

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
DL-UL-UB-UR	x dab		tabc					0		
DL-UL-UB-DF	x dau		tabd					0		
DL-UL-UB-RU	x dam		tabg					0		
DL-UL-UB-FU	x dai		tabh					0		A
DL-UL-UB-FL	x dal		tabi					0		L
DL-UL-UB-LF	x daf		tabj					0		
DL-UL-UB-LB	x dah		tabk					0		
DL-UL-UB-BL	x dar		tabl					0		O
DL-UL-UB-BR	x dat		tabm					0		
DL-UL-UB-RB	x dan		tabn					0		
DL-UL-UB-RF	x dap		tabo					0		
DL-UL-UB-FR	x daj		tabp					0		
DL-UL-UB-LD	x dag		tabq					0		
DL-UL-UB-BD	x das		tabr					0		
DL-UL-UB-RD	x dao		tabs					0		
DL-UL-UB-DB	x daw		tabu					0		
DL-UL-UB-DR	x dav		tabv					0		
DL-UL-UR-UB	x dba		tacb					0		
DL-UL-UR-DF	x dbu		tacd					0		
DL-UL-UR-BU	x dbq		tacf					0		
DL-UL-UR-LF	x dbf		tacj					0		
DL-UL-UR-LB	x dbh		tack					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		
DL-UL-UR-BR	xdbt		tacm					0		
DL-UL-UR-RF	xdbp		taco					0		
DL-UL-UR-FR	xdbj		tacp					0		
DL-UL-UR-BD	xdbc		tacr					0		
DL-UL-UR-RD	xdbo		tacs					0		
DL-UL-UR-DB	xdbw		tacu					0		
DL-UL-UR-DR	xdbv		tacv					0		
DL-UL-DF-UB	xdua		tadb					0		
DL-UL-DF-UR	xdub		tadc					0		
DL-UL-DF-BU	xduq		tadf					0		
DL-UL-DF-RU	xdum		tadg					0		
DL-UL-DF-FL	xdui		tadi					0		
DL-UL-DF-LF	xduf		tadj					0		A
DL-UL-DF-LB	xduh		tadk					0		
DL-UL-DF-BR	xdut		tadm					0		
DL-UL-DF-RB	xdun		tadn					0		
DL-UL-DF-FR	xduj		tadp					0		
DL-UL-DF-BD	xdus		tadr					0		
DL-UL-DF-RD	xduo		tads					0		O
DL-UL-DF-DB	xduw		tadu					0		
DL-UL-DF-DR	xduv		tadv					0		
DL-UL-LU-UB	xdea		taeb					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-UL-BU-UR	xdqb	tafc	csbl btau lub	U2 S U' R2 U' S' U S2 R2 S2 U'		11			
	DL-UL-BU-DF	xdqqu	tafd				0			
	DL-UL-BU-RU	xdqm	tafg	csat bsa ta	U2 S U S' U' S U S' U		9			
	DL-UL-BU-FU	xdqi	tafh				0			
	DL-UL-BU-FL	xdql	tafi	buag bsag bsai	U' S2 U L U' S U L U' S U L2		12			
	DL-UL-BU-LF	xdqf	tafj	tvat bwal slbs	S' F U S' U' F' U R2 S R2 U' S		12			
	DL-UL-BU-LB	xdqh	tafk	wcsj rkbk rjb tv	F' U2 S R E2 R' U' R' E2 R U' S' F		13			
	DL-UL-BU-BL	xdqr	tafl	bwth sgth sgva	U' f' L' S L S' L' S L F U		12			
	DL-UL-BU-BR	xdqt	tafm	vkat blta ubkw	F R' U S' U' R2 S' U S2 U' R' F'		12			
	DL-UL-BU-RB	xdqn	tafn	kcsa tbsa taj	R' U2 S U S' U' S U S' U R		11		F	
	DL-UL-BU-RF	xdqp	tafo	jcsa tbsa tak	R U2 S U S' U' S U S' U R'		11		P	
	DL-UL-BU-FR	xdqj	tafp	wtgb uaha ubsv	f' L U' S2 U L' U S2 U' f		12		A	
	DL-UL-BU-BD	xdqs	tafr	asct mana mbn	U S U2 S' M U M' U M U' M'		11			
	DL-UL-BU-RD	xdqo	tafs	lcса tbsa tal	R2 U2 S U S' U' S U S' U R2		11			
	DL-UL-BU-DB	xdqw	tafu	anes dola sbn lb	U M' D' S D r2 U S U' M' R2 U'		13			
	DL-UL-BU-DR	xdqv	tafv	atjb jtka kub	U S' R U' R S' R' U R' S2 U'		11			
	DL-UL-RU-UB	xdma	tagb				0		A	
	DL-UL-RU-DF	xdmu	tagd				0		O	
	DL-UL-RU-BU	xdmq	tagf				0		P	
	DL-UL-RU-FU	xdmi	tagh				0			
	DL-UL-RU-FL	xdml	tagi				0		O	
	DL-UL-RU-LF	xdmf	tagj				0			

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								0		0
	DL-UL-RU-LB	xdmh	tagk				0			0
	DL-UL-RU-BR	xdmnt	tagm				0			
	DL-UL-RU-RB	xdmn	tagn				0			0
	DL-UL-RU-RF	xdmp	tago				0			
	DL-UL-RU-FR	xdmj	tagp				0			
	DL-UL-RU-BD	xdms	tagr				0			
	DL-UL-RU-RD	xdmo	tags	kakt jbkt lu	R' U R' S' R U' R' S' R2 S2		10			0
	DL-UL-RU-DB	xdmw	tagu				0			
	DL-UL-RU-DR	xdmv	tagv				0			
	DL-UL-FU-UB	xdia	tahb				0			
	DL-UL-FU-UR	xdib	tahc				0			
	DL-UL-FU-BU	xdiq	tahf				0			
	DL-UL-FU-RU	xdim	tahg				0			
	DL-UL-FU-LF	xdif	tahj				0			
	DL-UL-FU-LB	xdih	tahk				0			
	DL-UL-FU-BL	xdir	tahl				0			
	DL-UL-FU-RF	xdip	taho				0			
	DL-UL-FU-FR	xdij	tahp				0			
	DL-UL-FU-BD	xdis	tahr				0			P
	DL-UL-FU-RD	xdio	tahs				0			
	DL-UL-FU-DR	xdiv	tahv				0			
	DL-UL-FL-UB	xdla	taib				0			

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								0		
DL-UL-FL-DF	xdlu		taid					0		
DL-UL-FL-BU	xdlq		taif					0		0
DL-UL-FL-RU	xdlm		taig					0		
DL-UL-FL-FU	xdlh		taih					0		
DL-UL-FL-LB	xdlh		taik					0		
DL-UL-FL-BL	xdlr		tail					0		0
DL-UL-FL-BR	xdlt		taim					0		
DL-UL-FL-RB	xdln		tain					0		
DL-UL-FL-RF	xdlp		taio					0		
DL-UL-FL-FR	xdlj		taip					0		
DL-UL-FL-RD	xdlo		tais					0		
DL-UL-FL-DB	xdlw		taiu					0		
DL-UL-FL-DR	xdlv		taiv					0		C
DL-UL-LF-UB	xdfa		tajb					0		
DL-UL-LF-UR	xdfb		tajc					0		
DL-UL-LF-DF	xdfu		tajd					0		
DL-UL-LF-BU	xdfq		tajf					0		
DL-UL-LF-RU	xdfm		tajg					0		A
DL-UL-LF-FU	xdfi		tajh					0		
DL-UL-LF-FL	xdfl		taji					0		
DL-UL-LF-LB	dfh		tajk					0		
DL-UL-LF-BL	xdfr		tajl					0		

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								0		0
	DL-UL-LF-BR	xdft	tajm					0		0
	DL-UL-LF-RB	xdfn	tajn	xgrri qgwhh qgw	F2 L E2 L2 E' L F' L' E' L F'			11		
	DL-UL-LF-RF	xdfp	tajo					0		0
	DL-UL-LF-FR	xdjf	tajp					0		0
	DL-UL-LF-BD	xdfs	tajr					0		0
	DL-UL-LF-RD	xdfo	tajs					0		0
	DL-UL-LF-DR	xdfv	tajv					0		0
	DL-UL-LB-UB	xdha	takb					0		0
	DL-UL-LB-UR	xdhb	takc					0		F
	DL-UL-LB-DF	xdhu	takd					0		0
	DL-UL-LB-LU	xdhe	take					0		A
	DL-UL-LB-RU	xdhm	takg					0		0
	DL-UL-LB-FU	xdhi	takh					0		0
	DL-UL-LB-FL	xdhl	taki					0		0
	DL-UL-LB-LF	xdhf	takj					0		0
	DL-UL-LB-BL	xdhr	takl					0		A
	DL-UL-LB-BR	xdht	takm					0		0
	DL-UL-LB-RB	xdhn	takn					0		0
	DL-UL-LB-BD	xdhs	takr					0		0
	DL-UL-LB-RD	xdho	taks					0		0
	DL-UL-LB-DB	xdhw	taku					0		A
	DL-UL-LB-DR	xdhv	takv					0		

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								0		
	DL-UL-BL-UB	xdra	talb				0			
	DL-UL-BL-UR	xdrb	talc				0		O	
	DL-UL-BL-DF	xdru	tald				0		A	
	DL-UL-BL-LU	xdre	tale				0		A	
	DL-UL-BL-BU	xdrq	talf				0			
	DL-UL-BL-RU	xdrm	talg	wch <sup>t</sup> gsht gscv	F' U2 L' S' L S L' S' L S U2 F		12			
	DL-UL-BL-FU	x드리	talh				0		P	
	DL-UL-BL-FL	xdrv	tali				0		A	
	DL-UL-BL-LF	xdrf	talj				0			
	DL-UL-BL-LB	xdrh	talk				0		A	
	DL-UL-BL-BR	xdrt	talm				0		A	
	DL-UL-BL-RB	xdrn	taln				0		F	
	DL-UL-BL-FR	xdrj	talp				0			
	DL-UL-BL-BD	xdrs	talr				0		A	
	DL-UL-BL-RD	xdro	tals				0		L	
	DL-UL-BL-DB	xdrw	talu				0		P	
	DL-UL-BL-DR	xdrv	talv				0		L	
	DL-UL-BR-UB	xdt <sup>a</sup>	tamb				0			
	DL-UL-BR-UR	xdt <sup>b</sup>	tamc				0			
	DL-UL-BR-DF	xdt <sup>u</sup>	tamd				0		O	
	DL-UL-BR-LU	xdt <sup>e</sup>	tame				0		A	
	DL-UL-BR-BU	xdt <sup>q</sup>	tamf				0			

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								0		
	DL-UL-BR-RU	xdtm	tamg					0		
	DL-UL-BR-FU	xdti	tamh					0		
	DL-UL-BR-FL	xdtl	tami					0	L	
	DL-UL-BR-LF	xdtf	tamj					0		
	DL-UL-BR-LB	xdth	tamk					0		
	DL-UL-BR-BL	xdtr	taml					0	L	
	DL-UL-BR-RF	xdtp	tamo					0		
	DL-UL-BR-FR	xdtj	tamp					0	O	
	DL-UL-BR-BD	xdts	tamr					0		
	DL-UL-BR-RD	xdto	tams					0	O	
	DL-UL-BR-DR	xdtv	tamv					0		
	DL-UL-RB-UB	xdna	tanb					0		
	DL-UL-RB-UR	xdnb	tanc					0		
	DL-UL-RB-BU	xdnq	tanf					0		
	DL-UL-RB-RU	xdnm	tang					0	O	
	DL-UL-RB-FL	xdnl	tani					0	P	
	DL-UL-RB-LF	xdnf	tanj					0		
	DL-UL-RB-LB	xdnh	tank					0	O	
	DL-UL-RB-BL	xdnr	tanl					0	C	
	DL-UL-RB-RF	xdnp	tano	ajul sjbk sj	U R S2 R2 S R U' R' S R		10		L	
	DL-UL-RB-FR	xdnj	tanp					0		
	DL-UL-RB-LD	xdng	tanq					0		

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	DL-UL-RB-BD	xdns	tanr				0			
	DL-UL-RB-RD	xdno	tans				0			
	DL-UL-RB-DR	xdnv	tanv				0			
	DL-UL-RF-UB	xdpa	taob				0			
	DL-UL-RF-UR	xdpb	taoc	tlvk ujw tl	S' R2 F R' S2 R f' R2		9			
	DL-UL-RF-DF	xdpu	taod				0			
	DL-UL-RF-LU	xdpe	taoe				0			
	DL-UL-RF-RU	xdpm	taog				0			
	DL-UL-RF-FU	xdpi	taoh				0			
	DL-UL-RF-FL	xdpl	taoi				0		0	
	DL-UL-RF-LF	xdpf	taoj				0			
	DL-UL-RF-LB	xdph	taok	xpxa kujb jukq	F2 E F2 U R' S2 R U' R S2 R' E'		12			
	DL-UL-RF-BL	xdpr	taol				0			
	DL-UL-RF-RB	xdpn	taon				0			
	DL-UL-RF-BD	xdps	taor				0			
	DL-UL-RF-RD	xdpo	taos				0		P	
	DL-UL-FR-UB	xdja	tapb				0			
	DL-UL-FR-UR	xdjb	tapc				0		A	
	DL-UL-FR-DF	xdju	tapd				0		A	
	DL-UL-FR-LU	xdje	tape				0		O	
	DL-UL-FR-BU	xdjq	tafp				0			
	DL-UL-FR-RU	xdjm	tapg				0			

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	DL-UL-FR-FU	xdfji	taph				0			
	DL-UL-FR-FL	xdfjl	tapi				0		C	
	DL-UL-FR-LF	xdfjf	tapj				0			
	DL-UL-FR-LB	xdfjh	tapk				0			
	DL-UL-FR-BR	xdfjt	tapm				0		L	
	DL-UL-FR-RB	xdfjn	tapn	hpvl vqwl wg	L' E F R2 F E' F' R2 F' L		10		P	
	DL-UL-FR-LD	xdfjg	tapq				0		C	
	DL-UL-FR-BD	xdfjs	tapr				0		A	
	DL-UL-FR-RD	xdfjo	taps				0		O	
	DL-UL-FR-DB	xdfjw	tapu				0		L	
	DL-UL-LD-LF	xdfgf	taqj				0			
	DL-UL-LD-RB	xdfgn	taqn				0			
	DL-UL-BD-UB	xdfa	tarb				0		A	
	DL-UL-BD-UR	xdfsb	tarc				0			
	DL-UL-BD-DF	xdfs	tard				0			
	DL-UL-BD-BU	xdfsq	tarf				0			
	DL-UL-BD-RU	xdfsm	targ				0		P	
	DL-UL-BD-FU	xdfsi	tarh				0			
	DL-UL-BD-FL	xdfsl	tari				0		O	
	DL-UL-BD-LF	xdfsf	tarj	vkbx setd xajw	F R' U' F2 S D' S' D F2 U R F'		12		P	
	DL-UL-BD-LB	xdfsh	tark				0		O	
	DL-UL-BD-BL	xdfsr	tarl				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-UL-BD-RB	xdsn	tarn				0			
	DL-UL-BD-RF	xdsp	taro				0			
	DL-UL-BD-FR	xdsj	tarp				0			
	DL-UL-BD-LD	xdsq	tarq				0			
	DL-UL-BD-RD	xdso	tars				0		0	
	DL-UL-BD-DR	xdsv	tarv				0			
	DL-UL-RD-UB	xdoa	tasb				0			
	DL-UL-RD-UR	xdob	tasc				0			
	DL-UL-RD-DF	xdou	tasd				0			
	DL-UL-RD-BU	xdoq	tasf				0			
	DL-UL-RD-RU	xdom	tasg				0			
	DL-UL-RD-FU	xdoi	tash				0		P	
	DL-UL-RD-FL	xdol	tasi				0			
	DL-UL-RD-LF	xdof	tasj				0			
	DL-UL-RD-LB	xdoh	task				0			A
	DL-UL-RD-BL	xdor	tasl				0			
	DL-UL-RD-BR	xdot	tasm				0			
	DL-UL-RD-RB	xdon	tasn	Ktjb sajt kasb	R' S' R U' S U R S' R' U S U'		12		F	
	DL-UL-RD-RF	xdop	ta so				0			
	DL-UL-RD-FR	xdoj	ta sp				0		A	
	DL-UL-RD-LD	xdog	ta sq				0			
	DL-UL-RD-BD	xdos	ta sr	temf nexe sdx	S' D' M D2 M' D' F2 D' S D F2		11			

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								0		
	DL-UL-RD-DB	xdow	tasu					0		
	DL-UL-DB-UB	xdwa	taub					0		
	DL-UL-DB-UR	xdwb	tauc					0	L	
	DL-UL-DB-DF	xdwu	taud					0		
	DL-UL-DB-BU	xdwq	tauf	nbtm ends am	M' U' S' M D' M' D S U M			10		
	DL-UL-DB-RU	xdwm	taug					0		
	DL-UL-DB-FU	xdwi	tauh					0	O	
	DL-UL-DB-FL	xdwl	taui					0		
	DL-UL-DB-LF	xdwf	tauj					0		
	DL-UL-DB-LB	xdwh	tauk					0		
	DL-UL-DB-BR	xdwt	taum					0	L	
	DL-UL-DB-RB	xdwn	taun					0	A	
	DL-UL-DB-RF	xdwp	tauo					0	P	
	DL-UL-DB-LD	xdwg	tauq					0		
	DL-UL-DB-RD	xdwo	taus					0		
	DL-UL-DB-DR	xdwv	tauv					0		
	DL-UL-DR-UB	xdva	tavb					0		
	DL-UL-DR-UR	xdvb	tavc					0		
	DL-UL-DR-LU	xdve	tave					0		
	DL-UL-DR-BU	xdvq	tavf					0		
	DL-UL-DR-RU	xdvm	tavg					0		
	DL-UL-DR-FU	xdvi	tavh					0		

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								0		
DL-UL-DR-FL	xdvl		tavi				0			
DL-UL-DR-LF	xdvf		tavj				0			
DL-UL-DR-LB	xdvh		tavk				0			
DL-UL-DR-BL	xdvr		tavl				0		0	
DL-UL-DR-BR	xdvt		tavm				0			
DL-UL-DR-RB	xdvn		tavn				0		C	
DL-UL-DR-RF	xdvp		tavo				0		O	
DL-UL-DR-FR	xdvj		tavp				0			
DL-UL-DR-BD	xdvs		tavr				0		C	
DL-UL-DR-DB	xdvw		tavu				0			
DL-UL-FD-FL	xdkl		taxi				0		O	
DL-UB-UL-UR	xadb		tbac				0			
DL-UB-UL-DF	xadu		tbad				0			
DL-UB-UL-BU	xadq		tbaf				0			
DL-UB-UL-RU	xadm		tbag				0			
DL-UB-UL-FU	xadi		tbah				0			
DL-UB-UL-FL	xadl		tbai				0			
DL-UB-UL-LF	xadf		tbaj				0			
	DL-UB-UL-LB	xadh	tbak	qjau btct ckp	E' R U S2 U' S' U2 S' U2 R' E		11			
	DL-UB-UL-BL	xadr	tbal				0			
	DL-UB-UL-BR	xadt	tbam				0			
	DL-UB-UL-RB	xadn	tban				0			

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								0		
DL-UB-UL-RF	xadp		tbaο				0			
DL-UB-UL-FR	xadj		tbap				0			P
DL-UB-UL-BD	xads		tbar				0			
DL-UB-UL-RD	xado		tbas				0			
DL-UB-UL-DR	xadv		tbav				0			
DL-UB-UR-DF	xabu		tbcd				0			
DL-UB-UR-BU	xabq		tbcf				0			
DL-UB-UR-FU	xabi		tbch				0			
DL-UB-UR-FL	xabl		tbcι				0			
DL-UB-UR-LF	xabf		tbcj				0			
DL-UB-UR-LB	xabh		tbck				0			
DL-UB-UR-BL	xabr		tbcl				0			
DL-UB-UR-RF	xabp		tbco				0			
DL-UB-UR-FR	xabj		tbcρ				0			
DL-UB-UR-RD	xabo		tbcς				0			
DL-UB-UR-DB	xabw		tbcυ				0			O
DL-UB-UR-DR	xabv		tbcν				0			O
DL-UB-DF-UL	xaud		tbda				0			O
DL-UB-DF-UR	xaub		tbdc				0			
DL-UB-DF-LU	xaue		tbde				0			
DL-UB-DF-RU	xaum		tbdg				0			
DL-UB-DF-FL	xaul		tbdi				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		
DL-UB-DF-LF	xauf		tbdj				0			
DL-UB-DF-LB	xauh		tbdk				0			
DL-UB-DF-BL	xaur		tbdl				0			
DL-UB-DF-BR	xaut		tbdm				0		A	
DL-UB-DF-RB	xaun		tbdn				0			
DL-UB-DF-RF	xaup		tbdo				0		O	
DL-UB-DF-FR	xauj		tbdp				0			
DL-UB-DF-BD	xaus		tbdr				0			
DL-UB-DF-RD	xauo		tbds				0		O	
DL-UB-DF-DB	xauw		tbdu				0			
DL-UB-DF-DR	xauv		tbdv				0			
DL-UB-LU-UR	xaeb		tbec				0			
DL-UB-LU-DF	xaeu		tbed				0			
DL-UB-LU-FL	xael		tbei				0			
DL-UB-LU-LF	xaef		tbej				0			
DL-UB-LU-LB	xaeh		tbek				0			
DL-UB-LU-BL	xaer		tbel				0		O	
DL-UB-LU-BR	xaet		tben				0			
DL-UB-LU-RB	xaen		tben				0			
DL-UB-LU-RF	xaep		tbeo				0			
DL-UB-LU-FR	xaej		tbep				0			
DL-UB-LU-RD	xaoe		tbes				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		
DL-UB-LU-DB	xaew		tbeu					0		
DL-UB-LU-DR	xaev		tbev					0		
DL-UB-BU-UL	xaqd		tbfa					0		
DL-UB-BU-FU	xaqi		tbfh					0		
DL-UB-BU-FR	xaqj		tbfp					0		
DL-UB-RU-UL	xamd		tbga					0		
DL-UB-RU-DF	xamu		tbgd					0		
DL-UB-RU-LU	xame		tbge					0		
DL-UB-RU-BU	xamq		tbgf					0		
DL-UB-RU-FL	xaml		tbgi					0		
DL-UB-RU-LF	xamf		tb gj					0		
DL-UB-RU-RF	xamp		tbgo					0		
DL-UB-RU-FR	xamj		tbgp					0		
DL-UB-RU-BD	xams		tbgr					0		
DL-UB-RU-RD	xamo		tbgs					0		
DL-UB-RU-DB	xamw		tbgu					0		
DL-UB-RU-DR	xamv		tbgv					0		
DL-UB-FU-UL	xaid		tbha					0		A
DL-UB-FU-UR	xaib		tbhc					0		
DL-UB-FU-LU	xiae		tbhe					0		L
DL-UB-FU-FL	xail		tbhi					0		
DL-UB-FU-LB	xaih		tbhk					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
	DL-UB-FU-BL	xair	tbhl				0			
	DL-UB-FU-BR	xait	tbehm				0		A	
	DL-UB-FU-RB	xain	tbehn				0		F	
	DL-UB-FU-RF	xaip	tbeho				0			
	DL-UB-FU-FR	xaij	tbehp				0			
	DL-UB-FU-LD	xaig	tbehq				0			
	DL-UB-FU-DB	xaiw	tbehu				0			
	DL-UB-FL-UL	xald	tbia	xokd ntes njx	F2 M2 R' D M' S' D' S r F2		11			
	DL-UB-FL-UR	xalb	tbic	jvkt atbu jwk	R F R' S' U S' U' S2 R F' R'		11			
	DL-UB-FL-DF	xalu	tbid				0			
	DL-UB-FL-LU	xale	tbie	tbsa tgat bhu	S' U' S U S' L U S' U' L' S2		11		O	
	DL-UB-FL-RU	xalm	tbig	kvji anbg bmng	R' F R L2 U M' U' L U' I		11			
	DL-UB-FL-FU	xali	tbih				0		L	
	DL-UB-FL-LB	xalh	tbik	dvpw qvmw ne	D F E F' E' F M F' M' D'		10			
	DL-UB-FL-BL	xalr	tbil	asct gtis ga	U S U2 S' L S' L2 S L U		10			
	DL-UB-FL-BR	xalt	tbim	vkta tbu jw	F R' S' U S' U' S2 R F'		9			
	DL-UB-FL-RB	xaln	tbin	lvmh vnwg wl	R2 F M L' F M' F' L F' R2		10			
	DL-UB-FL-RF	xalp	tbio	vmhv nwgw	F M L' F M' F' L F'		8		O	
	DL-UB-FL-FR	xalj	tbipl	axhx cxhp xqa	U F2 L' F2 U2 F2 L' E F2 u		11			
	DL-UB-FL-BD	xals	tbir	tejv mvnx kds	S' D' R F M F M' F2 R' D S		11			
	DL-UB-FL-RD	xalo	tbis	pkas bjbt qa	E R' U S U' R U' S' u		10		P	
	DL-UB-FL-DB	xalw	tbiu	vhfm vnwf gw	F L' D2 M F M' F' D2 L F'		10			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-UB-FL-DR	xalv	tbiv	akpl qksc ta	U R' E R2 E' R' S U2 S' U		10			
	DL-UB-LF-UR	xafb	tbjc				0			
	DL-UB-LF-DF	xafu	tbjd				0			
	DL-UB-LF-LB	xafh	tbjk				0			
	DL-UB-LF-BL	xafr	tbjl				0		0	
	DL-UB-LF-BR	xaft	tbjm				0			
	DL-UB-LF-RB	xafn	tbjn	dlwl clwl ec	D R2 F' R2 U2 R2 F' R2 D' U2		10			
	DL-UB-LF-RF	xafp	tbj o				0			
	DL-UB-LF-FR	xafj	tbjp				0			
	DL-UB-LF-RD	xafo	tbj s				0			
	DL-UB-LF-DB	xafw	tbj u				0			
	DL-UB-LF-DR	xafv	tbjv	asgt itg sb	U S L S' L2 S' L S U'		9			
	DL-UB-LB-UR	xahb	tbkc				0			
	DL-UB-LB-LU	xahe	tbke	asak qlpk ata	U S U R' E' R2 E R' U S' U		11			
	DL-UB-LB-BU	xahq	tbkf				0			
	DL-UB-LB-FU	xahi	tbkh				0			
	DL-UB-LB-BR	xaht	tbkm				0			
	DL-UB-LB-RB	xahn	tbkn				0			
	DL-UB-LB-RF	xahp	tbko				0			
	DL-UB-LB-FR	xahj	tbkp				0			
	DL-UB-LB-BD	xahs	tbkr				0			
	DL-UB-LB-RD	xaho	tbks				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-UB-LB-DR	xahv	tbkv	asht ith sb	U S L' S' L2 S' L' S U'		9		0	
	DL-UB-BL-UL	xard	tbla				0		0	
	DL-UB-BL-UR	xarb	tblc				0			
	DL-UB-BL-LU	xare	table				0			
	DL-UB-BL-BU	xarq	tblf				0			
	DL-UB-BL-RU	xarm	tblg	awhx cxhx cwb	U F' L' F2 U2 F2 L' F2 U2 F' U'		11			
	DL-UB-BL-FL	xarl	tbli				0		C	
	DL-UB-BL-LF	xarf	tblj				0			
	DL-UB-BL-BR	xart	tblm				0		0	
	DL-UB-BL-RB	xarn	tbln	bsjs kqjp kua	U' S R S R' E' R E R' S2 U		11		A	
	DL-UB-BL-RF	xarp	tblo				0		0	
	DL-UB-BL-FR	xarj	tblp	bxhx cxhx a	U' F2 L' F2 U2 F2 L' F2 U		9			
