju				0			
	BU-RB-LB-UL	qnhd	fnka				0			
	BU-RB-LB-UB	qnha	fnkb				0			
	BU-RB-LB-UR	qnhb	fnkc				0			
	BU-RB-LB-RU	qnhm	fnkg				0			
	BU-RB-LB-FL	qnhl	fnki				0			
	BU-RB-LB-LF	qnhf	fnkj				0			P
	BU-RB-LB-FR	qnhj	fnkp	wqxc vrwc qw	F' E' F2 U2 F E2 F' U2 E' F'		10			
	BU-RB-LB-BD	qnhs	fnkr				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		
	BU-RB-LB-DL	qnhx	fnkt					0		
	BU-RB-LB-DB	qnhw	fnku					0		
	BU-RB-LB-DR	qnhv	fnkv	kpha sbtg qj	R' E L' U S U' S' L E' R			10		
	BU-RB-BL-UB	qnra	fnlb					0		
	BU-RB-BL-LU	qnre	fnle	opdh sgte qo	M2 d L' S L S' d' M2			10		
	BU-RB-BL-RU	qnrm	fnlg					0		A
	BU-RB-BL-FL	qnrl	fnli					0		A
	BU-RB-BL-LF	qnrf	fnlj					0		F
	BU-RB-BL-FR	qnrg	fnlp					0		
	BU-RB-BL-LD	qnrg	fnlq					0		A
	BU-RB-BL-RD	qnro	fnls					0		
	BU-RB-BL-DR	qnrv	fnlv					0		
	BU-RB-BR-FU	qnti	fnmh					0		
	BU-RB-RF-UL	qnpd	fnoa					0		
	BU-RB-RF-UR	qnpb	fnoc					0		
	BU-RB-RF-DF	qnpu	fnod					0		
	BU-RB-RF-LU	qnpe	fnoe					0		
	BU-RB-RF-RU	qnpm	fnog					0		P
	BU-RB-RF-FL	qnpl	fnoi					0		
	BU-RB-RF-LF	qnpf	fnoj					0		
	BU-RB-RF-LB	qnph	fnok					0		F
	BU-RB-RF-BL	qnpr	fnol					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
BU-RB-RF-LD	qnpq		fnoq				0			
BU-RB-RF-BD	qnps		fnor				0			
BU-RB-RF-RD	qnpo		fnos				0			
BU-RB-RF-DB	qnpw		fnou				0			
BU-RB-RF-DR	qnpv		fnov				0		F	
BU-RB-FR-UL	qnjd		fnpa				0			
BU-RB-FR-UR	qnjb		fnpc				0		O	
BU-RB-FR-DF	qnju		fnpd				0		O	
BU-RB-FR-LU	qnje		fnpe				0		F	
BU-RB-FR-RU	qnjm		fnpq				0		P	
BU-RB-FR-FU	qnji		fnph				0			
BU-RB-FR-FL	qnjl		fnpf				0			
BU-RB-FR-LF	qnjf		fnpj				0		O	
BU-RB-FR-LB	qnjh		fnpk				0		F	
BU-RB-FR-BL	qnjr		fnpn				0		C	
BU-RB-FR-LD	qnjg		fnpq				0			
BU-RB-FR-BD	qnjs		fnpr				0		A	
BU-RB-FR-RD	qnjo		fnps				0		F	
BU-RB-FR-DL	qnjx		fnpt				0			
BU-RB-FR-DB	qnjw		fnpu				0			
BU-RB-FR-DR	qnjv		fnpv				0		A	
BU-RB-LD-UR	qngb		fnqc				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		
BU-RB-LD-RU	qngm		fnqg				0			
BU-RB-LD-FU	qngi		fnqh				0		A	
BU-RB-LD-FL	qngl		fnqi				0			
BU-RB-LD-RF	qngp		fnqo				0		A	
BU-RB-LD-FR	qngj		fnqp				0		P	
BU-RB-LD-DR	qngv		fnqv				0			
BU-RB-BD-UL	qnsd		fnra				0			
BU-RB-BD-UR	qnsb		fnrc				0		A	
BU-RB-BD-DF	qnsu		fnrd				0		O	
BU-RB-BD-LU	qnse		fnre				0			
BU-RB-BD-FU	qnsi		fnrh				0		A	
BU-RB-BD-FL	qnsl		fnri				0			
BU-RB-BD-LF	qnsf		fnrj				0			
BU-RB-BD-LB	qnsh		fnrk				0		O	
BU-RB-BD-BL	qnsr		fnrl				0			
BU-RB-BD-RF	qnsn		fnro				0		O	
BU-RB-BD-FR	qnsj		fnrp				0		L	
BU-RB-BD-LD	qnsq		fnrq				0			
BU-RB-BD-DL	qnsx		fnrt				0			
BU-RB-RD-UL	qnod		fnsa				0			
BU-RB-RD-UB	qnoa		fnsb				0			
BU-RB-RD-DF	qnou		fnsd				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		
	BU-RB-RD-LU	qnoe	fnse					0		
	BU-RB-RD-RU	qnom	fnsg	lwlb salv btal	R2 F' R2 U' S U R2 F U' S' U R2			12		
	BU-RB-RD-FU	qnoi	fnsh					0		
	BU-RB-RD-FL	qnol	fnsi					0		0
	BU-RB-RD-LF	qnof	fnsj					0		
	BU-RB-RD-RF	qnop	fnsn					0		
	BU-RB-RD-LD	qnog	fnsq					0		L
	BU-RB-RD-BD	qnos	fnsr					0		
	BU-RB-RD-DL	qnox	fnsn					0		
	BU-RB-RD-DB	qnow	fnsu					0		
	BU-RB-DL-UL	qnxn	fnta					0		
	BU-RB-DL-UR	qnxn	fntc					0		
	BU-RB-DL-DF	qnxu	fntd	avgt hsgp hqwb	U F L S' L' S L E L' E' F' U'			12		
	BU-RB-DL-LU	qnxn	fnte					0		0
	BU-RB-DL-FU	qnxn	fnth					0		
	BU-RB-DL-FL	qnxl	fnti					0		F
	BU-RB-DL-LF	qnxn	fntj					0		
	BU-RB-DL-LB	qnxn	fntk					0		A
	BU-RB-DL-RD	qnxo	fnts					0		F
	BU-RB-DL-DR	qnxv	fntv					0		
	BU-RB-DB-UL	qnwd	fnua					0		
	BU-RB-DB-UB	qnwa	fnub					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		
	BU-RB-DB-UR	qnwb	fnuc					0		
	BU-RB-DB-LU	qnwe	fnue					0		
	BU-RB-DB-RU	qnwm	fnug					0		
	BU-RB-DB-FU	qnwi	fnuh					0		
	BU-RB-DB-FL	qnwl	fnui					0		
	BU-RB-DB-LF	qnwf	fnuj					0		
	BU-RB-DB-RF	qnwp	fnuo					0		0
	BU-RB-DB-LD	qnwg	fnuq	djme mdk oe	D R M D' M D R' M2 D'			9		
	BU-RB-DB-RD	qnwo	fnus					0		
	BU-RB-DB-DL	qnwx	fnut	vdbj skek tjaw	F D U' R S R' D' R' S' R U F'			12		0
	BU-RB-DB-DR	qnwv	fnuv					0		
	BU-RB-DR-UL	qnvd	fnva	tdne ktju hqg	S' D M' D' R' S' R S2 L' E' L			11		
	BU-RB-DR-UR	qnvb	fnvc					0		
	BU-RB-DR-DF	qnvu	fnvd	cvgb tktj uahwc	U2 F L U' S' R' S' R S2 U L' F' U2			13		L
	BU-RB-DR-LU	qnve	fnve					0		
	BU-RB-DR-RU	qnvm	fnvg					0		
	BU-RB-DR-FU	qnvi	fnvh					0		
	BU-RB-DR-FL	qnvl	fnvi					0		
	BU-RB-DR-LF	qnvf	fnvj					0		
	BU-RB-DR-LB	qnvh	fnvk					0		
	BU-RB-DR-FR	qnvj	fnvp					0		
	BU-RB-DR-LD	qnvg	fnvq					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		
	BU-RB-DR-DL	qnvx	fnvt					0		
	BU-RB-DR-DB	qnvw	fnvu					0		
	BU-RB-FD-UL	qnkd	fnxa					0		A
	BU-RF-UL-UB	qpda	foab					0		
	BU-RF-UL-FL	qpdl	foai					0		
	BU-RF-UL-LF	qpdf	foaj					0		
	BU-RF-UL-LB	qpdh	foak					0		
	BU-RF-UL-BL	qpdr	foal	whwh vgvj ak	F' L' F' L' F L F R U R'			10		
	BU-RF-UL-BR	qpdt	foam					0		
	BU-RF-UL-RB	qpdn	foan					0		
	BU-RF-UL-FR	qpdj	foap					0		
	BU-RF-UL-LD	qpdg	foaq					0		
	BU-RF-UL-BD	qpds	foar					0		0
	BU-RF-UL-RD	qpdo	foas					0		
	BU-RF-UL-DR	qpdv	foav					0		
	BU-RF-UL-FD	qpdk	foax	njbm ak	r U' M U R'			6		
	BU-RF-UB-FL	qpal	fobi					0		
	BU-RF-UB-LF	qraf	fobj					0		
	BU-RF-UB-RB	qpan	fobn					0		A
	BU-RF-UB-BD	qpas	fobr					0		
	BU-RF-UB-RD	qpao	fobs					0		
	BU-RF-UR-UL	qpbd	foca					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-RF-UR-FL	qpbl	foci	xkvl hanb kbm gx	F2 R' F R2 L' U M' U' R' U' I F2		13			
	BU-RF-UR-LF	qpbf	focj	gcjb satk ch	L U2 R U' S U S' R' U2 L'		10		A	
	BU-RF-UR-LB	qpbh	fock				0		0	
	BU-RF-UR-BR	qpbt	focm				0			
	BU-RF-UR-RB	qpbn	focn				0			
	BU-RF-UR-LD	qpbg	focq				0			
	BU-RF-UR-RD	qpbo	focs				0		A	
	BU-RF-UR-DL	qpbx	fuct	bsak bsju kaj	U' S U R' U' S R S2 R' U R		11			
	BU-RF-UR-DB	qpbw	foci				0		A	
	BU-RF-UR-DR	qpbv	focv				0		0	
	BU-RF-DF-UL	qpub	foda				0		A	
	BU-RF-DF-UR	qpub	fodc				0		A	
	BU-RF-DF-LU	qpuet	fode				0		P	
	BU-RF-DF-RU	qpuum	fodg				0		O	
	BU-RF-DF-FL	qpuul	fodi				0		A	
	BU-RF-DF-LF	qpuuf	fodj				0		A	
	BU-RF-DF-LB	qpuuh	fodk				0			
	BU-RF-DF-BL	qpur	fodl				0		A	
	BU-RF-DF-BR	qput	fodm				0			
	BU-RF-DF-RB	qpun	fodn				0		O	
	BU-RF-DF-LD	qpuug	fodq				0			
	BU-RF-DF-RD	qpuuo	fods				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-RF-DF-DL	qpux	fodt				0			
	BU-RF-DF-DB	qpuw	fodu				0			A
	BU-RF-DF-DR	qpuv	fodv				0			
	BU-RF-LU-UR	qpeb	foec				0			
	BU-RF-LU-DF	qpeu	foed				0			A
	BU-RF-LU-RU	qpem	foeg				0			O
	BU-RF-LU-FL	qpel	foei				0			
	BU-RF-LU-LF	qpef	foej				0			
	BU-RF-LU-BL	qper	foel				0			
	BU-RF-LU-BR	qpet	foem				0			
	BU-RF-LU-LD	qpeg	foeq				0			
	BU-RF-LU-BD	qpes	foer				0			P
	BU-RF-LU-RD	qpeo	foes				0			P
	BU-RF-LU-DL	qpex	foet				0			
	BU-RF-LU-DB	qpew	foeu				0			
	BU-RF-LU-DR	qpev	foev				0			
	BU-RF-RU-DF	qpmu	fogd	mvnp wkvj qhbg	M F M' E F' R' F R E' L' U' L		12			C
	BU-RF-RU-LF	qpmf	fogj				0			
	BU-RF-RU-BL	qpmr	fogl				0			
	BU-RF-RU-BR	qpmr	fogm	wlem vnwd lv	F' R2 D' M F M' F' D R2 F		10			
	BU-RF-RU-RB	qpmn	fogn				0			O
	BU-RF-RU-BD	qpmr	fogr				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		
	BU-RF-RU-RD	qpmo	fogs					0		
	BU-RF-RU-DL	qpmx	fogt					0		
	BU-RF-RU-DB	qpmw	fogu					0		F
	BU-RF-FU-UL	qpid	foha					0		O
	BU-RF-FU-UR	qpib	fohc					0		
	BU-RF-FU-LU	qpie	fohe					0		O
	BU-RF-FU-RU	qvim	fohg					0		
	BU-RF-FU-LF	qpix	fohj					0		
	BU-RF-FU-DB	qpiw	fohu					0		
	BU-RF-FU-DR	qpixv	fohv					0		
	BU-RF-FL-UL	qpld	foia					0		
	BU-RF-FL-DF	qplu	foid					0		A
	BU-RF-FL-LU	qple	foie					0		
	BU-RF-FL-FU	qpli	foih					0		
	BU-RF-FL-LB	qplh	foik					0		P
	BU-RF-FL-BL	qplr	foil					0		O
	BU-RF-FL-BR	qplt	foim					0		
	BU-RF-FL-RB	qpln	foin					0		
	BU-RF-FL-FR	qplj	foip					0		
	BU-RF-FL-LD	qplg	foiq					0		
	BU-RF-FL-RD	qpol	fois					0		L
	BU-RF-FL-DL	qplx	foit					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-RF-FL-DB	qplw	foiu	awnb nao vb	U F' M' U' M' U M2 F U'		9			
	BU-RF-FL-DR	qplv	foiv				0			
	BU-RF-LF-UL	qpfд	foja				0			
	BU-RF-LF-UR	qpfб	fojc				0			
	BU-RF-LF-DF	qpfu	fojd				0			
	BU-RF-LF-LU	qpfе	foje				0			
	BU-RF-LF-RU	qpfм	fojg				0			
	BU-RF-LF-FU	qpfи	fojh				0			
	BU-RF-LF-LB	qpfh	fojk				0			
	BU-RF-LF-BL	qpfr	fojl				0			
	BU-RF-LF-BR	qpft	fojm				0			
	BU-RF-LF-RB	qpfn	fojn				0			
	BU-RF-LF-LD	qpfg	fojq				0			
	BU-RF-LF-BD	qpfs	fojr				0			
	BU-RF-LF-RD	qpfo	fojs				0			
	BU-RF-LF-DL	qpfx	fojt				0			
	BU-RF-LF-DB	qpfw	foju				0			
	BU-RF-LF-DR	qpfv	fojv				0			
	BU-RF-LB-UL	qphd	foka				0			A
	BU-RF-LB-UR	qphb	fokc				0			
	BU-RF-LB-LU	qphe	foke				0			O
	BU-RF-LB-RU	qphm	fokg				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		
	BU-RF-LB-FU	qphi	fokh					0		
	BU-RF-LB-FL	qphl	foki					0	L	
	BU-RF-LB-LF	qphf	fokj					0		
	BU-RF-LB-BR	qpht	fokm					0	O	
	BU-RF-LB-RB	qphn	fokn					0		
	BU-RF-LB-LD	qphg	fokq					0		
	BU-RF-LB-BD	qphs	fokr					0		
	BU-RF-LB-RD	qpho	foks					0	P	
	BU-RF-LB-DL	qphx	fokt					0	A	
	BU-RF-LB-DB	qphw	foku					0		
	BU-RF-LB-DR	qphv	fokv	hsja sbtk tg	L' S R U S U' S' R' S' L			10		
	BU-RF-BL-UR	qprb	folc					0	O	
	BU-RF-BL-DF	qpru	fold					0	A	
	BU-RF-BL-FL	qprl	foli					0	O	
	BU-RF-BL-LF	qprf	folj					0		
	BU-RF-BL-BR	qprt	folm					0		
	BU-RF-BL-RD	qpro	fols					0	O	
	BU-RF-BL-DB	qprw	folu					0		
	BU-RF-BR-UL	qptd	foma					0		
	BU-RF-BR-UR	qptb	fomc					0	O	
	BU-RF-BR-DF	qptu	fomd					0	A	
	BU-RF-BR-LU	qpte	fome					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		
BU-RF-BR-RU	qptm		fomg					0		
BU-RF-BR-FU	qpti		fomh					0		
BU-RF-BR-FL	qptl		fomi					0		
BU-RF-BR-LF	qptf		fomj					0		
BU-RF-BR-LB	qpth		fomk					0		
BU-RF-BR-BL	qptr		foml					0		
BU-RF-BR-LD	qptg		fomq					0		
BU-RF-BR-BD	qpts		fomr					0		0
BU-RF-BR-RD	qpto		foms					0		0
BU-RF-BR-DL	qptx		fomt					0		
BU-RF-BR-DB	qptw		fomu					0		A