	DL-UB-BL-BD	xars	tblr				0			
	DL-UB-BL-RD	xaro	tbls				0		0	
	DL-UB-BL-DB	xarw	tblu				0			
	DL-UB-BL-DR	xarv	tblv				0			
	DL-UB-BR-UL	xatd	tbma				0			
	DL-UB-BR-UR	xatb	tbmc				0			
	DL-UB-BR-LU	xate	tbme	jaub kvku jw	R U S2 U' R' F R' S2 R F'		10			
	DL-UB-BR-BU	xatq	tbfm				0			
	DL-UB-BR-RU	xatm	tbgm				0			
	DL-UB-BR-FU	xati	tbmh				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		
	DL-UB-BR-FL	xatl	t bmi					0		
	DL-UB-BR-LF	xatf	t bmj					0		
	DL-UB-BR-BL	xatr	t bml					0		
	DL-UB-BR-RD	xato	t bms					0		0
	DL-UB-BR-DB	xatw	t bmu					0		
	DL-UB-BR-DR	xatv	t bmv					0		A
	DL-UB-RB-DF	xanu	t bnd					0		
	DL-UB-RB-LU	xane	t bne					0		
	DL-UB-RB-BU	xanq	t bnf					0		
	DL-UB-RB-FU	xani	t bnh					0		
	DL-UB-RB-FL	xanl	t bni	hvjc tbsb kwg	L' F R U2 S' U' S U' R' F' L			11		
	DL-UB-RB-LF	xanf	t bnj	vbtk uktl aw	F U' S' R' S2 R' S' R2 U F'			10		
	DL-UB-RB-LB	xanh	t bnk					0		
	DL-UB-RB-BL	xanr	t bnl					0		
	DL-UB-RB-BD	xans	t bnr					0		
	DL-UB-RB-RD	xano	t bns					0		
	DL-UB-RB-DR	xanv	t bnv					0		
	DL-UB-RF-UL	xapd	tboa					0		
	DL-UB-RF-UR	xapb	tbo c					0		
	DL-UB-RF-DF	xapu	t bod					0		
	DL-UB-RF-LU	xape	t boe					0		
	DL-UB-RF-RU	xapm	t bog					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		
	DL-UB-RF-FU	xapi	tboh					0		
	DL-UB-RF-FL	xapl	tboi					0		
	DL-UB-RF-LF	xapf	tboj					0		
	DL-UB-RF-LB	xaph	tbok	qvkt atbu jwp	E' F R' S' U S' U' S2 R F' E			11		
	DL-UB-RF-BL	xapr	tbol					0		
	DL-UB-RF-BR	xapt	tbom					0		
	DL-UB-RF-RB	xapn	tbon					0		
	DL-UB-RF-LD	xapg	tboq					0		
	DL-UB-RF-BD	xaps	tbor					0		
	DL-UB-RF-RD	xapo	tbos					0		
	DL-UB-RF-DB	xapw	tbou					0		
	DL-UB-RF-DR	xapv	tbov					0		
	DL-UB-FR-UL	xajd	tbpa					0		
	DL-UB-FR-UR	xajb	tbpc					0		
	DL-UB-FR-DF	xaju	tbpd					0		
	DL-UB-FR-LU	xaje	tbpe					0		
	DL-UB-FR-RU	xajm	tbpg					0		0
	DL-UB-FR-FL	xajl	tbpi					0		
	DL-UB-FR-LF	xajf	tbpj					0		
	DL-UB-FR-LB	xajh	tbpk					0		
	DL-UB-FR-BL	xajr	tbpl					0		A
	DL-UB-FR-BR	xajt	tbpm					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
DL-UB-FR-RB	xajn		tbpn				0			
DL-UB-FR-BD	xajs		tbpr				0			A
DL-UB-FR-RD	xajo		tbps				0			
DL-UB-FR-DB	xajw		tbpu				0			
DL-UB-LD-DF	xagu		tbqd				0			
DL-UB-LD-FL	xagl		tbqi				0			
DL-UB-LD-LB	xagh		tbqk				0			
DL-UB-LD-BR	xagt		tbqm				0			
DL-UB-LD-RB	xagn		tbqn				0			
DL-UB-LD-RF	xagp		tbqo				0			
DL-UB-BD-UL	xasd		tbra				0			
DL-UB-BD-UR	xasb		tbrc				0			P
DL-UB-BD-LU	xase		tbre				0			A
DL-UB-BD-BU	xasq		tbrf				0			
DL-UB-BD-RU	xasm		tbrg				0			
DL-UB-BD-FL	xasl		t bri				0			
DL-UB-BD-LF	xasf		t brj				0			
DL-UB-BD-LB	xash		t brk				0			
DL-UB-BD-BR	xast		t brm				0			
DL-UB-BD-RF	xasp		t bro				0			
DL-UB-BD-FR	xasj		t brp				0			
DL-UB-BD-RD	xaso		t brs				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
			tbru				0			
	DL-UB-BD-DB	xasw	tbsa				0			
	DL-UB-RD-UL	xaod	tbsc				0			
	DL-UB-RD-UR	xaob	tbse				0		0	
	DL-UB-RD-LU	xaoe	tbsf				0		A	
	DL-UB-RD-BU	xaoq	tbsg	asbl btal	U S U' R2 U' S' U R2		0	8		
	DL-UB-RD-RU	xaom	tbsg							
	DL-UB-RD-FU	xaoi	tbsh				0			
	DL-UB-RD-FL	xaol	tbsi	pasb kbta jq	E U S U' R' U' S' U R E'		10		C	
	DL-UB-RD-LF	xaof	tbsj	rasb jbta kr	E2 U S U' R U' S' U R' E2		10		C	
	DL-UB-RD-LB	xaoh	tbsk	rasb kbta jr	E2 U S U' R' U' S' U R E2		10			
	DL-UB-RD-BL	xaor	tbsl	qasb jbta kp	E' U S U' R U' S' U R' E		10			
	DL-UB-RD-BR	xaot	tbsm				0			
	DL-UB-RD-RB	xaon	tbsn	asbj btak	U S U' R U' S' U R'		8			
	DL-UB-RD-RF	xaop	tbso	asbk btaj	U S U' R' U' S' U R		8			
	DL-UB-RD-FR	xaoj	tbsp	pasb jbta kq	E U S U' R U' S' U R' E'		10		0	
	DL-UB-RD-BD	xaos	tbsr				0			
	DL-UB-RD-DB	xaow	tbsu				0			
	DL-UB-DB-UL	xawd	tbua				0			
	DL-UB-DB-UR	xawb	tbuc				0			
	DL-UB-DB-LU	xawe	tbue				0			
	DL-UB-DB-BU	xawq	tbuf				0			
	DL-UB-DB-RU	xawm	tbug				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		
DL-UB-DB-FU	xawi		tbuh					0		
DL-UB-DB-FL	xawl		tbui					0		
DL-UB-DB-LF	xawf		tbuj					0		
DL-UB-DB-LB	xawh		tbuk					0		
DL-UB-DB-BL	xawr		tbul					0		
DL-UB-DB-BR	xawt		tbum					0		
DL-UB-DB-RB	xawn		tbun					0		0
DL-UB-DB-FR	xawj		tbup					0		
DL-UB-DB-LD	xawg		tbuq					0		
DL-UB-DB-RD	xawo		tbus					0		
DL-UB-DB-DR	xawv		tbuv					0		
DL-UB-DR-UL	xavd		tbva					0		
DL-UB-DR-UR	xavb		tbvc					0		
DL-UB-DR-DF	xavu		tbvd					0		
DL-UB-DR-LU	xave		tbve					0		
DL-UB-DR-BU	xavq		tbvf					0		
DL-UB-DR-RU	xavm		tbvg					0		
DL-UB-DR-FU	xavi		tbvh					0		
DL-UB-DR-FL	xavl		tbvi					0		
DL-UB-DR-LF	xavf		tbvj					0		
DL-UB-DR-LB	xavh		tbvk					0		
DL-UB-DR-BL	xavr		tbvl					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-UB-DR-BR	xavt	tbvm				0			
	DL-UB-DR-RB	xavn	tbvn				0			
	DL-UB-DR-RF	xavp	tbvo				0			
	DL-UB-DR-FR	xavj	tbvp				0		0	
	DL-UB-DR-BD	xavs	tbvr				0			
	DL-UR-UL-UB	xbda	tcab				0			
	DL-UR-UL-DF	xbdu	tcad				0		0	
	DL-UR-UL-BU	xbdq	tcaf				0		A	
	DL-UR-UL-FU	xbdi	tcah				0		A	
	DL-UR-UL-FL	xbdl	tcai				0		0	
	DL-UR-UL-LF	xbdf	tcaj				0		F	
	DL-UR-UL-LB	xbdh	tcak				0			
	DL-UR-UL-BL	xbdr	tcal				0		A	
	DL-UR-UL-BR	xbdt	tcam				0			
	DL-UR-UL-RB	xbdn	tcan				0			
	DL-UR-UL-RF	xbdp	tcao				0		A	
	DL-UR-UL-FR	xbdj	tcap				0			
	DL-UR-UL-BD	xbds	tcar				0			
	DL-UR-UL-DB	xbdw	tcau				0			
	DL-UR-UL-DR	xbdv	tcav				0			
	DL-UR-UB-UL	xbad	tcba	xnsa tmbx	F2 M' S U S' M U' F2		8		F	
	DL-UR-UB-DF	xbau	tcbd				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-UR-UB-FL	xbal	tcbi				0			
	DL-UR-UB-LF	xbaf	tcbj				0			
	DL-UR-UB-LB	xbah	tcbk				0		0	
	DL-UR-UB-BL	xbar	tcbl				0		A	
	DL-UR-UB-BR	xbat	tcbm				0		A	
	DL-UR-UB-RB	xban	tcbn				0			
	DL-UR-UB-RF	xbap	tcbo				0			
	DL-UR-UB-FR	xbaj	tcbp	lbkt ltku al	R2 U' R' S' R2 S' R' S2 U R2		10		A	
	DL-UR-UB-RD	xbao	tcbs				0			
	DL-UR-UB-DB	xbaw	tcbu				0			
	DL-UR-DF-UL	xbud	tcda				0			
	DL-UR-DF-UB	xbua	tcdb				0			
	DL-UR-DF-BU	xbuq	tcdf				0			
	DL-UR-DF-FL	xbul	tcdi				0			
	DL-UR-DF-LF	xbuf	tcdj				0		A	
	DL-UR-DF-BR	xbut	tcdm				0			
	DL-UR-DF-RB	xbun	tcdn				0		0	
	DL-UR-DF-RF	xbup	tcdo	vhbm vnwa gw	F L' U' M F M' F' U L F'		10		A	
	DL-UR-DF-FR	xbuj	tcdp				0			
	DL-UR-DF-RD	xbuo	tcds				0			
	DL-UR-DF-DB	xbuw	tcdu				0			
	DL-UR-LU-DF	xbeu	tced				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		
DL-UR-LU-BU	xbeq		tcef					0		
DL-UR-LU-FU	xbei		tceh					0		
DL-UR-LU-LF	xbef		tcej					0		
DL-UR-LU-LB	xbeh		tcek					0		
DL-UR-LU-BL	xber		tcel					0		
DL-UR-LU-BR	xbet		tcem					0		
DL-UR-LU-RB	xben		tcen					0		A
DL-UR-LU-RF	xbep		tceo					0		
DL-UR-LU-FR	xbej		tcep					0		
DL-UR-LU-BD	xbes		tcer					0		P
DL-UR-LU-RD	xbeo		tces					0		
DL-UR-LU-DB	xbew		tceu					0		
DL-UR-LU-DR	xbev		tcev					0		
DL-UR-BU-UL	xbqd		tcfa					0		
DL-UR-BU-DF	xbqu		tcfd					0		
DL-UR-BU-LU	xbqe		tcfe					0		
DL-UR-BU-FU	xbqi		tcfh					0		
DL-UR-BU-FL	xbql		tcfi					0		F
DL-UR-BU-LF	xbqf		tcfj					0		
DL-UR-BU-LB	xbqh		tcfk					0		A
DL-UR-BU-BL	xbqr		tcfl					0		A
DL-UR-BU-BR	xbqt		tcfm					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		
DL-UR-BU-RF	xbqp		tcfo					0		
DL-UR-BU-FR	xbqj		tcfp					0		
DL-UR-BU-BD	xbqs		tcfr					0		
DL-UR-BU-RD	xbqo		tcfs					0		
DL-UR-BU-DB	xbqw		tcfu					0		
DL-UR-RU-LB	xbmh		tcgk					0		
DL-UR-RU-BL	xbmr		tcgl					0		
DL-UR-FU-UL	xbid		tcha					0		
DL-UR-FU-LU	xbie		tche					0		
DL-UR-FU-BU	xbiq		tchf					0		
DL-UR-FU-FL	xbil		tchi					0		
DL-UR-FU-LF	xbif		tchj					0		
DL-UR-FU-BL	xbir		tchl					0		
DL-UR-FU-BR	xbit		tchm					0		
DL-UR-FU-RB	xbin		tchn					0		
DL-UR-FU-RF	xbip		tcho					0		
DL-UR-FU-FR	xbij		tchp					0		
DL-UR-FU-BD	xbis		tchr					0		A
DL-UR-FU-DB	xbiw		tchu					0		A
DL-UR-FU-DR	xbiv		tchv					0		
DL-UR-FL-UL	xbld		tcia					0		
DL-UR-FL-UB	xbla		tcib					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		
DL-UR-FL-DF	xblu		tcid					0		
DL-UR-FL-LU	xble		tcie					0		
DL-UR-FL-BU	xblq		tcif					0		
DL-UR-FL-LB	xblh		tcik					0		
DL-UR-FL-BL	xblr		tcil					0		
DL-UR-FL-RF	xblp		tcio					0		
DL-UR-FL-FR	xblj		tcip					0		
DL-UR-FL-BD	xbls		tcir					0		
DL-UR-FL-RD	xblo		tcis					0		
DL-UR-FL-DB	xblw		tciu					0		
DL-UR-FL-DR	xblv		tciv					0		
DL-UR-LF-UL	xbfd		tcja					0		A
DL-UR-LF-UB	xbfa		tcjb					0		
DL-UR-LF-LU	xbfe		tcje					0		P
DL-UR-LF-FU	xbfi		tcjh					0		
DL-UR-LF-LB	xbfh		tcjk					0		
DL-UR-LF-BR	xbft		tcjm					0		
	DL-UR-LF-RB	xbfn	tcjn	dwrv etjs qkj	D F' E2 F D' S' R S E' R' E'			11		
	DL-UR-LF-BD	x bfs	tcjr					0		
	DL-UR-LF-DB	x bfw	tcju					0		
	DL-UR-LB-UL	x bhd	tcka					0		O
	DL-UR-LB-UB	x bha	tckb					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
	DL-UR-LB-LU	xbhe	tcke	skqk bkpj alc tc	R' E' R' U' R' E R U R2 U2 S' U2		13		0	
	DL-UR-LB-BU	xbhq	tckf				0			
	DL-UR-LB-FU	xbhi	tckh				0			
	DL-UR-LB-FL	xbhl	tcki				0			
	DL-UR-LB-LF	xbhf	tckj				0			
	DL-UR-LB-BR	xbht	tckm				0			
	DL-UR-LB-RB	xbhn	tckn				0		A	
	DL-UR-LB-FR	xbjh	tckp	lbkt jqkp jsal	R2 U' R' S' R E' R' E R S U R2		12			
	DL-UR-LB-BD	xbhs	tckr				0			
	DL-UR-LB-RD	xbho	tcks				0		A	
	DL-UR-LB-DB	xbhw	tcku				0		A	
	DL-UR-LB-DR	xbhv	tckv				0			
	DL-UR-BL-UL	xbrd	tcla	jqlp jubs csb	R E' R2 E R S2 U' S U2 S U'		11			
	DL-UR-BL-UB	xbra	tclb	lbuia haub lg	R2 U' S2 U L' U S2 U' R2 L		10			
	DL-UR-BL-LU	xbre	tcle	whtg shtg sv	F' L' S' L S L' S' L f		10			
	DL-UR-BL-BU	xbrq	tclf	pkvh wmvn gwjq	E R' F L' F' M F M' L F' R E'		12			
	DL-UR-BL-FU	xbri	tclh				0			
	DL-UR-BL-FL	xbrl	tcli	bfjr kakr jf	U' D2 R E2 R' U R' E2 R D2		10			
	DL-UR-BL-LF	xbrf	tclj	levn wpvq wmdl	R2 D' F M' F' E F E' F' M D R2		12		A	
	DL-UR-BL-LB	xbrh	tclk				0			
	DL-UR-BL-BR	xbrt	tclm	bkpt jsal pjrr	U' R' E S' R S U R2 E R E2 R		12			
	DL-UR-BL-RB	xbrn	tcln	avhr gquk pju wb	U F L' E2 L E' S2 R' E R S2 F' U'		13		A	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-UR-BL-RF	xbrp	tclo	skbv kqjp wajt	S R' U' F R' E' R E F' U R S'		12			
	DL-UR-BL-FR	xbrj	tclp	ahrg bptj sqkr	U L' E2 L u' S' R S E' R' E2		12			A
	DL-UR-BL-BD	xbrs	tclr	bhau bgsb man as	U' L' U S2 U' L S U' M U M' U S		13			
	DL-UR-BL-RD	xbro	tcls	bhuv asbs wga	U' L' S2 F U S U' S F' L U		11			A
	DL-UR-BL-DB	xbrw	tclu	xiao bhbo ahx	F2 L2 U M2 U' L' U' M2 U L' F2		11			
	DL-UR-BL-DR	xbrv	tclv	emfn ejql pj	D' M D2 M' D' R E' R2 E R		10			
	DL-UR-BR-UL	xbtd	tcma	ajbu asls jb	U R U' S2 U S R2 S R U'		10			
	DL-UR-BR-UB	xbta	tcmb	jbjs lsju ak	R U' R S R2 S R S2 U R'		10			
	DL-UR-BR-DF	xbtu	tcmd	jbjs lsju bnc mk	R U' R S R2 S R S2 U' M' U2 r'		13			
	DL-UR-BR-LU	xbte	tcme	uvkt jskt jwt	S2 F R' S' R S R' S' R f'		11			A
	DL-UR-BR-BU	xbtq	tcmf	ktej anbh vqmg	R' S' D' R U M' U' L' F E' I		12			A
	DL-UR-BR-FU	xbti	tcmh				0			A
	DL-UR-BR-FL	xtbl	tcmi	jrbh spgp sak	R E2 U' L' S E L E S U R'		11			
	DL-UR-BR-LF	xbtf	tcmj	gawg pgqi vbh	L U F' L E L E' L2 F U' L'		11			
	DL-UR-BR-LB	xbth	tcmk	djvp xrvk wpve	D R F E F2 E2 F R' F' E F D'		12			
	DL-UR-BR-BL	xbtr	tcml	jqas kuks lbpk	R u S R' S2 R' S R2 u' R'		12			
	DL-UR-BR-RF	xbtp	tcmo	ajbu bsck bjsk	U R U' S2 U' S U2 R' U' R S R'		12			
	DL-UR-BR-FR	xbtj	tcmp	ahrg agr hc	U L' E2 L U L E2 L' U2		9			
	DL-UR-BR-BD	xbts	tcmr	vavk esdt jwbw	F U F R' D' S D S' R F' U' F'		12			
	DL-UR-BR-RD	xbto	tcms	akvl sjuj wsjb	U R' F R2 S R S2 R F' S R U'		12			
	DL-UR-BR-DB	xbtw	tcmu	ekvd tksj ewjd	D' R' F D S' R' S R D' F' R D		12			
	DL-UR-BR-DR	xbtv	tcmv	mvpt ksqj wn	M F E S' R' S E' R F' M'		10			A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-UR-RB-UL	xbnd	tcna	wqkq sjr sv	F' E' R' E' S R E2 f		9			
	DL-UR-RB-UB	xbna	tcnb	ajsj slsa ksjc	U R S R S R2 S U R' S R U2		12			
	DL-UR-RB-DF	xbnu	tcnd				0			A
	DL-UR-RB-LU	xbne	tcne	vksk fktj flw	F R' S R' D2 R' S' R D2 R2 F'		11			
	DL-UR-RB-BU	xbnq	tcnf	juku jtak bta	R U' R' S2 R S' U R' U' S' U		11			
	DL-UR-RB-FU	xbni	tcnh				0			A
	DL-UR-RB-FL	xbnl	tcni	talw bnam vlbs	S' U R2 F' U' M' U M F R2 U' S		12			
	DL-UR-RB-LF	xbnf	tcnj	kwdj qvpw kevj	R' F' D R E' F E F' R' D' F R		12			
	DL-UR-RB-LB	xbnh	tcnk	dvrw awrv be	D F E2 F' U F' E2 F U' D'		10			
	DL-UR-RB-BL	xbnr	tcnl	pvah xpvr vgbw	E F U L' F2 E F E2 F L U' F'		12			
	DL-UR-RB-RF	xbnp	tcno	ajul sjak sjc	U R S2 R2 S R U R' S R U2		11			
	DL-UR-RB-FR	xbnj	tcnp	sbkv aubw pjq as	S U' R' F U S2 U' F' E R u S		13			
	DL-UR-RB-BD	xbns	tcnr	cmat bnfw hqgv cf	U2 M U S' U' M' D2 F' L' E' L F U2 D2		14			
	DL-UR-RB-RD	xbno	tcns	jbkt jskt jsak	R U' R' S' R S R' S' R S U R'		12			
	DL-UR-RB-DB	xbnw	tcnu	dtbv pkqj wase	D S' U' F E R' E' R F' U S D'		12			
	DL-UR-RB-DR	xbnv	tcnv	vctc kuj wt	F U2 S' U2 R' S2 R f'		9			A
	DL-UR-RB-FD	xbnk	tcnx	tbwl pkqk vas	S' U' F' R2 E R' E' R' F U S		11			
	DL-UR-RF-UL	xbpd	tcoa	rvqj pskw rs	E2 F E' R E S R' F' E2 S		10			
	DL-UR-RF-UB	xbpa	tcob	aksk slsa jskc	U R' S R' S R2 S U R S R' U2		12			
	DL-UR-RF-DF	xbpu	tcod	lemf nevq xpvl	R2 D' M D2 M' D' F E' F2 E F R2		12			
	DL-UR-RF-LU	xbpe	tcoe	sctb hqgb gph	S U2 S' U' L' E' L U' L E L'		11			A
	DL-UR-RF-BU	xbpq	tcof	kbju ktaj bta	R' U' R S2 R' S' U R 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
	DL-UR-RF-FU	xbpi	tcoh				0			0
	DL-UR-RF-FL	xbpl	tcoi	tawl bnam lvbs	S' U F' R2 U' M' U M R2 F U' S		12			
	DL-UR-RF-LF	xbpf	tcoj	cewo vavo wad	U2 D' F' M2 F U F M2 F' U D		11			
	DL-UR-RF-LB	xbph	tcok	dvrw retk spjq	D F E2 F' E2 D' S' R' S E R E'		12			A
	DL-UR-RF-BL	xbpr	tcol	xksb vpwb ptjx	F2 R' S U' F E F' u S' R F2		12			
	DL-UR-RF-BR	xbpt	tcom	avkc tcjw jskb	U F R' U2 S' U2 R F' R S R' U'		12			
	DL-UR-RF-RB	xbpn	tcon	aktj aktl ukc	U R' S' R U R' S' R2 S2 R' U2		11			
	DL-UR-RF-BD	xbps	tcor	vhvn kwmv jwgw	F L' F M' R' F' M F R F' L F'		12			
	DL-UR-RF-RD	xbpo	tcos	kbjt ksjt ksaj	R' U' R S' R' S R S' R' S U R		12			0
	DL-UR-RF-DB	xbpw	tcou	vboa wmtd tneu	F U' M2 U F' M S' D S' M' D' S2		12			
	DL-UR-RF-DR	xbpv	tcov	cwtc tbub vc	U2 f' U2 S' U' S2 U' F U2		10			
	DL-UR-FR-UL	xbjd	tcpa	akbu asls kb	U R' U' S2 U S R2 S R' U'		10			
	DL-UR-FR-UB	xbja	tcpb	kbks lsku aj	R' U' R' S R2 S R' S2 U R		10			
	DL-UR-FR-DF	xbju	tcpd				0			
	DL-UR-FR-LU	xbje	tcpf	bken dwdm evja	U' R' D' M' D F' D M D' F R U		12			
	DL-UR-FR-BU	xbjq	tcpf	hwbc nbmb vag	L' U' F' U2 M' U' M U' F U L		11			
	DL-UR-FR-FU	xbji	tcpf				0			
	DL-UR-FR-FL	xbjl	tcpf	kemv owcm cdj	R' D' M F M2 F' U2 M U2 D R		11			
	DL-UR-FR-LF	xbjf	tcpf	bhwc nbmb vga	U' L' F' U2 M' U' M U' F L U		11			
	DL-UR-FR-LB	xbjh	tcpf	akwt hugu vls kb	U R' f' L' S2 L S2 F R2 S R' U'		13			
	DL-UR-FR-BL	xbjr	tcpf	krbj qtks qaj	R' E2 U' R E' S' R' S u R		11			
	DL-UR-FR-BR	xbjt	tcpf	ajuk aku jc	U R S2 R' U R' S2 R U2		9			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-UR-FR-RB	xbjn	tcpn	akbu bscj bksj	U R' U' S2 U' S U2 R U' R' S R		12			
	DL-UR-FR-LD	xbjg	tcpq				0		A	
	DL-UR-FR-BD	xbjs	tcpr				0			
	DL-UR-FR-RD	xbjo	tcps				0		0	
	DL-UR-FR-DB	xbjw	tcpu				0			
	DL-UR-FR-DR	xbjv	tcpv				0			
	DL-UR-LD-UB	xbga	tcqb				0			
	DL-UR-LD-BU	xbgq	tcqf				0			
	DL-UR-LD-LB	xbgh	tcqk				0			
	DL-UR-LD-BL	xbgr	tcql				0			
	DL-UR-LD-RF	xbgp	tcqo				0			
	DL-UR-LD-FR	xbgj	tcqp				0			
	DL-UR-LD-RD	xbgo	tcqs				0		A	
	DL-UR-BD-UL	xbsd	tcra				0			
	DL-UR-BD-UB	xbsa	tcrb				0			
	DL-UR-BD-DF	xbsu	tcrd				0		A	
	DL-UR-BD-LU	xbse	tcre				0			
	DL-UR-BD-BU	xbsq	tcrf				0			
	DL-UR-BD-FU	xbsi	tcrh				0			
	DL-UR-BD-FL	xbsl	tcri				0			
	DL-UR-BD-LF	xbsf	tcrj				0			
	DL-UR-BD-LB	xbsh	tcrk				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		
DL-UR-BD-BL	xbsr		tcrl					0		
DL-UR-BD-BR	xbst		tcrm					0		
DL-UR-BD-RB	xbsn		tcrn					0		
DL-UR-BD-RF	xbsp		tcro					0		A
DL-UR-BD-FR	xbsj		tcrp					0		
DL-UR-BD-RD	xbso		tcrs					0		
DL-UR-BD-DR	xbsv		tcrv					0		
DL-UR-RD-UL	xbod		tcsa					0		
DL-UR-RD-UB	xboa		tcsb					0		A
DL-UR-RD-DF	xbou		tcsd					0		F
DL-UR-RD-LU	xboe		tcse					0		A
DL-UR-RD-BU	xboq		tcsf					0		A
DL-UR-RD-FU	xboi		tcsh					0		L
DL-UR-RD-FL	xbol		tcsi					0		O
DL-UR-RD-LF	xbof		tcsj					0		A
DL-UR-RD-BR	xbot		tcsm					0		A
DL-UR-RD-RB	xbon		tcsn					0		
DL-UR-RD-RF	xbop		tcso					0		
DL-UR-RD-BD	xbos		tcsr					0		O
DL-UR-RD-DB	xbow		tcsu					0		P
DL-UR-DB-UL	xbwd		tcua					0		A
DL-UR-DB-UB	xbwa		tcub					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-UR-DB-DF	xbwu	tcud				0			
	DL-UR-DB-LU	xbwe	tcue				0			
	DL-UR-DB-BU	xbwq	tcuf				0			
	DL-UR-DB-BL	xbwr	tcul				0			
	DL-UR-DB-BR	xbwt	tcum				0			
	DL-UR-DB-RF	xbwp	tcuo				0			
	DL-UR-DB-RD	xbwo	tcus				0			
	DL-UR-DR-UL	xbvd	tcva				0			
	DL-UR-DR-UB	xbva	tcvb				0			
	DL-UR-DR-DF	xbvu	tcvd				0			
	DL-UR-DR-LU	xbve	tcve				0			
	DL-UR-DR-FL	xbvl	tcvi				0			
	DL-UR-DR-LF	xbvf	tcvj				0			
	DL-UR-DR-LB	xbvh	tcvk				0			A
	DL-UR-DR-BL	xbvr	tcvl				0			O
	DL-UR-DR-RF	xbvp	tcvo				0			
	DL-UR-DR-FR	xbvj	tcvp				0			
	DL-UR-DR-LD	xbvg	tcvq				0			
	DL-UR-DR-BD	xbvs	tcvr				0			O
	DL-UR-DR-DB	xbvw	tcvu				0			
	DL-DF-UL-UB	xuda	tdab	tneo enfs	S' M' D' M2 D' M' D2 S		8			
	DL-DF-UL-UR	xudb	tdac				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		
DL-DF-UL-BU	xudq		tdaf				0			
DL-DF-UL-RU	xudm		tdag				0			
DL-DF-UL-FL	xudl		tdai				0			
DL-DF-UL-LF	xudf		tdaj				0		A	
DL-DF-UL-LB	xudh		tdak				0			
DL-DF-UL-BL	xudr		tdal				0			
DL-DF-UL-BR	xudt		tdam				0			
DL-DF-UL-RB	xudn		tdan				0			
DL-DF-UL-RF	xudp		tdao				0			
DL-DF-UL-FR	xudj		tdap				0			
DL-DF-UL-BD	xuds		tdar				0			
DL-DF-UL-RD	xudo		tdas				0			
DL-DF-UL-DB	xudw		tdau				0			
DL-DF-UL-DR	xudv		tdav				0			
DL-DF-UB-UL	xuad		tdba	ncsa tcmb	M' U2 S U S' U2 M U'		8		O	
DL-DF-UB-RU	xuam		tdbg				0			
DL-DF-UB-BL	xuar		tdbl				0		O	
DL-DF-UB-BD	xuas		tdbr				0			
DL-DF-UB-RD	xuao		tdbs				0			
DL-DF-UB-DB	xuaw		tdbu				0			
DL-DF-UB-DR	xuav		tdbv				0			
DL-DF-UR-UL	xubd		tdca				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		
	DL-DF-UR-UB	xuba	tdcb					0		
	DL-DF-UR-LU	xube	tdce					0		
	DL-DF-UR-BU	xubq	tdcf	sbna nesn dn	S U' M' U M' D' S M' D M'			10		
	DL-DF-UR-BR	xubt	tdcm					0		
	DL-DF-UR-RB	xubn	tdcn					0		
	DL-DF-UR-RF	xubp	tdco					0		0
	DL-DF-UR-FR	xubj	tdcp					0		
	DL-DF-UR-BD	xubs	tdcr					0		
	DL-DF-UR-RD	xubo	tdcs					0		
	DL-DF-UR-DB	xubw	tdcu					0		
	DL-DF-UR-DR	xubv	tdcv					0		
	DL-DF-LU-UB	xuea	tdeb					0		
	DL-DF-LU-UR	xueb	tdec					0		
	DL-DF-LU-BU	xueq	tdef					0		
	DL-DF-LU-RU	xuem	tdeg					0		
	DL-DF-LU-FL	xuel	tdei					0		
	DL-DF-LU-LF	xuef	tdej					0		
	DL-DF-LU-LB	xueh	tdek					0		
	DL-DF-LU-BL	xuer	tdel					0		
	DL-DF-LU-BR	xuet	tdem					0		
	DL-DF-LU-RB	xuen	tden					0		
	DL-DF-LU-RF	xuep	tdeo					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-DF-LU-FR	xuej	tdep				0			
	DL-DF-LU-BD	xues	tder				0		A	
	DL-DF-LU-RD	xueo	tdes				0		O	
	DL-DF-LU-DB	xuew	tdeu				0			
	DL-DF-LU-DR	xuev	tdev				0			
	DL-DF-BU-UL	xuqd	tdfa				0			
	DL-DF-BU-UR	xuqb	tdfc				0			
	DL-DF-BU-LU	xuqe	tdfe				0			
	DL-DF-BU-RU	xuqm	tdfg				0			
	DL-DF-BU-BL	xuqr	tdfl				0			
	DL-DF-BU-RB	xuqn	tdfn				0			
	DL-DF-BU-BD	xuqs	tdfr	adsa nema ta	U D S U M' D' M U S' U		10			
	DL-DF-BU-DB	xuqw	tdfu				0			
	DL-DF-BU-DR	xuqv	tdfv				0			
	DL-DF-RU-UL	xumd	tdga				0		O	
	DL-DF-RU-UB	xuma	tdgb				0			
	DL-DF-RU-LU	xume	tdge				0			
	DL-DF-RU-FL	xuml	tdgi				0			
	DL-DF-RU-LF	xumf	tdgj				0			
	DL-DF-RU-BR	xumt	tdgm				0			
	DL-DF-RU-RB	xumn	tdgn				0			
	DL-DF-RU-FR	xumj	tdgp				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		
DL-DF-RU-DR	xumv		tdgv					0		
DL-DF-FU-RD	xuio		tdhs					0		
DL-DF-FL-UL	xuld		tdia					0		
DL-DF-FL-UB	xula		tdib					0		
DL-DF-FL-UR	xulb		tdic					0		
DL-DF-FL-LU	xule		tdie					0		
DL-DF-FL-BU	xulq		tdif					0		
DL-DF-FL-RU	xulm		tdig					0		
DL-DF-FL-BR	xult		tdim					0		
DL-DF-FL-RB	xuln		tdin					0		
DL-DF-FL-RF	xulp		tdio					0		
DL-DF-FL-FR	xulj		tdip					0		
DL-DF-FL-BD	xuls		tdir					0		
DL-DF-FL-RD	xulo		tdis					0		
DL-DF-FL-DB	xulw		tdiu					0		
DL-DF-FL-DR	xulv		tdiv					0		
DL-DF-LF-UB	xufa		tdjb					0		
DL-DF-LF-LU	xufe		tdje					0		
DL-DF-LF-BU	xufq		tdjf					0		0
DL-DF-LF-RU	xufm		tdjg					0		
DL-DF-LF-BL	xufr		tdjl					0		
DL-DF-LF-LD	xufg		tdjq					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-DF-LF-RD	xufo	tdjs				0			
	DL-DF-LF-DB	xufw	tdju				0			
	DL-DF-LF-DR	xufv	tdjv				0			
	DL-DF-LB-UL	xuhd	tdka				0		0	
	DL-DF-LB-UR	xuhb	tdkc				0			
	DL-DF-LB-LU	xuhe	tdke				0			
	DL-DF-LB-BU	xuhq	tdkf				0			
	DL-DF-LB-RB	xuhn	tdkn				0			
	DL-DF-LB-RF	xuhp	tdko				0			
	DL-DF-LB-FR	xuhj	tdkp				0		p	
	DL-DF-LB-BD	xuhs	tdkr				0			
	DL-DF-LB-RD	xuho	tdks				0			
	DL-DF-LB-DB	xuhw	tdku	tnjp wqmv ks	S' r E F' E' M F R' S		10			
	DL-DF-LB-DR	xuhv	tdkv				0			
	DL-DF-BL-FL	xurl	tdli				0			
	DL-DF-BL-LF	xurf	tdlj				0			
	DL-DF-BL-BR	xurt	tdlm				0			
	DL-DF-BL-RB	xurn	tdln				0			
	DL-DF-BL-RF	xurp	tdlo				0			
	DL-DF-BL-BD	xurs	tdlr				0		p	
	DL-DF-BL-RD	xuro	tdls				0		o	
	DL-DF-BL-DB	xurw	tdlu				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
DL-DF-BR-UL	xutd		tdma				0			
DL-DF-BR-UR	xutb		tdmc				0			
DL-DF-BR-LU	xute		tdme				0			
DL-DF-BR-BU	xutq		tdmf				0			
DL-DF-BR-RU	xutm		tdmg				0			
DL-DF-BR-FL	xutl		tdmi				0			
DL-DF-BR-LF	xutf		tdmj				0			
DL-DF-BR-RF	xutp		tdmo				0			
DL-DF-BR-FR	xutj		tdmp				0			A
DL-DF-BR-BD	xuts		tdmr				0			
DL-DF-BR-RD	xuto		tdms				0			
DL-DF-BR-DB	xutw		tdmu				0			
DL-DF-BR-DR	xutv		tdmv				0			
DL-DF-RB-UL	xund		tdna				0			
DL-DF-RB-UB	xuna		tdnb				0			
DL-DF-RB-UR	xunb		tdnc				0			O
DL-DF-RB-LU	xune		tdne				0			
DL-DF-RB-BU	xunq		tdnf				0			
DL-DF-RB-RU	xunm		tdng				0			
DL-DF-RB-FL	xunl		tdni				0			
DL-DF-RB-LF	xunf		tdnj				0			
DL-DF-RB-LB	xunh		tdnk				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		
DL-DF-RB-BL	xunr		tdnl					0		
DL-DF-RB-FR	xunj		tdnp					0		
DL-DF-RB-RD	xuno		tdns					0		
DL-DF-RB-DR	xunv		tdnv					0		
DL-DF-RF-UL	xupd		tdoa					0		
DL-DF-RF-UB	xupa		tdob					0		
DL-DF-RF-UR	xupb		tdoc					0		
DL-DF-RF-LU	xupe		tdoe					0		
DL-DF-RF-BU	xupq		tdof					0		
DL-DF-RF-RU	xupm		tdog					0		
DL-DF-RF-FL	xupl		tdoi					0		
DL-DF-RF-LF	xupf		tdoj					0		
DL-DF-RF-BR	xupt		tdom					0		
DL-DF-RF-RB	xupn		tdon					0		
DL-DF-RF-BD	xups		tdor					0		
DL-DF-RF-RD	xupo		tdos					0		
DL-DF-FR-UB	xuja		tdpb					0		
DL-DF-FR-UR	xujb		tdpc					0		
DL-DF-FR-BU	xujq		tdpf					0		
DL-DF-FR-RU	xujm		tdpg					0		
DL-DF-FR-FL	xujl		tdpi					0		
DL-DF-FR-LF	xujf		tdpj					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		
DL-DF-FR-LB	xujh		tdpk					0		
DL-DF-FR-BL	xujr		tdpl					0		
DL-DF-FR-BR	xujt		tdpm					0		
DL-DF-FR-RB	xujn		tdpn					0		
DL-DF-FR-BD	xujs		tdpr					0		O
DL-DF-FR-RD	xujo		tdps					0		
DL-DF-FR-DB	xujw		tdpu					0		A
DL-DF-FR-DR	xujv		tdpv					0		
DL-DF-LD-UL	xugd		tdqa					0		
DL-DF-LD-UB	xuga		tdqb					0		
DL-DF-LD-BU	xugq		tdqf					0		
DL-DF-LD-FU	xugi		tdqh					0		
DL-DF-LD-FL	xugl		tdqi					0		
DL-DF-LD-LF	xugf		tdqj					0		
DL-DF-LD-FR	xugj		tdqp					0		
DL-DF-BD-UL	xusd		tdra					0		O
DL-DF-BD-UB	xusa		tdrb					0		
DL-DF-BD-UR	xusb		tdrc					0		
DL-DF-BD-LU	xuse		tdre					0		
DL-DF-BD-BU	xusq		tdrf					0		
DL-DF-BD-RU	xusm		tdrg					0		
DL-DF-BD-FL	xusl		tdri					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		
DL-DF-BD-BR	xust		tdrm					0		
DL-DF-BD-RB	xusn		tdrn					0		
DL-DF-BD-FR	xusj		tdrp					0		
DL-DF-BD-LD	xusg		tdrq					0		
DL-DF-BD-RD	xuso		tdrs					0		
DL-DF-RD-UL	xuod		tdsa					0		
DL-DF-RD-UB	xuoa		tdsb					0		
DL-DF-RD-UR	xuob		tdsc					0		
DL-DF-RD-LU	xuoe		tdse					0		
DL-DF-RD-BU	xuoq		tdsf					0		
DL-DF-RD-RU	xuom		tdsg					0		
DL-DF-RD-FL	xuol		tdsi					0		
DL-DF-RD-LF	xuof		tdsj					0		
DL-DF-RD-BL	xuor		tdsl					0		
DL-DF-RD-BR	xuot		tdsm					0		
DL-DF-RD-RB	xuon		tdsn					0		0
DL-DF-RD-LD	xuog		tdsq					0		
DL-DF-RD-BD	xuos		tdsr					0		
DL-DF-RD-DB	xuow		tdsu					0		
DL-DF-DB-UL	xuwd		tdua					0		
DL-DF-DB-UR	xuwb		tduc					0		
DL-DF-DB-LU	xuwe		tdue					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		
DL-DF-DB-BU	xuwq		aaaa					0		
DL-DF-DB-RU	xuwm		tduf					0		
DL-DF-DB-FL	xuwl		tdug					0		
DL-DF-DB-LF	xuwf		tdui					0		
DL-DF-DB-LB	xuwh		tduj					0		
DL-DF-DB-BL	xuwr		tduk					0		P
DL-DF-DB-BR	xuwt		tdum					0		
DL-DF-DB-RB	xuwn		tdun					0		
DL-DF-DB-RF	xuwp		tduo					0		
DL-DF-DB-RD	xuwo		tdus					0		
DL-DF-DB-DR	xuwv		tduv					0		
DL-DF-DR-UL	xuvd		tdva					0		
DL-DF-DR-LU	xuve		tdve					0		
DL-DF-DR-BU	xuvq		tdvf					0		
DL-DF-DR-FL	xuvl		tdvi					0		O
DL-DF-DR-LF	xuvf		tdvj					0		
DL-DF-DR-LB	xuvh		tdvk					0		
DL-DF-DR-BL	xuvr		tdvl					0		
DL-DF-DR-BR	xuvt		tdvm					0		
DL-DF-DR-RB	xuvn		tdvn					0		
DL-DF-DR-RF	xuvp		tdvo					0		
DL-DF-DR-FR	xuvj		tdvp					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-DF-DR-BD	xuvs	tdvr				0			
	DL-DF-DR-RD	xuvo	tdvs				0			
	DL-LU-UL-UR	xedb	teac				0		P	
	DL-LU-UB-UL	xead	teba				0			
	DL-LU-UB-RU	xeam	tebg				0		O	
	DL-LU-UB-LB	xeah	tebk				0		O	
	DL-LU-UB-BL	xear	tebl				0		O	
	DL-LU-UB-BR	xeat	tebm	bwtp gqsh va	U' f E L E' S L' F U		10		O	
	DL-LU-UB-RF	xeap	tebo				0			
	DL-LU-UB-FR	xeaj	tebp				0		P	
	DL-LU-UB-RD	xeao	tebs				0			
	DL-LU-UB-DB	xeaw	tebu				0			
	DL-LU-UB-DR	xeav	tebv				0			
	DL-LU-UR-UB	xeba	tecb				0			
	DL-LU-UR-BU	xebq	tecf				0		O	
	DL-LU-UR-FU	xebi	tech				0		O	
	DL-LU-UR-LF	xebf	tecj				0			
	DL-LU-UR-LB	xebh	teck				0		O	
	DL-LU-UR-BL	xebr	tecl				0		A	
	DL-LU-UR-BR	xebt	tecm				0			
	DL-LU-UR-RB	xebn	tecn				0		O	
	DL-LU-UR-RF	xebp	teco				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
	DL-LU-UR-FR	xebj	tecp					0		0
	DL-LU-UR-BD	xebs	tecr					0		0
	DL-LU-UR-DB	xebw	tecu					0		0
	DL-LU-UR-DR	xebv	tecv					0		0
	DL-LU-DF-UR	xeub	tedc					0		F
	DL-LU-DF-BU	xeuq	tedf					0		A
	DL-LU-DF-FL	xeul	tedi					0		F
	DL-LU-DF-LF	xeuf	tedj					0		P
	DL-LU-DF-BR	xeut	tedm					0		
	DL-LU-DF-RF	xeup	tedo					0		
	DL-LU-DF-LD	xeug	tedq					0		
	DL-LU-DF-RD	xeuo	teds					0		
	DL-LU-DF-DR	xeuv	tedv					0		
	DL-LU-DF-FD	xeuk	tedx					0		A
	DL-LU-BU-UR	xeqb	tefc					0		O
	DL-LU-BU-DF	xequ	tefd					0		
	DL-LU-BU-RU	xeqm	tefg					0		
	DL-LU-BU-FU	xeqi	tefh					0		
	DL-LU-BU-LF	xeqf	tefj					0		
	DL-LU-BU-LB	xeqh	tefk	njsk bgam bqha	r S R' U' L U M U' E' L' U			12		
	DL-LU-BU-BL	xeqr	tefl					0		
	DL-LU-BU-BR	xeqt	tefm					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		
DL-LU-BU-RB	xeqn		tefn					0		
DL-LU-BU-FR	xeqj		tefp					0		
DL-LU-BU-BD	xeqs		tefr					0		0
DL-LU-BU-RD	xeqo		tefs					0		
DL-LU-BU-DB	xeqw		tefu					0		0
DL-LU-BU-DR	xeqv		tefv					0		
DL-LU-RU-UL	xemd		tega					0		
DL-LU-RU-DF	xemu		tegd					0		
DL-LU-RU-LF	xemf		tegj					0		
DL-LU-RU-LB	xemh		tegk					0		0
DL-LU-RU-BR	xemt		tegm					0		
DL-LU-RU-RB	xemn		tegn					0		
DL-LU-RU-RF	xemp		tego					0		
DL-LU-RU-FR	xemj		tegp					0		
DL-LU-RU-BD	xems		tegr					0		0
DL-LU-RU-RD	xemo		tegs					0		
DL-LU-RU-DB	xemw		tegu					0		L
DL-LU-RU-DR	xemv		tegv					0		
DL-LU-FU-UB	xeia		tehb					0		C
DL-LU-FU-UR	xeib		tehc					0		
DL-LU-FU-BU	xeiq		tehf					0		
DL-LU-FU-RU	xeim		tehg					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		
DL-LU-FU-FL	xeil		tehi					0		
DL-LU-FU-LF	xEIF		tehj					0		
DL-LU-FU-LB	xeih		tehk					0		
DL-LU-FU-BL	xeir		tehl					0		
DL-LU-FU-BR	xeit		tehm					0		
DL-LU-FU-RB	xein		tehn					0		C
DL-LU-FU-RF	xeip		teho					0		
DL-LU-FU-FR	xeij		tehp					0		
DL-LU-FU-BD	xeis		tehr					0		
DL-LU-FU-RD	xeio		tehs					0		
DL-LU-FU-DR	xeiv		tehv					0		A
DL-LU-FL-UB	xela		teib					0		
DL-LU-FL-DF	xelu		teid					0		L
DL-LU-FL-BU	xelq		teif					0		
DL-LU-FL-BL	xelr		teil					0		
DL-LU-FL-RB	xeln		tein					0		
DL-LU-FL-FR	xelj		teip					0		
DL-LU-FL-BD	xels		teir					0		
DL-LU-FL-RD	xelo		teis					0		P
DL-LU-FL-DB	xelw		teiu					0		
DL-LU-FL-DR	xelv		teiv					0		
DL-LU-LF-UB	xefa		tejb					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		
DL-LU-LF-UR	xefb		tejc					0		
DL-LU-LF-DF	xefu		tejd					0		
DL-LU-LF-BU	xefq		tejf					0		
DL-LU-LF-RU	xefm		tejg					0	0	
DL-LU-LF-FU	xefi		tejh					0		
DL-LU-LF-LB	xefh		tejk					0		
DL-LU-LF-BR	xeft		tejm					0		
DL-LU-LF-RB	xefn		tejn					0	C	
DL-LU-LF-BD	xefs		tejr					0		
DL-LU-LF-RD	xefo		tejs					0	P	
DL-LU-LF-DB	xefw		teju					0		
DL-LU-LF-DR	xefv		tejv					0	P	
DL-LU-LB-UR	xehb		tekc					0		
DL-LU-LB-DF	xehu		tekd					0		
DL-LU-LB-RU	xehm		tekg					0	O	
DL-LU-LB-FU	xehi		tekh					0	F	
DL-LU-LB-FL	xehl		teki					0		
DL-LU-LB-LF	xehf		tekj					0	A	
DL-LU-LB-BR	xeht		tekm					0		
DL-LU-LB-FR	xehj		tekp					0		
DL-LU-LB-BD	xehs		tekrr					0		
DL-LU-LB-RD	xeho		teks					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
	DL-LU-LB-FD	xehk	tekx	vhqg pw	F L' E' L E F'		6			
	DL-LU-BL-UL	xerd	tela				0		C	
	DL-LU-BL-UB	xera	telb				0			
	DL-LU-BL-BU	xerq	telf				0			
	DL-LU-BL-LF	xerf	telj				0			
	DL-LU-BL-BR	xert	telm				0			
	DL-LU-BL-RF	xerp	telo				0			
	DL-LU-BL-FR	xerj	telp				0		F	
	DL-LU-BL-BD	xers	telr				0			
	DL-LU-BL-RD	xero	tels				0		A	
	DL-LU-BL-DB	xerw	telu				0		A	
	DL-LU-BL-DR	xerv	telv				0			
	DL-LU-BR-UB	xeta	temb				0		F	
	DL-LU-BR-UR	xetb	temc				0			
	DL-LU-BR-DF	xetu	temd				0			
	DL-LU-BR-RU	xetm	temg				0			
	DL-LU-BR-FL	xetl	temi				0			
	DL-LU-BR-LB	xeth	temk				0			
	DL-LU-BR-BL	xetr	teml				0			
	DL-LU-BR-FR	xetj	temp				0		A	
	DL-LU-BR-BD	xets	temr				0			
	DL-LU-BR-DB	xetw	temu				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		
DL-LU-RB-UB	xena		tenb				0			
DL-LU-RB-DF	xenu		tend				0			F
DL-LU-RB-RU	xenm		teng				0			
DL-LU-RB-FL	xenl		teni				0			O
DL-LU-RB-LF	xenf		tenj				0			
DL-LU-RB-LB	xenh		tenk				0			
DL-LU-RB-RF	xenp		teno				0			
DL-LU-RB-FR	xenj		tenp				0			
DL-LU-RB-RD	xeno		tens				0			O
DL-LU-RF-UB	xepa		teob				0			
DL-LU-RF-DF	xepu		teod				0			
DL-LU-RF-BU	xepq		teof				0			
DL-LU-RF-FU	xepi		teoh				0			
DL-LU-RF-FL	xepl		teoi				0			
DL-LU-RF-LB	xeph		teok				0			
DL-LU-RF-BL	xexpr		teol				0			
DL-LU-RF-RB	xepn		teon				0			
DL-LU-RF-FR	xepj		teop				0			
DL-LU-RF-BD	xeps		teor				0			
DL-LU-RF-DB	xepw		teou				0			
DL-LU-FR-UR	xejb		tepc				0			
DL-LU-FR-DF	xaju		tepd				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		
DL-LU-FR-BU	xejq		tepf					0		
DL-LU-FR-RU	xejm		tepg					0		
DL-LU-FR-FU	xeji		teph					0		
DL-LU-FR-FL	xejl		tepi					0		
DL-LU-FR-LF	xejf		tepj					0		
DL-LU-FR-BL	xejr		tepl					0		A
DL-LU-FR-BR	xejt		tepm					0		
DL-LU-FR-RB	xejn		tepn					0		
DL-LU-FR-BD	xejs		tepr					0		A
DL-LU-FR-RD	xejo		teps					0		
DL-LU-FR-DB	xejw		tepu					0		
DL-LU-FR-DR	xejv		tepv					0		
DL-LU-LD-BD	xegs		teqr					0		A
DL-LU-LD-RD	xego		teqs					0		
DL-LU-BD-UB	xesa		terb					0		
DL-LU-BD-DF	xesu		terd					0		
DL-LU-BD-BU	xesq		terf					0		
DL-LU-BD-RU	xesm		terg					0		
DL-LU-BD-FU	xesi		terh					0		
DL-LU-BD-FL	xesl		teri					0		
DL-LU-BD-LF	xesf		terj					0		
DL-LU-BD-BL	xesr		terl					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
DL-LU-BD-BR	xest		term				0			
DL-LU-BD-RB	xesn		tern				0			C
DL-LU-BD-RF	xesp		tero				0			O
DL-LU-BD-FR	xesj		terp				0			
DL-LU-BD-LD	xesg		terq				0			
DL-LU-BD-RD	xeso		ters				0			
DL-LU-BD-DR	xesv		terv				0			
DL-LU-RD-UB	xeoa		tesb				0			A
DL-LU-RD-UR	xeob		tesc				0			
DL-LU-RD-DF	xeou		tesd				0			
DL-LU-RD-BU	xeoq		tesf				0			
DL-LU-RD-RU	xeom		tesg				0			
DL-LU-RD-FU	xeoi		tesh				0			
DL-LU-RD-FL	xeol		tesi				0			O
DL-LU-RD-LB	xeoh		tesk				0			
DL-LU-RD-BL	xeor		tesl				0			O
DL-LU-RD-BR	xeot		tesm				0			
DL-LU-RD-RB	xeon		tesn				0			
DL-LU-RD-RF	xeop		teso				0			
DL-LU-RD-FR	xeoj		tesp				0			O
DL-LU-RD-BD	xeos		tesr				0			O
DL-LU-RD-DB	xeow		tesu				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		
	DL-LU-DB-DF	xewu	teud					0		
	DL-LU-DB-BU	xewq	teuf					0		
	DL-LU-DB-RU	xewm	teug					0		
	DL-LU-DB-FU	xewi	teuh					0		
	DL-LU-DB-FL	xewl	teui					0		
	DL-LU-DB-LF	xewf	teuj					0		
	DL-LU-DB-LB	xewh	teuk					0		
	DL-LU-DB-BL	xewr	teul					0		
	DL-LU-DB-RB	xewn	teun					0		
	DL-LU-DB-RF	xewp	teuo					0		
	DL-LU-DB-FR	xewj	teup					0		
	DL-LU-DB-RD	xewo	teus					0		
	DL-LU-DB-DR	xewv	teuv					0		
	DL-LU-DR-UL	xevd	teva					0		
	DL-LU-DR-UB	xeva	tevb					0		
	DL-LU-DR-DF	xevu	tevd					0	L	
	DL-LU-DR-LF	xevf	tevj					0	O	
	DL-LU-DR-RB	xevn	tevn					0		
	DL-LU-DR-RF	xevp	tevo					0		
	DL-LU-DR-LD	xevg	tevq					0		
	DL-LU-DR-DB	xevw	tevu					0		
	DL-BU-UL-UB	xqda	tfab					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-BU-UL-DF	xqdu	tfad				0			
	DL-BU-UL-FL	xqdl	tfai				0			
	DL-BU-UL-LF	xqdf	tfaj				0			
	DL-BU-UL-LB	xqdh	tfak				0			
	DL-BU-UL-BL	xqdr	tfal				0		A	
	DL-BU-UL-BR	xqdt	tfam				0			
	DL-BU-UL-RB	xqdn	tfan				0		O	
	DL-BU-UL-BD	xqds	tfar				0			
	DL-BU-UL-RD	xqdo	tfas				0			