BU-RF-BR-DR	qptv		fomv					0		
BU-RF-RB-UL	qpnd		fona					0		
BU-RF-RB-UR	qpnb		fonc					0		
BU-RF-RB-DF	qpnu		fond					0		F
BU-RF-RB-RU	qpnm		fong					0		
BU-RF-RB-FU	qjni		fonh					0		
BU-RF-RB-FL	qpnl		foni					0		F
BU-RF-RB-LF	qpnf		fonj					0		A
BU-RF-RB-LB	qphn		fonk					0		
BU-RF-RB-BD	qpns		fonr					0		
BU-RF-RB-RD	qpon		fons					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		0
BU-RF-RB-DB	qpnw		fonu				0			
BU-RF-RB-DR	qpnv		fonv				0			
BU-RF-FR-LD	qpjg		fopq				0			
BU-RF-FR-BD	qpjs		fopr				0			
BU-RF-FR-DL	qpjx		fopt				0			
BU-RF-LD-UL	qpgd		foqa				0			
BU-RF-LD-UB	qpga		foqb				0			
BU-RF-LD-UR	qpgb		foqc				0			
BU-RF-LD-DF	qpgu		foqd				0			
BU-RF-LD-LU	qpgc		foqe				0			
BU-RF-LD-FL	qpgl		foqi				0			
BU-RF-LD-BL	qmgr		foql				0			
BU-RF-LD-BR	qpgt		foqm				0			
BU-RF-LD-RB	qpgn		foqn				0			
BU-RF-LD-BD	qpgs		foqr				0			
BU-RF-LD-DB	qpgw		foqu				0			
BU-RF-LD-DR	qpgv		foqv				0			
BU-RF-BD-UL	qpsd		fora				0			
BU-RF-BD-UB	qpsa		forb				0			
BU-RF-BD-UR	qpsb		forc				0			A
BU-RF-BD-DF	qpsu		ford				0			O
BU-RF-BD-LU	qpsc		fore				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		A
	BU-RF-BD-RU	qpsm	forg				0			A
	BU-RF-BD-FU	qpsi	forh				0			F
	BU-RF-BD-FL	qpsl	fori				0			L
	BU-RF-BD-LF	qpsf	forj				0			A
	BU-RF-BD-LB	qpsh	fork				0			O
	BU-RF-BD-BL	qpsr	forl				0			O
	BU-RF-BD-BR	qpst	form				0			O
	BU-RF-BD-RB	qpsn	forn				0			A
	BU-RF-BD-FR	qpsj	forp				0			O
	BU-RF-BD-LD	qpsg	forq				0			A
	BU-RF-BD-RD	qpso	fors				0			C
	BU-RF-BD-DL	qpsx	fort				0			C
	BU-RF-BD-DR	qpsv	forv				0			A
	BU-RF-BD-FD	qpsk	forx				0			O
	BU-RF-RD-UL	qpod	fosa				0			O
	BU-RF-RD-UR	q pob	fosc	whtb sagv	F' L' S' U' S U L F		8			
	BU-RF-RD-DF	q pou	f osd				0			
	BU-RF-RD-RU	q pom	f osg				0			O
	BU-RF-RD-FU	q poi	f osh				0			
	BU-RF-RD-LF	q pof	f osj				0			
	BU-RF-RD-BL	q por	f osl				0			O
	BU-RF-RD-BR	q pot	f osm				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		A
BU-RF-RD-RB	qpon	fosn					0			
BU-RF-RD-LD	qpog	fosq					0			
BU-RF-RD-DL	qpox	fost					0			
BU-RF-RD-DB	qpow	fosu					0			
BU-RF-DL-UB	qpxa	fotb					0		0	
BU-RF-DL-UR	qpxb	fotc					0		0	
BU-RF-DL-LU	qpxe	fote					0			
BU-RF-DL-LF	qpxf	fotj					0		0	
BU-RF-DL-LB	qpxh	fotk					0			
BU-RF-DL-BL	qpxr	fotl					0			
BU-RF-DL-BR	qpxt	fotm					0			
BU-RF-DL-RB	qpxn	fotn					0			
BU-RF-DL-RD	qpxo	fots					0		0	
BU-RF-DL-DR	qpxv	fotv					0			
BU-RF-DB-UL	qpwd	foua					0			
BU-RF-DB-UB	qpwa	foub					0			
BU-RF-DB-DF	qpwu	foud					0			
BU-RF-DB-LU	qpwe	foue					0			
BU-RF-DB-RU	qpwm	foug					0			
BU-RF-DB-FU	qpwi	fouh					0			
BU-RF-DB-FL	qpwl	foui					0			
BU-RF-DB-LF	qpwf	fouj					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		
	BU-RF-DB-LB	qpwh	fouk					0		
	BU-RF-DB-BL	qpwr	foul					0		A
	BU-RF-DB-RB	qpwn	foun					0		A
	BU-RF-DB-FR	qpwj	foup					0		P
	BU-RF-DB-LD	qpwg	fouq					0		
	BU-RF-DB-BD	qpws	four					0		L
	BU-RF-DB-DL	qpwx	fout					0		
	BU-RF-DR-UL	qpvd	fova					0		
	BU-RF-DR-UR	qpvb	fovC					0		
	BU-RF-DR-DF	qpvu	fovD					0		L
	BU-RF-DR-LU	qpve	fove					0		
	BU-RF-DR-RU	qpvm	fovG					0		
	BU-RF-DR-FU	qpvi	fovH					0		
	BU-RF-DR-FL	qpvl	fovI					0		
	BU-RF-DR-LF	qpvf	fovJ					0		
	BU-RF-DR-LB	qpvh	fovK					0		
	BU-RF-DR-BR	qpvt	fovM					0		
	BU-RF-DR-RB	qpvn	fovN					0		
	BU-RF-DR-LD	qpvg	fovQ					0		
	BU-RF-DR-BD	qpvs	fovR					0		A
	BU-RF-DR-DL	qpvx	fovT					0		
	BU-RF-DR-DB	qpvw	fovU					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-RF-FD-FL	qpkI	foxi				0			P
	BU-RF-FD-LF	qpkf	foxj				0			
	BU-FR-UL-UB	qjda	fpab				0			
	BU-FR-UL-UR	qjdb	fpac				0			
	BU-FR-UL-DF	qjdu	fpad				0			
	BU-FR-UL-RU	qjdm	fpag				0			
	BU-FR-UL-FL	qjdl	fpai				0			
	BU-FR-UL-LF	qjdf	fpaj				0			
	BU-FR-UL-LB	qjdh	fpak	pjaj pkct askr	E R U R E R' U2 S' U S R' E2		12			
	BU-FR-UL-BL	qjdr	fpal				0			
	BU-FR-UL-BR	qjdt	fpam	ctkc tasa jsc	U2 S' R' U2 S' U S U R S U2		11		0	
	BU-FR-UL-RB	qjdn	fpan				0			A
	BU-FR-UL-LD	qjdg	fpaq				0			
	BU-FR-UL-RD	qjdo	fpas				0			
	BU-FR-UL-DL	qjdx	fpat				0			A
	BU-FR-UL-DR	qjdv	fpav				0			
	BU-FR-UB-UL	qjad	fpba				0			
	BU-FR-UB-UR	qjab	fpbc				0			
	BU-FR-UB-FL	qjal	fpbi				0			
	BU-FR-UB-LB	qjah	fpbk				0			A
	BU-FR-UB-BD	qjas	fpbr				0			0
	BU-FR-UR-DF	qjbu	fpcd	vajw djpk bjze qw	F U R F' D R E R' U' R B' d' F'		14			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	BU-FR-UR-FU	qjbi	fpch					0		
	BU-FR-UR-FL	qjbl	fpci					0		
	BU-FR-UR-LF	qjbf	fpcj					0		
	BU-FR-UR-LB	qjbh	fpck					0		A
	BU-FR-UR-BL	qjbr	fpcl					0		A
	BU-FR-UR-BR	qjbt	fpcm					0		A
	BU-FR-UR-RB	qjbn	fpcn					0		
	BU-FR-UR-BD	qjbs	fpcr					0		
	BU-FR-UR-RD	qjbo	fpcs					0		A
	BU-FR-UR-DL	qjbx	fpct	hbwa namc vag	L' U' F' U M' U M U2 F U L			11		
	BU-FR-UR-DB	qjbw	fpcu					0		
	BU-FR-UR-DR	qjbv	fpcv					0		0
	BU-FR-DF-UL	qjud	fpda	lwjt kvja sbj	R2 F' R S' R' F R U S U' R			11		
	BU-FR-DF-UB	qjua	fpdb					0		
	BU-FR-DF-UR	qjub	fpdc					0		
	BU-FR-DF-LU	qjue	fpde					0		
	BU-FR-DF-RU	qjum	fpdg					0		
	BU-FR-DF-FL	qjul	fpdi					0		
	BU-FR-DF-LF	qjuf	fpdj					0		
	BU-FR-DF-BL	qjur	fpdl					0		A
	BU-FR-DF-BR	qjut	fpdm					0		
	BU-FR-DF-LD	qjug	fpdq					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
	BU-FR-DF-BD	qjus	fpdr				0			
	BU-FR-DF-RD	qjuo	fpds				0			
	BU-FR-DF-DL	qjux	fpdt				0			
	BU-FR-DF-DR	qjuv	fpdv				0			
	BU-FR-LU-RU	qjem	fpeg				0		0	
	BU-FR-LU-FL	qjel	fpei				0			
	BU-FR-LU-LF	qjef	fpej				0		A	
	BU-FR-LU-LB	qjeh	fpek				0			
	BU-FR-LU-RF	qjep	fpeo				0			
	BU-FR-LU-LD	qjeg	fpeq	jtau bkbk tja	R S' U S2 U' R' U' R' S' R U		11			
	BU-FR-LU-RD	qjeo	fpes				0			
	BU-FR-LU-DL	qjex	fpet				0		A	
	BU-FR-LU-DR	qjev	fpev				0			
	BU-FR-RU-UL	qjmd	fpga				0		0	
	BU-FR-RU-DF	qjmu	fpgd				0			
	BU-FR-RU-LU	qjme	fpgf				0			
	BU-FR-RU-LF	qjmf	fpgj				0			
	BU-FR-RU-BR	qjmt	fpgm	ckct asa jc	U2 R' U2 S' U S U R U2		9			
	BU-FR-RU-LD	qjmg	fpgq	anws btav mb	U M' F' S U' S' U F M U'		10		P	
	BU-FR-RU-BD	qjms	fpgr				0		P	
	BU-FR-RU-DB	qjmw	fpgu				0			
	BU-FR-RU-DR	qjmv	fpgv				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-FR-FU-UR	qjib	fphc				0			
	BU-FR-FU-LU	qjie	fphe				0			
	BU-FR-FU-FL	qjil	fphi				0			
	BU-FR-FU-LD	qjig	fphq				0			
	BU-FR-FU-DB	qjiw	fphu				0			
	BU-FR-FL-UL	qjld	fpia				0			A
	BU-FR-FL-LU	qjle	fpie	tken wbmd jasj	S' R' D' M' F' U' M D R U S R		12			P
	BU-FR-FL-RU	qjlm	fpiq				0			
	BU-FR-FL-FU	qjli	fpih				0			
	BU-FR-FL-LB	qjlh	fpiq				0			
	BU-FR-FL-BL	qjlr	fpii				0			
	BU-FR-FL-BR	qjlt	fpiim				0			
	BU-FR-FL-RB	qjln	fpin				0			A
	BU-FR-FL-LD	qjlg	fpiq				0			
	BU-FR-FL-RD	qjlo	fpis				0			
	BU-FR-FL-DB	qjlw	fpiu				0			
	BU-FR-FL-DR	qjlv	fpiiv				0			
	BU-FR-LF-UL	qjfd	fpja				0			
	BU-FR-LF-UB	qjfa	fpjb				0			
	BU-FR-LF-UR	qjfb	fpjc				0			
	BU-FR-LF-DF	qjfu	fpjd				0			
	BU-FR-LF-LU	qjfe	fpje				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		
BU-FR-LF-RU	qjfm		fpjg					0		
BU-FR-LF-FU	qjfi		fpjh					0		
BU-FR-LF-LB	qjfh		fpjk					0		
BU-FR-LF-BL	qjfr		fpjl					0		
BU-FR-LF-BR	qjft		fpjm					0		
BU-FR-LF-RB	qjfn		fpjn					0		
BU-FR-LF-LD	qjfg		fpjq					0		
BU-FR-LF-BD	qjfs		fpjr					0	0	
BU-FR-LF-RD	qjfo		fpjs					0		
BU-FR-LF-DB	qjfw		fpju					0	0	
BU-FR-LF-DR	qjfv		fpjv					0		
BU-FR-LB-UL	qjhd		fpka					0		
BU-FR-LB-UR	qjhb		fpkc					0		
BU-FR-LB-DF	qjhu		fpkd					0		
BU-FR-LB-LU	qjhe		fpke					0		
BU-FR-LB-RU	qjhm		fpkg					0	0	
BU-FR-LB-LF	qjhf		fpkj					0		
BU-FR-LB-BR	qjht		fpkm					0		
BU-FR-LB-RB	qjhn		fpkn					0		
BU-FR-LB-RD	qjho		fpls					0	0	
BU-FR-LB-DL	qjhx		fplt					0		
BU-FR-LB-DR	qjhv		fplv					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-FR-BL-UL	qjrd	fpla					0		
	BU-FR-BL-UR	qjrb	fplc	awbg asbt havb	U F' U' L U S U' S' L' U F U'			12		
	BU-FR-BL-LU	qjre	fple					0		
	BU-FR-BL-RU	qjrm	fplg					0		
	BU-FR-BL-FL	qjrl	fpli					0		
	BU-FR-BL-LF	qjrf	fplj					0		0
	BU-FR-BL-BR	qjrt	fplm					0		
	BU-FR-BL-LD	qjrg	fplq					0		
	BU-FR-BL-DL	qjrx	fplt					0		
	BU-FR-BL-DR	qjrv	fplv	pgsk asbt jthq	E L S R' U S U' S' R S' L' E'			12		A
	BU-FR-BR-UL	qjtd	fpm a					0		
	BU-FR-BR-UR	qjt b	fpm c					0		
	BU-FR-BR-DF	qjtu	fpm d					0		
	BU-FR-BR-LU	qjte	fpm e					0		A
	BU-FR-BR-RU	qjtm	fpm g					0		
	BU-FR-BR-FU	qjti	fpm h					0		
	BU-FR-BR-FL	qjtl	fpm i					0		
	BU-FR-BR-LF	qjtf	fpm j					0		P
	BU-FR-BR-LB	qjth	fpm k					0		
	BU-FR-BR-BL	qjtr	fpm l					0		
	BU-FR-BR-LD	qjtg	fpm q					0		L
	BU-FR-BR-BD	qjts	fpm r					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-FR-BR-RD	qjto	fpms				0			
	BU-FR-BR-DL	qjtx	fpmt				0			
	BU-FR-BR-DB	qjtw	fpmu				0			
	BU-FR-BR-DR	qjtv	fpmv				0			
	BU-FR-RB-UB	qjna	fpnb				0			
	BU-FR-RB-UR	qjnb	fpnc				0			
	BU-FR-RB-DF	qjnu	fpnd	ejtb taukd	D' R S' U' S' U S2 R' D		9		A	
	BU-FR-RB-LU	qjne	fpne				0			
	BU-FR-RB-RU	qjnm	fpng				0			
	BU-FR-RB-LB	qjnh	fpnk				0			
	BU-FR-RB-BL	qjnr	f pnl				0			
	BU-FR-RB-LD	qjng	f pnq				0			
	BU-FR-RB-BD	qjns	f pnr				0			
	BU-FR-RB-RD	qjno	fpns	bjsk ta	U' R S R' S' U		6			
	BU-FR-RB-DR	qjnv	f pnv				0		A	
	BU-FR-RF-UL	qjpd	f poa				0			
	BU-FR-RF-FL	qjpl	f poi				0			
	BU-FR-RF-RB	qjpn	f pon				0			
	BU-FR-RF-LD	qjpg	f poq				0			
	BU-FR-LD-UL	qjgd	f pqa				0			
	BU-FR-LD-UB	qjga	f pqb				0			
	BU-FR-LD-UR	qjgb	fpqc	nvnl dmel wm	M' F M' R2 D M D' R2 F' M		10			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-FR-LD-DF	qjgu	fpqd	nvnk dmej wm	M' F M' R' D M D' R F' M		10			
	BU-FR-LD-LU	qjge	fpqe				0			A
	BU-FR-LD-RU	qjgm	fpqg	atbk aujt kbj	U S' U' R' U S2 R S' R' U' R		11			
	BU-FR-LD-FL	qjgl	fpqi	vjbn satm kw	F R U' M' S U S' r' F'		10			
	BU-FR-LD-LF	qjgf	fpqj	gaxh tgsx bh	L U F2 L' S' L S F2 U' L'		10			
	BU-FR-LD-LB	qjgh	fpqk	qbgp hcgt hsb	E' U' L E L' U2 L S' L' S U'		11			
	BU-FR-LD-BL	qjgr	fpql	kwau gtht bvj	R' F' U S2 L S' L' S' U' F R		11			
	BU-FR-LD-BR	qjgt	fpqm	jcsb sau ck	R U2 S U' S U S2 U2 R'		9			
	BU-FR-LD-RB	qjgn	fpqn	sjbk tjta lsj	S R U' R' S' R S' U R2 S R		11			
	BU-FR-LD-BD	qjgs	fpqr	kxdn dmd xj	R' F2 D M' D M D2 F2 R		9			
	BU-FR-LD-RD	qjgo	fpqs	bjfs ktjf ka	U' R D2 S R' S' R D2 R' U		10			
	BU-FR-LD-DB	qjgw	fpqu	ukwd njuk evnj	S2 R' F' D r S2 R' D' F r		12			P
	BU-FR-LD-DR	qjgv	fpqv	nvnd mewm	M' F M' D M D' F' M		8			
	BU-FR-BD-UL	qjsd	fpra	jelt asbl dk	R D' R2 S' U S U' R2 D R'		10			
	BU-FR-BD-UR	qjsb	fprc	sbmj bnak ta	S U' M R U' M' U R' S' U		10			
	BU-FR-BD-DF	qjsu	fprd	jbmb mao ak	R U' M U' M U M2 U R'		9			
	BU-FR-BD-LU	qjse	fpre	ubmj bnak tat	S2 U' M R U' M' U R' S' U S'		11			
	BU-FR-BD-RU	qjsm	fprg	lbmt askb nak	R2 U' M S' U S R' U' M' U R'		11			
	BU-FR-BD-FL	qjsl	fpri	mwcm vnwc vn	M F' U2 M F M' F' U2 F M'		10			
	BU-FR-BD-LF	qjsf	fprj	nwmw nvcm cv	M' F' M F' M' F U2 M U2 F		10			
	BU-FR-BD-LB	qjsh	fprk	rvmw cvpw pmc	E2 F M F' U2 F E F' E M U2		11			O
	BU-FR-BD-BL	qjsr	fprl	aneg dmbo wo	U M' D' L D M U' M2 F' M2		10			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-FR-BD-BR	qjst	fprm	wcmc vnvq wp	F' U2 M U2 F M' F E' F' E		10			
	BU-FR-BD-RB	qjsn	fprn	jbmt asbn ak	R U' M S' U S U' M' U R'		10			
	BU-FR-BD-LD	qjsq	fprq	amsw btav nb	U M S F' U' S' U F M' U'		10			
	BU-FR-BD-RD	qjs0	fprs	amjb nakt as	U' M R U' M' U R' S' U S		10			
	BU-FR-BD-DL	qjsx	fprt	jbma mbms atmk	R U' M U M U' M S U S' r'		12			
	BU-FR-BD-DR	qjsv	fprv	kdoj dmem kej	R' D M2 R D M D' r' D' R		11			
	BU-FR-RD-UL	qjod	fpsa				0			
	BU-FR-RD-UR	qjob	fpsc	xjcw qvcp kx	F2 R U2 F' E' F U2 E R' F2		10			
	BU-FR-RD-RU	qjom	fpsg				0			
	BU-FR-RD-FU	qjoi	fphs				0			
	BU-FR-RD-FL	qjol	fpsi				0		C	
	BU-FR-RD-LF	qjof	fpsj				0		P	
	BU-FR-RD-LB	qjoh	fpsk				0			
	BU-FR-RD-BL	qjor	fpsl				0			
	BU-FR-RD-BR	qjot	fpsm				0		A	
	BU-FR-RD-RB	qjon	fpsn				0		O	
	BU-FR-RD-LD	qjog	fpsq				0			
	BU-FR-RD-BD	qjos	fpsr				0			
	BU-FR-RD-DL	qjox	fpst				0			
	BU-FR-RD-DB	qjow	fpsu				0			
	BU-FR-DL-UL	qjxd	fpta				0			
	BU-FR-DL-LU	qjxe	fpte				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-FR-DL-FU	qjxi	fpth				0			
	BU-FR-DL-FL	qjxl	fpti				0		A	
	BU-FR-DL-LB	qjxh	fptk				0		C	
	BU-FR-DL-BR	qjxt	fptm				0			
	BU-FR-DL-RB	qjxn	fptn				0			
	BU-FR-DL-BD	qjxs	fptr				0		O	
	BU-FR-DL-RD	qjxo	fpts				0			
	BU-FR-DB-UL	qjwd	fpuia	vowr kbma jrn	F M2 F' E2 R' U' M U R E2 M'		11			
	BU-FR-DB-UR	qjwb	fpuic	gvow hfbn fan	L F M2 F' L' D2 U' M' D2 U M'		11			
	BU-FR-DB-DF	qjwu	fpuid	wnvc vnw oc	F' M' F U2 F M' F' M2 U2		9			
	BU-FR-DB-LU	qjwe	fpuie	avob nan wb	U F M2 U' M' U M' F' U'		9			
	BU-FR-DB-RU	qjwm	fpuig	bvoa nbn wa	U' F M2 U M' U' M' F' U		9			
	BU-FR-DB-FU	qjwi	fpuh				0			
	BU-FR-DB-FL	qjwl	fpuia	vmwn wnvnm	F M F' M' F' M' F M		8			
	BU-FR-DB-LF	qjwf	fpuj	cvnw nwvmv ocn	U2 F M' F' M' F' M F M2 U2 M'		11		A	
	BU-FR-DB-BL	qjwr	fpuil	ivmw nwvn im	L2 F M F' M' F' M' F L2 M		10			
	BU-FR-DB-BR	qjwt	fpuim	vmfw nvbe kbae	F M D2 F' M' F U' D' R' U D'		12			
	BU-FR-DB-RB	qjwn	fpuin	kbma tasc naj	R' U' M U S' U S U2 M' U R		11			
	BU-FR-DB-RF	qjwp	fpuo				0			
	BU-FR-DB-LD	qjwg	fpuq	atve tdu wb	U S' F D' S' D S2 F' U'		9			
	BU-FR-DB-RD	qjwo	fpus	bsvd seu wa	U' f D S D' S2 F' U		9			
	BU-FR-DB-DL	qjwx	fput	hbmw nwvn mg	L' F M F' M' F' M' F I		10			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-FR-DB-DR	qjwv	fpuv	tbvo anbn was	S' U' F M2 U M' U' M' F' U S		11			
	BU-FR-DR-UL	qjvd	fpva	jija satc ksk	R S' R U S U S' U2 R' S R'		11			
	BU-FR-DR-UR	qjvb	fpvc	sbjb sbtc kta	S U' R U' S U' S' U2 R' S' U		11			
	BU-FR-DR-DF	qjvu	fpvd	kasw jtkv bj	R' U S F' R S' R' F U' R		10			
	BU-FR-DR-LU	qjve	fpve	ckbs jtka jc	U2 R' U' S R S' R' U R U2		10			A
	BU-FR-DR-RU	qjvm	fpvg	kasj tkbj	R' U S R S' R' U' R		8			
	BU-FR-DR-FL	qjvl	fpvi	dvmw enwn vm	D F M F' D' M' F' M' F M		10			
	BU-FR-DR-LF	qjvf	fpvj	kasx jtkx bj	R' U S F2 R S' R' F2 U' R		10			
	U-FR-DR-LB	qjvh	fpvk	asjt kcjq kap	U S R S' R' U2 R E' R' U E		11			F
	BU-FR-DR-BL	qjvr	fpvl	qbjs ktjp ka	E' U' R S R' S' R E R' U		10			
	BU-FR-DR-BR	qjvt	fpvm	kasv jtkw bj	R' U f R S' R' F' U' R		10			
	BU-FR-DR-RB	qjvn	fpvn	bjsf ksjf kua	U' R S D2 R' S R D2 R' S2 U		11			
	BU-FR-DR-LD	qjvg	fpvq	qjdv mwne kp	E' R D F M F' M' D' R' E		10			
	BU-FR-DR-BD	qjvs	fpvr	qjfv mwnf kp	E' R D2 F M F' M' D2 R' E		10			
	BU-FR-DR-DL	qjvx	fpvt	beje sdkd ta	U' D' R D' S D R' D S' U		10			
	BU-FR-DR-DB	qjvw	fpvu	mdvm weov nwm	M D F M F' D' M2 F M' F' M		11			
	BU-LD-UL-UR	qgdb	fqac				0			
	BU-LD-UL-RU	qgdm	fqag				0			
	BU-LD-UL-FL	qgdl	fqai	owke tdsj vo	M2 F' R' D' S' D S R F M2		10			
	BU-LD-UL-LF	qgdf	fqaj	xgpc wqvc hx	F2 L E U2 F' E' F U2 L' F2		10			
	BU-LD-UL-LB	qgdh	fqak	hbic thsg ciag	L' U' L2 U2 S' L' S L U2 L2 U L		12			
	BU-LD-UL-BL	qgdr	fqal	enet fwkp jsv	D' M' D' S' D2 F' R' E R f		11			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-LD-UL-BR	qgdt	fqam				0			
	BU-LD-UL-RB	qgdn	fqan				0			
	BU-LD-UL-RF	qgdp	fqao	kfla sbtl fj	R' D2 R2 U S U' S' R2 D2 R		10			
	BU-LD-UL-FR	qgdj	fqap	sksj asbu ktj	S R' S R U S U' S2 R' S' R		11			
	BU-LD-UL-BD	qgds	fqar	fnlb malf	D2 M' R2 U' M U R2 D2		8			
	BU-LD-UL-RD	qgdo	fqas	ciat bsic	U2 L2 U S' U' S L2 U2		8			
	BU-LD-UL-DB	qgdw	fqau	smcl anbl btb	S M U2 R2 U M' U' R2 U' S' U'		11			
	BU-LD-UL-DR	qgdv	fqav	ksjf bujs kaf	R' S R D2 U' S2 R S R' U D2		11			
	BU-LD-UB-FL	qgal	fqb1				0			
	BU-LD-UB-BL	qgar	fqb1				0			
	BU-LD-UR-DF	qgbu	fqc1				0			
	BU-LD-UR-FU	qgb1	fqc1				0			
	BU-LD-UR-FL	qgbl	fqc1				0			
	BU-LD-UR-LF	qgbf	fqc1				0			
	BU-LD-UR-LB	qgbh	fqc1				0			
	BU-LD-UR-BR	qgbt	fqc1	tdka mbnj es	S' D R' U M U' r D' S		10			
	BU-LD-UR-RB	qgbn	fqc1				0		F	
	BU-LD-UR-RF	qgbp	fqc1				0			
	BU-LD-UR-FR	qgbj	fqc1				0			
	BU-LD-UR-RD	qgbo	fqc1				0		O	
	BU-LD-UR-DL	qgbx	fqc1				0			
	BU-LD-UR-DR	qgbv	fqc1				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		
	BU-LD-DF-UL	qgud	fqda					0		A
	BU-LD-DF-UR	qgub	fqdc					0		
	BU-LD-DF-LU	qgue	fqde					0		
	BU-LD-DF-RU	qgum	fqdg					0		
	BU-LD-DF-FL	qgul	fqdi					0		
	BU-LD-DF-LF	qguf	fqdj					0		
	BU-LD-DF-LB	qguh	fqdk					0		O
	BU-LD-DF-BL	qgur	fqdl					0		
	BU-LD-DF-BR	qgut	fqdm					0		
	BU-LD-DF-RB	qgun	fqdn					0		
	BU-LD-DF-RF	qgup	fqdo					0		A
	BU-LD-DF-FR	qguj	fqdp					0		
	BU-LD-DF-DL	qgux	fqdt					0		
	BU-LD-DF-DB	qguw	fqdu					0		
	BU-LD-DF-DR	qguv	fqdv					0		
	BU-LD-LU-DF	qgeu	fqed					0		A
	BU-LD-LU-LF	qgef	fqej					0		
	BU-LD-LU-BL	qger	fqel					0		
	BU-LD-LU-RB	qgen	fqen					0		
	BU-LD-LU-FR	qgej	fqep					0		
	BU-LD-LU-BD	qges	fqer					0		
	BU-LD-LU-RD	qgeo	fques					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-LD-LU-DB	qgew	fqueu				0			
	BU-LD-LU-DR	qgev	fquev				0			
	BU-LD-RU-UL	qgmd	fqga				0			
	BU-LD-RU-DF	qgmu	fqgd	mdjw envq wagw bp	M D R F' D' M' F E' F' U L F' u'		14			
	BU-LD-RU-LU	qgme	fqge				0			
	BU-LD-RU-FU	qgmi	fqgh				0			
	BU-LD-RU-FL	qgml	fqqi				0			
	BU-LD-RU-LB	qgmh	fqgk				0			
	BU-LD-RU-BR	qgmt	fqgm				0			
	BU-LD-RU-RB	qgmn	fqgn				0			
	BU-LD-RU-RF	qgmp	fqgo				0			
	BU-LD-RU-BD	qgms	fqgr				0			
	BU-LD-RU-RD	qgmo	fqgs				0			0
	BU-LD-RU-DL	qgmx	fqgt				0			
	BU-LD-RU-DB	qgmw	fqgu				0			
	BU-LD-RU-DR	qgmv	fqgv				0			
	BU-LD-FU-UL	qgid	fqha				0			
	BU-LD-FU-LU	qgie	fqhe				0			
	BU-LD-FU-FL	qgil	fqhi				0			
	BU-LD-FU-LF	qgif	fqhj				0			
	BU-LD-FU-LB	qgih	fqhk				0			
	BU-LD-FU-BR	qgit	fqhm				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		
	BU-LD-FU-RB	qgin	fqhn					0		
	BU-LD-FU-BD	qgis	fqhr					0		
	BU-LD-FU-RD	qgio	fqhs					0		
	BU-LD-FU-DR	qgiv	fqhv					0		
	BU-LD-FL-UL	qgld	fqia					0		
	BU-LD-FL-UB	qgla	fqib					0		
	BU-LD-FL-DF	qglu	fqid	nejv owhx mwmk mg	M' D' R F M2 F' L' F2 M F' r' I			14		
	BU-LD-FL-LU	qgle	fqie					0		
	BU-LD-FL-RU	qglm	fqig					0		
	BU-LD-FL-FU	qgli	fqih					0		
	BU-LD-FL-BL	qglr	fqil					0		A
	BU-LD-FL-BR	qglt	fqim					0		
	BU-LD-FL-RB	qgln	fqin					0		
	BU-LD-FL-BD	qgls	fqir					0		
	BU-LD-FL-RD	qglo	fqis					0		
	BU-LD-LF-UL	qgfd	fqja					0		
	BU-LD-LF-UR	qgfb	fqjc					0		
	BU-LD-LF-LU	qgfe	fqje					0		
	BU-LD-LF-RU	qgfm	fqjg					0		
	BU-LD-LF-BL	qgfr	fqjl					0		
	BU-LD-LF-BR	qgft	fqjm					0		O
	BU-LD-LF-RB	qgfn	fqjn					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		
BU-LD-LF-RF	qgfp		fqjo					0		
BU-LD-LF-FR	qgfj		fqjp					0		
BU-LD-LF-BD	qgfs		fqjr					0		
BU-LD-LF-RD	qgfo		fqjs					0		
BU-LD-LF-DB	qgfw		fqju					0		
BU-LD-LB-UL	qghd		fqka					0		
BU-LD-LB-UR	qghb		fqkc					0		
BU-LD-LB-DF	qghu		fqkd					0		
BU-LD-LB-LU	qghe		fqke					0		
BU-LD-LB-RU	qghm		fqkg					0		
BU-LD-LB-FU	qghi		fqkh					0		
BU-LD-LB-FL	qghl		fqki					0		
BU-LD-LB-LF	qghf		fqkj					0		
BU-LD-LB-BR	qght		fqkm					0		
BU-LD-LB-RB	qghn		fqkn					0		L
BU-LD-LB-RF	qghp		fqko					0		
BU-LD-LB-FR	qghj		fqkp					0		
BU-LD-LB-BD	qghs		fqkr					0		
BU-LD-LB-RD	qgho		fqks					0		O
BU-LD-LB-DB	qghw		fqku					0		
BU-LD-LB-DR	qghv		fqkv					0		
BU-LD-BL-UL	qgrd		fqla					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-LD-BL-UR	qgrb	fqlc				0			
	BU-LD-BL-DF	qgru	fqld				0			
	BU-LD-BL-LU	qgre	fqlle	ugbt bsc hu	S2 L U' S' U' S U2 L' S2		9			
	BU-LD-BL-RU	qgrm	fqlg				0			
	BU-LD-BL-FL	qgrl	fqlil				0			
	BU-LD-BL-BR	qgrt	fqlm				0			
	BU-LD-BL-RB	qgrn	fqln				0			
	BU-LD-BL-FR	qgrj	fqlp				0			
	BU-LD-BL-BD	qgrs	fqlr				0			
	BU-LD-BL-RD	qgro	fqls				0			
	BU-LD-BL-DB	qgrw	fqlu				0			
	BU-LD-BL-DR	qgrv	fqlv				0			
	BU-LD-BR-UL	qgtd	fqmfa				0			F
	BU-LD-BR-UR	qgtb	fqmfc				0			L
	BU-LD-BR-DF	qgtu	fqmfd	tawn sjtm kvbs	S' U F' M' S R S' r' F U' S		12			
	BU-LD-BR-LU	qgte	fqmfe				0			A
	BU-LD-BR-FU	qgti	fqmfh				0			
	BU-LD-BR-FL	qgtl	fqmfi				0			