	DL-BU-UB-RB	xqan	tfbn				0			
	DL-BU-UB-RD	xqao	tfbs				0		A	
	DL-BU-UR-UB	xqba	tfcb				0			
	DL-BU-UR-LU	xqbe	tfce				0		O	
	DL-BU-UR-FU	xqbi	tfch				0			
	DL-BU-UR-LB	xqbh	tfck				0			
	DL-BU-UR-BR	xqbt	tfcm				0		A	
	DL-BU-UR-RB	xqbn	tfcn				0		F	
	DL-BU-UR-RF	xqbp	tfco				0			
	DL-BU-UR-FR	xqbj	tfcp				0			
	DL-BU-UR-RD	xqbo	tfcs				0			
	DL-BU-UR-DB	xqbw	tfcu				0			
	DL-BU-UR-DR	xqbv	tfcv	bscl satb lbt	U' S U2 R2 S U S' U' R2 U' 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
								0		0
	DL-BU-DF-LU	xque	tfde					0		0
	DL-BU-DF-RU	xqum	tfdg					0		0
	DL-BU-DF-FL	xqul	tfdi					0		0
	DL-BU-DF-LF	xquf	tfdj					0		0
	DL-BU-DF-BR	xqut	tfdm					0		0
	DL-BU-DF-RB	xqun	tfdn					0		0
	DL-BU-DF-RD	xquo	tfds					0		0
	DL-BU-LU-FL	xqel	tfei					0		0
	DL-BU-LU-LF	xqef	tfej					0		0
	DL-BU-LU-LB	xqeh	tfek					0		0
	DL-BU-LU-BL	xqer	tfel					0		0
	DL-BU-LU-BR	xqet	tfem					0		0
	DL-BU-LU-RF	xqep	tfeo					0		0
	DL-BU-LU-FR	xqej	tfep					0		0
	DL-BU-LU-BD	xqes	tfer					0		0
	DL-BU-LU-RD	xqeo	tfes					0		0
	DL-BU-LU-DB	xqew	tfeu	sman bman bt	S M U M' U' M U M' U' S'		10			
	DL-BU-RU-UL	xqmd	tfga					0		0
	DL-BU-RU-UB	xqma	tfgb					0		0
	DL-BU-RU-FL	xqml	tfgi					0		0
	DL-BU-RU-LB	xqmh	tfgk					0		0
	DL-BU-RU-BL	xqmr	tfgl					0		P

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	DL-BU-RU-BR	xqmt	tfgm					0		
	DL-BU-RU-RB	xqmnn	tfgn					0		0
	DL-BU-RU-FR	xqmj	tfgp					0		0
	DL-BU-RU-BD	xqms	tfgr					0		
	DL-BU-RU-RD	xqmo	tfgs	fsdn bmd ta	D2 S D M' U' M D S' U		9		0	
	DL-BU-RU-DB	xqmw	tfgu					0		
	DL-BU-RU-DR	xqmv	tfgv					0		
	DL-BU-FU-UL	xqid	tfha					0		
	DL-BU-FU-UR	xqib	tfhc					0		
	DL-BU-FU-LU	xqie	tfhe					0		
	DL-BU-FU-RU	xqim	tfhg					0		
	DL-BU-FU-FL	xqil	tfhi					0		
	DL-BU-FU-LF	xqif	tfhj					0		
	DL-BU-FU-BR	xqit	tfhm					0		0
	DL-BU-FU-FR	xqij	tfhp					0		F
	DL-BU-FU-RD	xqio	tfhs					0		
	DL-BU-FU-DB	xqiw	tfhu					0		P
	DL-BU-FU-DR	xqiv	tfhv					0		
	DL-BU-FL-UL	xqld	tfia					0		
	DL-BU-FL-DF	xqlu	tfid					0		
	DL-BU-FL-LU	xqle	tfie					0		
	DL-BU-FL-RU	xqlm	tfig					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		
DL-BU-FL-FU	xqli		tfih				0			
DL-BU-FL-LB	xqlh		tfik				0			P
DL-BU-FL-BL	xqlr		tfil				0			
DL-BU-FL-BR	xqlt		tfim				0			
DL-BU-FL-RB	xqln		tfin				0			
DL-BU-FL-RF	xqlp		tfio				0			
DL-BU-FL-FR	xqlj		tfip				0			
DL-BU-FL-BD	xqls		tfir				0			
DL-BU-FL-RD	xqlo		tfis				0			
DL-BU-FL-DR	xqlv		tfiv				0			
DL-BU-LF-UL	xqfd		tfja				0			
DL-BU-LF-UB	xqfa		tfjb				0			A
DL-BU-LF-LU	xqfe		tfje				0			
DL-BU-LF-RU	xqfm		tfjg				0			
DL-BU-LF-LB	xqfh		tfjk				0			A
DL-BU-LF-BL	xqfr		tfjl				0			O
DL-BU-LF-BR	xqft		tfjm				0			A
DL-BU-LF-RB	xqfn		tfjn				0			
DL-BU-LF-RF	xqfp		tfjo				0			
DL-BU-LF-BD	xqfs		tfjr				0			
DL-BU-LF-RD	xqfo		tfjs				0			O
DL-BU-LF-DB	xqfw		tfju				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		
DL-BU-LB-UR	xqhb		tfkc				0			
DL-BU-LB-DF	xqhu		tfkd				0			P
DL-BU-LB-RU	xqhm		tfkg				0			
DL-BU-LB-FU	xqhi		tfkh				0			
DL-BU-LB-FL	xqhl		tfki				0			
DL-BU-LB-RB	xqhn		tfkn				0			O
DL-BU-LB-FR	xqhj		tfkp				0			
DL-BU-LB-BD	xqhs		tfkr				0			A
DL-BU-LB-RD	xqho		tfks				0			A
DL-BU-LB-DB	xqhw		tfku				0			
DL-BU-LB-DR	xqhv		tfkv				0			
DL-BU-BL-UL	xqrq		tfla				0			
DL-BU-BL-UR	xqrb		tfic				0			
DL-BU-BL-LU	xqre		tfle				0			
DL-BU-BL-RU	xqrm		tfhg				0			O
DL-BU-BL-FL	xqrl		tfli				0			O
DL-BU-BL-LF	xqrf		tfij				0			
DL-BU-BL-LB	xqrh		tfik				0			A
DL-BU-BL-BR	xqrt		tfim				0			
DL-BU-BL-RB	xqrn		tfin				0			O
DL-BU-BL-RF	xqrp		tflo				0			
DL-BU-BL-FR	xqrj		tfip				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
DL-BU-BL-BD	xqrs		tflr				0			
DL-BU-BL-RD	xqro		tfsls				0			A
DL-BU-BL-DB	xqrw		tflu				0			
DL-BU-BL-DR	xqrv		tflv				0			F
DL-BU-BR-UL	xqtd		tfma				0			
DL-BU-BR-UR	xqtb		tfmc				0			
DL-BU-BR-DF	xqtu		tfmd				0			O
DL-BU-BR-LU	xqte		tfme				0			F
DL-BU-BR-RU	xqtm		tfmg				0			O
DL-BU-BR-FU	xqtii		tfmh				0			
DL-BU-BR-FL	xqtl		tfmi				0			
DL-BU-BR-LF	xqtf		tfmj				0			
DL-BU-BR-LB	xqth		tfmk				0			O
DL-BU-BR-BL	xqtr		tfml				0			
DL-BU-BR-RF	xqtp		tfmo				0			
DL-BU-BR-FR	xqtj		tfmp				0			
DL-BU-BR-LD	xqtg		tfmq				0			
DL-BU-BR-BD	xqts		tfmr				0			O
DL-BU-BR-DB	xqtw		tfmu				0			
DL-BU-RB-UB	xqna		tfnb				0			
DL-BU-RB-UR	xqnb		tfnc				0			A
DL-BU-RB-DF	xqnu		tfnd				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
DL-BU-RB-FU	xqni		tnfh				0			
DL-BU-RB-FL	xqnj		tfni				0			
DL-BU-RB-BL	xqnr		tfnl				0			
DL-BU-RB-FR	xqnj		tfnp				0			
DL-BU-RB-LD	xqng		tfnq				0			
DL-BU-RB-RD	xqno		tfns				0			F
DL-BU-RB-DR	xqnv		tfnv				0			
DL-BU-RF-UR	xqpb		tfoc				0			
DL-BU-RF-DF	xqpu		tfod				0			
DL-BU-RF-LU	xqpe		tfoe				0			
DL-BU-RF-RU	xqpm		tfog				0			P
DL-BU-RF-FU	xqpi		tfoh				0			
DL-BU-RF-FL	xqpl		tfoi				0			
DL-BU-RF-LF	xqpf		tfoj				0			
DL-BU-RF-LB	xqph		tfok				0			
DL-BU-RF-BL	xqpr		tfol				0			
DL-BU-RF-BR	xqpt		tfom				0			
DL-BU-RF-RB	xqpn		tfon				0			
DL-BU-RF-BD	xqps		tfor				0			
DL-BU-RF-RD	xqpo		tfos				0			
DL-BU-RF-DB	xqpw		tfou				0			
DL-BU-RF-DR	xqpv		tfov				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		
DL-BU-FR-UL	xqjd	tfpa					0			
DL-BU-FR-UR	xqjb	tfpc					0			
DL-BU-FR-DF	xqju	tfpd					0			
DL-BU-FR-LU	xqje	tfpe					0			
DL-BU-FR-RU	xqjm	tfpg					0			
DL-BU-FR-LB	xqjh	tfpk		bkxh shti xja	U' R' F2 L' S L' S' L2 F2 R U		11			A
DL-BU-FR-BL	xqjr	tfpl					0			C
DL-BU-FR-RB	xqjn	tfpn					0			O
DL-BU-FR-BD	xqjs	tfpr					0			
DL-BU-FR-DB	xqjw	tfpu					0			
DL-BU-LD-LU	xqge	tfqe					0			
DL-BU-LD-BR	xqgt	tfqm					0			
DL-BU-LD-BD	xqgs	tfqr					0			A
DL-BU-LD-RD	xqgo	tfqs					0			
DL-BU-BD-UR	xqsb	tfrc					0			
DL-BU-BD-DF	xqus	tfrd					0			
DL-BU-BD-LU	xqse	tfre					0			A
DL-BU-BD-RU	xqsm	tfrg					0			
DL-BU-BD-FL	xqsl	tfri					0			
DL-BU-BD-LF	xqsf	tfrj					0			
DL-BU-BD-LB	xqsh	tfrk					0			
DL-BU-BD-BL	xqsr	tfrl					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
			tfrm				0			
DL-BU-BD-BR	xqst		tfrm				0			A
DL-BU-BD-RB	xqsn		tfrn				0			
DL-BU-BD-FR	xqsj		tfrp				0			
DL-BU-BD-LD	xqsg		tfrq				0			
DL-BU-BD-DR	xqsv		tfrv				0			
DL-BU-RD-UL	xqod		tfsa				0			F
DL-BU-RD-UR	xqob		tfsc				0			L
DL-BU-RD-RU	xqom		tfsg				0			
DL-BU-RD-FL	xqol		tfsi				0			
DL-BU-RD-LB	xqoh		tfsk				0			
DL-BU-RD-BL	xqor		tfsl				0			
DL-BU-RD-BR	xqot		tfsm				0			
DL-BU-RD-RB	xqon		tfsn				0			
DL-BU-RD-RF	xqop		tfso				0			
DL-BU-RD-FR	xqoj		tfsp				0			
DL-BU-RD-BD	xqos		tfsr				0			
DL-BU-RD-DB	xqow		tfsu				0			
DL-BU-DB-RU	xqwm		tfug				0			
DL-BU-DB-FL	xqwl		tfui				0			O
DL-BU-DB-LF	xqwf		tfuj				0			
DL-BU-DB-BL	xqwr		tful				0			
DL-BU-DB-BR	xqwt		tfum				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		
	DL-BU-DB-RB	xqwn	tfun					0		
	DL-BU-DB-RF	xqwp	tfuo					0		
	DL-BU-DB-FR	xqwj	tfup					0		
	DL-BU-DB-DR	xqwv	tfuv					0		
	DL-BU-DR-UR	xqvb	tfvc					0		
	DL-BU-DR-LU	xqve	tfve					0		
	DL-BU-DR-BL	xqvr	tfvl					0		
	DL-BU-DR-BR	xqvt	tfvm	valt jsj bw		F U R2 S' R S R U' F'		9		
	DL-BU-DR-RB	xqvn	tfvn					0		
	DL-BU-DR-FR	xqvj	tfvp					0		
	DL-BU-FD-RB	xqkn	tfxn	jcdn ates amk		R U2 D M' U S' D' S U r'		11		
	DL-RU-UL-UB	xmda	tgab					0		
	DL-RU-UL-UR	xmdb	tgac					0		
	DL-RU-UL-DF	xmdu	tgad					0		
	DL-RU-UL-BU	xmdq	tgaf					0		
	DL-RU-UL-FU	xmdi	tgah					0		
	DL-RU-UL-FL	xndl	tgai					0		0
	DL-RU-UL-LF	xmdf	tgaj					0		
	DL-RU-UL-LB	xmdh	tgak					0		
	DL-RU-UL-BL	xmdr	tgal					0		
	DL-RU-UL-BR	xmdt	tgam					0		
	DL-RU-UL-RF	xmdp	tgao					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		
	DL-RU-UL-FR	xmdj	tgap					0		
	DL-RU-UL-BD	xmds	tgar					0		0
	DL-RU-UL-RD	xmdo	tgas	cmkd njat bsmk enjc	U2 r' D r U S' U' S r' D' r U2			16		
	DL-RU-UL-DB	xmdw	tgau					0		
	DL-RU-UB-UL	xmad	tgba	taub ltlb sat	S' U S2 U' R2 S' R2 U' S U S'			11		
	DL-RU-UB-DF	xmau	tgbd					0		
	DL-RU-UB-LU	xmae	tgbf					0		
	DL-RU-UB-FL	xmal	tgbf					0		
	DL-RU-UB-LF	xmaf	tgbj					0		
	DL-RU-UB-LB	xmah	tgbk					0		
	DL-RU-UB-BL	xmar	tgbf					0		
	DL-RU-UB-BR	xmat	tgbm					0		
	DL-RU-UB-RB	xman	tgbn					0		
	DL-RU-UB-RF	xmap	tgbo					0		
	DL-RU-UB-FR	xmaj	tgbp					0		
	DL-RU-UB-BD	xmas	tgbf					0		
	DL-RU-UB-RD	xmao	tgbf					0		
	DL-RU-UB-DB	xmaw	tgbu					0		
	DL-RU-UB-DR	xmav	tgbv					0		
	DL-RU-DF-UL	xmud	tgda					0		
	DL-RU-DF-UR	xmub	tgdc					0		
	DL-RU-DF-LU	xmue	tgde					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		
DL-RU-DF-BU	xmuq		tgdf				0			
DL-RU-DF-FL	xmul		tgdi				0			
DL-RU-DF-LF	xmuf		tgdj				0			
DL-RU-DF-BR	xmut		tgdm				0			
DL-RU-DF-RB	xmun		tgdn				0			
DL-RU-DF-RF	xmup		tgdo				0		F	
DL-RU-DF-FR	xmuj		tgdp				0		A	
DL-RU-DF-RD	xmuo		tgds				0		O	
DL-RU-DF-DB	xmuw		tgdu				0			
DL-RU-DF-DR	xmuv		tgdv				0			
DL-RU-LU-UB	xmea		tgeb				0		O	
DL-RU-LU-BU	xmeq		tgef				0			
DL-RU-LU-FL	xmel		tgei				0			
DL-RU-LU-LF	xmef		tgej				0			
DL-RU-LU-LB	xmeh		tgek				0		O	
DL-RU-LU-BL	xmer		tgel				0			
DL-RU-LU-BR	xmet		tgem				0		O	
DL-RU-LU-RB	xmen		tgen				0		C	
DL-RU-LU-RF	xmep		tgeo				0			
DL-RU-LU-FR	xmej		tgep				0			
DL-RU-LU-BD	xmes		tger				0			
DL-RU-LU-RD	xmeo		tges				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		
DL-RU-LU-DB	xmew		tgeu				0			
DL-RU-LU-DR	xmev		tgev				0			
DL-RU-BU-UL	xmqd		tgfa				0			P
DL-RU-BU-DF	xmqu		tgfd				0			
DL-RU-BU-LU	xmqe		tgfe				0			F
DL-RU-BU-LB	xmqh		tgfk				0			A
DL-RU-BU-BL	xmqr		tgfl				0			A
DL-RU-BU-RF	xmqp		tgfo				0			
DL-RU-FU-UB	xmia		tghb				0			
DL-RU-FU-UR	xmib		tghc				0			
DL-RU-FU-LU	xmie		tghe				0			P
DL-RU-FU-BU	xmiq		tghf				0			
DL-RU-FU-FL	xmil		tghi				0			
DL-RU-FU-BL	xmir		tghl				0			
DL-RU-FU-BR	xmit		tghm				0			A
DL-RU-FU-RB	xmin		tghn				0			
DL-RU-FU-BD	xmis		tghr				0			
DL-RU-FU-RD	xmio		tghs				0			
DL-RU-FU-DB	xmiw		tghu				0			
DL-RU-FL-UL	xmld		tgia				0			
DL-RU-FL-UB	xmla		tgib				0			
DL-RU-FL-DF	xmlu		tgid				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		
	DL-RU-FL-LU	xmle	tgie					0		
	DL-RU-FL-BU	xmlq	tgif					0		L
	DL-RU-FL-FU	xmli	tgih					0		
	DL-RU-FL-LF	xmlf	tgij					0		O
	DL-RU-FL-LB	xmlh	tgik					0		
	DL-RU-FL-BL	xmir	tgil					0		F
	DL-RU-FL-BR	xmit	tgim					0		
	DL-RU-FL-RB	xmin	tgin					0		
	DL-RU-FL-RF	xmip	tgio					0		
	DL-RU-FL-BD	xmils	tgir					0		O
	DL-RU-FL-RD	xmlo	tgis					0		A
	DL-RU-LF-UL	xmfd	tgja					0		
	DL-RU-LF-UB	xmfa	tgjb					0		A
	DL-RU-LF-DF	xmfu	tgjd					0		
	DL-RU-LF-LU	xmfe	tgje					0		
	DL-RU-LF-FU	xmfi	tgjh					0		
	DL-RU-LF-FL	xmfl	tgji					0		P
	DL-RU-LF-LB	xmfh	tgjk	gtga gsht bsi	L S' L U L S L' S' U' S L2		11			
	DL-RU-LF-BL	xmfr	tgjl					0		A
	DL-RU-LF-BR	xmft	tgjm					0		
	DL-RU-LF-BD	xmfs	tgjr					0		
	DL-RU-LF-RD	xmfo	tgjs	jelf wfif wek	R D' R2 D2 F' D2 R2 D2 F' D' R'		11			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-RU-LF-DR	xmfv	tgjv				0			0
	DL-RU-LB-UL	xmhd	tgka				0			0
	DL-RU-LB-UB	xmha	tgkb				0			0
	DL-RU-LB-UR	xmhb	tgkc				0			0
	DL-RU-LB-DF	xmhu	tgkd	jwrv dvrw ek	R F' E2 F D F E2 F' D' R'		10			0
	DL-RU-LB-LU	xmhe	tgke				0			0
	DL-RU-LB-BU	xmhq	tgkf				0			0
	DL-RU-LB-FU	xmhi	tgkh				0			0
	DL-RU-LB-FL	xmhl	tgki				0			0
	DL-RU-LB-LF	xmhf	tgkj				0			0
	DL-RU-LB-BR	xmht	tgkm				0			0
	DL-RU-LB-RB	xmhn	tgkn				0			0
	DL-RU-LB-BD	xmhs	tgkr				0			0
	DL-RU-LB-RD	xmho	tgks				0			0
	DL-RU-LB-DB	xmhw	tgku				0			0
	DL-RU-LB-DR	xmhv	tgkv				0			0
	DL-RU-BL-UL	xmrn	tgle				0			0
	DL-RU-BL-DF	xmru	tgle				0			0
	DL-RU-BL-LU	xmre	tgle				0			0
	DL-RU-BL-FL	xmrl	tgli				0			0
	DL-RU-BL-LF	xmrf	tglj				0			0
	DL-RU-BL-BR	xmrt	tglm				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
	DL-RU-BL-RB	xmrn	tgl				0			
	DL-RU-BL-RF	xmrp	tglo				0			
	DL-RU-BL-DR	xmrv	tglv				0			
	DL-RU-BR-UL	xmtd	tgma				0		0	
	DL-RU-BR-UB	xmta	tgmb				0			
	DL-RU-BR-UR	xmtb	tgmc				0			
	DL-RU-BR-DF	xmtu	tgmd				0			
	DL-RU-BR-LU	xmte	tgme				0		0	
	DL-RU-BR-BU	xmtq	tgmf				0			
	DL-RU-BR-FU	xmti	tgmh				0			
	DL-RU-BR-FL	xmtl	tgmi				0			
	DL-RU-BR-LF	xmtf	tgmj				0			
	DL-RU-BR-BL	xmtr	tgml	mawh piph rvbn	M U F' L' E L2 E L' E2 F U' M'		12			
	DL-RU-BR-RF	xmtp	tgmo				0			
	DL-RU-BR-FR	xmtj	tgmp				0		0	
	DL-RU-BR-BD	xmts	tgnr				0			
	DL-RU-BR-DB	xmtw	tgnu				0			
	DL-RU-RB-UL	xmnd	tgna				0			
	DL-RU-RB-LU	xmne	tgne				0			
	DL-RU-RB-BU	xmnq	tgnf				0			
	DL-RU-RB-LF	xmnf	tgnj				0			
	DL-RU-RB-RF	xmnp	tgno	ncjs kakt jam	M' U2 R S R' U R' S' R U M		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		
DL-RU-RB-FR	xmnj		tgnp					0		
DL-RU-RB-BD	xmns		tgnr					0		
DL-RU-RB-RD	xmno		tgns					0		
DL-RU-RB-DB	xmnw		tgnu					0		
DL-RU-RF-UB	xmpa		tgob					0		
DL-RU-RF-BU	xmpq		tgof					0		
DL-RU-RF-LF	xmpf		tgoj					0		
DL-RU-RF-LB	xmph		tgok					0		
DL-RU-RF-BL	xmpr		tgol					0		
DL-RU-RF-RB	xmpn		tgon					0		
DL-RU-RF-BD	xmps		tgor					0		
DL-RU-RF-RD	xmpo		tgos					0		
DL-RU-FR-UL	xmjd		tgpa					0		
DL-RU-FR-UB	xmja		tgpb					0		
DL-RU-FR-LU	xmje		tgpe					0		
DL-RU-FR-BL	xmjr		tgpl					0		
DL-RU-FR-BR	xmjt		tgpm					0		
DL-RU-FR-RB	xmjn		tgpn					0		
DL-RU-FR-LD	xmjg		tgpq					0		
DL-RU-FR-BD	xmjs		tgpr					0		
DL-RU-FR-RD	xmjo		tgps					0		
DL-RU-FR-DB	xmjw		tgpu					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		
DL-RU-FR-DR	xmjv		tgpv				0		0	
DL-RU-LD-LU	xmge		tgqe				0			
DL-RU-BD-UL	xmsd		tgra				0			
DL-RU-BD-DF	xmsu		tgrd				0		A	
DL-RU-BD-LU	xmse		tgre				0		0	
DL-RU-BD-BU	xmsq		tgrf				0			
DL-RU-BD-FU	xmsi		tgrh				0		0	
DL-RU-BD-FL	xmsl		tgri				0			
DL-RU-BD-LF	xmsf		tgrj				0		0	
DL-RU-BD-LB	xmsh		tgrk				0			
DL-RU-BD-BR	xmst		tgrm				0			
DL-RU-BD-RB	xmsn		tgrn				0		A	
DL-RU-BD-RF	xmsp		tgro				0			
DL-RU-BD-FR	xmsj		tgrp				0			
DL-RU-BD-RD	xmso		tgrs				0		0	
DL-RU-BD-DR	xmsv		tgrv				0			
DL-RU-RD-UL	xmod		tgsa				0			
DL-RU-RD-UB	xmoa		tgsb				0			
DL-RU-RD-DF	xmou		tgsd				0			
DL-RU-RD-LU	xmoe		tgse				0		A	
DL-RU-RD-BU	xmoq		tgsf				0			
DL-RU-RD-FU	xmoi		tgsh				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-RU-RD-FL	xmol	tgsi				0			
	DL-RU-RD-LF	xmof	tgsj				0			
	DL-RU-RD-LB	xmoh	tgsk				0		0	
	DL-RU-RD-BL	xmor	tgsl				0			
	DL-RU-RD-BR	xmot	tgsm				0			
	DL-RU-RD-RB	xmon	tgsn			tagasan	0			
	DL-RU-RD-RF	xmop	tgso			tagaso	0			
	DL-RU-RD-FR	xmoj	tgsp			tagasap	0			
	DL-RU-RD-BD	xmos	tgsr				0			
	DL-RU-RD-DB	xmow	tgsu				0			
	DL-RU-DB-UL	xmwd	tgua	sata sama nt	S U S' U S U M U M' S'			10		
	DL-RU-DB-UB	xmwa	tgub	cman bsa ta	U2 M U M' U' S U S' U		9			
	DL-RU-DB-DF	xmwu	tgud				0			
	DL-RU-DB-LU	xmwe	tgue	nana sat ao	M' U M' U S U S' U M2		9		0	
	DL-RU-DB-BU	xmwq	tguf	nlen dol	M' R2 D' M' D r2		7			
	DL-RU-DB-FL	xmwl	tgui	wfgd seth fv	F' D2 L D S D' S' L' D2 F		10			
	DL-RU-DB-LF	xmwf	tguj	ibga mbnh ai	L2 U' L U M U' I' U L2		10			
	DL-RU-DB-LB	xmwh	tguk	ibha mbng ai	L2 U' L' U M U' M' L U L2		10			
	DL-RU-DB-BL	xmwr	tgul	fvlr kpjp lwf	D2 F R2 E2 R' E R E R2 F' D2		11			
	DL-RU-DB-BR	xmwt	tgum	fwjp jql vf	D2 F' R E R E' R2 F D2		9			
	DL-RU-DB-RB	xmwn	tgun	iakb majc nai	L2 U R' U' M U R U2 M' U L2		11			
	DL-RU-DB-RF	xmwp	tguo	adhv pvqx gbe	U D L' F E F E' F2 L U' D'		11			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-RU-DB-FR	xmwj	tgup	vbnk emdj aw	F U' M' R' D' M D R U F'		10			
	DL-RU-DB-RD	xmwo	tgus				0			
	DL-RU-DB-DR	xmwv	tguv				0			
	DL-RU-DR-UL	xmvd	tgva				0			
	DL-RU-DR-DF	xmvu	tgvd				0			
	DL-RU-DR-LU	xmve	tgve				0			
	DL-RU-DR-BU	xmvq	tgvf				0			
	DL-RU-DR-FU	xmvi	tgvh				0			
	DL-RU-DR-FL	xmvl	tgvi				0			
	DL-RU-DR-LF	xmvf	tgvj				0			
	DL-RU-DR-LB	xmvh	tgvk				0			
	DL-RU-DR-BL	xmvr	tgvl	wrlt ksk rv	F' E2 R2 S' R' S R' E2 F		9			
	DL-RU-DR-BR	xmvt	tgvm				0			
	DL-RU-DR-RB	xmvn	tgvn				0			
	DL-RU-DR-RF	xmvp	tgvo				0			
	DL-RU-DR-FR	xmvj	tgvp				0			
	DL-RU-DR-LD	xmvg	tgvq				0		0	
	DL-RU-DR-BD	xmvs	tgvr				0		A	
	DL-RU-DR-DB	xmvw	tgvu				0			
	DL-FU-UL-UB	xida	thab				0			
	DL-FU-UL-UR	xidb	thac				0			
	DL-FU-UL-BU	xidq	thaf				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		
DL-FU-UL-RU	xidm		thag				0			
DL-FU-UL-FL	xidl		thai				0		L	
DL-FU-UL-LF	xidf		thaj				0		O	
DL-FU-UL-LB	xidh		thak				0		L	
DL-FU-UL-BR	xidt		tham				0			
DL-FU-UL-RB	xidn		than				0		A	
DL-FU-UL-FR	xidj		thap				0		L	
DL-FU-UL-LD	xidg		thaq				0		O	
DL-FU-UL-BD	xids		thar				0		C	
DL-FU-UL-DR	xidv		thav				0			