	BU-LD-BR-LF	qgtf	fqmij				0			
	BU-LD-BR-LB	qgth	fqmik				0			
	BU-LD-BR-BL	qgtr	fqmli	jtgt asbh sk	R S' L S' U S U' L' S R'		10			
	BU-LD-BR-BD	qgts	fqmri				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
	BU-LD-BR-RD	qgto	fqms				0			
	BU-LD-BR-DB	qgtw	fqmu				0			
	BU-LD-BR-DR	qgtv	fqm v				0			A
	BU-LD-RB-UL	qgnd	fqna				0			
	BU-LD-RB-UR	qgnb	fqnc				0			
	BU-LD-RB-DF	qgnu	fqnd	vqv b sctb vpv	F E' F U' S U2 S' U' F E F		11			P
	BU-LD-RB-LU	qgne	fqne				0			A
	BU-LD-RB-RU	qgnm	fqng				0			
	BU-LD-RB-FL	qgnl	fqni				0			
	BU-LD-RB-LF	qgnf	fqnj				0			P
	BU-LD-RB-LB	qgnh	fqnk				0			
	BU-LD-RB-RF	qgnp	fqno				0			
	BU-LD-RB-FR	qgnj	fqnp				0			
	BU-LD-RB-RD	qgno	fqns				0			
	BU-LD-RB-DB	qgnw	fqnu				0			
	BU-LD-RB-DR	qgnv	fqnv				0			
	BU-LD-RF-UL	qgpd	fqoa				0			
	BU-LD-RF-UB	qgpa	fqob				0			
	BU-LD-RF-DF	qgpu	fqod				0			
	BU-LD-RF-LF	qgpf	fqoj				0			
	BU-LD-RF-LB	qgph	fqok				0			
	BU-LD-RF-BL	qgpr	fqol				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		
BU-LD-RF-RB	qgpn		fqon					0		
BU-LD-RF-RD	qgpo		fqos					0		
BU-LD-RF-DR	qgpv		fqov					0		
BU-LD-FR-UB	qgja		fqp ^b					0		
BU-LD-FR-UR	qgjb		fqpc					0		
BU-LD-FR-LU	qgje		fqpe					0		
BU-LD-FR-FU	qgji		fqph					0		
BU-LD-FR-LF	qgjf		fqpj					0		
BU-LD-FR-BR	qgjt		fqpm					0		
BU-LD-FR-DB	qgjw		fqpu					0		
BU-LD-FR-DR	qgjv		fqpv					0		
BU-LD-BD-UL	qgsd		fqra					0		A
BU-LD-BD-UR	qgsb		fqrc					0		P
BU-LD-BD-LU	qgse		fqre					0		
BU-LD-BD-RU	qgsm		fqrg					0		
BU-LD-BD-FU	qgsi		fqrh					0		
BU-LD-BD-FL	qgsl		fqri					0		
BU-LD-BD-LF	qgsf		fqrj					0		P
BU-LD-BD-BR	qgst		fqrm					0		
BU-LD-BD-RB	qgsn		fqrn					0		A
BU-LD-BD-FR	qgsj		fqrp					0		
BU-LD-BD-RD	qgso		fqrs					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-LD-BD-DL	qgsx	fqrt				0			
	BU-LD-BD-DR	qgsv	fqrw				0			
	BU-LD-RD-UL	qgod	fqsas				0			
	BU-LD-RD-UR	qgob	fqsc	akak tjbj sb	U R' U R' S' R U' R S U'		10			A
	BU-LD-RD-LU	qgoe	fqse				0			A
	BU-LD-RD-RU	qgom	fqsg				0			
	BU-LD-RD-FU	qgoi	fqsh				0			
	BU-LD-RD-LF	qgof	fqsj				0			P
	BU-LD-RD-BL	qgor	fqsl				0			
	BU-LD-RD-BR	qgot	fqsm				0			
	BU-LD-RD-RB	qgon	fqsn	asdk dtej eb	U S D R' D S' D' R D' U'		10			
	BU-LD-RD-RF	qgop	fqso				0			
	BU-LD-RD-FR	qgoj	fqsp				0			
	BU-LD-RD-BD	qgos	fqsrs				0			
	BU-LD-RD-DB	qgow	fqsu	asfk wjtk vjfb	U S D2 R' F' R S' R' F R D2 U'		12			
	BU-LD-DL-UB	qgxa	fqtbs				0			
	BU-LD-DB-UL	qgwd	fqua				0			
	BU-LD-DB-UR	qgwb	fquc				0			
	BU-LD-DB-LU	qgwe	fque				0			
	BU-LD-DB-RU	qgwm	fqug				0			
	BU-LD-DB-FL	qgwI	fqui				0			
	BU-LD-DB-LF	qgwf	fquj				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-LD-DB-LB	qgwh	fquk				0			
	BU-LD-DB-BL	qgwr	fqlul				0			
	BU-LD-DB-BR	qgwt	fquum				0			
	BU-LD-DB-RB	qgwn	fquun				0			
	BU-LD-DB-RF	qgwp	fquo				0			
	BU-LD-DB-FR	qgwj	fquup				0			
	BU-LD-DB-RD	qgwo	fqus				0			
	BU-LD-DB-DR	qgwk	fquv				0			
	BU-LD-DR-UL	qgvd	fqva				0			
	BU-LD-DR-UR	qgvb	fqvcc	bnbn endo ama	U' M' U' M' D' M' D M2 U M U		11			
	BU-LD-DR-LU	qgve	fqve				0			
	BU-LD-DR-RU	qgvm	fqvg				0		0	
	BU-LD-DR-FU	qgvi	fqvh				0			
	BU-LD-DR-FL	qgvf	fqvi				0			
	BU-LD-DR-LF	qgvf	fqvj				0			A
	BU-LD-DR-LB	qgvh	fqvkk	msvg qhpw tn	M f L E' L' E f' M'		10			
	BU-LD-DR-BL	qgvr	fqvll				0			
	BU-LD-DR-BR	qgvt	fqvmm				0			
	BU-LD-DR-RB	qgvn	fqvnn				0			
	BU-LD-DR-BD	qgvs	fqvrr	cnen doc	U2 M' D' M' D M2 U2		7			A
	BU-LD-DR-DL	qgvx	fqvtt				0			
	BU-LD-DR-DB	qgvw	fqvuu				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-LD-DR-FD	qgvk	fqvx	mdm eo	M D M D' M2		5			
	BU-LD-FD-UL	qgkd	fqxa				0			A
	BU-BD-UL-FL	qsdl	frai				0			
	BU-BD-UL-LB	qsdh	frak				0			
	BU-BD-UL-BL	qsdr	fral				0			
	BU-BD-UL-BR	qsdt	fram				0			O
	BU-BD-UL-RB	qsdn	fran				0			L
	BU-BD-UL-FR	qsdj	frap				0			
	BU-BD-UL-LD	qsdg	frac				0			
	BU-BD-UL-RD	qsdo	fras	elnb mald	D' R2 M' U' M U R2 D		8			
	BU-BD-UL-DL	qsdx	frat				0			
	BU-BD-UB-LU	qsae	frbe				0			P
	BU-BD-UB-FL	qsal	frbi				0			A
	BU-BD-UB-LF	qsaf	frbj				0			C
	BU-BD-UB-LD	qsag	frbq				0			
	BU-BD-UB-RD	qsao	frbs				0			
	BU-BD-UB-DL	qsax	frbt				0			A
	BU-BD-UR-UL	qsbd	frca				0			
	BU-BD-UR-DF	qsbu	frcd				0			
	BU-BD-UR-LU	qsbe	frce				0			F
	BU-BD-UR-FU	qsbi	frch				0			O
	BU-BD-UR-FL	qsbl	frci				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		
	BU-BD-UR-LF	qsbf	frcj					0		
	BU-BD-UR-LB	qsbh	frck					0		A
	BU-BD-UR-BL	qsbr	frcl					0		A
	BU-BD-UR-BR	qsbt	frcm					0		F
	BU-BD-UR-RB	qsbn	frcn					0		A
	BU-BD-UR-RF	qsbp	frco					0		O
	BU-BD-UR-LD	qsbg	frcq					0		O
	BU-BD-UR-RD	qsbo	frcs					0		
	BU-BD-UR-DL	qsbx	frct					0		
	BU-BD-UR-DR	qsbv	frcv					0		F
	BU-BD-DF-UL	qsud	frda					0		
	BU-BD-DF-UR	qsub	frdc					0		A
	BU-BD-DF-LU	qsue	frde	bobm ama	U' M2 U' M U M U		7			A
	BU-BD-DF-RU	qsum	frdg	aoam bmb	U M2 U M U' M U'		7			O
	BU-BD-DF-FL	qsul	frdi	wmvo vmw	F' M F M2 F M F'		7			
	BU-BD-DF-LF	qsuf	frdj					0		
	BU-BD-DF-LB	qsuh	frdk					0		
	BU-BD-DF-BR	qsut	frdm					0		F
	BU-BD-DF-RB	qsun	frdn					0		
	BU-BD-DF-LD	qsug	frdq					0		O
	BU-BD-DF-RD	qsuo	frds					0		
	BU-BD-DF-DL	qsux	frdt					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
	BU-BD-DF-DR	qsuv	frdv				0			A
	BU-BD-LU-UB	qsea	freb				0			O
	BU-BD-LU-DF	qseu	fred	nvaw nxow bw	M' F U F' M' F2 M2 F' U' F'		10			P
	BU-BD-LU-FL	qsel	frei				0			O
	BU-BD-LU-LF	qsef	frej				0			L
	BU-BD-LU-LB	qseh	frek				0			O
	BU-BD-LU-BR	qset	frem				0			O
	BU-BD-LU-RB	qsen	fren				0			C
	BU-BD-LU-FR	qsej	frep				0			
	BU-BD-LU-LD	qseg	freq				0			L
	BU-BD-LU-RD	qseo	fres				0			F
	BU-BD-LU-DL	qsex	fret				0			O
	BU-BD-LU-DR	qsev	frev				0			
	BU-BD-RU-DF	qsmu	frgd				0			P
	BU-BD-RU-LU	qsme	frge				0			
	BU-BD-RU-FU	qsmi	frgh				0			
	BU-BD-RU-FL	qsml	frgi				0			P
	BU-BD-RU-LF	qsmf	frgj				0			
	BU-BD-RU-LB	qsmh	frgk	weaj rkbk rjdv	F' D' U R E2 R' U' R' E2 R D F		12			A
	BU-BD-RU-BL	qsmt	frgl				0			P
	BU-BD-RU-BR	qsmt	frgm				0			A
	BU-BD-RU-RB	qsnn	frgn				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		O
	BU-BD-RU-RF	qsmp	frgo				0			
	BU-BD-RU-FR	qsmj	frgp				0			
	BU-BD-RU-DL	qsmx	frgt				0		F	
	BU-BD-RU-DR	qsmv	frgv				0		F	
	BU-BD-FU-UL	qsid	frha				0		P	
	BU-BD-FU-LU	qsie	frhe				0			
	BU-BD-FU-FL	qsil	frhi				0			
	BU-BD-FU-LF	qsif	frhj				0		A	
	BU-BD-FU-BR	qsit	frhm				0		A	
	BU-BD-FU-RB	qsin	frhn				0		P	
	BU-BD-FU-RF	qsip	frho				0			
	BU-BD-FU-FR	qsij	frhp				0			
	BU-BD-FU-LD	qsig	frhq				0			
	BU-BD-FU-DL	qsix	frht				0		L	
	BU-BD-FL-UL	qsld	fria	mkvj thbg asnb	r' F R S' L' U' L U S M' U'		12		P	
	BU-BD-FL-DF	qslu	frid				0			
	BU-BD-FL-LU	qsle	frie				0		P	
	BU-BD-FL-RU	qslm	frig				0		L	
	BU-BD-FL-FU	qsli	frih				0			
	BU-BD-FL-BL	qslr	fril				0		F	
	BU-BD-FL-RB	qsln	frin				0			
	BU-BD-FL-RF	qsip	frio				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-BD-FL-FR	qslj	frip	xmwC owmv cw	F2 M F' U2 M2 F' M F U2 F'		10			
	BU-BD-FL-LD	qslg	friq				0		0	
	BU-BD-FL-RD	qslo	fris				0			
	BU-BD-FL-DL	qslx	frit				0			
	BU-BD-FL-DR	qsly	friv				0			
	BU-BD-LF-UL	qsfd	frja	gvhx mvov jbmk	L F L' F2 M F M2 F R U' r'		12		P	
	BU-BD-LF-UB	qsfa	frjb				0		A	
	BU-BD-LF-UR	qsfb	frjc				0			
	BU-BD-LF-LU	qsfe	frje	awco bmam cvb	U F' U2 M2 U' M U M U2 F U'		11		0	
	BU-BD-LF-RU	qsfm	frjg				0		A	
	BU-BD-LF-LB	qsfh	frjk				0			
	BU-BD-LF-BL	qsfr	frjl				0		0	
	BU-BD-LF-BR	qsft	frjm				0			
	BU-BD-LF-RB	qsfn	frjn				0			
	BU-BD-LF-RF	qsfp	frjo				0			
	BU-BD-LF-FR	qsfj	frjp				0			
	BU-BD-LF-LD	qsfg	frjq	awos btao vb	U F' M2 S U' S' U M2 F U'		10			
	BU-BD-LF-RD	qsfo	frjs				0		A	
	BU-BD-LF-DL	qsfx	frjt				0			
	BU-BD-LF-DR	qsfv	frjv				0			
	BU-BD-LB-RU	qshm	frkg				0			
	BU-BD-LB-FL	qshl	frki				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
	BU-BD-LB-LF	qshf	frkj				0			
	BU-BD-LB-BR	qsht	frkm				0			
	BU-BD-LB-RB	qshn	frkn				0		0	
	BU-BD-LB-RF	qshp	frko				0			
	BU-BD-LB-FR	qshj	frkp	vimw owmx iw	F L2 M F' M2 F' M F2 L2 F'		10		A	
	BU-BD-LB-RD	qsho	frks				0		A	
	BU-BD-LB-DR	qshv	frkv				0			
	BU-BD-BL-UL	qsrd	frla	gaht mgbh ansb	L U L' S' I U' L' U M' S U'		12			
	BU-BD-BL-UR	qsrb	frlc	semh emdo gdt	S D' M L' D' M D M2 L D S'		11		0	
	BU-BD-BL-DF	qsru	frld				0		0	
	BU-BD-BL-LU	qsre	frle	bobm ganb haoa	U' M2 U' I U M' U' L' U M2 U		12			
	BU-BD-BL-RU	qsrm	frlg	lemh emdo gdl	R2 D' M L' D' M D M2 L D R2		11		0	
	BU-BD-BL-FL	qsrl	frli	ahbm atis hbn	U L' U' M U S' L2 S L' U' M'		11		P	
	BU-BD-BL-LF	qsrf	frlj	bnet hsgd ma	U' M' D' S' L' S L D M U		10			
	BU-BD-BL-BR	qsrt	frlm				0			
	BU-BD-BL-RB	qsrn	frln				0			
	BU-BD-BL-RF	qsrp	frlo	nwgj bmal dhj	M' F' R L U' M U R2 D L' R		11			
	BU-BD-BL-FR	qsrq	frlp	ehsj sbta ktgd	D' L' S R S U' S' U R' S' L D		12			
	BU-BD-BL-LD	qsrg	frlq	dung bmah ue	D S2 M' L U' M U L' S2 D'		10			
	BU-BD-BL-RD	qsro	frls	ekrv mwnr jd	D' R' E2 F M F' M' E2 R D		10			
	BU-BD-BL-DL	qsrx	frlt	temh emdo gds	S' D' M L' D' M D M2 L D S		11			
	BU-BD-BL-DR	qsrv	frlv	agsl tlam bhbn	U L S R2 S' R2 U M U' L' U' M'		12		A	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-BD-BR-UL	qstd	frma				0			
	BU-BD-BR-UB	qsta	frmb				0			
	BU-BD-BR-UR	qstb	frm c				0			A
	BU-BD-BR-DF	qstu	frm d	bkan coaj an	U' R' U M' U2 M2 U R U M'		10			
	BU-BD-BR-LU	qste	frm e				0			A
	BU-BD-BR-RU	qstm	frm g				0			O
	BU-BD-BR-FU	qsti	frm h				0			
	BU-BD-BR-FL	qstl	frm i				0			P
	BU-BD-BR-LF	qstf	frm j				0			
	BU-BD-BR-LB	qsth	frm k				0			A
	BU-BD-BR-BL	qstr	frm l				0			A
	BU-BD-BR-FR	qstj	frm p				0			
	BU-BD-BR-LD	qstg	frm q				0			
	BU-BD-BR-RD	qsto	frm s				0			
	BU-BD-BR-DL	qstx	frm t				0			O
	BU-BD-BR-DR	qstv	frm v				0			A
	BU-BD-RB-UL	qsnd	frna				0			A
	BU-BD-RB-UR	qsnb	frnc				0			
	BU-BD-RB-DF	qsnu	frnd	betc dkds ejb	U' D' S' U2 D R' D S D' R U'		11			P
	BU-BD-RB-LU	qsne	frne				0			
	BU-BD-RB-RU	qsnm	frng				0			
	BU-BD-RB-FL	qsnl	frni				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		
	BU-BD-RB-LF	qsnf	frnj					0		
	BU-BD-RB-BL	qsnr	frnl					0		
	BU-BD-RB-RF	qsnp	frno					0	L	
	BU-BD-RB-RD	qsno	frns					0	O	
	BU-BD-RB-DR	qsnv	frnv					0		
	BU-BD-RF-UL	qspd	froa					0		
	BU-BD-RF-UR	qspb	froc					0	A	
	BU-BD-RF-DF	qspu	frod	cmwn vcvn wm	U2 M F' M' F U2 F M' F' M		10		P	
	BU-BD-RF-RU	qspm	frog					0	O	
	BU-BD-RF-FU	qspi	froh					0		
	BU-BD-RF-LF	qspf	froj					0		
	BU-BD-RF-LB	qsph	frok					0	O	
	BU-BD-RF-BR	qspt	from					0	L	
	BU-BD-RF-RB	qspn	fron					0	O	
	BU-BD-RF-DL	qspx	frot					0	O	
	BU-BD-RF-DB	qspw	frou					0	F	
	BU-BD-FR-UL	qsjd	frpa					0		
	BU-BD-FR-UR	qsjb	frpc					0		
	BU-BD-FR-LU	qsje	frpe					0	O	
	BU-BD-FR-RU	qsjm	frpg					0	O	
	BU-BD-FR-FU	qsji	frph					0		
	BU-BD-FR-FL	qsjl	frpi					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-BD-FR-LF	qsjf	frpj	wmbw bnav av	F' M U' F' U' M' U F U F		10			
	BU-BD-FR-LB	qsjh	frpk				0			
	BU-BD-FR-BR	qsjt	frpm				0		0	
	BU-BD-FR-RB	qsjn	frpn				0		0	
	BU-BD-FR-RF	qsjp	frpo				0			
	BU-BD-FR-LD	qsjg	frpq				0			
	BU-BD-FR-RD	qsjo	frps				0			
	BU-BD-FR-DR	qsjv	frpv				0			
	BU-BD-LD-UL	qsgd	frqa				0		A	
	BU-BD-LD-LU	qsge	frqe				0		L	
	BU-BD-LD-FU	qsgf	frqh				0			
	BU-BD-LD-FL	qsgl	frqi				0			
	BU-BD-LD-LB	qsgh	frqk				0			
	BU-BD-LD-BL	qsgr	frql				0			
	BU-BD-LD-RB	qsgn	frqn				0		0	
	BU-BD-LD-RF	qsgp	frqo				0			
	BU-BD-LD-RD	qsgo	frqs				0		A	
	BU-BD-LD-DR	qsgv	frqv				0			
	BU-BD-LD-FD	qsgk	frqx	adsb nema tb	U D S U' M' D' M U S' U'		10			
	BU-BD-RD-UL	qsod	frsa				0			
	BU-BD-RD-UR	qsob	frsc	ambt aslb nalb	U M U' S' U S R2 U' M' U R2 U'		12			
	BU-BD-RD-DF	qsou	frsd				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
BU-BD-RD-LU	qsoe		frse				0			O
BU-BD-RD-FU	qsoi		frsh				0			
BU-BD-RD-FL	qsol		frsi				0		L	
BU-BD-RD-LF	qsof		frsj				0			
BU-BD-RD-BL	qsor		frsl				0			
BU-BD-RD-BR	qsot		frsm				0		A	
BU-BD-RD-RB	qson		frsn				0			
BU-BD-RD-RF	qsop		frso				0			
BU-BD-RD-DL	qsox		frst				0		O	
BU-BD-DL-UR	qsxb		frtc				0		A	
BU-BD-DL-DF	qsxu		frtd				0			
BU-BD-DL-LU	qsxe		frte				0		A	
BU-BD-DL-RU	qsxm		frtg				0			
BU-BD-DL-FU	qsxi		frth				0		L	
BU-BD-DL-LB	qsxh		frtk				0			
BU-BD-DL-BL	qsxr		frtl				0		F	
BU-BD-DL-BR	qsxt		frtm				0		A	
BU-BD-DL-RB	qsxn		frtn				0		A	
BU-BD-DL-RF	qsxp		frto				0			
BU-BD-DL-FR	qsxj		frtp				0			
BU-BD-DL-RD	qsxo		frts				0			
BU-BD-DL-DB	qsxw		frtu				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		
	BU-BD-DB-UR	qswb	fruc					0		
	BU-BD-DB-BL	qsqr	frul					0		
	BU-BD-DB-RB	qswn	frun					0		
	BU-BD-DB-RD	qswo	frus					0		
	BU-BD-DB-DL	qswx	frut					0	0	
	BU-BD-DR-UL	qsvd	frva					0		A
	BU-BD-DR-UR	qsvb	frvc					0		
	BU-BD-DR-DF	qsvu	frvd					0		A
	BU-BD-DR-LU	qsve	frve					0		
	BU-BD-DR-RU	qsvm	frvg					0	0	
	BU-BD-DR-LF	qsvf	frvj					0		
	BU-BD-DR-BL	qsrv	frvl					0		A
	BU-BD-DR-FR	qsvj	frvp					0		
	BU-BD-DR-LD	qsvg	frvq					0	0	
	BU-RD-UL-UR	qodb	fsac					0		
	BU-RD-UL-DF	qodu	fsad					0		
	BU-RD-UL-RU	qodm	fsag					0		
	BU-RD-UL-FU	qodi	fsah					0		
	BU-RD-UL-FL	qodl	fsai					0		
	BU-RD-UL-LF	qodf	fsaj					0		
	BU-RD-UL-LB	qodh	fsak					0		
	BU-RD-UL-BL	qodr	fsal					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		
	BU-RD-UL-BR	qodt	fsam					0		
	BU-RD-UL-FR	qodj	fsap					0		
	BU-RD-UL-LD	qodg	fsaq					0		
	BU-RD-UL-BD	qods	fsar					0		
	BU-RD-UL-DL	qodx	fsat					0		A
	BU-RD-UL-DB	qodw	fsau					0		
	BU-RD-UB-UR	qoab	fsbc					0		
	BU-RD-UB-DF	qoau	fsbd					0		O
	BU-RD-UB-LU	qoae	fsbe					0		O
	BU-RD-UB-BL	qoar	fsbl					0		O
	BU-RD-UB-FR	qoaj	fsbp					0		A
	BU-RD-UB-LD	qoag	fsbq					0		O
	BU-RD-UB-DL	qoax	fsbt					0		O
	BU-RD-UB-DB	qoaw	fsbu					0		
	BU-RD-UR-DF	qobu	fscd					0		
	BU-RD-UR-LF	qobl	fsci					0		
	BU-RD-UR-LF	qobf	fscj					0		
	BU-RD-UR-LB	qobh	fsck					0		O
	BU-RD-UR-BL	qobr	fscl					0		A
	BU-RD-UR-BR	qobt	fscm					0		A
	BU-RD-UR-RB	qobn	fscn					0		O
	BU-RD-UR-FR	qobj	fscp					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
BU-RD-UR-LD	qobg		fscq				0		0	
BU-RD-UR-DL	qobx		fsct				0		0	
BU-RD-UR-DB	qobw		fscu				0		A	
BU-RD-DF-UL	qoud		fsda				0			
BU-RD-DF-UR	qoub		fsdc				0			
BU-RD-DF-LU	qoue		fsde				0			
BU-RD-DF-FL	qoul		fsdi				0			
BU-RD-DF-LF	qouf		fsdij				0			
BU-RD-DF-LB	qouh		fsdk				0			
BU-RD-DF-BL	qour		fsdl				0			
BU-RD-DF-BR	qout		fsdm				0			
BU-RD-DF-RB	qoun		fsdn				0		A	
BU-RD-DF-RF	qoup		fsdo				0			
BU-RD-DF-LD	qoug		fsdq				0		A	
BU-RD-DF-BD	qous		fsdr				0		0	
BU-RD-DF-DL	qoux		fsdt				0		0	
BU-RD-DF-DB	qouw		fsdu				0		A	
BU-RD-LU-UB	qoea		fseb				0			
BU-RD-LU-DF	qoeu		fsed				0			
BU-RD-LU-RU	qoem		fseg				0			
BU-RD-LU-LF	qoef		fsej				0			
BU-RD-LU-BL	qoer		fsel				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-RD-LU-BR	qoet	fsem				0			
	BU-RD-LU-RB	qoen	fsen				0			
	BU-RD-LU-RF	qoep	fseo				0		A	
	BU-RD-LU-FR	qoej	fsep				0			
	BU-RD-LU-LD	qoeg	fseq				0			
	BU-RD-LU-BD	qoes	fser				0			
	BU-RD-LU-DB	qoew	fseu				0			
	BU-RD-RU-UL	qomd	fsga				0			
	BU-RD-RU-FU	qomi	fsgh				0			
	BU-RD-RU-LF	qomf	fsgj				0			
	BU-RD-RU-LB	qomh	fsgk	wajr kbkr jv	F' U R E2 R' U' R' E2 R F		10		0	
	BU-RD-RU-RB	qomn	fsgn	jwjb sakv btak	R F' R U' S U R' F U' S' U R'		12		0	
	BU-RD-RU-RF	qomp	fsgo				0		A	
	BU-RD-RU-FR	qomj	fsgp				0		A	
	BU-RD-RU-LD	qomg	fsgq	smb s anet dn	S M U' S U M' D' S' D M'		10		P	
	BU-RD-RU-BD	qoms	fsgr				0			
	BU-RD-RU-DL	qomx	fsgt				0			
	BU-RD-RU-DB	qomw	fsgu				0			
	BU-RD-FU-UL	qoid	fsha				0			
	BU-RD-FU-RU	qoim	fshg				0			
	BU-RD-FU-FL	qoil	fshi				0			
	BU-RD-FU-LF	qoif	fshj				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		
	BU-RD-FU-LB	qoih	fshk					0		
	BU-RD-FU-BL	qoir	fshl					0		
	BU-RD-FU-LD	qoig	fshq					0	L	
	BU-RD-FU-BD	qois	fshr					0	F	
	BU-RD-FU-DB	qoiw	fshu					0		
	BU-RD-FL-UR	qolb	fsic					0		
	BU-RD-FL-DF	qolu	fsid					0		
	BU-RD-FL-RU	qolm	fsig					0		
	BU-RD-FL-BR	qolt	fsim					0		
	BU-RD-FL-RB	qoln	fsin	jewm vndk	R D' F' M F M' D R'		8		A	
	BU-RD-FL-FR	qolj	fsip					0		
	BU-RD-FL-BD	qols	fsir				0			
	BU-RD-FL-FD	qolk	fsix	jwmv nk	R F' M F M' R'		6		A	
	BU-RD-LF-UL	qofd	fsja					0		
	BU-RD-LF-UR	qofb	fsjc					0		
	BU-RD-LF-DF	qofu	fsjd					0		
	BU-RD-LF-RU	qofm	fsjg					0		
	BU-RD-LF-LB	qofh	fsjk					0	A	
	BU-RD-LF-BL	qofr	fsjl					0		
	BU-RD-LF-BR	qoft	fsjm					0		
	BU-RD-LF-FR	qofj	fsjp					0	A	
	BU-RD-LF-LD	qofg	fsjq					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-RD-LF-BD	qofs	fsjr	lbvb mbnc wal	R2 U' F U' M U' M' U2 F' U R2		11			
	BU-RD-LB-UR	qohb	fskc				0			
	BU-RD-LB-DF	qohu	fskd				0		P	
	BU-RD-LB-LU	qohe	fske				0		F	
	BU-RD-LB-RU	qohm	fskg				0			
	BU-RD-LB-FL	qohl	fski				0		A	
	BU-RD-LB-LF	qohf	fskj				0			
	BU-RD-LB-RB	qohn	fskn				0			
	BU-RD-LB-RF	qohp	fsko				0			
	BU-RD-LB-FR	qohj	fskp				0		P	
	BU-RD-LB-LD	qohg	fskq				0		A	
	BU-RD-LB-BD	qohs	fskr				0		A	
	BU-RD-LB-DB	qohw	fsku				0			
	BU-RD-BL-UL	qord	fsla				0		P	
	BU-RD-BL-UR	qorb	fslc				0		P	
	BU-RD-BL-DF	qoru	fsld				0		A	
	BU-RD-BL-RU	qorm	fslg				0		O	
	BU-RD-BL-FU	qori	fslh				0		P	
	BU-RD-BL-FL	qorl	fsli				0		A	
	BU-RD-BL-LF	qorf	fslj	hubt atg	L' S2 U' S' U S' L		7		A	
	BU-RD-BL-BR	qort	fslm				0			
	BU-RD-BL-RB	qorn	fsln				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-RD-BL-RF	qorp	fslo				0			A
	BU-RD-BL-LD	qorg	fslq				0			
	BU-RD-BL-BD	qors	fslr	hcnd neo cg	L' U2 M' D M' D' M2 U2 L		9			
	BU-RD-BL-DL	qorx	fslt				0			
	BU-RD-BL-DB	qorw	fslu				0			
	BU-RD-BR-UL	qotd	fsma				0			
	BU-RD-BR-LU	qote	fsme				0			A
	BU-RD-BR-RU	qotm	fsmg				0			
	BU-RD-BR-FU	qoti	fsmh				0			
	BU-RD-BR-FL	qotl	fsmi				0			A
	BU-RD-BR-LF	qotf	fsmj				0			
	BU-RD-BR-BL	qotr	fsml	fjtg tabs hskf	D2 R S' L S' U S U' L' S R' D2		12			
	BU-RD-BR-RF	qotp	fsmo				0			
	BU-RD-BR-FR	qotj	fsmp				0			A
	BU-RD-BR-DB	qotw	fsmu				0			O
	BU-RD-RB-UL	qond	fsna	ktka sbtj sj	R' S' R' U S U' S' R S R		10			
	BU-RD-RB-UB	qona	fsnb				0			
	BU-RD-RB-RU	qonm	fsng				0			
	BU-RD-RB-FU	qoni	fsnh				0			
	BU-RD-RB-FL	qonl	fsni				0			
	BU-RD-RB-LF	qonf	fsnj				0			
	BU-RD-RB-LB	qonh	fsnk				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-RD-RB-LD	qong	fsnq	skcs ata jt	S R' U2 S U S' U R S'		9			
	BU-RD-RB-BD	qons	fsnr				0		0	
	BU-RD-RB-DL	qonx	fsnt				0			
	BU-RD-RB-DB	qonw	fsnu				0			
	BU-RD-RB-DR	qonv	fsnv				0			
	BU-RD-RF-UL	qopd	fsoa				0			
	BU-RD-RF-UR	qopb	fsoc				0		A	
	BU-RD-RF-DF	qopu	fsod				0			
	BU-RD-RF-LU	qope	fsoe				0			
	BU-RD-RF-FU	qopi	fsoh				0			
	BU-RD-RF-FL	qopl	fsoi				0			
	BU-RD-RF-LF	qopf	fsoj				0			
	BU-RD-RF-LB	qoph	fsok				0			
	BU-RD-RF-BR	qopt	fsom				0		C	
	BU-RD-RF-RB	qopn	fsos				0			
	BU-RD-RF-DL	qopx	fsot				0			
	BU-RD-RF-DB	qopw	fsou				0			
	BU-RD-FR-UL	qojd	fspa				0			
	BU-RD-FR-DF	qoju	fspd				0			
	BU-RD-FR-LU	qoje	fspe				0			
	BU-RD-FR-RU	qojm	fspg				0			
	BU-RD-FR-FU	qoji	fspsh				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		
	BU-RD-FR-FL	qojl	fspl					0		
	BU-RD-FR-LF	qojf	fspj					0		
	BU-RD-FR-LB	qojh	fspk					0		
	BU-RD-FR-BL	qojr	fspl					0		A
	BU-RD-FR-BR	qojt	fspm					0		F
	BU-RD-FR-RB	qojn	fspn					0		
	BU-RD-FR-LD	qojg	fspq	bktj tcku jb	U' R' S' R S' U2 R' S2 R U'			10		A
	BU-RD-FR-BD	qojs	fspr					0		
	BU-RD-FR-DL	qojx	fspt					0		
	BU-RD-FR-DB	qojw	fspu					0		A
	BU-RD-LD-UL	qogd	fsqa					0		
	BU-RD-LD-UR	qogb	fsqc	bgag shbh ta	U' L U L S L' U' L' S' U			10		
	BU-RD-LD-DF	qogu	fsqd					0		
	BU-RD-LD-RU	qogm	fsqg					0		
	BU-RD-LD-FU	qogi	fsqh					0		
	BU-RD-LD-FL	qogl	fsqi					0		
	BU-RD-LD-LF	qogf	fsqj					0		
	BU-RD-LD-LB	qogh	fsqk					0		F
	BU-RD-LD-BL	qogr	fsql					0		
	BU-RD-LD-BR	qogt	fsqm					0		