DL-FU-UB-UL	xiad		thba				0		A	
DL-FU-UB-UR	xiab		thbc				0			
DL-FU-UB-LU	xiae		thbe				0			
DL-FU-UB-RU	xiam		thbg				0			
DL-FU-UB-FL	xial		thbi				0		A	
DL-FU-UB-LF	xiaf		thbj				0			
DL-FU-UB-LB	xiah		thbk				0		O	
DL-FU-UB-BL	xiar		thbl				0			
DL-FU-UB-BR	xiat		thbm				0			
DL-FU-UB-FR	xiaj		thbp				0			
DL-FU-UB-DB	xiaw		thbu				0			
DL-FU-UB-DR	xiav		thbv				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		
DL-FU-UR-UB	xiba		thcb					0		
DL-FU-UR-FL	xibl		thci					0		
DL-FU-UR-LF	xibf		thcj					0		
DL-FU-UR-LB	xibh		thck					0	0	
DL-FU-UR-BL	xibr		thcl					0		A
DL-FU-UR-RB	xibn		thcn					0		
DL-FU-UR-FR	xibj		thcp					0		P
DL-FU-UR-BD	xibs		thcr					0		
DL-FU-UR-RD	xibo		thcs					0	0	
DL-FU-UR-DR	xibv		thcv					0		
DL-FU-DF-UB	xiua		thdb					0		
DL-FU-DF-BR	xiut		thdm					0		
DL-FU-DF-RB	xiun		thdn					0		
DL-FU-DF-FR	xiuj		thdp					0		
DL-FU-DF-DB	xiuw		thdu					0		
DL-FU-LU-UB	xiea		theb					0		
DL-FU-LU-BU	xieq		thef					0		A
DL-FU-LU-LB	xieh		thek					0		L
DL-FU-LU-BL	xier		thel					0		C
DL-FU-LU-BR	xiet		them					0		P
DL-FU-LU-RB	xien		then					0		A
DL-FU-LU-RF	xiep		theo					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
DL-FU-LU-FR	xiej		the <sup>p</sup>				0			
DL-FU-LU-LD	xieg		theq				0			
DL-FU-LU-RD	xieo		thes				0			
DL-FU-LU-DB	xiew		theu				0			
DL-FU-LU-DR	xiev		thev				0		P	
DL-FU-BU-UL	xiqd		thfa				0			
DL-FU-BU-UR	xiqb		thfc				0		F	
DL-FU-BU-LU	xiqe		thfe				0		F	
DL-FU-BU-RU	xiqm		thfg				0		O	
DL-FU-BU-FL	xiql		thfi				0		P	
DL-FU-BU-LF	xiqf		thfj				0			
DL-FU-BU-LB	xiqh		thfk				0			
DL-FU-BU-BR	xiqt		thfm				0			
DL-FU-BU-RB	xiqn		thfn				0			
DL-FU-BU-RF	xiqp		thfo				0			
DL-FU-BU-FR	xiqj		thfp				0		A	
DL-FU-BU-LD	xiqg		thfq				0			
DL-FU-BU-DR	xiqv		thfv				0			
DL-FU-RU-UL	ximd		thga				0			
DL-FU-RU-UB	xima		thgb				0			
DL-FU-RU-LU	xime		thge				0		A	
DL-FU-RU-BU	ximq		thgf				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		
DL-FU-RU-FL	ximl		thgi				0			
DL-FU-RU-BL	ximr		thgl				0			P
DL-FU-RU-FR	ximj		thgp				0			O
DL-FU-RU-RD	ximo		thgs				0			
DL-FU-RU-DB	ximw		thgu				0			
DL-FU-FL-UL	xild		thia				0			P
DL-FU-FL-UR	xiib		thic				0			F
DL-FU-FL-DF	xilu		thid				0			
DL-FU-FL-LU	xile		thie				0			P
DL-FU-FL-BU	xilq		thif				0			P
DL-FU-FL-RU	xilm		thig				0			
DL-FU-FL-LB	xilh		thik				0			L
DL-FU-FL-BR	xilt		thim				0			C
DL-FU-FL-RB	xiln		thin				0			F
DL-FU-FL-BD	xils		thir				0			C
DL-FU-FL-RD	xilo		this				0			L
DL-FU-FL-DB	xilw		thiu				0			
DL-FU-FL-DR	xilv		thiv				0			L
DL-FU-LF-UL	xifd		thja				0			A
DL-FU-LF-UR	xifb		thjc				0			
DL-FU-LF-LU	xife		thje				0			P
DL-FU-LF-RU	xifm		thjg				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		
DL-FU-LF-LB	xifh		thjk					0		
DL-FU-LF-BR	xift		thjm					0		
DL-FU-LF-RB	xifn		thjn					0		
DL-FU-LF-RF	xifp		thjo					0		
DL-FU-LF-FR	xifj		thjp					0		
DL-FU-LF-BD	xifs		thjr					0		
DL-FU-LF-RD	xifo		thjs					0		
DL-FU-LF-DB	xifw		thju					0		
DL-FU-LF-DR	xifv		thjv					0		
DL-FU-LB-UL	xihd		thka					0		
DL-FU-LB-UR	xihb		thkc					0		
DL-FU-LB-LU	xihe		thke					0		F
DL-FU-LB-RU	xihm		thkg					0		
DL-FU-LB-LF	xihf		thkj					0		
DL-FU-LB-RB	xihn		thkn					0		F
DL-FU-LB-FR	xihj		thkp					0		
DL-FU-LB-RD	xiho		thks					0		
DL-FU-LB-DB	xihw		thku					0		L
DL-FU-BL-UL	xird		thla					0		
DL-FU-BL-UB	xira		thlb					0		C
DL-FU-BL-LU	xire		thle					0		A
DL-FU-BL-RU	xirm		thlg					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
DL-FU-BL-FL	xirl		thli				0			
DL-FU-BL-LF	xirf		thlj				0			
DL-FU-BL-BR	xirt		thlm				0			
DL-FU-BL-RB	xirn		thln				0			
DL-FU-BL-RF	xirp		thlo				0			
DL-FU-BL-FR	xirj		thlp				0		0	
DL-FU-BL-BD	xirs		thlr				0		0	
DL-FU-BL-RD	xiro		thls				0		P	
DL-FU-BL-DR	xirv		thlv				0		P	
DL-FU-BR-UL	xitd		thma				0			
DL-FU-BR-UR	xitb		thmc				0			
DL-FU-BR-LU	xite		thme				0		0	
DL-FU-BR-BU	xitq		thmf				0			
DL-FU-BR-RU	xitm		thmg				0		0	
DL-FU-BR-FL	xitl		thmi				0			
DL-FU-BR-LF	xitf		thmj				0			
DL-FU-BR-FR	xitj		thmp				0		A	
DL-FU-BR-LD	xitg		thmq				0			
DL-FU-BR-RD	xito		thms				0		P	
DL-FU-BR-DR	xitv		thmv				0		A	
DL-FU-RB-UL	xind		thna				0		C	
DL-FU-RB-UB	xina		thnb				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
DL-FU-RB-LU	xine		thne				0			C
DL-FU-RB-LF	xinf		thnj				0			
DL-FU-RB-LB	xinh		thnk				0			
DL-FU-RB-BL	xinr		thnl				0			O
DL-FU-RB-FR	xinj		thnp				0			
DL-FU-RB-LD	xing		thnq				0			
DL-FU-RB-RD	xino		thns				0			P
DL-FU-RB-DR	xinv		thnv				0			
DL-FU-RF-UL	xipd		thoa				0			
DL-FU-RF-UB	xipa		thob				0			
DL-FU-RF-UR	xipb		thoc				0			
DL-FU-RF-BU	xipq		thof				0			
DL-FU-RF-RU	xipm		thog				0			
DL-FU-RF-LB	xiph		thok				0			A
DL-FU-RF-BR	xipt		thom				0			
DL-FU-RF-RB	xipn		thon				0			
DL-FU-RF-BD	xips		thor				0			P
DL-FU-RF-RD	xipo		thos				0			
DL-FU-RF-DB	xipw		thou				0			O
DL-FU-RF-DR	xipv		thov				0			
DL-FU-FR-UL	xijd		thpa				0			
DL-FU-FR-UB	xija		thpb				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
			aaaa					0		
DL-FU-FR-UR	xijb		thpc					0		
DL-FU-FR-DF	xiju		thpd					0		A
DL-FU-FR-FL	xijl		thpi					0		A
DL-FU-FR-LF	xijf		thpj					0		
DL-FU-FR-LB	xijh		thpk					0		
DL-FU-FR-BL	xijr		thpl					0		
DL-FU-FR-RD	xijo		thps					0		
DL-FU-FR-DB	xijw		thpu					0		C
DL-FU-FR-DR	xijv		thpv					0		
DL-FU-LD-LB	xigh		thqk					0		
DL-FU-LD-BD	xigs		thqr					0		O
DL-FU-LD-DB	xigw		thqu					0		L
DL-FU-LD-DR	xigv		thqv					0		
DL-FU-BD-UL	xisd		thra					0		
DL-FU-BD-DF	xisu		thrd					0		O
DL-FU-BD-LU	xise		thre					0		O
DL-FU-BD-BU	xisq		thrf					0		
DL-FU-BD-FL	xisl		thri					0		O
DL-FU-BD-LF	xisf		thrj					0		O
DL-FU-BD-BL	xisr		thrl					0		F
DL-FU-BD-RB	xisn		thrn					0		O
DL-FU-BD-RF	xisp		thro					0		A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		P
DL-FU-BD-FR	xisj		thrp				0			
DL-FU-BD-LD	xisg		thrq				0		O	
DL-FU-BD-RD	xiso		thrs				0		A	
DL-FU-BD-DB	xisw		thru				0		L	
DL-FU-BD-DR	xisv		thrv				0		A	
DL-FU-RD-UL	xiod		thsa				0			
DL-FU-RD-UB	xiao		thsb				0			
DL-FU-RD-UR	xiob		thsc				0		O	
DL-FU-RD-LU	xioe		thse				0			
DL-FU-RD-RU	xiom		thsg				0			
DL-FU-RD-FL	xiol		thsi				0		O	
DL-FU-RD-LF	xiof		thsj				0			
DL-FU-RD-LB	xioh		thsk				0		A	
DL-FU-RD-BL	xior		thsl				0			
DL-FU-RD-BR	xiot		thsm				0			
DL-FU-RD-RB	xion		thsn				0			
DL-FU-RD-RF	xiop		thso				0			
DL-FU-RD-FR	xioj		thsp				0			
DL-FU-RD-BD	xios		thsr				0			
DL-FU-RD-DB	xiow		thsu				0			
DL-FU-DB-UL	xiwd		thua				0			
DL-FU-DB-UB	xiwa		thub				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		
DL-FU-DB-UR	xiwb		thuc				0			
DL-FU-DB-DF	xiwu		thud				0			A
DL-FU-DB-LU	xiwe		thue				0			
DL-FU-DB-RU	xiwm		thug				0			F
DL-FU-DB-FL	xiwl		thui				0			
DL-FU-DB-LB	xiwh		thuk				0			
DL-FU-DB-BL	xiwr		thul				0			L
DL-FU-DB-BR	xiwt		thum				0			O
DL-FU-DB-RB	xiwn		thun				0			O
DL-FU-DB-BD	xiws		thur				0			A
DL-FU-DB-RD	xiwo		thus				0			L
DL-FU-DB-DR	xiwv		thuv				0			
DL-FU-DR-UL	xivd		thva				0			O
DL-FU-DR-LU	xive		thve				0			
DL-FU-DR-BU	xivq		thvf				0			
DL-FU-DR-RU	xivm		thvg				0			
DL-FU-DR-FL	xivl		thvi				0			
DL-FU-DR-LB	xivh		thvk				0			
DL-FU-DR-BL	xivr		thvl				0			
DL-FU-DR-RB	xivn		thvn				0			
DL-FU-DR-BD	xivs		thvr				0			
DL-FU-DR-DB	xivw		thvu				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-FL-UL-UB	xlda	tiab				0			
	DL-FL-UL-UR	xldb	tiac				0			
	DL-FL-UL-DF	xldu	tiad				0			
	DL-FL-UL-BU	xldq	tiaf				0			
	DL-FL-UL-RU	xldm	tiag				0			
	DL-FL-UL-FU	xldi	tiah				0			
	DL-FL-UL-LB	xldh	tiak	rgph vhqg wr	E2 L E L' F L' E' L F' E2		10			
	DL-FL-UL-BL	xldr	tial				0			
	DL-FL-UL-BR	xldt	tiam				0			
	DL-FL-UL-RB	xldn	tian				0		L	
	DL-FL-UL-RF	xldp	tiao				0			
	DL-FL-UL-FR	xldj	tiap				0			
	DL-FL-UL-BD	xlds	tiar				0		P	
	DL-FL-UL-RD	xldo	tias				0			
	DL-FL-UL-DR	xldv	tiav				0			
	DL-FL-UB-UL	xlad	tiba	bjas atckw	F R U S U S' U2 R' F'		9			
	DL-FL-UB-DF	xlau	tibd				0		C	
	DL-FL-UB-LU	xlae	tibe				0		P	
	DL-FL-UB-FU	xlai	tibh				0			
	DL-FL-UB-LB	xlah	tibk				0			
	DL-FL-UB-BL	xlar	tibl				0			
	DL-FL-UB-BR	xlat	tibm				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
	DL-FL-UB-RB	xian	tibn				0			
	DL-FL-UB-RF	xlap	tibo				0			P
	DL-FL-UB-BD	xlas	tibr				0			
	DL-FL-UB-RD	xiao	tibs				0			
	DL-FL-UB-DB	xlaw	tibu				0			
	DL-FL-UB-DR	xlav	tibv				0			
	DL-FL-UR-UL	xlbd	tica	uasi thbu ahb	S2 U S L2 S' L' U' S2 U L' U'		11			
	DL-FL-UR-DF	xlbu	ticd				0			
	DL-FL-UR-BU	xlbq	ticf				0			
	DL-FL-UR-FU	xlibi	tich				0			A
	DL-FL-UR-LB	xlbh	tick				0			O
	DL-FL-UR-BR	xlbt	ticm				0			
	DL-FL-UR-RB	xlbn	ticn				0			P
	DL-FL-UR-RF	xlpb	tico				0			
	DL-FL-UR-FR	xlbj	ticp				0			
	DL-FL-UR-BD	xlbs	ticr				0			O
	DL-FL-UR-DB	xlbw	ticu				0			
	DL-FL-UR-DR	xlbv	ticv				0			
	DL-FL-DF-UL	xlud	tida				0			L
	DL-FL-DF-LU	xlue	tide				0			O
	DL-FL-DF-BU	xluq	tidf				0			
	DL-FL-DF-RU	xlum	tidg				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
DL-FL-DF-BL	xlur		tidl				0			
DL-FL-DF-RB	xlun		tidn				0			A
DL-FL-DF-RF	xlup		tido				0			
DL-FL-DF-LD	xlug		tidq				0			
DL-FL-DF-BD	xlus		tidr				0			
DL-FL-DF-RD	xluo		tids				0			O
DL-FL-DF-DB	xluw		tidu				0			
DL-FL-DF-DR	xluv		tidv				0			
DL-FL-LU-UB	xlea		tieb				0			
DL-FL-LU-DF	xleu		tied				0			O
DL-FL-LU-BU	xleq		tief				0			
DL-FL-LU-RU	xlem		tieg				0			P
DL-FL-LU-FU	xlei		tieh				0			
DL-FL-LU-LB	xleh		tiek				0			
DL-FL-LU-BL	xler		tiel				0			
DL-FL-LU-BR	xlet		tiem				0			
DL-FL-LU-RB	xlen		tien				0			
DL-FL-LU-RF	xlep		tieo				0			
DL-FL-LU-FR	xlej		tiep				0			
DL-FL-LU-BD	xles		tier				0			O
DL-FL-LU-RD	xleo		ties				0			A
DL-FL-LU-DB	xlew		tieu				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	-DL-FL-BU	xlq	tif				0			
	DL-FL-BU-UL	xlqd	tifa				0		O	
	DL-FL-BU-UR	xlqb	tifc				0		A	
	DL-FL-BU-DF	xlqu	tifd				0		O	
	DL-FL-BU-LU	xlqe	tife				0			
	DL-FL-BU-RU	xlqm	tifg				0			
	DL-FL-BU-FU	xlqi	tifh				0		O	
	DL-FL-BU-BL	xlqr	tifl				0			
	DL-FL-BU-BR	xlqt	tifm				0			
	DL-FL-BU-RB	xlqn	tifn				0			
	DL-FL-BU-RF	xlqp	tifo				0			
	DL-FL-BU-BD	xlqs	tifr				0		C	
	DL-FL-BU-RD	xlqo	tifs				0			
	DL-FL-BU-DB	xlqw	tifu				0			
	DL-FL-RU-UL	ximd	tiga				0		O	
	DL-FL-RU-DF	ximu	tigd				0			
	DL-FL-RU-LU	xime	tige				0			
	DL-FL-RU-BU	ximq	tigf				0			
	DL-FL-RU-FU	ximi	tigh				0			
	DL-FL-RU-BR	ximt	tigm				0		O	
	DL-FL-RU-RB	ximn	tign				0			
	DL-FL-RU-FR	ximj	tigp				0			A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		0
DL-FL-RU-BD	xlms	tigr					0			
DL-FL-RU-RD	xlmo	tigs					0			
DL-FL-FU-UL	xlid	tiha					0		L	
DL-FL-FU-UB	xlia	tihb					0			
DL-FL-FU-UR	xlib	tihc					0			
DL-FL-FU-LU	xlie	tihe					0			
DL-FL-FU-BU	xliq	tihf					0			
DL-FL-FU-RU	xlim	tihg					0			
DL-FL-FU-LB	xlih	tihk					0			
DL-FL-FU-BL	xlir	tihl					0			
DL-FL-FU-BR	xlit	tihm					0			
DL-FL-FU-RB	xlin	tihn					0			
DL-FL-FU-RF	xlip	tiho					0			
DL-FL-FU-FR	xlij	tihp					0			
DL-FL-FU-BD	xlis	tihr					0			
DL-FL-FU-RD	xlio	tihs					0			
DL-FL-FU-DB	xliw	tihu					0			
DL-FL-FU-DR	xliv	tihv					0			
DL-FL-LF-UL	xlfid	tija					0		L	
DL-FL-LB-UL	xlhdi	tika					0		L	
DL-FL-LB-UB	xliha	tikb					0			
DL-FL-LB-UR	xlihb	tikc					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-FL-LB-DF	xihu	tikd				0			
	DL-FL-LB-BU	xlhq	tikf				0			
	DL-FL-LB-FU	xlihi	tikh				0			
	DL-FL-LB-BL	xlihr	tikl				0		A	
	DL-FL-LB-BR	xliht	tikm				0			
	DL-FL-LB-RB	xlihn	tikn				0			
	DL-FL-LB-RF	xlihp	tiko				0			
	DL-FL-LB-RD	xliho	tiks				0		O	
	DL-FL-LB-DB	xlihw	tiku				0		A	
	DL-FL-LB-DR	xlihv	tikv	gwgs hvi tg	L F' L S L' F L2 S' L		9			
	DL-FL-BL-UL	xlird	tila				0		A	
	DL-FL-BL-UB	xlira	tilb				0			
	DL-FL-BL-UR	xlirb	tilc				0			
	DL-FL-BL-DF	xliru	tild				0		A	
	DL-FL-BL-LU	xlire	tile				0		O	
	DL-FL-BL-BU	xlirq	tilf				0			
	DL-FL-BL-RU	xlirm	tilg				0			
	DL-FL-BL-FU	xliri	tilh				0			
	DL-FL-BL-LB	xlirh	tilk				0		P	
	DL-FL-BL-BR	xlirt	tilm				0			
	DL-FL-BL-RB	xlirn	tiln				0		A	
	DL-FL-BL-RF	xlirp	tilo				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
	DL-FL-BL-FR	xlrj	tilp	ahcx chc xa	U L' U2 F2 U2 L' U2 F2 U		9			
	DL-FL-BL-BD	xlrs	tilr				0			
	DL-FL-BL-RD	xlro	tils				0			
	DL-FL-BL-DB	xlrw	tilu				0		P	
	DL-FL-BL-DR	xlrv	tilv				0			
	DL-FL-BR-UL	xltd	tima				0			
	DL-FL-BR-UB	xlta	timb	jbuh sish ak	R U' S2 L' S L2 S L' U R'		10		0	
	DL-FL-BR-UR	xltb	timc				0			
	DL-FL-BR-DF	xltu	timd				0		F	
	DL-FL-BR-LU	xlte	time				0		A	
	DL-FL-BR-BU	xltn	timf				0			
	DL-FL-BR-RU	xltm	timg	axju kwku jwb	U F2 R S2 R' F' R' S2 R F' U'		11		P	
	DL-FL-BR-LB	xlth	timk				0			
	DL-FL-BR-BL	xltr	timl				0			
	DL-FL-BR-RF	xltp	timo				0		C	
	DL-FL-BR-BD	xlts	timr				0			
	DL-FL-BR-RD	xlto	timt				0			
	DL-FL-BR-DB	xltw	timu				0		C	
	DL-FL-BR-DR	xltv	timv				0		A	
	DL-FL-RB-UL	xlnb	tina				0		P	
	DL-FL-RB-UR	xlnb	tinc	lpkv tksj wjql	R2 E R' F S' R' S R F' R E' R2		12			
	DL-FL-RB-DF	xlnu	tind				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		
DL-FL-RB-LU	xln e		tine				0			
DL-FL-RB-BU	xln q		tin f				0			
DL-FL-RB-RU	xln m		ting				0		A	
DL-FL-RB-LB	xln h		tink				0		A	
DL-FL-RB-BL	xln r		tin l				0			
DL-FL-RB-RF	xln p		tino				0		P	
DL-FL-RB-FR	xln j		tin p				0			
DL-FL-RB-LD	xln g		tin q				0		F	
DL-FL-RB-DB	xln w		tin u				0		P	
DL-FL-RB-DR	xln v		tin v				0			
DL-FL-RF-UL	xlp d		tio a				0			
DL-FL-RF-UB	xlp a		tiob				0			
DL-FL-RF-UR	xlp b		tioc				0			
DL-FL-RF-DF	xlp u		ti od				0			
DL-FL-RF-LU	xlp e		tio e				0			
DL-FL-RF-BU	xlp q		tio f				0			
DL-FL-RF-FU	xlp i		tio h				0			
DL-FL-RF-LB	xlp h		ti ok				0			
DL-FL-RF-BL	xlp r		ti ol				0			
DL-FL-RF-BR	xlp t		ti om				0			
DL-FL-RF-RB	xlp n		tion				0			L
DL-FL-RF-BD	xlp s		tior				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		
DL-FL-RF-RD	xipo		tios					0		
DL-FL-RF-DB	xlpw		tiou					0		
DL-FL-RF-DR	xlpv		tiov					0		
DL-FL-FR-UL	xljd		tipa					0		
DL-FL-FR-DF	xlju		tipd					0		
DL-FL-FR-LU	xlje		tipe					0		F
DL-FL-FR-FU	xlji		tiph					0		
DL-FL-FR-LB	xljh		tipk					0		
DL-FL-FR-BR	xljt		tipm					0		
DL-FL-FR-RB	xljn		tipn					0		
DL-FL-FR-LD	xljg		tipq					0		O
DL-FL-FR-RD	xljo		tips					0		A
DL-FL-LD-LU	xlge		tiqe					0		
DL-FL-LD-BU	xlqq		tiqf					0		
DL-FL-LD-BL	xlgr		tiql					0		
DL-FL-BD-UL	xlsd		tira					0		P
DL-FL-BD-UB	xlsa		tirb					0		
DL-FL-BD-UR	xlsb		tirc					0		
DL-FL-BD-DF	xlsu		tird					0		
DL-FL-BD-BU	xlsq		tirf					0		
DL-FL-BD-FU	xlsi		tirh					0		P
DL-FL-BD-LB	xlsh		tirk					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
DL-FL-BD-BL	xlsr		tirl				0			
DL-FL-BD-BR	xlst		tirm				0			
DL-FL-BD-RB	xlsn		tirn				0			
DL-FL-BD-RF	xlsp		tiro				0			
DL-FL-BD-FR	xlsj		tirp				0			
DL-FL-BD-LD	xlsg		tirq				0			
DL-FL-BD-RD	xlso		tirs				0		F	
DL-FL-BD-DR	xlsv		tirv				0			
DL-FL-RD-UL	xlod		tisa				0			
DL-FL-RD-UB	xloa		tisb				0			
DL-FL-RD-UR	xlob		tisc				0			
DL-FL-RD-DF	xlou		tisd				0		F	
DL-FL-RD-LU	xloe		tise				0		A	
DL-FL-RD-RU	xлом		tisg				0			
DL-FL-RD-FU	xloi		tish				0		P	
DL-FL-RD-LB	xloh		tisk				0			
DL-FL-RD-BR	xlot		tism				0			
DL-FL-RD-FR	xloj		tisp				0			
DL-FL-RD-DB	xlow		tisu				0		O	
DL-FL-DB-UL	xlwd		tiua				0			
DL-FL-DB-UB	xlwa		tiub				0			
DL-FL-DB-LU	xlwe		tiue				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		
	DL-FL-DB-BU	xlwq	tiuf					0		
	DL-FL-DB-LB	xlwh	tiuk					0		
	DL-FL-DB-BL	xlwr	tiul					0		
	DL-FL-DB-BR	xlwt	tium					0		
	DL-FL-DB-RB	xlwn	tiun					0		
	DL-FL-DB-LD	xlwg	tiuq					0		
	DL-FL-DB-RD	xlwo	tius					0		
	DL-FL-DB-DR	xlwv	tiuv					0		
	DL-FL-DR-UL	xlvd	tiva					0		
	DL-FL-DR-UB	xlva	tivb					0		
	DL-FL-DR-UR	xlvb	tivc					0		
	DL-FL-DR-LU	xlve	tive					0		
	DL-FL-DR-BU	xlvq	tivf					0		A
	DL-FL-DR-RU	xlvm	tivg					0		
	DL-FL-DR-BL	xlvr	tivl					0		
	DL-FL-DR-BR	xlvt	tivm					0		
	DL-FL-DR-RB	xlvn	tivn					0		
	DL-FL-DR-RF	xlvp	tivo					0		
	DL-FL-DR-FR	xlvj	tivp					0		
	DL-FL-DR-BD	xlvs	tivr					0		
	DL-FL-DR-DB	xlvw	tivu					0		
	DL-LF-UL-UB	xfda	tjab					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-LF-UL-UR	xfdb	tjac				0			
	DL-LF-UL-BU	xfdq	tjaf				0			
	DL-LF-UL-RU	xfdm	tjag				0			
	DL-LF-UL-FU	xfdi	tjah				0			
	DL-LF-UL-LB	xfdh	tjak				0		C	
	DL-LF-UL-BL	xfdr	tjal				0			
	DL-LF-UL-BR	xfdt	tjam				0			
	DL-LF-UL-RB	xfdn	tjan				0			
	DL-LF-UL-RF	xfdp	tjao				0			
	DL-LF-UL-FR	xfdj	tjap				0			
	DL-LF-UL-BD	xfds	tjar				0			
	DL-LF-UL-RD	xfdo	tjas				0			
	DL-LF-UL-DR	xfdv	tjav				0			
	DL-LF-UB-UL	xfad	tjba	dtah bgsk vjeb	D S' U L' U' L S R' F R D' U'		12			
	DL-LF-UB-DF	xfau	tjbd				0			
	DL-LF-UB-LU	xfae	tjbe				0			
	DL-LF-UB-RU	xfam	tjbг				0			
	DL-LF-UB-FU	xfai	tjbh				0			
	DL-LF-UB-LB	xfah	tjbk				0			
	DL-LF-UB-BL	xfar	tjbl				0		O	
	DL-LF-UB-BR	xfat	tjbm				0			
	DL-LF-UB-RB	xfan	tjbn				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-LF-UB-RF	xfap	tjbo				0			
	DL-LF-UB-FR	xfaj	tjbp				0			
	DL-LF-UB-BD	xfas	tjbr				0			
	DL-LF-UB-RD	xfao	tjbs				0			
	DL-LF-UR-UL	xfbd	tjca	kvgw pwqc hwj	R' F L F' E F' E' F2 L' F' R		11			
	DL-LF-UR-UB	xfba	tjcb				0			
	DL-LF-UR-DF	xfbu	tjcd				0			
	DL-LF-UR-BU	xfbq	tjcf				0			
	DL-LF-UR-FU	xfbi	tjch				0			
	DL-LF-UR-LB	xfbh	tjck				0			
	DL-LF-UR-BL	xfbr	tjcl				0			
	DL-LF-UR-BR	xfbt	tjcm				0			
	DL-LF-UR-RB	xfbn	tjcn				0			
	DL-LF-UR-RF	xfbp	tjco				0		O	
	DL-LF-UR-FR	xfbj	tjcp				0		P	
	DL-LF-UR-BD	xfbs	tjcr				0			
	DL-LF-UR-RD	xfbo	tjcs				0			
	DL-LF-UR-DB	xfbw	tjcu				0			
	DL-LF-UR-DR	xfbv	tjcv				0			
	DL-LF-DF-UL	xfud	tjda				0			
	DL-LF-DF-UB	xfua	tjdb				0			
	DL-LF-DF-UR	xfub	tjdc				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
DL-LF-DF-LU	xfue		tjde					0		
DL-LF-DF-BU	xfuq		tjdf					0		
DL-LF-DF-LB	xfuh		tjdk					0		
DL-LF-DF-BL	xfur		tjdl					0		
DL-LF-DF-BR	xfut		tjdm					0		
DL-LF-DF-RB	xfun		tjdn					0		
DL-LF-DF-BD	xfus		tjdr					0		
DL-LF-DF-DR	xfuv		tjdv					0		
DL-LF-LU-UB	xfea		tjeb					0		
DL-LF-LU-UR	xfeb		tjec					0		
DL-LF-LU-BU	xeq		tjef					0		
DL-LF-LU-RU	xfem		tjeg					0		
DL-LF-LU-FU	xei		tjeh					0		
DL-LF-LU-LB	xeih		tjek					0		
DL-LF-LU-BL	xfer		tjel					0		
DL-LF-LU-BR	xfet		tjem					0		
DL-LF-LU-RB	xfen		tjen					0		
DL-LF-LU-RF	xfep		tjeo					0		
DL-LF-LU-FR	xej		tjep					0		
DL-LF-LU-BD	xfes		tjer					0		
DL-LF-LU-RD	xeo		tjes					0		
DL-LF-LU-DB	xfew		tjeu					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		
DL-LF-LU-DR	xfev		tjev					0		
DL-LF-BU-UL	xfqd		tjfa					0		
DL-LF-BU-DF	xfqu		tjfd					0		
DL-LF-BU-LU	xfqe		tjfe					0		
DL-LF-BU-FU	xfqi		tjfh					0		
DL-LF-BU-LB	xfqh		tjfk					0		A
DL-LF-BU-BL	xfqr		tjfl					0		
DL-LF-BU-BR	xfqt		tjfm					0		O
DL-LF-BU-RB	xfqn		tjfn					0		
DL-LF-BU-FR	xfqj		tjfp					0		
DL-LF-BU-BD	xfqs		tjfr					0		
DL-LF-BU-RD	xfqo		tjfs					0		
DL-LF-BU-DB	xfqw		tjfu					0		
DL-LF-BU-DR	xfqv		tjfv					0		
DL-LF-RU-UL	xfmd		tjga					0		
DL-LF-RU-UB	xfma		tjgb					0		
DL-LF-RU-BU	xfmq		tjgf					0		
DL-LF-RU-FU	xfmi		tjgh					0		
DL-LF-RU-BL	xfmr		tjgl					0		
DL-LF-RU-RB	xfmn		tjgn					0		
DL-LF-RU-RF	xfmp		tjgo					0		
DL-LF-RU-FR	xfmj		tjgp					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		
DL-LF-RU-RD	xfmo		tjgs					0		
DL-LF-RU-DB	xfmw		tjgu					0		
DL-LF-FU-UL	xfid		tjha					0		
DL-LF-FU-UR	xfib		tjhc					0		
DL-LF-FU-LU	xfie		tjhe					0		
DL-LF-FU-BU	xfiq		tjhf					0		
DL-LF-FU-RU	xfim		tjhg					0		
DL-LF-FU-LB	xfih		tjhk					0		
DL-LF-FU-RB	xfin		tjhn					0		
DL-LF-FU-DB	xfiw		tjhu					0		
DL-LF-FU-DR	xfiv		tjhv					0		
DL-LF-LB-UL	xfhd		tjka					0		
DL-LF-LB-UB	xfha		tjkb					0		
DL-LF-LB-UR	xfhb		tjkc					0		
DL-LF-LB-DF	xfhu		tjkd					0		
DL-LF-LB-LU	xfhe		tjke					0		
DL-LF-LB-BU	xfhq		tjkf					0		
DL-LF-LB-RU	xfhm		tjkg					0		
DL-LF-LB-BR	xfht		tjkm					0		
DL-LF-LB-RB	xfhn		tjkn					0		
DL-LF-LB-RF	xfhp		tjko					0		
DL-LF-LB-FR	xfhj		tjkp					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-LF-LB-BD	xfhs	tjkr				0			
	DL-LF-LB-RD	xfho	tjks				0			
	DL-LF-LB-DB	xfhw	tjku				0			
	DL-LF-LB-DR	xfhv	tjkv	tkrw qxqw js	S' R' E2 F' E' F2 E' F' R S		10			
	DL-LF-BL-UL	xfrd	tjla				0			
	DL-LF-BL-UB	xfra	tjlb				0			
	DL-LF-BL-BU	xfrq	tjlf				0			
	DL-LF-BL-BR	xfrt	tjlm				0			
	DL-LF-BL-RD	xfro	tjls				0			
	DL-LF-BR-UL	xtfd	tjma				0			
	DL-LF-BR-UB	xfta	tjmb				0			
	DL-LF-BR-UR	xftb	tjmc				0			
	DL-LF-BR-DF	xftu	tjmd				0			
	DL-LF-BR-LU	xfte	tjme				0			
	DL-LF-BR-BU	xftq	tjmf				0			
	DL-LF-BR-RU	xftm	tjmg				0			
	DL-LF-BR-FU	xfti	tjmh				0			
	DL-LF-BR-LB	xfth	tjmk				0			0
	DL-LF-BR-RF	xftp	tjmo				0			
	DL-LF-BR-RD	xfto	tjms				0			
	DL-LF-BR-DB	xftw	tjmu				0			
	DL-LF-BR-DR	xftv	tjmv	xewb kejd jaw	F2 D' F' U' R' D' R D R U F'		11			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
DL-LF-RB-UR	xfnb		tjnc					0		
DL-LF-RB-DF	xfnu		tjnd					0		
DL-LF-RB-LU	xfne		tjne					0		
DL-LF-RB-BU	xfnq		tjnf					0		
DL-LF-RB-RU	xfnm		tjng					0		
DL-LF-RB-FR	xfnj		tjnp					0		
DL-LF-RB-BD	xfns		tjnr					0		
DL-LF-RB-RD	xfno		tjns					0		
DL-LF-RB-DB	xfnw		tjnu					0		
DL-LF-RB-DR	xfnv		tjnv					0		
DL-LF-RF-UL	xfpd		tjoa					0		
DL-LF-RF-UB	xfpa		tjob					0		
DL-LF-RF-UR	xfpb		tjoc					0		
DL-LF-RF-DF	xfpu		tjod					0		A
DL-LF-RF-LU	xfpe		tjoe					0		
DL-LF-RF-BU	xfpq		tjof					0		O
DL-LF-RF-RU	xfpm		tjog					0		
DL-LF-RF-FU	xfpi		tjoh					0		
DL-LF-RF-BR	xfpt		tjom					0		
DL-LF-RF-BD	xfps		tjor					0		O
DL-LF-RF-RD	xfpo		tjos					0		
DL-LF-RF-DB	xfpw		tjou					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		
	DL-LF-FR-UL	xfjd	tjpa					0		
	DL-LF-FR-UR	xfjb	tjpc					0		
	DL-LF-FR-DF	xfju	tjpd					0		
	DL-LF-FR-LU	xfje	tjpe					0	0	
	DL-LF-FR-RU	xfjm	tjpg					0		
	DL-LF-FR-LB	xfjh	tjpk					0		
	DL-LF-FR-BD	xfjs	tjpr					0		
	DL-LF-FR-RD	xfjo	tjps					0		
	DL-LF-LD-RF	xfgp	tjqo					0		
	DL-LF-BD-UL	xfsd	tjra					0		
	DL-LF-BD-UB	xfsa	tjrb					0		
	DL-LF-BD-UR	xfsb	tjrc					0		
	DL-LF-BD-DF	xfsu	tjrd					0		
	DL-LF-BD-LU	xfse	tjre					0		
	DL-LF-BD-BU	xfsq	tjrf					0		A
	DL-LF-BD-RU	xfsm	tjrg					0		
	DL-LF-BD-LB	xfsh	tjrk					0		
	DL-LF-BD-BL	xfsr	tjrl					0		
	DL-LF-BD-BR	xfst	tjrm					0		
	DL-LF-BD-RF	xfsp	tjro					0		
	DL-LF-BD-FR	xfsj	tjrp					0		
	DL-LF-BD-LD	xfsq	tjrq					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-LF-BD-RD	xfso	tjrs				0			
	DL-LF-BD-DR	xfsv	tjrv				0			
	DL-LF-RD-UL	xfod	tjsa				0			
	DL-LF-RD-UB	xfoa	tjsb				0		C	
	DL-LF-RD-UR	xfob	tjsc				0			
	DL-LF-RD-DF	xfou	tjsd				0			
	DL-LF-RD-LU	xfoe	tjse				0		A	
	DL-LF-RD-BU	xfoq	tjsf				0			
	DL-LF-RD-RU	xfom	tjsg				0			
	DL-LF-RD-LB	xfoh	tjsk				0			
	DL-LF-RD-BL	xfor	tjsl				0			
	DL-LF-RD-BR	xfot	tjsm				0			
	DL-LF-RD-RB	xfon	tjsn	qsah btdx pwe	E' S U L' U' S' D F2 E F' D'		11			
	DL-LF-RD-FR	xfoj	tjsp				0			
	DL-LF-DB-UL	xfwd	tjua				0			
	DL-LF-DB-UB	xfwa	tjub				0			
	DL-LF-DB-LU	xfwe	tjue				0			
	DL-LF-DB-BU	xfwq	tjuf				0			
	DL-LF-DB-RU	xfwm	tjug				0			
	DL-LF-DB-FU	xfwi	tjuh				0			
	DL-LF-DB-LB	xfwh	tjuk				0			
	DL-LF-DB-BL	xfwr	tjul				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		
DL-LF-DB-BR	xfwt		tjum					0		
DL-LF-DB-RB	xfwn		tjun					0		
DL-LF-DB-RF	xfwp		tjuo					0		
DL-LF-DB-FR	xfwj		tjup					0		
DL-LF-DB-RD	xfwo		tjus					0		
DL-LF-DB-DR	xfwv		tjuv					0		
DL-LF-DR-UL	xfvd		tjva					0		
DL-LF-DR-UB	xfva		tjvb					0		
DL-LF-DR-UR	xfvb		tjvc					0		
DL-LF-DR-DF	xfvu		tjvd					0		
DL-LF-DR-LU	xfve		tjve					0		
DL-LF-DR-BU	xfvq		tjvf					0		
DL-LF-DR-RU	xfvm		tjvg					0		
DL-LF-DR-FU	xfvi		tjvh					0		
DL-LF-DR-BR	xfvt		tjvm					0		
DL-LF-DR-RB	xfvn		tjvn					0		0
DL-LF-DR-RF	xfvp		tjvo					0		
DL-LF-DR-FR	xfvj		tjvp					0		
DL-LF-DR-BD	xfvs		tjvr					0		0
DL-LF-DR-DB	xfvw		tjvu					0		
DL-LB-UL-UB	xhda		tkab					0		
DL-LB-UL-UR	xhdb		tkac					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-LB-UL-LU	xhde	tkae	dhvp xrvg wpve	D L' F E F2 E2 F L F' E F D'		12			
	DL-LB-UL-BU	xhdq	tkaf				0			
	DL-LB-UL-RU	xhdm	tkag				0			
	DL-LB-UL-FL	xhdl	tkai				0			
	DL-LB-UL-LF	xhdf	tkaj				0		A	
	DL-LB-UL-BR	xhdt	tkam				0			
	DL-LB-UL-RB	xhdn	tkan				0			
	DL-LB-UL-RF	xhdp	tkao				0			
	DL-LB-UL-FR	xhdj	tkap				0			
	DL-LB-UL-BD	xhds	tkar				0		A	
	DL-LB-UL-RD	xhdo	tkas				0			
	DL-LB-UL-DB	xhdw	tkau				0			
	DL-LB-UL-DR	xhdv	tkav				0			
	DL-LB-UB-UL	xhad	tkba	bvqt qjqt kqwa	U' F E' S' E' R E' S' R' E' F' U		12		A	
	DL-LB-UB-UR	xhab	tkbc				0			
	DL-LB-UB-DF	xhau	tkbd				0			
	DL-LB-UB-LU	xhae	tkbe				0			
	DL-LB-UB-BU	xhaq	tkbf				0			
	DL-LB-UB-RU	xham	tkbg				0		A	
	DL-LB-UB-FU	xhai	tkbh				0			
	DL-LB-UB-FL	xhal	tkbi				0			
	DL-LB-UB-LF	xhaf	tkbj				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
	DL-LB-UB-RF	xhap	tkbo				0			
	DL-LB-UB-FR	xhaj	tkbp				0			
	DL-LB-UB-BD	xhas	tkbr				0		L	
	DL-LB-UB-RD	xhao	tkbs				0		A	
	DL-LB-UR-UL	xhbd	tkca	lsvh tqgp wl	R2 f L' S' E' L E F' R2		10			
	DL-LB-UR-LU	xhbe	tkce				0			
	DL-LB-UR-BU	xhbq	tkcf				0			
	DL-LB-UR-FL	xhbl	tkci				0			
	DL-LB-UR-LF	xhbf	tkcj				0			
	DL-LB-UR-BR	xhbt	tkcm				0		O	
	DL-LB-UR-RB	xhbn	tkcn				0			
	DL-LB-UR-RF	xhbp	tkco				0		F	
	DL-LB-UR-FR	xhbj	tkcp				0			
	DL-LB-UR-BD	xhbs	tkcr				0		A	
	DL-LB-UR-RD	xhbo	tkcs				0			
	DL-LB-UR-DR	xhbv	tkcv				0			
	DL-LB-DF-UL	xhud	tkda				0			
	DL-LB-DF-UB	xhua	tkdb				0			
	DL-LB-DF-BU	xhuq	tkdf				0			
	DL-LB-DF-FL	xhul	tkdi				0			
	DL-LB-DF-RF	xhup	tkdo				0			
	DL-LB-DF-FR	xhuj	tkdp				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		
DL-LB-DF-RD	xhuo		tkds				0			
DL-LB-DF-DR	xhuv		tkdv				0			A
DL-LB-LU-UB	xhea		tkeb				0			A
DL-LB-LU-UR	xheb		tkec				0			
DL-LB-LU-DF	xheu		tked				0			
DL-LB-LU-BU	xheq		tkef				0			
DL-LB-LU-RU	xhem		tkeg				0			
DL-LB-LU-FL	xhel		tkei				0			
DL-LB-LU-LF	xhef		tkej				0			O
DL-LB-LU-BR	xhet		tkem				0			A
DL-LB-LU-RB	xhen		tken				0			
DL-LB-LU-BD	xhes		tker				0			A
DL-LB-LU-RD	xheo		tkes				0			
DL-LB-LU-DR	xhev		tkev				0			
DL-LB-BU-UR	xhqb		tkfc				0			O
DL-LB-BU-DF	xhqu		tkfd				0			
DL-LB-BU-LU	xhqe		tkfe				0			
DL-LB-BU-RU	xhqm		tkfg				0			O
DL-LB-BU-LF	xhqf		tkfj				0			
DL-LB-BU-RB	xhqn		tkfn				0			
DL-LB-BU-RF	xhqp		tkfo				0			A
DL-LB-BU-FR	xhqj		tkfp				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		
	DL-LB-BU-RD	xhqo	tkfs				0			A
	DL-LB-BU-DB	xhqw	tkfu				0			
	DL-LB-BU-DR	xhqv	tkfv				0			A
	DL-LB-RU-UL	xhmd	tkga				0			
	DL-LB-RU-UB	xhma	tkgb				0			
	DL-LB-RU-DF	xhmu	tkgd				0			F
	DL-LB-RU-LU	xhme	tkge				0			
	DL-LB-RU-FU	xhmi	tkgh				0			A
	DL-LB-RU-FL	xhml	tkgi				0			
	DL-LB-RU-LF	xhmf	tkgj				0			
	DL-LB-RU-BR	xhmtn	tkgm	wkrt jsqk qjv	F' R' E2 S' R S E' R' E' R F		11			
	DL-LB-RU-RB	xhmn	tkgn				0			A
	DL-LB-RU-RD	xhmo	tkgs				0			
	DL-LB-RU-DB	xhmw	tkgu				0			
	DL-LB-RU-DR	xhmv	tkgv				0			
	DL-LB-FU-UL	xhid	tkha				0			
	DL-LB-FU-LU	xhie	tkhe				0			
	DL-LB-FU-BU	xhiq	tkhf				0			A
	DL-LB-FU-RU	xhim	tkhg				0			
	DL-LB-FU-LF	xhif	tkhj				0			
	DL-LB-FU-BR	xhit	tkhm				0			
	DL-LB-FU-FR	xhij	tkhp				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-LB-FU-DB	xhiw	tkhu				0		A	
	DL-LB-FL-UL	xhld	tkia				0		O	
	DL-LB-FL-UB	xhla	tkib				0		A	
	DL-LB-FL-UR	xhlb	tkic				0		A	
	DL-LB-FL-DF	xhlu	tkid				0		O	
	DL-LB-FL-LU	xhle	tkie				0		O	
	DL-LB-FL-RU	xhlm	tkig				0		O	
	DL-LB-FL-RB	xhln	tkin				0		O	
	DL-LB-FL-FR	xhlj	tkip				0		O	
	DL-LB-FL-LD	xhlg	tkiq				0		O	
	DL-LB-FL-RD	xhlo	tkis				0		O	
	DL-LB-FL-DR	xhlv	tkiv				0		O	
	DL-LB-LF-UR	xhfb	tkjc				0		O	
	DL-LB-LF-DF	xhfu	tkjd				0		O	
	DL-LB-LF-BU	xhfq	tkjf				0		O	
	DL-LB-LF-RU	xhfm	tkjg	asbj rkbk rjta	U S U' R E2 R' U' R' E2 R S' U		12		O	
	DL-LB-LF-BL	xhfr	tkjl				0		O	
	DL-LB-LF-BR	xhft	tkjm				0		O	
	DL-LB-LF-RB	xhfn	tkjn				0		O	
	DL-LB-LF-RF	xhfp	tkjo				0		O	
	DL-LB-LF-BD	xhfs	tkjr				0		O	
	DL-LB-LF-DB	xhfw	tkju				0		O	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		P
	DL-LB-BL-UL	xhrd	tkla				0			
	DL-LB-BL-UR	xhrb	tklc				0			A
	DL-LB-BL-LF	xhrf	tklj				0			
	DL-LB-BL-RF	xhrp	tklo				0			F
	DL-LB-BL-RD	xhro	tkls				0			A
	DL-LB-BR-UL	xhtd	tkma				0			
	DL-LB-BR-UR	xhtb	tkmc	whpg qhtg sv	F' L' E L E' L' S' L f		10			A
	DL-LB-BR-DF	xhtu	tkmd				0			
	DL-LB-BR-LU	xhte	tkme				0			A
	DL-LB-BR-BU	xhtq	tkmf				0			
	DL-LB-BR-RU	xhtm	tkmg				0			A
	DL-LB-BR-FU	xhti	tkmh				0			
	DL-LB-BR-FL	xhtl	tkmi				0			L
	DL-LB-BR-LF	xhtf	tkmj				0			F
	DL-LB-BR-RF	xhtp	tkmo				0			A
	DL-LB-BR-FR	xhtj	tkmp				0			A
	DL-LB-BR-BD	xhts	tkmr				0			
	DL-LB-BR-RD	xhto	tkms				0			
	DL-LB-BR-DB	xhtw	tkmu				0			
	DL-LB-BR-DR	xhtv	tkmv				0			A
	DL-LB-RB-UL	xhnd	tkna				0			A
	DL-LB-RB-UB	xhna	tknb				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		
DL-LB-RB-UR	xhnb		tknc					0		
DL-LB-RB-DF	xhnu		tknd					0		
DL-LB-RB-LU	xhne		tkne					0		
DL-LB-RB-BU	xhnq		tknf					0		
DL-LB-RB-RU	xhnm		tkng					0		
DL-LB-RB-RD	xhno		tkns					0		O
DL-LB-RB-DB	xhnw		tknu					0		A
DL-LB-RF-UL	xhp <sub>d</sub>		tkoa					0		
DL-LB-RF-UB	xhpa		tkob					0		
DL-LB-RF-DF	xhpu		tkod					0		
DL-LB-RF-BU	xhpq		tkof					0		
DL-LB-RF-RU	xhpm		tkog					0		
DL-LB-RF-FL	xhpl		tkoi					0		
DL-LB-RF-LF	xhpf		tkoj					0		
DL-LB-RF-BR	xhpt		tkom					0		
DL-LB-RF-RB	xhpn		tkon					0		A
DL-LB-RF-BD	xhps		tkor					0		L
DL-LB-RF-RD	xhpo		tkos					0		A
DL-LB-RF-DB	xhpw		tkou					0		
DL-LB-RF-DR	xhpv		tkov					0		A
DL-LB-FR-UR	xhjb		tkpc					0		A
DL-LB-FR-BU	xhjq		tkpf					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
	DL-LB-FR-RU	xhjm	tkpg	jwqk qtjs rvk	R F' E' R' E' S' R S E2 F R'		11			
	DL-LB-FR-FU	xhji	tkph				0			
	DL-LB-FR-FL	xhjl	tkpi				0			
	DL-LB-FR-LF	xhjf	tkpj				0			
	DL-LB-FR-BR	xhjt	tkpm				0			
	DL-LB-FR-RB	xhjn	tkpn				0			
	DL-LB-FR-BD	xhjs	tkpr	xfhe tdsg fx	F2 D2 L' D' S' D S L D2 F2		10		A	
	DL-LB-FR-RD	xhjo	tkps				0		A	
	DL-LB-FR-DB	xhjw	tkpu				0			
	DL-LB-FR-DR	xhjv	tkpv				0			
	DL-LB-LD-UR	xhgb	tkqc				0			
	DL-LB-LD-FU	xhgi	tkqh				0		A	
	DL-LB-BD-UL	xhsd	tkra				0			
	DL-LB-BD-UB	xhsa	tkrb				0			
	DL-LB-BD-UR	xhsb	tkrc				0			
	DL-LB-BD-DF	xhsu	tkrd				0		O	
	DL-LB-BD-LU	xhse	tkre				0		A	
	DL-LB-BD-RU	xhsm	tkrg				0			
	DL-LB-BD-FU	xhsi	tkrh				0			
	DL-LB-BD-FL	xhsl	tkri				0		O	
	DL-LB-BD-LF	xhsf	tkrj				0			
	DL-LB-BD-BR	xhst	tkrm				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		
DL-LB-BD-RB	xhsn		tkrn					0		
DL-LB-BD-FR	xhsj		tkrp					0		
DL-LB-BD-RD	xhso		tkrs					0		A
DL-LB-BD-DR	xhsv		tkrv					0		
DL-LB-RD-UB	xhoa		tksb					0		
DL-LB-RD-UR	xhob		tksc					0		
DL-LB-RD-DF	xhou		tksd					0		
DL-LB-RD-RU	xhom		tksg					0		
DL-LB-RD-FU	xhoi		tksh					0		O
DL-LB-RD-LF	xhof		tksj					0		
DL-LB-RD-RB	xhon		tksn					0		
DL-LB-RD-FR	xhoj		tksp					0		
DL-LB-RD-BD	xhos		tksr					0		
DL-LB-DB-UL	xhwd		tkua					0		
DL-LB-DB-UB	xhwa		tkub					0		
DL-LB-DB-DF	xhwu		tkud					0		
DL-LB-DB-LU	xhwe		tkue					0		
DL-LB-DB-BU	xhwq		tkuf					0		
DL-LB-DB-FL	xhwl		tkui					0		
DL-LB-DB-LF	xhwf		tkuj					0		
DL-LB-DB-BR	xhwf		tkum					0		
DL-LB-DB-RB	xhwn		tkun					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
	DL-LB-DB-RF	xhwp	tkuo				0			
	DL-LB-DB-FR	xhwj	tkup				0			
	DL-LB-DB-RD	xhwo	tkus				0			A
	DL-LB-DR-UL	xhvdi	tkva	svht qgpw	f L' S' E' L E F'		8			
	DL-LB-DR-UB	xhvai	tkvb				0			
	DL-LB-DR-UR	xhvbi	tkvc				0			
	DL-LB-DR-DF	xhvui	tkvd				0			
	DL-LB-DR-LU	xhvei	tkve				0			
	DL-LB-DR-BU	xhvqi	tkvf				0			
	DL-LB-DR-LF	xhvfi	tkvj				0			0
	DL-LB-DR-BR	xhvti	tkvm				0			
	DL-LB-DR-RB	xhvni	tkvn				0			A
	DL-LB-DR-RF	xhvpi	tkvo	bphp sgr sa	u' L' E S L E2 S U		9			
	DL-LB-DR-FR	xhvji	tkvp				0			
	DL-LB-DR-LD	xhvgi	tkvq				0			0
	DL-LB-DR-BD	xhvsi	tkvr				0			
	DL-LB-DR-DB	xhvwi	tkvu	tevp kpjr wds	S' D' F E R' E R E2 F' D S		11			
	DL-BL-UL-UB	xrda	tlab				0			0
	DL-BL-UL-UR	xrdib	tlac				0			
	DL-BL-UL-DF	xrdub	tlad				0			
	DL-BL-UL-BU	xrdq	tlaf				0			
	DL-BL-UL-RU	xrdm	tlag				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-BL-UL-FU	xrdi	tlah				0			
	DL-BL-UL-FL	xrdl	tlai				0			
	DL-BL-UL-LF	xrdf	tlaj				0		A	
	DL-BL-UL-LB	xrdh	tlak				0		A	
	DL-BL-UL-BR	xrdt	tlam				0			
	DL-BL-UL-RB	xrdn	tlan				0			
	DL-BL-UL-RF	xrdp	tlao				0			
	DL-BL-UL-FR	xrdj	tlap				0			
	DL-BL-UL-BD	xrds	tlar				0			
	DL-BL-UL-RD	xrdo	tlas				0			
	DL-BL-UL-DB	xrdw	tlau				0			
	DL-BL-UL-DR	xrdv	tlav				0			
	DL-BL-UB-UL	xrad	tlba	hagu hubh sit	L' U L S2 L' S2 U' L' S L2 S'		11		A	
	DL-BL-UB-UR	xrab	tlbc				0		L	
	DL-BL-UB-DF	xrau	tlbd				0			
	DL-BL-UB-LU	xrae	tlbe				0			
	DL-BL-UB-RU	xram	tlbg				0		A	
	DL-BL-UB-FU	xrai	tlbh				0			
	DL-BL-UB-FL	xral	tlbi	buhu gsit la	U' S2 L' S2 L S R2 S' R2 U		10			
	DL-BL-UB-LF	xraf	tlbj				0			
	DL-BL-UB-BR	xrat	tlbm				0			