	BU-RD-LD-RF	qogp	fsqo					0		A
	BU-RD-LD-DL	qogx	fsqt					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
	BU-RD-LD-DB	qogw	fsqu	bujd jske ksa	U' S2 R D R S R' D' R' S U		11			
	BU-RD-BD-UL	qosd	fsra				0		A	
	BU-RD-BD-UR	qosb	fsrc				0		A	
	BU-RD-BD-DF	qosu	fsrd	tbmb maoas	S' U' M U' M U M2 U S		9		A	
	BU-RD-BD-LU	qose	fsre				0		A	
	BU-RD-BD-RU	qosm	fsrg				0		F	
	BU-RD-BD-FL	qosl	fsri				0			
	BU-RD-BD-LF	qosf	fsrj				0		C	
	BU-RD-BD-BR	qost	fsrm				0			
	BU-RD-BD-RB	qosn	fsrn				0		A	
	BU-RD-BD-LD	qosg	fsrq				0			
	BU-RD-BD-DL	qosx	fsrt				0		A	
	BU-RD-DL-UL	qoxd	fsta				0			
	BU-RD-DL-UR	qoxb	fstc				0		A	
	BU-RD-DL-RU	qoxm	fstg				0			
	BU-RD-DL-FU	qoxi	fsth				0		L	
	BU-RD-DL-FL	qoxl	fsti				0			
	BU-RD-DL-LF	qoxf	fstj				0			
	BU-RD-DL-LB	qoxh	fstk				0		O	
	BU-RD-DL-BL	qoxr	fstl				0		O	
	BU-RD-DL-BR	qoxt	fstm				0		F	
	BU-RD-DL-RB	qoxn	fstn				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-RD-DL-RF	qoxp	fsto	tkbj skta js	S' R' U' R S R' S' U R S		10			
	BU-RD-DL-FR	qoxj	fstp				0			
	BU-RD-DB-UL	qowd	fsua				0			
	BU-RD-DB-UR	qowb	fsuc				0			
	BU-RD-DB-DF	qowu	fsud	vjvn xovk wn	F R F M' F2 M2 F R' F' M'		10			
	BU-RD-DB-LU	qowe	fsue				0			
	BU-RD-DB-RU	qowm	fsug				0			
	BU-RD-DB-FU	qowi	fsuh				0			
	BU-RD-DB-FL	qowl	fsui				0		A	
	BU-RD-DB-LF	qowf	fsuj				0			
	BU-RD-DB-LB	qowh	fsuk				0			
	BU-RD-DB-BL	qowr	fsul	gsbm bsat nath	L S U' M U' S U S' M' U S' L'		12			
	BU-RD-DB-BR	qowt	fsun				0			
	BU-RD-DB-RB	qown	fsun				0		F	
	BU-RD-DB-RF	qowp	fsuo				0			
	BU-RD-DB-LD	qowg	fsuq				0			
	BU-RD-DB-DL	qowx	fsut				0			
	BU-RD-FD-BR	qokt	fsxm				0			
	BU-DL-UL-DF	qxdu	ftad				0		A	
	BU-DL-UL-FU	qxdi	ftah				0			
	BU-DL-UL-FL	qxdl	ftai				0			
	BU-DL-UL-LF	qxdf	ftaj				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-DL-UL-LB	qxdh	ftak				0			A
	BU-DL-UL-BL	qxdr	ftal				0			
	BU-DL-UL-BR	qxdt	ftam				0			
	BU-DL-UL-RB	qxdn	ftan				0			
	BU-DL-UL-RF	qxdp	ftao				0			
	BU-DL-UL-FR	qxdj	ftap				0			
	BU-DL-UL-LD	qxdg	ftaq				0			
	BU-DL-UL-BD	qxds	ftar				0			
	BU-DL-UL-RD	qxdo	ftas				0			
	BU-DL-UL-DB	qxdw	ftau				0			
	BU-DL-UL-DR	qxdv	ftav				0			
	BU-DL-UB-UR	qxab	ftbc				0			
	BU-DL-UB-BL	qxar	ftbl				0		0	
	BU-DL-UB-BR	qxat	ftbm				0		0	
	BU-DL-UB-FR	qxaj	ftbp				0		0	
	BU-DL-UB-LD	qxag	ftbq				0			
	BU-DL-UR-LU	qxbe	ftce				0			
	BU-DL-UR-FL	qxbl	ftci				0			
	BU-DL-UR-LF	qxbf	ftcj				0			
	BU-DL-UR-BL	qxbr	ftcl				0			
	BU-DL-UR-BR	qxbt	ftcm	etka mbnj sd	D' S' R' U M U' r S D		10			
	BU-DL-UR-RB	qxbn	ftcn				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		
	BU-DL-UR-RF	qxbp	ftco					0		
	BU-DL-UR-BD	qxbs	ftcr					0		0
	BU-DL-UR-RD	qxbo	ftcs					0		
	BU-DL-UR-DB	qxbw	ftcu					0		A
	BU-DL-UR-DR	qxbv	ftcv					0		
	BU-DL-DF-UL	qxud	ftda					0		
	BU-DL-DF-LU	qxue	ftde	bnas btma	U' M' U S U' S' M U			8		
	BU-DL-DF-RU	qxum	ftdg					0		
	BU-DL-DF-FL	qxul	ftdi					0		
	BU-DL-DF-LF	qxuf	ftdj					0		
	BU-DL-DF-LB	qxuh	ftdk					0		0
	BU-DL-DF-BL	qxur	ftdl					0		0
	BU-DL-DF-RB	qxun	ftdn					0		A
	BU-DL-DF-BD	qxus	ftdr					0		
	BU-DL-DF-DR	qxuv	ftdv					0		A
	BU-DL-LU-UR	qxeb	ftec					0		
	BU-DL-LU-DF	qxeu	fted					0		
	BU-DL-LU-RU	qxem	fteg					0		
	BU-DL-LU-FL	qxel	ftei					0		
	BU-DL-LU-LF	qxef	ftej					0		
	BU-DL-LU-BL	qxer	ftel					0		
	BU-DL-LU-RB	qxen	ften					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		
	BU-DL-LU-RF	qxep	fteo					0		
	BU-DL-LU-BD	qxes	fter	scma nat	S U2 M U M' U S'			7		F
	BU-DL-LU-DB	qxew	fteu					0		
	BU-DL-LU-DR	qxev	ftev					0		
	BU-DL-LU-FD	qxek	ftex	snam bt	S M' U M U' S'			6		
	BU-DL-RU-UL	qxmd	ftga					0		
	BU-DL-RU-DF	qxmu	ftgd	eibm akin jd	D' L2 U' M U R' L2 r D			10		O
	BU-DL-RU-LU	qxme	ftge					0		
	BU-DL-RU-LB	qxmh	ftgk					0		
	BU-DL-RU-BL	qxmr	ftgl					0		
	BU-DL-RU-BR	qxmt	ftgm					0		
	BU-DL-RU-RB	qxmn	ftgn					0		
	BU-DL-RU-RF	qxmp	ftgo					0		
	BU-DL-RU-FR	qxmj	ftgp					0		
	BU-DL-RU-BD	qxms	ftgr					0		
	BU-DL-RU-RD	qxmo	ftgs					0		
	BU-DL-RU-DB	qxmw	ftgu					0		
	BU-DL-RU-DR	qxmv	ftgv					0		
	BU-DL-FU-UL	qxit	ftha					0		
	BU-DL-FU-UR	qxib	fthc					0		
	BU-DL-FU-FL	qxil	fthi					0		A
	BU-DL-FU-LB	qxih	fthk					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
	BU-DL-FU-BL	qxir	fthl				0		0	
	BU-DL-FU-RF	qxip	ftho				0		0	
	BU-DL-FU-RD	qxio	fths				0		0	
	BU-DL-FL-UL	qxld	ftia				0		0	
	BU-DL-FL-UR	qxlb	ftic				0		0	
	BU-DL-FL-DF	qxlu	ftid	bova sbwt oa	U' M2 F U S U' f M2 U		10			
	BU-DL-FL-LU	qxle	ftie				0		0	
	BU-DL-FL-RU	qxlm	ftig				0		F	
	BU-DL-FL-FU	qxli	ftih				0		A	
	BU-DL-FL-LB	qxlh	ftik				0		L	
	BU-DL-FL-BL	qxlr	ftil				0		A	
	BU-DL-FL-BR	qxlt	ftim				0		P	
	BU-DL-FL-RB	qxln	ftin	bxsj skx ua	U' F2 S R S R' f2 U		9		A	
	BU-DL-FL-BD	qxls	ftir				0		O	
	BU-DL-FL-RD	qxlo	ftis				0		0	
	BU-DL-FL-DB	qxlw	ftiu				0		0	
	BU-DL-FL-DR	qxlv	ftiv				0		0	
	BU-DL-LF-UL	qxfd	ftja				0		A	
	BU-DL-LF-UR	qxfb	ftjc				0		0	
	BU-DL-LF-DF	qxfu	ftjd				0		0	
	BU-DL-LF-LU	qxfe	ftje				0		0	
	BU-DL-LF-RU	qxfm	ftjg				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		O
	BU-DL-LF-FU	qxfi	ftjh					0		
	BU-DL-LF-LB	qxfh	ftjk					0		L
	BU-DL-LF-BL	qxfr	ftjl					0		
	BU-DL-LF-BR	qxft	ftjm					0		
	BU-DL-LF-RB	qxfn	ftjn					0		A
	BU-DL-LF-RF	qxfp	ftjo					0		
	BU-DL-LF-FR	qxfj	ftjp					0		
	BU-DL-LF-RD	qxfo	ftjs					0		
	BU-DL-LF-DB	qxfw	ftju					0		
	BU-DL-LF-DR	qxfv	ftjv					0		
	BU-DL-LB-UL	qxhd	ftka					0		A
	BU-DL-LB-UB	qxha	ftkb					0		
	BU-DL-LB-UR	qxhb	ftkc					0		
	BU-DL-LB-DF	qxhu	ftkd					0		
	BU-DL-LB-RU	qxhm	ftkg					0		
	BU-DL-LB-FU	qxhi	ftkh					0		O
	BU-DL-LB-LF	qxhf	ftkj					0		
	BU-DL-LB-RD	qxho	ftks					0		A
	BU-DL-LB-DB	qxhw	ftku					0		
	BU-DL-BL-UL	qxrd	ftla					0		A
	BU-DL-BL-UR	qxrb	ftlc					0		
	BU-DL-BL-DF	qxru	ftld	bntm vkpj wa	U' M' S' M F R' E R F' U			10		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	BU-DL-BL-LU	qxre	ftle					0		
	BU-DL-BL-RU	qxrm	ftlg					0		0
	BU-DL-BL-FL	qxrl	ftli					0		0
	BU-DL-BL-LF	qxrf	ftlj					0		
	BU-DL-BL-RB	qxrn	ftln					0		
	BU-DL-BL-RF	qxrp	ftlo					0		C
	BU-DL-BL-FR	qxrj	ftlp					0		0
	BU-DL-BL-BD	qxrs	ftlr					0		
	BU-DL-BL-DR	qxrv	ftlv					0		
	BU-DL-BR-UR	qxtb	ftmc					0		
	BU-DL-BR-RU	qxtm	ftmg					0		
	BU-DL-BR-FU	qxti	ftmh					0		0
	BU-DL-BR-FL	qxtl	ftmi					0		
	BU-DL-BR-LF	qxtf	ftmj					0		
	BU-DL-BR-BL	qxtr	ftml	enjt jwpv kskd	D' r S' R F' E F R' S R' D			12		
	BU-DL-BR-RF	qxtp	ftmo					0		
	BU-DL-BR-FR	qxtj	ftmp					0		
	BU-DL-BR-BD	qxts	ftmr					0		
	BU-DL-RB-UR	qxnb	ftnc					0		
	BU-DL-RB-LU	qxne	ftne					0		
	BU-DL-RB-RU	qxnm	ftng					0		
	BU-DL-RB-LF	qxnf	ftnj					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		
	BU-DL-RB-LB	qxnh	ftnk					0		
	BU-DL-RB-RF	qxnp	ftno					0		
	BU-DL-RF-UL	qxpd	ftoa					0		
	BU-DL-RF-FL	qxpl	ftoi					0		
	BU-DL-RF-LF	qxpf	ftoj					0		
	BU-DL-RF-LB	qxph	ftok					0		
	BU-DL-RF-BR	qxpt	ftom					0		
	BU-DL-RF-RD	qxpo	ftos					0		
	BU-DL-RF-DB	qxpw	ftou					0		
	BU-DL-RF-DR	qxpv	ftov					0		
	BU-DL-FR-UR	qxjb	ftpC					0		A
	BU-DL-FR-DF	qxju	ftpD					0		
	BU-DL-FR-RU	qxjm	ftpG					0		0
	BU-DL-FR-FU	qxji	ftpH					0		0
	BU-DL-FR-FL	qxjl	ftpI					0		
	BU-DL-FR-LF	qxjf	ftpJ					0		
	BU-DL-FR-LB	qxjh	ftpK					0		
	BU-DL-FR-BL	qxjr	ftpL					0		
	BU-DL-FR-BR	qxjt	ftpM	ajtj slsj tkb	U R S' R S R2 S R S' R' U'		11	0		
	BU-DL-FR-RB	qxjn	ftpN					0		
	BU-DL-FR-DR	qxjv	ftpV					0		
	BU-DL-LD-DF	qxgu	ftqd					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
	BU-DL-LD-FU	qxgi	ftqh				0			0
	BU-DL-BD-UL	qxsd	ftra				0			
	BU-DL-BD-UR	qxsb	ftrc				0			F
	BU-DL-BD-DF	qxsu	ftrd	bues dsa	U' S2 D' S D S U		7			A
	BU-DL-BD-LU	qxse	ftre				0			
	BU-DL-BD-RU	qxsm	ftrg				0			O
	BU-DL-BD-FL	qxsl	ftri				0			
	BU-DL-BD-LF	qxsf	ftrj				0			
	BU-DL-BD-LB	qxsh	ftrk				0			
	BU-DL-BD-BL	qxsr	ftrl				0			
	BU-DL-BD-BR	qxst	ftrm				0			O
	BU-DL-BD-RB	qxsn	ftrn	faws ktjv fb	D2 U F' S R' S' R F D2 U'		10			A
	BU-DL-BD-RF	qxsp	ftro				0			
	BU-DL-BD-LD	qxsg	ftrq				0			
	BU-DL-BD-RD	qxso	ftrs				0			O
	BU-DL-BD-DR	qxsv	ftrv				0			
	BU-DL-RD-UL	qxod	ftsa	lcsa tal	R2 U2 S U S' U R2		7			
	BU-DL-RD-UR	qxob	ftsc	tfia sbif	S' D2 L2 U S U' L2 D2		8			A
	BU-DL-RD-DF	qxou	ftsd	Ibxb satx al	R2 U' F2 U' S U S' F2 U R2		10			
	BU-DL-RD-LU	qxoe	ftse	saic sauia ib	S U L2 U2 S U S2 U L2 U'		10			
	BU-DL-RD-RU	qxom	ftsg	csan albn tal	U2 S U M' U R2 U' M S' U R2		11			
	BU-DL-RD-FU	qxoi	ftsh				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
	BU-DL-RD-FL	qxol	ftsi	jqbt gshp ak	R E' U' S' L S L' E U R'		10		A	
	BU-DL-RD-LF	qxof	ftsj	lbvb sawt al	R2 U' F U' S U f' U R2		10			
	BU-DL-RD-LB	qxoh	ftsk	gbsa hbug sha	L U' S U L' U' S2 L S L' U		11			
	BU-DL-RD-BL	qxor	ftsl	wbhs gtav	F' U' L' S L S' U F		8		0	
	BU-DL-RD-BR	qxot	ftsm	vruk sjaw	F U' S2 R' S R S U F'		9			
	BU-DL-RD-RB	qxon	ftsn	lbwb saws al	R2 U' F' U' S U S' F U R2		10		0	
	BU-DL-RD-RF	qxop	ftso	watb vkas bj	F' U S' U' F R' U S U' R		10			
	BU-DL-RD-FR	qxoj	ftsp	lcks atbj cl	R2 U2 R' S U S' U' R U2 R2		10			
	BU-DL-RD-BD	qxos	ftsr	xene mfx	F2 D' M' D' M D2 F2		7			
	BU-DL-RD-DB	qxow	ftsu	albo emad lbm	U R2 U' M2 D' M U D R2 U' M		11			
	BU-DL-DB-UL	qxwd	ftua	sbtm bnam an	S U' S' M U' M' U M U M'		10			
	BU-DL-DB-UR	qxwb	ftuc	mlbs dtan el	M R2 U' S D S' U M' D' R2		10			
	BU-DL-DB-DF	qxwu	ftud				0			
	BU-DL-DB-LU	qxwe	ftue	ambs btc nb	U M U' S U' S' U2 M' U'		9			
	BU-DL-DB-RU	qxwm	ftug	bmbs atna	U' M U' S U S' M' U		8		0	
	BU-DL-DB-FU	qxwi	ftuh				0		P	
	BU-DL-DB-FL	qxwl	ftui	ethb mang sd	D' S' L' U' M U M' L S D		10			
	BU-DL-DB-LF	qxwf	ftuj	bhdg thse ga	U' L' D L S' L' S D' L U		10			
	BU-DL-DB-LB	qxwh	ftuk	bgdh tgse ha	U' L D L' S' L S D' L' U		10			
	BU-DL-DB-BL	qxwr	ftul	bphd gths egqa	u' L' D L S' L' S D' L u		12			