	DL-BL-UB-RB	xran	tlbn				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-BL-UB-RF	xrap	tlbo				0			
	DL-BL-UB-FR	xraj	tlbp				0			
	DL-BL-UB-BD	xras	tlbr				0			
	DL-BL-UB-RD	xrao	tlbs	btht hsgs ga	U' S' L' S' L' S L S L U		10		L	
	DL-BL-UB-DB	xraw	tlbu				0			
	DL-BL-UB-DR	xrav	tlbv				0			
	DL-BL-UR-UL	xrbd	tlca	s fsm vkrj wnf	S D2 S M F R' E2 R F' M' D2		11		O	
	DL-BL-UR-UB	xrba	tlcb	I bug sisg al	R2 U' S2 L S L2 S L U R2		10			
	DL-BL-UR-DF	xrbu	tlcd				0			
	DL-BL-UR-LU	xrbe	tice	s htg ubhs gas	S L' S' L S2 U' L' S L U S		11			
	DL-BL-UR-BU	xrbq	tlcf	I tgc tasa hsl	R2 S' L U2 S' U S U L' S R2		11			
	DL-BL-UR-FL	xrbl	tlci	q vqj ptks wp	E' F E' R E S' R' S F' E		10			
	DL-BL-UR-LF	xrbf	tlcj	f kqj w jpk vf	D2 R' E' R F' R E R' F D2		10			
	DL-BL-UR-BR	xrbt	tlcm	I bjt qkps al	R2 U' R S' E' R' E S U R2		10		O	
	DL-BL-UR-RB	xrbn	tlcn	x agv qwhw pbvx	F2 U L F E' F' L' F' E F U' F2		12			
	DL-BL-UR-RF	xrbp	tlco	f xkq j vjp kf	D2 F2 R' E' R F R E R' F D2		11			
	DL-BL-UR-FR	xrbj	tlcp	I bjq I tjs alp	R2 U' R E' R2 S' R S U R2 E		11			
	DL-BL-UR-BD	xrbs	tlcr				0		O	
	DL-BL-UR-RD	xrbo	tlcs				0		O	
	DL-BL-UR-DB	xrbw	tlcu				0		A	
	DL-BL-UR-DR	xrbv	tlcv				0		O	
	DL-BL-DF-UB	xrua	tldb				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		
DL-BL-DF-UR	xrub		tldc					0		
DL-BL-DF-LU	xrue		tlde					0		
DL-BL-DF-BU	xruq		tldf					0		F
DL-BL-DF-RU	xrum		tldg					0		
DL-BL-DF-FL	xrul		tlid					0		
DL-BL-DF-LF	xruf		tldj					0		
DL-BL-DF-BR	xrut		tldm					0		O
DL-BL-DF-RB	xrun		tldn					0		A
DL-BL-DF-RF	xrup		tldo					0		
DL-BL-DF-FR	xruj		tldp					0		
DL-BL-DF-BD	xrus		tlqr					0		L
DL-BL-DF-RD	xruo		tlrs					0		O
DL-BL-DF-DB	xruw		tlru					0		
DL-BL-DF-DR	xruv		tlsv					0		
DL-BL-LU-UB	xrea		tleb					0		
DL-BL-LU-UR	xreb		tele					0		A
DL-BL-LU-DF	xreu		tled					0		
DL-BL-LU-BU	xreq		tlef					0		O
DL-BL-LU-RU	xrem		tleg					0		
DL-BL-LU-FU	xrei		tehi					0		
DL-BL-LU-FL	xrel		tehi					0		
DL-BL-LU-LF	xref		teij					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		
DL-BL-LU-BR	xret		tlem					0		
DL-BL-LU-RB	xren		tlen					0		
DL-BL-LU-FR	xrej		tlep					0		
DL-BL-LU-BD	xres		tler					0		P
DL-BL-LU-DB	xrew		tleu					0		
DL-BL-LU-DR	xrev		tlev					0		
DL-BL-BU-UL	xrqd		tlfa					0		A
DL-BL-BU-DF	xrqu		tlfd					0		
DL-BL-BU-LU	xrqe		tlfe					0		
DL-BL-BU-FL	xrql		tlfi					0		
DL-BL-BU-LF	xrqf		tlfj					0		
DL-BL-BU-BR	xrqt		tlfm					0		O
DL-BL-BU-RB	xrqn		tlfn					0		O
DL-BL-BU-BD	xrqs		tlfr					0		A
DL-BL-BU-RD	xrqi		tlfs					0		A
DL-BL-RU-UL	xrmid		tlga					0		A
DL-BL-RU-UB	xrma		tlgb					0		
DL-BL-RU-DF	xrmu		tlgd					0		A
DL-BL-RU-LU	xrme		tlge					0		O
DL-BL-RU-BU	xrmq		tlgf					0		O
DL-BL-RU-FU	xrmi		tlgh					0		
DL-BL-RU-FL	xrml		tlgi					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-BL-RU-LF	xrmf	tlgj				0			
	DL-BL-RU-BR	xrmt	tlgm	tbvl qjpj was	S' U' F R2 E' R E R F' U S		11			
	DL-BL-RU-RB	xrmn	tlgn				0		0	
	DL-BL-RU-RF	xrmp	tlgo				0			
	DL-BL-RU-LD	xrmg	tlgq				0			
	DL-BL-RU-BD	xrms	tlgr				0		P	
	DL-BL-RU-RD	xrmo	tlgs				0			
	DL-BL-RU-DB	xrmw	tlgu				0		L	
	DL-BL-RU-DR	xrmv	tlgv				0			
	DL-BL-FU-UL	xrid	tlha				0			
	DL-BL-FU-UB	xria	tlhb				0		O	
	DL-BL-FU-UR	xrib	tlhc				0		A	
	DL-BL-FU-LU	xrie	tlhe				0			
	DL-BL-FU-BR	xrit	tlhm				0		A	
	DL-BL-FU-BD	xris	tlhr				0			
	DL-BL-FU-DB	xriw	tlhu				0			
	DL-BL-FU-DR	xriv	tlhv				0			
	DL-BL-FL-UL	xrid	tlia	rjub scsb kr	E2 R S2 U' S U2 S U' R' E2		10			
	DL-BL-FL-UB	xrla	tlib				0			
	DL-BL-FL-DF	xrlu	tlid				0			
	DL-BL-FL-LU	xrls	tlie				0			
	DL-BL-FL-BU	xrlq	tlif				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-BL-FL-RU	xrlm	tlig				0			
	DL-BL-FL-BR	xrlt	tlim				0			
	DL-BL-FL-RB	xrln	tlin				0			A
	DL-BL-FL-FR	xrlj	tlip				0			
	DL-BL-FL-RD	xrlø	tlis				0			
	DL-BL-FL-DB	xrlw	tliu				0			
	DL-BL-FL-DR	xrlv	tliv				0			
	DL-BL-LF-UL	xrfd	tlja				0			P
	DL-BL-LF-UB	xrfa	tljb				0			A
	DL-BL-LF-UR	xrbf	tljc				0			
	DL-BL-LF-DF	xrfu	tljd				0			
	DL-BL-LF-LU	xrfe	tlje				0			
	DL-BL-LF-BU	xrfq	tljf				0			A
	DL-BL-LF-FU	xrfi	tljh				0			
	DL-BL-LF-FR	xrfj	tljp				0			
	DL-BL-LF-DB	xrfw	tlju	nema gths bndm	M' D' M U L S' L' S U' M' D M		12			
	DL-BL-LF-DR	xrfv	tljv				0			
	DL-BL-LB-UL	xrhd	tlka				0			O
	DL-BL-BR-UL	xrtd	tlma				0			
	DL-BL-BR-UB	xrta	tlmb				0			
	DL-BL-BR-UR	xrtb	tlmc				0			
	DL-BL-BR-LU	xrte	tlme				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		
DL-BL-BR-BU	xrtq		tlmf					0		
DL-BL-BR-RU	xrtm		tlmg					0		
DL-BL-BR-FL	xrtl		tlmi					0		
DL-BL-BR-LF	xrtf		tlmj					0		
DL-BL-BR-RF	xrtp		tlmo					0		
DL-BL-BR-FR	xrtj		tlmp					0		
DL-BL-BR-BD	xrts		tlmr					0		
DL-BL-BR-DB	xrtw		tlmu					0		
DL-BL-BR-DR	xrtv		tlmv					0		
DL-BL-RB-UL	xrnd		tina					0		L
DL-BL-RB-UB	xrna		tlnb					0		
DL-BL-RB-UR	xrnbd		tinc					0		A
DL-BL-RB-LU	xrne		tine					0		
DL-BL-RB-RU	xrnmd		ting					0		
DL-BL-RB-FL	xrnld		tini					0		
DL-BL-RB-LF	xrnfd		tinj					0		O
DL-BL-RB-RF	xrnpd		tinoo					0		O
DL-BL-RB-FR	xrnjd		tinp					0		
DL-BL-RB-RD	xrnod		tlins					0		F
DL-BL-RB-DR	xrnvd		tlinv					0		
DL-BL-RF-UL	xrpdi		tloa					0		
DL-BL-RF-UB	xrpai		tllob					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		
	DL-BL-RF-UR	xrpb	tloc					0		
	DL-BL-RF-DF	xrpu	tlod					0		A
	DL-BL-RF-LU	xrpe	tloe					0		
	DL-BL-RF-RU	xrpm	tlog					0		O
	DL-BL-RF-FU	xrpi	tloh					0		
	DL-BL-RF-FL	xrpl	tloi					0		
	DL-BL-RF-LF	xrpf	tloj					0		
	DL-BL-RF-BR	xrpt	tlom					0		
	DL-BL-RF-RB	xrpn	tlon					0		
	DL-BL-RF-BD	xrps	tlor					0		
	DL-BL-RF-RD	xrpo	tlos					0		O
	DL-BL-RF-DB	xrpw	tlou					0		
	DL-BL-RF-DR	xrpv	tlov					0		A
	DL-BL-FR-UL	xrjd	tipa					0		F
	DL-BL-FR-UB	xrja	tlpb					0		
	DL-BL-FR-UR	xrjb	tlpc	kbjt qkps aj	R' U' R S' E' R' E S U R			10		
	DL-BL-FR-LU	xrje	tlpe					0		
	DL-BL-FR-BU	xrjq	tlpf					0		
	DL-BL-FR-RU	xrjm	tlpg	kbsa wasg uhb vj	R' U' S U F' U S L S2 L' U' F R			13		
	DL-BL-FR-FU	xrji	tlph					0		O
	DL-BL-FR-LF	xrjf	tlpj					0		
	DL-BL-FR-RB	xrjn	tlpn					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-BL-FR-LD	xrjg	tlpq				0			
	DL-BL-FR-BD	xrjs	tlpr				0			A
	DL-BL-FR-RD	xrjo	tlps				0			
	DL-BL-FR-DB	xrjw	tlpu				0			
	DL-BL-FR-DR	xrjv	tlpv				0			A
	DL-BL-LD-UB	xrga	tlqb				0			
	DL-BL-LD-RU	xrgm	tlqg				0			
	DL-BL-LD-LF	xrgf	tlqj				0			
	DL-BL-BD-UR	xrsb	tlrc				0			
	DL-BL-BD-DF	xrsu	tlrd				0			
	DL-BL-BD-BU	xrsq	tlrf	teho endg nds	S' D' L' M2 D' M' D L M' D S		11			
	DL-BL-BD-FL	xrsi	tlri				0			
	DL-BL-BD-LF	xrsf	tlrj				0			
	DL-BL-BD-BR	xrst	tlrm				0			
	DL-BL-BD-RB	xrsn	tlrn	kgte jqhp vksj	R' L S' D' R E' L' E F R' S R		12			
	DL-BL-BD-FR	xrsj	tlrp				0			O
	DL-BL-BD-RD	xrso	tlrs				0			
	DL-BL-BD-DR	xrsv	tlrv				0			
	DL-BL-RD-UL	xrod	tlsa				0			
	DL-BL-RD-UB	xroa	tlsb				0			
	DL-BL-RD-UR	xrob	tlsc				0			O
	DL-BL-RD-LU	xroe	tlse				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-BL-RD-BU	xroq	tlsf				0			
	DL-BL-RD-RU	xrom	tlsg				0			
	DL-BL-RD-FL	xrol	tsli				0		0	
	DL-BL-RD-LF	xrof	tlisj				0			
	DL-BL-RD-RB	xron	tlsn				0		A	
	DL-BL-RD-RF	xrop	tlso				0			
	DL-BL-RD-BD	xros	tslr				0		0	
	DL-BL-RD-DB	xrow	tslu	vhoe nwmv dgow	F L' M2 D' M' F' M F D L M2 F'		12		0	
	DL-BL-DL-UB	xrxa	tltb				0		0	
	DL-BL-DB-UL	xrwd	tlua				0			
	DL-BL-DB-UB	xrwa	tlub				0			
	DL-BL-DB-UR	xrwb	tluc				0			
	DL-BL-DB-DF	xrwu	tlud				0			
	DL-BL-DB-LU	xrwe	tlue				0		A	
	DL-BL-DB-RU	xrwm	tlug				0			
	DL-BL-DB-FL	xrwl	tlui				0			
	DL-BL-DB-LF	xrwf	tluj				0			
	DL-BL-DB-LB	xrwh	tluk				0		C	
	DL-BL-DB-BR	xrwt	tlum				0			
	DL-BL-DB-RB	xrwn	tlun				0			
	DL-BL-DB-RF	xrwp	tluo				0			
	DL-BL-DB-FR	xrwj	tlup				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-BL-DB-RD	xrwo	tlus				0			
	DL-BL-DB-DR	xrwv	tluv				0			
	DL-BL-DR-UL	xrvd	tlva	hbgu hscs bg	L' U' L S2 L' S U2 S U' L		10			
	DL-BL-DR-UB	xrva	tlvb				0			
	DL-BL-DR-UR	xrvb	tlvc	dgao ancn he	D L U M2 U M' U2 I' D'		10			A
	DL-BL-DR-DF	xrvu	tlvd				0			O
	DL-BL-DR-LU	xrve	tlve				0			P
	DL-BL-DR-BU	xrvq	tlvf				0			
	DL-BL-DR-FL	xrvl	tlvi				0			O
	DL-BL-DR-LF	xrvf	tlvj				0			A
	DL-BL-DR-BR	xrvt	tlvm				0			
	DL-BL-DR-RF	xrvp	tlvo				0			
	DL-BL-DR-FR	xrvj	tlvp				0			
	DL-BL-DR-DB	xrvw	tlvu	ejqv qnwm rkd	D' R E' F E' M' F' M E2 R' D		11			
	DL-BR-UL-UB	xtda	tmab				0			
	DL-BR-UL-UR	xtdb	tmac				0			O
	DL-BR-UL-DF	xtdu	tmad				0			
	DL-BR-UL-BU	xtdq	tmaf				0			
	DL-BR-UL-RU	xtdm	tmag				0			
	DL-BR-UL-FU	xtdi	tmah				0			
	DL-BR-UL-FL	xtdl	tmai				0			
	DL-BR-UL-LF	xtdf	tmaj				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-BR-UL-LB	xtdh	tma <sup>k</sup>				0			
	DL-BR-UL-BL	xtdr	tma <sup>l</sup>				0			
	DL-BR-UL-RF	xtdp	tma <sup>o</sup>				0			
	DL-BR-UL-FR	xtdj	tma <sup>p</sup>				0		L	
	DL-BR-UL-RD	xtdo	tma <sup>s</sup>				0		P	
	DL-BR-UL-DB	xtdw	tma <sup>u</sup>				0			
	DL-BR-UL-DR	xtdv	tma <sup>v</sup>				0			
	DL-BR-UB-UL	xtad	tmba	ejbm task nd	D' R U' M S' U S R' M' D		10		O	
	DL-BR-UB-BU	xtaq	tmbf				0			
	DL-BR-UB-RU	xtam	tmbg				0			
	DL-BR-UB-FU	xtai	tmbh				0			
	DL-BR-UB-FL	xtal	tmbi				0		P	
	DL-BR-UB-LF	xtaf	tmbj				0		O	
	DL-BR-UB-LB	xtah	tmbk				0		O	
	DL-BR-UB-BL	xtar	tmbi				0		O	
	DL-BR-UB-RF	xtap	tmbo				0		F	
	DL-BR-UB-FR	xtaj	tmbp				0			
	DL-BR-UB-LD	xtag	tmbq				0		P	
	DL-BR-UB-BD	xtas	tmbr				0		C	
	DL-BR-UB-RD	xtao	tmbs				0			
	DL-BR-UB-DB	xtaw	tmbu				0		O	
	DL-BR-UB-DR	xtav	tmbv				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		
DL-BR-UR-UL	xtbd		tmca					0		
DL-BR-UR-UB	xtba		tmcb					0		
DL-BR-UR-DF	xtbu		tmcd					0		
DL-BR-UR-LU	xtbe		tmce					0		
DL-BR-UR-BU	xtbq		tmcf					0		
DL-BR-UR-FU	xtbi		tmch					0		
DL-BR-UR-FL	xtbl		tmci					0		
DL-BR-UR-LF	xtbf		tmcj					0		
DL-BR-UR-LB	xtbh		tmck					0		
DL-BR-UR-BL	xtbr		tmcl					0		
DL-BR-UR-RF	xtbp		tmco					0		
DL-BR-UR-FR	xtbj		tmcp					0		
DL-BR-UR-LD	xtbg		tmcq					0		
DL-BR-UR-BD	xtbs		tmcr					0		0
DL-BR-UR-RD	xtbo		tmcs					0		
DL-BR-UR-DR	xtbv		tmcv					0		
DL-BR-DF-UL	xtud		tmda					0		
DL-BR-DF-LU	xtue		tmde					0		
DL-BR-DF-FL	xtul		tmdi					0		
DL-BR-DF-RF	xtup		tmdo					0		
DL-BR-DF-FR	xtuj		tmdp					0		
DL-BR-DF-BD	xtus		tmdr					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-BR-DF-DB	xtuw	tmdu				0			
	DL-BR-DF-DR	xtuv	tmdv				0			
	DL-BR-LU-UB	xtea	tmeb				0			
	DL-BR-LU-UR	xteb	tmecc				0			
	DL-BR-LU-RU	xtem	tmege				0			
	DL-BR-LU-FU	xtei	tmehe				0			
	DL-BR-LU-FL	xtel	tmei				0			
	DL-BR-LU-LB	xteh	tmek				0			
	DL-BR-LU-BL	xter	tmel				0		L	
	DL-BR-LU-FR	xtej	tmepe				0			
	DL-BR-LU-LD	xteg	tmeq				0			
	DL-BR-LU-BD	xtes	tmer				0			
	DL-BR-LU-RD	xteo	tmes				0		P	
	DL-BR-LU-DB	xtew	tmeu				0			
	DL-BR-LU-DR	xtev	tmev				0			
	DL-BR-BU-UL	xtqd	tmfa				0			
	DL-BR-BU-LU	xtqe	tmfe				0			
	DL-BR-BU-RU	xtqm	tmfg				0			
	DL-BR-BU-LF	xtqf	tmfj				0			
	DL-BR-BU-RF	xtqp	tmfo				0			
	DL-BR-BU-FR	xtqj	tmfp	aktj tlkj tjb	U R' S' R S' R2 S' R S' R U'		11			
	DL-BR-BU-BD	xtqs	tmfr				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
DL-BR-BU-RD	xtqo	tmfs					0			
DL-BR-BU-DB	xtqw	tmfu					0			
DL-BR-RU-UL	xtmd	tmga					0			
DL-BR-RU-UB	xtma	tmgb					0			
DL-BR-RU-DF	xtmu	tmgd					0			
DL-BR-RU-LU	xtme	tmge					0			
DL-BR-RU-BU	xtmq	tmgf					0			
DL-BR-RU-FU	xtmi	tmgh					0			
DL-BR-RU-LF	xtmf	tmgj					0			
DL-BR-RU-LB	xtmh	tmhk					0			
DL-BR-RU-BL	xtmr	tmgl					0			P
DL-BR-RU-RF	xtmp	tmgo					0			
DL-BR-RU-FR	xtmj	tmgp					0			
DL-BR-RU-BD	xtms	tmgr					0			
DL-BR-RU-RD	xtmo	tmgs					0			
DL-BR-RU-DB	xtmw	tmgu					0			
DL-BR-RU-DR	xtmv	tmgv					0			
DL-BR-FU-UL	xtid	tmha					0			
DL-BR-FU-UR	xtib	tmhc					0			P
DL-BR-FU-LU	xtie	tmhe					0			P
DL-BR-FU-FL	xtil	tmhi					0			P
DL-BR-FU-BL	xtir	tmhl					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
	DL-BR-FU-BD	xtis	tmhr				0			
	DL-BR-FU-RD	xtio	tmhs				0			
	DL-BR-FL-UL	xtld	tmia				0			
	DL-BR-FL-UB	xtla	tmib				0			
	DL-BR-FL-UR	xtlb	tmic				0			
	DL-BR-FL-DF	xtlu	tmid				0			
	DL-BR-FL-LU	xtle	tmie				0			
	DL-BR-FL-BU	xtlq	tmif	jevc vnwc wmdk	R D' F U2 F M' F' U2 F' M D R'		12			
	DL-BR-FL-RU	xtlm	tmig				0			
	DL-BR-FL-FU	xtli	tmih				0		0	
	DL-BR-FL-LB	xtlh	tmik				0			
	DL-BR-FL-BL	xtlr	tmil				0			
	DL-BR-FL-RF	xtlp	tmio				0			
	DL-BR-FL-FR	xtlj	tmip				0			
	DL-BR-FL-BD	xtls	tmir				0			
	DL-BR-FL-RD	xtlo	tmis				0		A	
	DL-BR-FL-DB	xtlw	tmiu				0		F	
	DL-BR-FL-DR	xtlv	tmiv				0			
	DL-BR-LF-UB	xtfa	tmjb				0			
	DL-BR-LF-LU	xtfe	tmje				0			
	DL-BR-LF-RU	xtfm	tmjg				0			
	DL-BR-LF-LB	xtfh	tmjk				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		
DL-BR-LF-BL	xtfr		tmjl					0		
DL-BR-LF-RD	xtfo		tmjs					0		
DL-BR-LF-DB	xtfw		tmju					0		0
DL-BR-LF-DR	xtfv		tmjv					0		
DL-BR-LB-UL	xthd		tmka					0		
DL-BR-LB-UB	xtha		tmkb					0		
DL-BR-LB-UR	xthb		tmkc					0		
DL-BR-LB-DF	xthu		tmkd					0		P
DL-BR-LB-LU	xthe		tmke					0		
DL-BR-LB-BU	xthq		tmkf					0		
DL-BR-LB-FU	xthi		tmkh					0		
DL-BR-LB-FL	xthl		tmki					0		
DL-BR-LB-FR	xthj		tmkp					0		
DL-BR-LB-BD	xths		tmkr					0		
DL-BR-LB-DB	xthw		tmku					0		
DL-BR-LB-DR	xthv		tmkv					0		
DL-BR-BL-UB	xtra		tmlb					0		
DL-BR-BL-UR	xtrb		tmlc					0		0
DL-BR-BL-LU	xtre		tmlc					0		C
DL-BR-BL-LF	xtrf		tmlj					0		
DL-BR-BL-RF	xtrp		tmlo					0		
DL-BR-BL-FR	xtrj		tmlp					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
DL-BR-BL-RD	xtro		tmis				0			0
DL-BR-BL-DR	xtrv		tmlv				0			0
DL-BR-RF-UL	xtpd		tmoa				0			0
DL-BR-RF-UB	xtpa		tmob				0			0
DL-BR-RF-UR	xtpb		tmoc				0			0
DL-BR-RF-DF	xtpu		tmod				0			0
DL-BR-RF-LU	xtpe		tmoe				0			0
DL-BR-RF-BU	xtpq		tmof				0			C
DL-BR-RF-RU	xtpm		tmog				0			0
DL-BR-RF-FU	xtpi		tmoh				0			0
DL-BR-RF-FL	xtpl		tmoi				0			0
DL-BR-RF-LF	xtpf		tmoj				0			0
DL-BR-RF-BL	xtpr		tmol				0			0
DL-BR-RF-RD	xtpo		tmos				0			0
DL-BR-RF-DB	xtpw		tmou				0			0
DL-BR-RF-DR	xtpv		tmov				0			0
DL-BR-FR-UL	xtjd		tmpa				0			O
DL-BR-FR-UB	xtja		tmpb				0			0
DL-BR-FR-UR	xtjb		tmpc				0			0
DL-BR-FR-DF	xtju		tmpd				0			O
DL-BR-FR-LU	xtje		tmp e				0			0
DL-BR-FR-BU	xtjq		tmpf				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
DL-BR-FR-RU	xtjm		tmpg				0			
DL-BR-FR-FU	xtji		tmpf				0			
DL-BR-FR-FL	xtjl		tmpi				0			A
DL-BR-FR-LB	xtjh		tmpk				0			
DL-BR-FR-BL	xtjr		tmpl				0			C
DL-BR-FR-RB	xtjn		tmpn				0			O
DL-BR-FR-BD	xtjs		tmpo				0			A
DL-BR-FR-RD	xtjo		tmps				0			A
DL-BR-FR-DB	xtjw		tmpu				0			O
DL-BR-LD-BL	xtgr		tmql				0			
DL-BR-BD-UB	xtsa		tmrb				0			
DL-BR-BD-UR	xtsb		tmrc				0			
DL-BR-BD-LU	xtse		tmre				0			
DL-BR-BD-BU	xtsq		tmrf				0			
DL-BR-BD-RU	xtsm		tmrg				0			
DL-BR-BD-FU	xtsi		tmrh				0			
DL-BR-BD-FL	xtsl		tmri				0			O
DL-BR-BD-LB	xtsh		tmrk				0			
DL-BR-BD-BL	xtsr		tmrl				0			
DL-BR-BD-RF	xtsp		tmro				0			
DL-BR-BD-FR	xtsj		tmrp				0			
DL-BR-BD-RD	xtso		tmrs				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-BR-RD-UL	xtod	tmsa				0			
	DL-BR-RD-UB	xtoa	tmsb				0			
	DL-BR-RD-UR	xtob	tmsc				0			
	DL-BR-RD-DF	xtou	tmsd				0			
	DL-BR-RD-LU	xtoe	tmse				0			
	DL-BR-RD-RU	xtom	tmsg				0			
	DL-BR-RD-FL	xtol	tmsi				0			
	DL-BR-RD-LF	xtof	tmsj				0			
	DL-BR-RD-RF	xtop	tmso				0			
	DL-BR-RD-FR	xtoj	tmsp				0			
	DL-BR-RD-LD	xtog	tmsq				0			
	DL-BR-RD-BD	xtos	tmsr				0			
	DL-BR-RD-DB	xtow	tmsu				0			
	DL-BR-DB-UL	xtwd	tmua				0			
	DL-BR-DB-UB	xtwa	tmub	agpi qgam cn	U L E L2 E' L U M U2 M'		10			
	DL-BR-DB-UR	xtwb	tmuc				0			
	DL-BR-DB-LU	xtwe	tmue				0			
	DL-BR-DB-BU	xtwq	tmuf	qnke ndo jp	E' M' R' D' M' D M2 R E		9			
	DL-BR-DB-RU	xtwm	tmug				0			
	DL-BR-DB-FU	xtwi	tmuh				0			
	DL-BR-DB-FL	xtwl	tmui				0			
	DL-BR-DB-LB	xtwh	tmuk				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-BR-DB-BL	xtwr	tmul				0			
	DL-BR-DB-RF	xtwp	tmuo				0			
	DL-BR-DB-FR	xtwj	tmup				0			A
	DL-BR-DB-RD	xtwo	tmus				0			
	DL-BR-DB-DR	xtwv	tmuv	eaje tdsk tdsb	D' U R D' S' D S R' S' D S U'		12			
	DL-BR-DR-UL	xtvd	tmva	ejmt dsne kd	D' R M S' D S M' D' R' D		10			
	DL-BR-DR-UB	xtva	tmvb				0			0
	DL-BR-DR-UR	xtvb	tmvc	pwis gugs vq	E F' L2 S L S2 L f E'		10			
	DL-BR-DR-DF	xtvu	tmvd				0			
	DL-BR-DR-LU	xtve	tmve				0			
	DL-BR-DR-BU	xtvq	tmvf				0			
	DL-BR-DR-RU	xtvm	tmvg				0			
	DL-BR-DR-FL	xtvl	tmvi				0			
	DL-BR-DR-LF	xtvf	tmvj				0			
	DL-BR-DR-LB	xtvh	tmvk				0			
	DL-BR-DR-BL	xtvr	tmvl				0			