	BU-DL-DB-BR	qxwt	ftum	mjbs dtan ek	M R U' S D S' U M' D' R'		10			
	BU-DL-DB-RB	qxwn	ftun	kbmb satn aj	R' U' M U' S U S' M' U 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
	BU-DL-DB-RF	qxwp	ftuo	jbmЬ satn ak	R U' M U' S U S' M' U R'		10			
	BU-DL-DB-FR	qxwj	ftup	mkbs dtan ej	r' U' S D S' U M' D' R		10			
	BU-DL-DB-LD	qxwg	ftuq				0			
	BU-DL-DB-RD	qxwo	ftus				0			
	BU-DL-DB-DR	qxwv	ftuv	mbsd tane	M U' S D S' U M' D'		8			
	BU-DL-DR-UL	qxvd	ftva				0			
	BU-DL-DR-UB	qxva	ftvb				0			
	BU-DL-DR-UR	qxvb	ftvc				0			
	BU-DL-DR-DF	qxvu	ftvd				0			
	BU-DL-DR-LU	qxve	ftve				0			
	BU-DL-DR-RU	qxvm	ftvg				0			
	BU-DL-DR-FU	qxvi	ftvh				0			
	BU-DL-DR-FL	qxvl	ftvi	sbtb vbta swc	S U' S' U' F U' S' U S F' U2		11			
	BU-DL-DR-LF	qxvf	ftvj	bhfg thsf ga	U' L' D2 L S' L' S D2 L U		10		0	
	BU-DL-DR-LB	qxvh	ftvk	bjxh pgqx ka	U' R F2 L' E L E' F2 R' U		10		F	
	BU-DL-DR-BL	qxvr	ftvl	jwbg tgsi avk	R F' U' L S' L S L2 U F R'		11			
	BU-DL-DR-BR	qxvt	ftvm	bltj tjsk sja	U' R2 S' R S' R S R' S R U		11			
	BU-DL-DR-RB	qxvn	ftvn	bksj csku jb	U' R' S R U2 S R' S2 R U'		10			
	BU-DL-DR-RF	qxvp	ftvo	bjsk csju kb	U' R S R' U2 S R S2 R' U'		10			
	BU-DL-DR-FR	qxvj	ftvp	jbwa sbtv ak	R U' F' U S U' S' F U R'		10			
	BU-DL-DR-BD	qxvs	ftvr				0			0
	BU-DL-DR-DB	qxvw	ftvu	btbo dmem bsb	U' S' U' M2 D M D' M U' S 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
	BU-DB-UL-UR	qwdb	fuac	sbmt bsan at	S U' M S' U' S U M' U S'		10			
	BU-DB-UL-DF	qwdw	fuad				0		0	
	BU-DB-UL-RU	qwdm	fuag	nfxa mbxf	M' D2 F2 U M U' F2 D2		8			
	BU-DB-UL-FL	qwdl	fuai	shbm angt	S L' U' M U M' L S'		8			
	BU-DB-UL-LF	qwdx	fuaj	qsgb manh tp	E' S L U' M U I' S' E		10			
	BU-DB-UL-LB	qwdh	fuak				0			
	BU-DB-UL-BR	qwdt	fuam				0			
	BU-DB-UL-RB	qwdn	fuan				0			
	BU-DB-UL-RF	qwdp	fuao	kfsd tbmd anj	R' D2 S D S' U' M D U r		11			
	BU-DB-UL-FR	qwdj	fuap	rsgb manh tr	E2 S L U' M U I' S' E2		10			
	BU-DB-UL-LD	qwdg	fuaq	sbma nt	S U' M U M' S'		6			
	BU-DB-UL-RD	qwdo	fuas	sibm anit	S L2 U' M U M' L2 S'		8			
	BU-DB-UL-DL	qwdx	fuat	nbte mdns am	M' U' S' D' M D M' S U M		10			
	BU-DB-UL-DR	qwdv	fuav	nesa tmds bt	M' D' S U S' M D S U' S'		10			
	BU-DB-UB-LU	qwae	fube				0			
	BU-DB-UB-LD	qwag	fubq				0			
	BU-DB-UB-DL	qwax	fubt				0			
	BU-DB-UR-UL	qwbd	fuca				0			
	BU-DB-UR-DF	qwbu	fucd				0			
	BU-DB-UR-LU	qwbe	fuce				0			
	BU-DB-UR-FU	qwbi	fuch				0			
	BU-DB-UR-FL	qwbl	fuci				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		
	BU-DB-UR-LF	qwb ^f	fu ^{cj}				0			
	BU-DB-UR-LB	qwbh	fu ^{ck}				0		A	
	BU-DB-UR-BR	qwb ^t	fu ^{cm}				0		O	
	BU-DB-UR-RB	qwb ⁿ	fu ^{cn}				0			
	BU-DB-UR-RF	qwb ^p	fu ^{co}				0			
	BU-DB-UR-FR	qwb ^j	fu ^{cp}				0		O	
	BU-DB-UR-RD	qwb ^o	fu ^{cs}				0			
	BU-DB-UR-DL	qwb ^x	fu ^{ct}				0			
	BU-DB-UR-DR	qwb ^v	fu ^{cv}				0		C	
	BU-DB-DF-UL	qwud	fu ^{da}				0			
	BU-DB-DF-UR	qwub	fu ^{dc}				0			
	BU-DB-DF-LU	qwue	fu ^{de}				0			
	BU-DB-DF-RU	qwum	fu ^{dg}				0		O	
	BU-DB-DF-FL	qwul	fu ^{di}				0			
	BU-DB-DF-LF	qwuf	fu ^{dj}				0			
	BU-DB-DF-LB	qwuh	fu ^{dk}				0			
	BU-DB-DF-BL	qwur	fu ^{dl}				0		P	
	BU-DB-DF-BR	qwut	fu ^{dm}				0			
	BU-DB-DF-RB	qwun	fu ^{dn}				0		A	
	BU-DB-DF-RF	qwup	fu ^{do}				0		P	
	BU-DB-DF-LD	qwug	fu ^{dq}				0		A	
	BU-DB-DF-RD	qwuo	fu ^{ds}				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
	BU-DB-DF-DL	qwux	fudt				0			
	BU-DB-DF-DR	qwuv	fudv				0			
	BU-DB-LU-UR	qweb	fuec	ambn	U M U' M'		4			
	BU-DB-LU-FU	qwei	fueh				0			
	BU-DB-LU-FL	qwel	fuei				0			
	BU-DB-LU-LF	qwef	fuej				0			
	BU-DB-LU-LB	qweh	fuek				0			
	BU-DB-LU-BL	qwer	fuel				0		0	
	BU-DB-LU-BR	qwet	fuem	kamb nj	R' U M U' r		6			
	BU-DB-LU-RF	qwep	fueo				0		0	
	BU-DB-LU-FR	qwej	fuep	jamb nk	R U M U' M' R'		6			
	BU-DB-LU-LD	qweg	fueq				0		L	
	BU-DB-LU-DL	qwex	fuet				0			
	BU-DB-LU-DR	qwev	fuev	lamb nl	R2 U M U' M' R2		6		F	
	BU-DB-RU-UL	qwmd	fuga	bman	U' M U M'		4		O	
	BU-DB-RU-LU	qwme	fuge				0		O	
	BU-DB-RU-FL	qwml	fugi				0		P	
	BU-DB-RU-LF	qwmf	fugj				0		O	
	BU-DB-RU-LB	qwmh	fugk				0			
	BU-DB-RU-BL	qwmr	fugl				0			
	BU-DB-RU-BR	qwmt	fugm				0			
	BU-DB-RU-RB	qwmn	fugn				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		
	BU-DB-RU-RF	qwmp	fugo					0		
	BU-DB-RU-FR	qwmj	fugp					0		A
	BU-DB-RU-RD	qwmo	fugs					0		
	BU-DB-RU-DL	qwmx	fugt	olem dlm	r2 D' M D R2 M			7		
	BU-DB-RU-DR	qwmv	fugv					0		
	BU-DB-FU-UL	qwid	fuha					0		
	BU-DB-FU-UR	qwib	fuhc					0		
	BU-DB-FU-LU	qwie	fuhe					0		
	BU-DB-FU-RU	qwim	fuhg					0		F
	BU-DB-FU-FL	qwil	fuhi					0		
	BU-DB-FU-LF	qwif	fuhj					0		A
	BU-DB-FU-BL	qwir	fuhl					0		
	BU-DB-FU-BR	qwit	fuhm					0		O
	BU-DB-FU-RB	qwin	fuhn					0		O
	BU-DB-FU-RF	qwip	fuho					0		
	BU-DB-FU-FR	qwij	fuhp					0		F
	BU-DB-FU-BD	qwis	fuhr					0		L
	BU-DB-FL-UB	qwla	fuib					0		
	BU-DB-FL-UR	qwlb	fuic					0		
	BU-DB-FL-DF	qwlw	fuid					0		A
	BU-DB-FL-LU	qwle	fuie					0		F
	BU-DB-FL-RU	qwlm	fuig					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		L
	BU-DB-FL-FU	qwl <i>i</i>	fuih					0		A
	BU-DB-FL-LB	qwl <i>h</i>	fuik					0		A
	BU-DB-FL-BL	qwl <i>r</i>	fuil					0		A
	BU-DB-FL-RB	qwl <i>n</i>	fuin					0		L
	BU-DB-FL-RF	qwl <i>p</i>	fuio					0		O
	BU-DB-FL-FR	qwl <i>j</i>	fuip					0		
	BU-DB-FL-LD	qwl <i>g</i>	fuiq	psjb makn tq	E S R U' M U R' M' S' E'			10		
	BU-DB-FL-RD	qwl <i>o</i>	fuis					0		A
	BU-DB-FL-DL	qwl <i>x</i>	fuit					0		
	BU-DB-LF-UL	qwfd	fuja					0		
	BU-DB-LF-UB	qwfa	fujb					0		
	BU-DB-LF-UR	qwfb	fujc					0		
	BU-DB-LF-DF	qwf <u>u</u>	fujd					0		O
	BU-DB-LF-LU	qwf <u>e</u>	fuje					0		
	BU-DB-LF-FU	qwf <i>i</i>	fujh					0		
	BU-DB-LF-BR	qwf <i>t</i>	fujm					0		O
	BU-DB-LF-RB	qwf <i>n</i>	fujn					0		O
	BU-DB-LF-RF	qwf <i>p</i>	fujo					0		
	BU-DB-LF-LD	qwf <i>g</i>	fujq					0		
	BU-DB-LF-BD	qwf <i>s</i>	fujr					0		
	BU-DB-LF-RD	qwf <i>o</i>	fuj{s}					0		O
	BU-DB-LF-DL	qwf <i>x</i>	fujt					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
BU-DB-LF-DR	qwfv		fujv				0			A
BU-DB-LB-UL	qwhd		fuka				0			C
BU-DB-LB-UR	qwhb		fukc				0			O
BU-DB-LB-DF	qwhu		fukd				0			
BU-DB-LB-LU	qwhe		fuke				0			
BU-DB-LB-RU	qwhm		fukg				0			O
BU-DB-LB-FL	qwhl		fuki				0			O
BU-DB-LB-LF	qwhf		fukj				0			P
BU-DB-LB-RB	qwhn		fukn				0			L
BU-DB-LB-LD	qwhg		fukq				0			A
BU-DB-LB-DL	qwhx		fukt				0			O
BU-DB-BL-UL	qwrd		fula				0			O
BU-DB-BL-UB	qwra		fulb				0			
BU-DB-BL-UR	qwrb		fulc				0			
BU-DB-BL-LU	qwre		fule				0			
BU-DB-BL-RU	qwrm		fulg				0			A
BU-DB-BL-FL	qwrl		fuli				0			A
BU-DB-BL-LF	qwrf		fulj				0			O
BU-DB-BL-RB	qwrn		fuln				0			
BU-DB-BL-LD	qwrg		fulq				0			A
BU-DB-BL-RD	qwro		fuls				0			
BU-DB-BL-DR	qwrv		fulv				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		0
	BU-DB-BR-UL	qwtd	fuma				0			0
	BU-DB-BR-UB	qwta	fumb				0			A
	BU-DB-BR-LU	qwte	fume				0			0
	BU-DB-BR-RU	qwtm	fumg				0			A
	BU-DB-BR-FL	qwtl	fumi				0			
	BU-DB-BR-BL	qwtr	fuml				0			
	BU-DB-BR-RF	qwtp	fumo				0			
	BU-DB-BR-FR	qwtj	fump				0			
	BU-DB-BR-DL	qwtx	fumt	qkoe mdj mp	E' R' M2 D' M D R M E		9			0
	BU-DB-RB-UL	qwnd	funa	kbma nj	R' U' M U r		6			0
	BU-DB-RB-UR	qwnb	func				0			0
	BU-DB-RB-DF	qwnu	fund				0			0
	BU-DB-RB-LU	qwne	fune				0			
	BU-DB-RB-RU	qwnm	fung				0			L
	BU-DB-RB-FU	qwni	funh				0			
	BU-DB-RB-FL	qwnl	funi				0			L
	BU-DB-RB-LF	qwnf	funj				0			
	BU-DB-RB-BL	qwnr	funl				0			0
	BU-DB-RB-RF	qwnp	funo				0			
	BU-DB-RB-BD	qwns	funr				0			A
	BU-DB-RB-DR	qwnv	funv				0			
	BU-DB-RF-UL	qwpd	fuoa	jbma kn	R U' M U R' M'		6			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	BU-DB-RF-UR	qwpb	fuoc					0		
	BU-DB-RF-DF	qwpu	fuod					0		0
	BU-DB-RF-LU	qwpe	fuoe					0		0
	BU-DB-RF-RU	qwpm	fuog					0		P
	BU-DB-RF-FL	qwpl	fuoi					0		
	BU-DB-RF-BL	qwpr	fuol					0		
	BU-DB-RF-BR	qwpt	fuom					0		
	BU-DB-RF-LD	qwpg	fuoq					0		
	BU-DB-RF-RD	qwpo	fuos					0		
	BU-DB-RF-DL	qwpw	fuot					0		
	BU-DB-FR-UL	qwjw	fupa					0		
	BU-DB-FR-UR	qwjw	fupc					0		A
	BU-DB-FR-DF	qwjw	fupd					0		
	BU-DB-FR-RU	qwjw	fupg					0		
	BU-DB-FR-FL	qwjw	fupi					0		
	BU-DB-FR-LB	qwjw	fupk					0		
	BU-DB-FR-BL	qwjw	fupl					0		
	BU-DB-FR-BR	qwjw	fupm					0		
	BU-DB-FR-LD	qwjw	fupq	dsnj ambk te	D S r U M U' R' S' D'			10		
	BU-DB-FR-RD	qwjw	fups					0		
	BU-DB-FR-DR	qwjw	fupv					0		
	BU-DB-LD-UR	qwjw	fuqc					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-DB-LD-LU	qwge	fuqe	iams atbn bi	L2 U M S U S' U' M' U' L2		10			
	BU-DB-LD-FU	qwgj	fuqh				0			
	BU-DB-LD-LB	qwgh	fuqk				0			
	BU-DB-LD-BL	qwgr	fuql				0			
	BU-DB-LD-RB	qwgn	fuqn				0			
	BU-DB-LD-BD	qwgs	fuqr				0		A	
	BU-DB-LD-DR	qwgv	fuqv				0			
	BU-DB-BD-DF	qwsu	furd				0			
	BU-DB-BD-LU	qwse	fure				0			
	BU-DB-BD-FL	qwsI	furi				0		F	
	BU-DB-BD-LF	qwsf	furj				0		F	
	BU-DB-BD-LB	qwsh	furk				0		P	
	BU-DB-BD-RF	qwsp	furo				0			
	BU-DB-BD-RD	qwso	furs				0		O	
	BU-DB-BD-DL	qwsx	furt				0			
	BU-DB-RD-UR	qwob	fusc				0			
	BU-DB-RD-LU	qwoe	fuse				0		O	
	BU-DB-RD-RU	qwom	fusg				0			
	BU-DB-RD-FL	qwol	fusi				0			
	BU-DB-RD-LB	qwoh	fusk				0		O	
	BU-DB-RD-BL	qwor	fusl				0			
	BU-DB-RD-BR	qwot	fusm				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
	BU-DB-RD-DL	qwox	fust				0			
	BU-DB-DL-UL	qwxrd	futa				0		A	
	BU-DB-DL-UB	qwxra	futb				0		O	
	BU-DB-DL-LU	qwxre	fute				0		A	
	BU-DB-DL-RU	qwxrm	futg				0		A	
	BU-DB-DL-FU	qwxri	futh				0			
	BU-DB-DL-FL	qwxli	futi				0		A	
	BU-DB-DL-BL	qwxri	futl				0		A	
	BU-DB-DL-BR	qwxtr	futm				0		A	
	BU-DB-DL-RB	qwxnr	futn				0		A	
	BU-DB-DL-RF	qwxpr	futo				0		A	
	BU-DB-DL-FR	qwxj	futp				0		O	
	BU-DB-DL-RD	qwxo	futs				0			
	BU-DB-DL-DR	qwxv	futv				0			
	BU-DB-DR-UL	qwvd	fuva				0			
	BU-DB-DR-UB	qwva	fuvb				0		L	
	BU-DB-DR-UR	qwvb	fuvc	mana tbsm bn	M U M' U S' U' S M U' M'		10			
	BU-DB-DR-DF	qwvu	fuvd				0			
	BU-DB-DR-RU	qwvm	fuvg				0			
	BU-DB-DR-FL	qwvl	fuvl				0			
	BU-DB-DR-BL	qwvr	fuvl				0			
	BU-DB-DR-BR	qwvt	fuvm				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		
	BU-DB-DR-RB	qwvn	fuvn					0		
	BU-DB-DR-RF	qwvp	fuvo					0		
	BU-DB-DR-FR	qwvj	fuvp					0		
	BU-DB-DR-LD	qwvg	fuvq					0		
	BU-DB-DR-BD	qwvs	fuvr					0		F
	BU-DB-FD-UL	qwkd	fuxa					0		
	BU-DB-FD-LU	qwke	fuxe					0		
	BU-DR-UL-UR	qvdb	fvac					0		
	BU-DR-UL-RU	qvdm	fvag					0		
	BU-DR-UL-FU	qvdi	fvah					0		
	BU-DR-UL-FL	qvdl	fvai					0		
	BU-DR-UL-LF	qvdf	fvaj					0		
	BU-DR-UL-LB	qvdh	fvak					0		O
	BU-DR-UL-BL	qvdr	fval					0		C
	U-DR-UL-RB	qvdn	fvan					0		O
	BU-DR-UL-RF	qvdp	fvaو					0		
	BU-DR-UL-FR	qvdj	fvap					0		
	BU-DR-UL-LD	qvdg	fvaq					0		
	BU-DR-UL-BD	qvds	fvar					0		A
	BU-DR-UL-DL	qvdx	fvat					0		
	BU-DR-UB-LD	qvag	fvbq					0		O
	BU-DR-UB-DL	qvax	fvbt					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-DR-UR-LU	qvbe	fvce				0		0	
	BU-DR-UR-FU	qvbi	fvch				0		0	
	BU-DR-UR-FL	qvbl	fvci	blvc tasa wla	U' R2 F U2 S' U S U F' R2 U		11		0	
	BU-DR-UR-LB	qvbh	fvck				0		0	
	BU-DR-UR-BL	qvbr	fvcl				0		A	
	BU-DR-UR-BR	qvbt	fvcm	dtk a mbnj se	D S' R' U M U' r S D'		10		A	
	BU-DR-UR-RB	qvbn	fvcn				0			
	BU-DR-UR-RF	qvbp	fvco	anwa tbsv mb	U M' F' U S' U' f M U'		10			
	BU-DR-UR-DB	qvbw	fvcu				0			
	BU-DR-DF-UL	qvud	fvda				0			
	BU-DR-DF-UR	qvub	fvdc				0			
	BU-DR-DF-LU	qvue	fvde	bnbt bsc ma	U' M' U' S' U' S U2 M U		9			
	BU-DR-DF-RU	qvum	fvdg	anbt asmb	U M' U' S' U S M U'		8		0	
	BU-DR-DF-FL	qvul	fvdi				0			
	BU-DR-DF-LF	qvuf	fvdj				0			
	BU-DR-DF-LB	qvuh	fvdk				0		0	
	BU-DR-DF-BL	qvur	fvdl				0		0	
	BU-DR-DF-BR	qvut	fvdm				0		0	
	BU-DR-DF-RB	qvun	fvdn				0		A	
	BU-DR-DF-RF	qvup	fvdo				0			
	BU-DR-DF-FR	qvuj	fvdp				0			
	BU-DR-DF-LD	qvug	fvdq				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		
BU-DR-DF-BD	qvus		fvdr				0			
BU-DR-DF-DL	qvux		fvdt				0			
BU-DR-LU-UR	qveb		fvec				0		0	
BU-DR-LU-RU	qvem		fveg				0		0	
BU-DR-LU-FU	qvei		fveh				0			
BU-DR-LU-FL	qvel		fvei				0			
BU-DR-LU-LF	qvef		fvej				0			
BU-DR-LU-LB	qveh		fvek				0			
BU-DR-LU-BL	qver		fvel				0			
BU-DR-LU-BR	qvet		fvet				0			
BU-DR-LU-RB	qven		fven				0			
BU-DR-LU-RF	qvep		fveo				0			
BU-DR-LU-FR	qvej		fvep				0		A	
BU-DR-LU-LD	qveg		fveq				0			
BU-DR-LU-BD	qves		fver				0			
BU-DR-LU-DB	qvew		fveu				0			
BU-DR-RU-UL	qvmd		fvga				0			
BU-DR-RU-DF	qvmu		fvgd				0		P	
BU-DR-RU-LU	qvme		fvge				0			
BU-DR-RU-FU	qvmi		fvgh				0			
BU-DR-RU-FL	qvml		fvgi				0			
BU-DR-RU-LF	qvmf		fv gj				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
	BU-DR-RU-LB	qvmh	fgk					0		
	BU-DR-RU-BL	qvmr	fgl					0		
	BU-DR-RU-BR	qvmt	fgm					0		
	BU-DR-RU-RB	qvmn	fgn					0		O
	BU-DR-RU-RF	qvmp	fgo					0		O
	BU-DR-RU-FR	qvmj	fgp					0		
	BU-DR-RU-LD	qvmg	fgq	jauk tjt bk	R U S2 R' S' R S' U' R'		9			P
	BU-DR-RU-BD	qvms	fgr					0		
	BU-DR-RU-RD	qvmo	fvs					0		
	BU-DR-RU-DB	qvmw	fgu				0			L
	BU-DR-RU-FD	qvmk	fgx	tnbm as	S' M' U' M U S		6			
	BU-DR-FU-UL	qvid	vh					0		
	BU-DR-FU-UR	qvib	vhc					0		
	BU-DR-FU-LU	qvie	vh					0		
	BU-DR-FU-RU	qvim	vhg					0		
	BU-DR-FU-FL	qvil	vh					0		
	BU-DR-FU-LF	qvif	vhj					0		
	BU-DR-FU-BR	qvit	vhm					0		A
	BU-DR-FU-RB	qvin	vh					0		O
	BU-DR-FU-LD	qvig	vhq					0		
	BU-DR-FU-BD	qvis	vh					0		A
	BU-DR-FU-DL	qvix	vh					0		C

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	BU-DR-FL-UL	qvld	fvia					0		
	BU-DR-FL-DF	qvlu	fvid					0		
	BU-DR-FL-LU	qvle	fvie					0		
	BU-DR-FL-RU	qvlm	fvig					0		
	BU-DR-FL-FU	qvli	fvih					0		O
	BU-DR-FL-LB	qvlh	fvik					0		
	BU-DR-FL-BL	qvlr	fvil					0		
	BU-DR-FL-BR	qvlt	fvim					0		
	BU-DR-FL-RB	qvln	fvin	axsk tjxb	U F2 S R' S' R F2 U'			8		
	BU-DR-FL-LD	qvlg	fviq					0		O
	BU-DR-FL-BD	qvls	fvir					0		
	BU-DR-FL-DL	qvlx	fvit					0		A
	BU-DR-FL-FD	qvlk	fvix	snhb mags	S' I' U' M U L S			8		
	BU-DR-LF-UL	qvfd	fvja					0		
	BU-DR-LF-UB	qvfa	fvjb					0		A
	BU-DR-LF-UR	qvfb	fvjc					0		
	BU-DR-LF-DF	qvfu	fvjd					0		A
	BU-DR-LF-LU	qvfe	fvje					0		
	BU-DR-LF-RU	qvfm	fvjg					0		O
	BU-DR-LF-FU	qvfi	fvjh					0		
	BU-DR-LF-LB	qvfh	fvjk					0		
	BU-DR-LF-BL	qvfr	fvjl					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
	BU-DR-LF-BR	qvft	fvjm				0			0
	BU-DR-LF-RB	qvfn	fvjn				0			
	BU-DR-LF-RF	qvfp	fvjo				0			
	BU-DR-LF-LD	qvfg	fvjq				0			
	BU-DR-LF-DL	qvfx	fvjt				0			A
	BU-DR-LF-DB	qvfw	fvju	ecjm wnvk dc	D' U2 R M F' M' F R' D U2		10			0
	BU-DR-LB-UL	qvhd	fvka				0			
	BU-DR-LB-UR	qvhb	fvkc				0			
	BU-DR-LB-DF	qvhu	fvkd				0			P
	BU-DR-LB-LU	qvhe	fvke				0			0
	BU-DR-LB-RU	qvhm	fvkg				0			
	BU-DR-LB-FU	qvhi	fvkh				0			
	BU-DR-LB-FL	qvhl	fvki				0			
	BU-DR-LB-LF	qvhf	fvkj				0			
	BU-DR-LB-BR	qvht	fvkm				0			
	BU-DR-LB-RB	qvhn	fvkn				0			
	BU-DR-LB-RF	qvhp	fvko				0			0
	BU-DR-LB-FR	qvhj	fvkp				0			
	BU-DR-LB-BD	qvhs	fvkr				0			
	BU-DR-LB-RD	qvho	fvks				0			
	BU-DR-LB-DL	qvhx	fvkt				0			A
	BU-DR-LB-DB	qvhw	fvku				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
	BU-DR-BL-UL	qvrdb	fvla				0		L	
	BU-DR-BL-UB	qvra	fvlb				0			
	BU-DR-BL-RU	qvrm	fvlg				0		O	
	BU-DR-BL-FL	qvrl	fvli				0			
	BU-DR-BL-RB	qvrn	fvln	bjsk tqjp ka	U' R S R' S' E' R E R' U		10		O	
	BU-DR-BL-RF	qvrp	fvlo				0		L	
	BU-DR-BL-FR	qvrij	fvlp				0			
	BU-DR-BL-LD	qvrg	fvlq				0			
	BU-DR-BL-BD	qvrs	fvlr				0		O	
	BU-DR-BL-DL	qvrx	fvlt				0			
	BU-DR-BL-DB	qvrw	fvlu				0			
	BU-DR-BR-UL	qvtd	fvma				0		O	
	BU-DR-BR-DF	qvtu	fvmd				0			
	BU-DR-BR-LU	qvte	fvme				0			
	BU-DR-BR-RU	qvtm	fvmg				0		O	
	BU-DR-BR-FL	qvtl	fvmi				0			
	BU-DR-BR-LF	qvtf	fmj				0			
	BU-DR-BR-LB	qvth	fmk				0		O	
	BU-DR-BR-BL	qvtr	fmkl				0			
	BU-DR-BR-RF	qvtp	fmoo				0			
	BU-DR-BR-DL	qvtx	fmot				0			
	BU-DR-BR-DB	qvtw	fmou				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		
BU-DR-RB-UL	qvnd		fvna					0		
BU-DR-RB-UR	qvnb		fvnc					0		
BU-DR-RB-LU	qvne		fvne					0		
BU-DR-RB-RU	qvnm		fvng					0		P
BU-DR-RB-FU	qvni		fvnh					0		O
BU-DR-RB-LF	qvnf		fvnj					0		
BU-DR-RB-BL	qvnr		fvnl					0		A
BU-DR-RB-RF	qvnp		fvno					0		A
BU-DR-RB-FR	qvnj		fvnp					0		O
BU-DR-RB-DL	qvnx		fvnt					0		
BU-DR-RB-DB	qvnw		fvnu					0		
BU-DR-RF-UL	qvpd		fvoa					0		
BU-DR-RF-UR	qvpb		fvoc					0		A
BU-DR-RF-DF	qvpu		fvod					0		O
BU-DR-RF-LU	qvpe		fvoe					0		O
BU-DR-RF-RU	qvpm		fvog					0		
BU-DR-RF-FU	qvpi		fvoh					0		A
BU-DR-RF-FL	qvpl		fvoi					0		O
BU-DR-RF-LF	qvpf		fvoj					0		
BU-DR-RF-LB	qvph		fvok					0		
BU-DR-RF-BR	qvpt		fvom					0		
BU-DR-RF-RB	qvpn		fvon					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-DR-RF-BD	qvps	fvor				0			
	BU-DR-RF-DL	qvpx	fvot				0			
	BU-DR-RF-DB	qvpw	fvou				0			
	BU-DR-FR-UL	qvjd	fvpa				0			
	BU-DR-FR-RU	qvjm	fvpg	anwb tasv mb	U M' F' U' S' U f M U'		10			0
	BU-DR-FR-FL	qvjl	fvpi				0			
	BU-DR-FR-LF	qvjf	fpvj				0			
	BU-DR-FR-LB	qvjh	fpvk				0			
	BU-DR-FR-BL	qvjr	fpvl				0		C	
	BU-DR-FR-BR	qvjt	fpvm				0			
	BU-DR-FR-RB	qvjn	fpvn	askt jb	U S R' S' R U'		6			0
	BU-DR-FR-LD	qvjg	fpvq				0			
	BU-DR-FR-BD	qvjs	fpvr				0			
	BU-DR-FR-DL	qvjx	fpvt				0			
	BU-DR-FR-DB	qvjw	fpvu				0			
	BU-DR-LD-UB	qvga	fvqb				0			0
	BU-DR-LD-UR	qvgb	fvqc				0			
	BU-DR-LD-DF	qvgu	fvqd				0			
	BU-DR-LD-LU	qvge	fvqe	ctal ctau ala	U2 S' U R2 U2 S' U S2 U R2 U		11			
	BU-DR-LD-FL	qvgl	fvqi				0			
	BU-DR-LD-LF	qvgf	fvqj				0			A
	BU-DR-LD-LB	qvgh	fvqk				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		
	BU-DR-LD-RB	qvgn	fvqn					0		
	BU-DR-LD-RF	qvgp	fvqo					0		
	BU-DR-LD-BD	qvgs	fvqr					0		A
	BU-DR-LD-DB	qvgw	fvqu					0		
	BU-DR-BD-UR	qvsb	fvrc					0		O
	BU-DR-BD-DF	qvsu	fvrd					0		A
	BU-DR-BD-RU	qvsm	fvrg					0		
	BU-DR-BD-FL	qvsI	fvri					0		
	BU-DR-BD-LF	qvsf	fvrj					0		
	BU-DR-BD-BR	qvst	fvrn					0		
	BU-DR-BD-RB	qvsn	fvrn	aosv ktjw ob	U M2 f R' S' R F' M2 U'		10			A
	BU-DR-BD-RF	qvsp	fvro					0		
	BU-DR-BD-FR	qvsj	fvrp					0		
	BU-DR-BD-LD	qvsg	fvrq					0		
	BU-DR-BD-DL	qvsx	fVRT					0		
	BU-DR-RD-UL	qvod	fvsa					0		
	BU-DR-RD-LU	qvoe	fvse					0		C
	BU-DR-RD-FL	qvol	fvsi					0		O
	BU-DR-RD-LF	qvof	fvsj					0		
	BU-DR-RD-RB	qvon	fvsn					0		
	BU-DR-RD-RF	qvop	fvso					0		
	BU-DR-DL-UB	qvxa	fvtb					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
	BU-DR-DL-FU	qvxi	fvth				0		0	
	BU-DR-DL-FL	qvxl	fvti				0		L	
	BU-DR-DL-LF	qvxif	fvfj				0			
	BU-DR-DL-LB	qvxh	fvtk				0			
	BU-DR-DL-BR	qvxt	fvtm	qajf ksjt fkbp	u R D2 R' S R S' D2 R' u'		12		A	
	BU-DR-DL-RF	qvxp	fvto				0			
	BU-DR-DL-FR	qvxj	fvtp				0		0	
	BU-DR-DL-DB	qvwx	fvtu				0			
	BU-DR-DB-LU	qvwe	fvue	amat bsnb	U M U S' U' S M' U'		8		0	
	BU-DR-DB-RU	qvwm	fvug				0			
	BU-DR-DB-FL	qvwl	fvui	mgat esbn dh	I U S' D' S U' M' D L'		10			
	BU-DR-DB-LF	qvwf	fvuj	hdsa mbnt eg	L' D S U M U' M' S' D' L		10			
	BU-DR-DB-BL	qvwr	fvul				0			
	BU-DR-DB-BR	qvwt	fvum				0			
	BU-DR-DB-RB	qvwn	fvun				0			
	BU-DR-DB-FR	qvwj	fvup				0			
	BU-DR-DB-LD	qvwg	fvuq	iama tbsn bi	L2 U M U S' U' S M' U' L2		10		0	
	BU-DR-DB-DL	qvwx	fvut	mate sbnd	M U S' D' S U' M' D		8		A	
	BU-FD-UR-FL	qkbl	fxci				0			
	BU-FD-FL-DL	qklx	fxit				0		A	
	BU-FD-RB-LF	qknf	fxnj	bwme jskt dnva	U' F' M D' R S R' S' D M' F U		12			
	BU-FD-FR-LB	qkjh	fxpk	ehdv mwne gd	D' L' D F M F' M' D' L D		10			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	BU-FD-RD-BD	qkos	fxsr	mbte samd	M' U' S' D' S U M D		8			
	BU-FD-DL-UB	qkxa	fxtb				0		0	
	BU-FD-DL-BL	qkxr	fxtl				0		0	
	BU-FD-DL-BD	qkxs	fxtr	mtbt bnas as	M' S' U' S' U' M' U S U S		10		0	
	BU-FD-DB-LU	qkwe	fxue	aobn anb	U M2 U' M' U M' U'		7			
	BU-FD-DB-RU	qkwm	fxug	boan bna	U' M2 U M' U' M' U		7			
	BU-FD-DB-FR	qkwj	fxup	atke tdsj sb	U S' R' D' S' D S R S U'		10			
	BU-FD-DB-DL	qkwx	fxut	saob nan bt	S U M2 U' M' U M' U' S'		9			