	DL-BR-DR-RF	xtvp	tmvo				0			
	DL-BR-DR-FR	xtvj	tmvp				0			
	DL-RB-UL-UB	xnda	tnab				0			L
	DL-RB-UL-UR	xndb	tnac				0			
	DL-RB-UL-DF	xndu	tnad				0			
	DL-RB-UL-BU	xndq	tnaf				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
	DL-RB-UL-RU	xndm	tnag				0			
	DL-RB-UL-FU	xndi	tnah				0		O	
	DL-RB-UL-FL	xndl	tnai				0		C	
	DL-RB-UL-LF	xndf	tnaj				0			
	DL-RB-UL-LB	xndh	tnak				0		P	
	DL-RB-UL-BL	xndr	tnal				0			
	DL-RB-UL-FR	xndj	tnap				0			
	DL-RB-UL-LD	xndg	tnaq				0		P	
	DL-RB-UL-BD	xnds	tnar				0			
	DL-RB-UL-RD	xndo	tnas				0			
	DL-RB-UB-UL	xnad	tnba	csat kasb tja	U2 S U S' R' U S U' S' R U		11			
	DL-RB-UB-UR	xnab	tnbc				0			
	DL-RB-UB-DF	xnau	tnbd				0		F	
	DL-RB-UB-LU	xnae	tnbe				0		A	
	DL-RB-UB-RU	xnam	tnbg	amwl skuk svnb	U M F' R2 S R' S2 R' f M' U'		12		O	
	DL-RB-UB-FL	xnal	tnbi	njeg nemd hdmk	r D' L M' D' M D L' D r'		12			
	DL-RB-UB-LF	xnaf	tnbj				0			
	DL-RB-UB-LB	xnah	tnbk	vqaj ptks bw	F u R E S' R' S U' F'		10		A	
	DL-RB-UB-BL	xnar	tnbl				0		A	
	DL-RB-UB-RF	xnap	tnbo				0		A	
	DL-RB-UB-FR	xnaj	tnbp	jsas btbt ak	R S U S U' S' U' S' U R'		10			
	DL-RB-UB-BD	xnas	tnbr				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
DL-RB-UB-RD	xnao		tnbs				0			A
DL-RB-UB-DB	xnaw		tnbu				0			
DL-RB-UR-UB	xnba		tncb				0			A
DL-RB-UR-FU	xnbi		tnch				0			O
DL-RB-UR-FL	xnbl		tnci				0			
DL-RB-UR-LF	xnbf		tncj				0			
DL-RB-UR-LB	xnbh		tnck				0			
DL-RB-UR-BL	xnbr		tncl				0			O
DL-RB-UR-RF	xnbp		tnco				0			
DL-RB-UR-RD	xnbo		tncs				0			
DL-RB-UR-DR	xnbv		tncv				0			
DL-RB-DF-UL	xnud		tnda				0			O
DL-RB-DF-UB	xnuu		tndb				0			
DL-RB-DF-UR	xnub		tndc				0			
DL-RB-DF-LU	xnue		tnde				0			
DL-RB-DF-RU	xnum		tndg				0			P
DL-RB-DF-FL	xnul		tndi				0			O
DL-RB-DF-LF	xnuf		tndj				0			
DL-RB-DF-LB	xnuh		tndk				0			F
DL-RB-DF-BL	xnur		tndl				0			O
DL-RB-DF-RF	xnup		tndo				0			A
DL-RB-DF-FR	xnuj		tndp				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		
DL-RB-DF-BD	xnus		tndr				0			A
DL-RB-DF-RD	xnuo		tnds				0			A
DL-RB-DF-DB	xnuw		tndu				0			
DL-RB-DF-DR	xnuv		tndv				0			
DL-RB-LU-UB	xnea		tneb				0			A
DL-RB-LU-UR	xneb		t nec				0			
DL-RB-LU-DF	xneu		t ned				0			A
DL-RB-LU-BU	xneq		t nef				0			A
DL-RB-LU-RU	xnem		t neg				0			
DL-RB-LU-LF	xnef		tnej				0			
DL-RB-LU-LB	xneh		tnek				0			
DL-RB-LU-BL	xner		tnel				0			C
DL-RB-LU-RF	xnep		tneo				0			
DL-RB-LU-FR	xnej		t nep				0			
DL-RB-LU-BD	xnes		t ner				0			O
DL-RB-LU-RD	xneo		t nes				0			
DL-RB-LU-DB	xnew		t neu				0			
DL-RB-LU-DR	xnev		t nev				0			
DL-RB-BU-UL	xnqd		tnfa				0			
DL-RB-BU-DF	xnqu		tnfd				0			A
DL-RB-BU-LU	xnqe		tnfe				0			F
DL-RB-BU-RU	xnqm		tnfg				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		
DL-RB-BU-FU	xnqi		tnfh				0			A
DL-RB-BU-FL	xnql		tnfi				0			F
DL-RB-BU-LF	xnqf		tnfj				0			A
DL-RB-BU-LB	xnqh		tnfk				0			A
DL-RB-BU-BL	xnqr		tnfl				0			A
DL-RB-BU-FR	xnqj		tnfp				0			
DL-RB-BU-BD	xnqs		tnfr				0			
DL-RB-BU-RD	xnqo		tnfs				0			A
DL-RB-BU-DR	xnqv		tnfv				0			A
DL-RB-RU-UL	xnmjd		tnga				0			
DL-RB-RU-UB	xnmaj		tngb				0			
DL-RB-RU-DF	xnmuj		tngd				0			
DL-RB-RU-LU	xnmee		tng e				0			
DL-RB-RU-BU	xnmqj		tngf				0			
DL-RB-RU-FL	xnmli		tngi				0			A
DL-RB-RU-LF	xnmfj		tngj				0			F
DL-RB-RU-LB	xnmhj		tngk				0			
DL-RB-RU-BL	xnmrj		tngl				0			P
DL-RB-RU-BR	xnmtr		tngm				0			
DL-RB-RU-BD	xnmsj		tngr				0			
DL-RB-RU-RD	xnmoj		tngs				0			
DL-RB-FU-UB	xnia		tnhb				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
	DL-RB-FU-UR	xnib	tnhc				0			A
	DL-RB-FU-LU	xnie	tnhe				0			P
	DL-RB-FU-BU	xniq	tnhf				0			A
	DL-RB-FU-RU	xnim	tnhg				0			
	DL-RB-FU-FL	xnil	tnhi				0			O
	DL-RB-FU-LF	xnif	tnhj				0			A
	DL-RB-FU-LB	xnih	tnhk				0			A
	DL-RB-FU-BL	xnir	tnhl				0			
	DL-RB-FU-BD	xnis	tnhr				0			A
	DL-RB-FU-RD	xnio	tnhs				0			
	DL-RB-FU-DB	xniw	tnhu				0			
	DL-RB-FL-UL	xnid	tnia				0			
	DL-RB-FL-UB	xnila	tnib				0			
	DL-RB-FL-DF	xnlu	tnid				0			
	DL-RB-FL-LU	xnle	tnie	xe ks jd wj tk w	F2 D' R' S R D F' R S' R' F'		11			
	DL-RB-FL-BU	xnlq	tnif				0			
	DL-RB-FL-FU	xnli	tnih				0			
	DL-RB-FL-BR	xnlt	tnim				0			
	DL-RB-FL-RF	xnlp	tnio				0			
	DL-RB-FL-FR	xnlj	tnip				0			
	DL-RB-FL-BD	xnls	tnir				0			
	DL-RB-FL-RD	xnlo	tnis				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		
	DL-RB-FL-DB	xnlw	tniu					0		
	DL-RB-FL-DR	xnlv	tniv					0		
	DL-RB-LF-UL	xnfd	tnja					0		
	DL-RB-LF-UB	xnfa	tnjb					0		A
	DL-RB-LF-UR	xnfb	tnjc					0		A
	DL-RB-LF-LU	xnfe	tnje					0		
	DL-RB-LF-LB	xnfh	tnjk	vbqj ptks aw	F U' E' R E S' R' S U F'			10		A
	DL-RB-LF-BL	xnfr	tnjl					0		
	DL-RB-LF-RF	xnfp	tnjo					0		
	DL-RB-LF-LD	xnfg	tnjq					0		
	DL-RB-LF-BD	xnfs	tnjr					0		C
	DL-RB-LF-RD	xnfo	tnjs					0		A
	DL-RB-LF-DB	xnfw	tnju					0		
	DL-RB-LB-UL	xnhd	tnka					0		
	DL-RB-LB-LU	xnhe	tnke					0		O
	DL-RB-LB-BU	xnhq	tnkf					0		
	DL-RB-LB-RU	xnhm	tnkg					0		
	DL-RB-LB-FL	xnhl	tnki					0		A
	DL-RB-LB-FR	xnhj	tnkp	ciwk namb jvic	U2 L2 F' R' M' U M U' R F L2 U2			12		
	DL-RB-LB-BD	xnhs	tnkr					0		A
	DL-RB-LB-RD	xnho	tnks					0		
	DL-RB-LB-DB	xnhw	tnku					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-RB-LB-DR	xnhv	tnkv	ewrv fvr we	D' F' E2 F D2 F E2 F' D'		9			
	DL-RB-BL-UB	xnra	tnlb				0			
	DL-RB-BL-UR	xnrb	tnlc				0			
	DL-RB-BL-DF	xnru	tnld				0			
	DL-RB-BL-LU	xnre	tnle	enwp vanb ods	D' M' F' E F U M' U' M2 D S		11			
	DL-RB-BL-BU	xnrq	tnlf				0		A	
	DL-RB-BL-RU	xnrm	tnlg				0		A	
	DL-RB-BL-FU	xnri	tnlh				0		A	
	DL-RB-BL-FL	xnrl	tnli				0			
	DL-RB-BL-LF	xnrf	tnlj				0			
	DL-RB-BL-FR	xnrj	tnlp				0			
	DL-RB-BL-BD	xnrs	tnlr				0		0	
	DL-RB-BL-DB	xnrw	tnlu				0			
	DL-RB-BL-DR	xnrv	tnlv				0		A	
	DL-RB-RF-UL	xnpd	tnoa				0			
	DL-RB-RF-UB	xnpa	tnob				0			
	DL-RB-RF-UR	xnpb	tnoc				0			
	DL-RB-RF-DF	xnpu	tnod				0			
	DL-RB-RF-LU	xnpe	tnoe				0			
	DL-RB-RF-FU	xnpi	tnoh				0			
	DL-RB-RF-LF	xnpf	tnoj				0			
	DL-RB-RF-LB	xnph	tnok				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		
DL-RB-RF-BD	xnps		tnor				0			
DL-RB-FR-UL	xnjd		tnpa				0			
DL-RB-FR-UB	xnja		tnpb				0			
DL-RB-FR-UR	xnjb		tnpc				0			
DL-RB-FR-LU	xnje		tnpe				0			
DL-RB-FR-RU	xnjm		tnpg				0			
DL-RB-FR-FU	xnji		tnph				0			
DL-RB-FR-LB	xnjh		tnpk				0		F	
DL-RB-FR-BL	xnjr		tnpl				0		C	
DL-RB-FR-LD	xnjg		tnpq				0		O	
DL-RB-FR-BD	xnjs		tnpr				0		A	
DL-RB-FR-RD	xnjo		tnps				0			
DL-RB-FR-DR	xnjv		tnpv				0			
DL-RB-LD-UL	xngd		tnqa				0		P	
DL-RB-LD-UB	xnga		tnqb				0			
DL-RB-LD-LB	xngf		tnqk				0			
DL-RB-LD-DB	xngw		tnqu				0			
DL-RB-BD-UR	xnsb		tnrc				0			
DL-RB-BD-DF	xnsu		tnrd				0		F	
DL-RB-BD-FU	xnsi		tnrh				0		A	
DL-RB-BD-FL	xnsl		tnri				0			
DL-RB-BD-LF	xnsf		tnrj				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
DL-RB-BD-LB	xnsh		tnrk				0			
DL-RB-BD-BL	xnsr		tnrl				0			A
DL-RB-BD-RF	xnsp		tnro				0			
DL-RB-BD-FR	xnsj		tnrp				0			
DL-RB-BD-RD	xnso		tnrs				0			
DL-RB-BD-DR	xnsv		tnrv				0			
DL-RB-RD-UL	xnod		tnsa				0			
DL-RB-RD-UB	xnoa		tnsb				0			
DL-RB-RD-UR	xnob		tnsc				0			C
DL-RB-RD-DF	xnou		tnsd				0			
DL-RB-RD-LU	xnoe		tnse				0			
DL-RB-RD-BU	xnoq		tnsf				0			A
DL-RB-RD-RU	xnom		tnsg				0			
DL-RB-RD-FU	xnoi		tnsh				0			F
DL-RB-RD-FL	xnol		tnsi				0			C
DL-RB-RD-LF	xnof		tnsj				0			
DL-RB-RD-LB	xnoh		tnsk				0			
DL-RB-RD-RF	xnop		tnso				0			
DL-RB-RD-FR	xnoj		tnsp				0			
DL-RB-RD-BD	xnos		tnsr				0			O
DL-RB-RD-DB	xnow		tnsu				0			
DL-RB-DB-UL	xnwdf		tnua				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		
	DL-RB-DB-UB	xnwa	tnub					0		
	DL-RB-DB-UR	xnwb	tnuc					0		
	DL-RB-DB-DF	xnwu	tnud					0		0
	DL-RB-DB-LU	xnwe	tnue					0		
	DL-RB-DB-RU	xnwm	tnug					0		
	DL-RB-DB-FU	xnwi	tnuh					0		
	DL-RB-DB-LF	xnwf	tnuj					0		
	DL-RB-DB-LB	xnwh	tnuk	qvks dtej wp	E' F R' S D S' D' R F' E		10			0
	DL-RB-DB-BL	xnwr	tnul					0		
	DL-RB-DB-FR	xnwj	tnup					0		
	DL-RB-DB-RD	xnwo	tnus					0		
	DL-RB-DR-UL	xnvd	tnva	wktk pjq vu	f' R' S' E R E' F S2		9			
	DL-RB-DR-UB	xnva	tnvb					0		
	DL-RB-DR-UR	xnvb	tnvc					0		
	DL-RB-DR-LU	xnve	tnve					0		
	DL-RB-DR-BU	xnvq	tnvf					0		
	DL-RB-DR-RU	xnvm	tnvg					0		
	DL-RB-DR-FL	xnvl	tnvi					0		P
	DL-RB-DR-LF	xnvf	tnvj					0		
	DL-RB-DR-LB	xnvh	tnvk					0		
	DL-RB-DR-FR	xnvj	tnvp					0		
	DL-RB-DR-DB	xnvw	tnvu					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		
	DL-RF-UL-UB	xpda	toab					0		
	DL-RF-UL-DF	xpdu	toad					0		0
	DL-RF-UL-BU	xpdq	toaf					0		
	DL-RF-UL-RU	xpdm	toag					0		
	DL-RF-UL-FU	xpdi	toah					0		
	DL-RF-UL-FL	xpdl	toai	kcvo esdt owcj	R' U2 F M2 D' S D S' M2 F' U2 R			12		
	DL-RF-UL-LF	xpdf	toaj					0		
	DL-RF-UL-LB	xpdh	toak	gqwg phqv hp	L E' F' L E L' E' F L' E			10		
	DL-RF-UL-BL	xpdr	toal	kwfs gthf vj	R' F' D2 S L S' L' D2 F R			10		
	DL-RF-UL-BR	xpdt	toam	gwlw pvql vh	L F' R2 F' E F E' R2 F L'			10		
	DL-RF-UL-RB	xpdn	toan	akao esdt objb	U R' U M2 D' S D S' M2 U' R U'			12		
	DL-RF-UL-BD	xpds	toar	kxdt dsf xj	R' F2 D S' D S D2 F2 R			9		
	DL-RF-UL-RD	xpdo	toas	gexp vqv dh	L D' F2 E F E' F D L'			9		0
	DL-RF-UL-DB	xpdw	toau	nbhp vqwg am	M' U' L' E F E' F' L U M			10		
	DL-RF-UL-DR	xpdv	toav	kvct ksjc wj	R' F U2 S' R' S R U2 F' R			10		
	DL-RF-UB-UL	xpad	toba	csat jasb tka	U2 S U S' R U S U' S' R' U			11		L
	DL-RF-UB-UR	xpab	tobc					0		
	DL-RF-UB-DF	xpau	tobd					0		F
	DL-RF-UB-LU	xpae	tobe					0		
	DL-RF-UB-RU	xpam	tobg					0		0
	DL-RF-UB-FL	xpal	tobi					0		0
	DL-RF-UB-LF	xpaf	tobj					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		
DL-RF-UB-LB	xpah	tobk					0			
DL-RF-UB-BL	xpar	tobl					0			
DL-RF-UB-BR	xpat	tobm					0			
DL-RF-UB-RB	xpan	tobn					0			
DL-RF-UB-BD	xpas	tobr					0			
DL-RF-UB-RD	xpao	tobs					0			
DL-RF-UB-DB	xpaw	tobu					0		0	
DL-RF-UB-DR	xpav	tobv					0		F	
DL-RF-UR-UL	xpb'd	toca					0			
DL-RF-UR-UB	xpba	tocb					0			
DL-RF-UR-DF	xpbu	tocd					0			
DL-RF-UR-LU	xpbe	toce					0			
DL-RF-UR-BU	xpbq	tocf					0			
DL-RF-UR-FU	xpbi	toch					0		A	
DL-RF-UR-FL	xpb'l	toc'i					0			
DL-RF-UR-LF	xpb'f	tocj					0			
DL-RF-UR-LB	xpbh	tock					0		O	
DL-RF-UR-BL	xpbr	tocl					0			
DL-RF-UR-BR	xpb't	tocm					0			
DL-RF-UR-RB	xpb'n	tocn					0			
DL-RF-UR-BD	xpbs	tocr					0		O	
DL-RF-UR-RD	xpbo	tocs					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		
	DL-RF-UR-DB	xpbw	tocu					0		
	DL-RF-UR-DR	xpbv	tocv					0		
	DL-RF-DF-UL	xpud	toda					0		A
	DL-RF-DF-BU	xpuq	todf					0		
	DL-RF-DF-RU	xpum	todg					0		
	DL-RF-DF-FL	xpul	todi					0		O
	DL-RF-DF-LF	xpuf	todj					0		
	DL-RF-DF-LB	xpuh	todk					0		
	DL-RF-DF-BL	xpur	todl					0		A
	DL-RF-DF-BR	xput	todm					0		
	DL-RF-DF-BD	xpus	todr					0		P
	DL-RF-DF-RD	xpuo	tods					0		P
	DL-RF-DF-DB	xpuw	todu					0		P
	DL-RF-DF-DR	xpuv	todv					0		
	DL-RF-LU-UB	xpea	toeb					0		
	DL-RF-LU-UR	xpeb	toec					0		A
	DL-RF-LU-DF	xpeu	toed					0		A
	DL-RF-LU-BU	xpeq	toef					0		
	DL-RF-LU-RU	xpem	toeg					0		
	DL-RF-LU-FL	xpel	toei					0		
	DL-RF-LU-LF	xpef	toej	bhcw nbma vcg a	U' L' U2 F' M' U' M U F U2 L U			12		
	DL-RF-LU-LB	xpeh	toek					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		
DL-RF-LU-BL	xper		toel					0		
DL-RF-LU-BR	xpet		toem					0		
DL-RF-LU-RB	xpen		toen					0		
DL-RF-LU-BD	xpes		toer					0		
DL-RF-LU-RD	xpeo		toes					0		
DL-RF-LU-DB	xpew		toeu					0		
DL-RF-LU-DR	xpev		toev					0		
DL-RF-BU-UL	xpqd		tofa					0		
DL-RF-BU-UR	xpqb		tofc					0		
DL-RF-BU-DF	xpqu		tofd					0		
DL-RF-BU-LU	xpqe		tofe					0		
DL-RF-BU-RU	xpqm		tofg					0		
DL-RF-BU-FU	xpqi		tofh					0		
DL-RF-BU-FL	xpql		tofi					0		
DL-RF-BU-LF	xpqf		tofj					0		
DL-RF-BU-LB	xpqh		tofk					0		
DL-RF-BU-BL	xpqr		tofl					0		
DL-RF-BU-BR	xpqt		tofm					0		
DL-RF-BU-RB	xpqn		tofn					0		
DL-RF-BU-BD	xpqs		tofr					0		
DL-RF-BU-RD	xpqa		tofs					0		
DL-RF-BU-DB	xpqw		tofu					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		
	DL-RF-BU-DR	xpqv	tofv					0		
	DL-RF-RU-UL	xpmid	toga					0		
	DL-RF-RU-UB	xpma	togb					0		
	DL-RF-RU-DF	xpmu	togd					0		F
	DL-RF-RU-LU	xpme	toge					0		
	DL-RF-RU-BU	xpmq	togf					0		
	DL-RF-RU-FL	xpml	togi					0		
	DL-RF-RU-LF	xpmf	togj					0		
	DL-RF-RU-LB	xpmh	togk					0		
	DL-RF-RU-BL	xpmr	togl					0		A
	DL-RF-RU-BR	xpmt	togm	avju kwak ujc	U F R S2 R' F' U R' S2 R U2			11		
	DL-RF-RU-BD	xpms	togr					0		
	DL-RF-RU-RD	xpmo	togs					0		A
	DL-RF-RU-DB	xpmw	togu					0		
	DL-RF-RU-DR	xpmv	togv					0		
	DL-RF-FU-UL	xpid	toha					0		
	DL-RF-FU-UB	xpia	tohb					0		O
	DL-RF-FU-LU	xpie	tohe					0		
	DL-RF-FU-BU	xpiq	tohf					0		O
	DL-RF-FU-RU	xpim	tohg					0		
	DL-RF-FU-BL	xpir	tohl					0		
	DL-RF-FU-BD	xpis	tohr					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
	DL-RF-FU-RD	xpio	tohs					0		
	DL-RF-FU-DB	xpiw	tohu					0		
	DL-RF-FU-DR	xpiv	tohv					0		
	DL-RF-FL-UL	xpld	toia					0		
	DL-RF-FL-UB	xpla	toib					0		
	DL-RF-FL-UR	xplb	toic					0		
	DL-RF-FL-DF	xplu	toid					0		
	DL-RF-FL-LU	xple	toie					0		O
	DL-RF-FL-FU	xpli	toih					0		
	DL-RF-FL-LB	xplh	toik					0		
	DL-RF-FL-BL	xplr	toil					0		A
	DL-RF-FL-BR	xplt	toim					0		F
	DL-RF-FL-RB	xpln	toin					0		
	DL-RF-FL-FR	xplj	toip					0		
	DL-RF-FL-LD	xplg	toiq					0		
	DL-RF-FL-BD	xpls	toir					0		
	DL-RF-FL-RD	xplo	tois					0		
	DL-RF-FL-DB	xplw	toiū	bkwdf mdnf vja	U' R' F' D M D M' D2 F R U		11			O
	DL-RF-FL-DR	xplv	toiv					0		
	DL-RF-LF-UL	xpfđ	toja					0		
	DL-RF-LF-UB	xpfa	tojb					0		
	DL-RF-LF-UR	xpfb	tojc					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
DL-RF-LF-DF	xpfu		tojd				0			
DL-RF-LF-LU	xpfe		toje				0			
DL-RF-LF-BU	xpfq		tojf				0			
DL-RF-LF-RU	xpfm		tojg				0			
DL-RF-LF-FU	xpfi		tojh				0			
DL-RF-LF-LB	xpfh		tojk				0			
DL-RF-LF-BL	xpfr		tojl				0			
DL-RF-LF-BR	xpft		tojm				0			
DL-RF-LF-RB	xpfn		tojn				0			
DL-RF-LF-BD	xpfs		tojr				0			
DL-RF-LF-RD	xpfo		tojs				0			
DL-RF-LF-DB	xpfw		toju				0		0	
DL-RF-LF-DR	xpfv		tojv				0			
DL-RF-LB-UL	xphd		toka				0			
DL-RF-LB-UB	xpha		tokb				0			
DL-RF-LB-UR	xphb		tokc				0			
DL-RF-LB-DF	xphu		tokd				0			
DL-RF-LB-LU	xphe		toke				0		0	
DL-RF-LB-BU	xphq		tokf				0			
DL-RF-LB-RU	xphm		tokg				0			
DL-RF-LB-FL	xphl		toki				0			
DL-RF-LB-LF	xphf		tokj				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
	DL-RF-LB-BR	xphf	tokm				0			0
	DL-RF-LB-RB	xphn	tokn				0			0
	DL-RF-LB-FR	xphj	tokp				0			0
	DL-RF-LB-BD	xphs	tokr				0			0
	DL-RF-LB-RD	xpho	toks				0			0
	DL-RF-LB-DB	xphw	toku				0			0
	DL-RF-LB-DR	xphv	tokv	eiwi fiw ie	D' L2 F' L2 D2 L2 F' L2 D'		9		A	
	DL-RF-BL-UL	xprd	tola				0			0
	DL-RF-BL-UB	xpra	tolb				0			0
	DL-RF-BL-UR	xprb	tolc				0			0
	DL-RF-BL-DF	xpru	told				0		A	
	DL-RF-BL-LU	xpre	tole				0		C	
	DL-RF-BL-BU	xprq	tolf				0			0
	DL-RF-BL-RU	xprm	tolg				0			0
	DL-RF-BL-FU	xpri	tolh				0			0
	DL-RF-BL-FL	xprl	toli				0		C	
	DL-RF-BL-LF	xprf	tolj				0			0
	DL-RF-BL-BR	xprt	tolm				0		0	
	DL-RF-BL-RB	xprn	toln				0		A	
	DL-RF-BL-FR	xprj	tolp				0			0
	DL-RF-BL-BD	xprs	tolr				0		A	
	DL-RF-BL-RD	xpro	tol s				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		
	DL-RF-BL-DB	xprw	tolu					0		
	DL-RF-BL-DR	xprv	tolv					0		F
	DL-RF-BR-UL	xptd	toma					0		
	DL-RF-BR-UB	xpta	tomb					0		O
	DL-RF-BR-UR	xptb	tomc					0		
	DL-RF-BR-DF	xptu	tomd					0		
	DL-RF-BR-LU	xpte	tome					0		
	DL-RF-BR-BU	xptq	tomf					0		
	DL-RF-BR-RU	xptm	tomg					0		
	DL-RF-BR-FU	xpti	tomh					0		L
	DL-RF-BR-FL	xptl	tomi					0		
	DL-RF-BR-LF	xptf	tomj	tbkp kql as	S' U' R' E R' E' R2 U S		9			
	DL-RF-BR-LB	xpth	tomk					0		
	DL-RF-BR-BL	xptr	toml					0		
	DL-RF-BR-BD	xpts	tomr					0		P
	DL-RF-BR-RD	xpto	toms					0		O
	DL-RF-BR-DB	xptw	tomu					0		P
	DL-RF-BR-DR	xptv	tomv					0		A
	DL-RF-RB-UL	xpnd	tona					0		
	DL-RF-RB-UB	xpna	tonb					0		
	DL-RF-RB-UR	xpnb	tonc					0		F
	DL-RF-RB-DF	xpnu	tond					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
DL-RF-RB-LU	xpne		tone				0			0
DL-RF-RB-RU	xpnm		tong				0			0
DL-RF-RB-FU	xpni		tonh				0			0
DL-RF-RB-FL	xpnl		toni				0			P
DL-RF-RB-LF	xpnf		tonj				0			
DL-RF-RB-LB	xpnh		tonk				0			
DL-RF-RB-FR	xpnj		tonp				0			
DL-RF-RB-LD	xpng		tonq				0			0
DL-RF-RB-BD	xpns		tonr				0			0
DL-RF-RB-RD	xpno		tons				0			
DL-RF-RB-DB	xpnw		tonu				0			
DL-RF-RB-DR	xpnv		tonv				0			
DL-RF-FR-UR	xpj		topc				0			0
DL-RF-FR-BU	xpj		topf				0			
DL-RF-FR-BL	xpj		topl				0			A
DL-RF-FR-RD	xpj		tops				0			0
DL-RF-LD-UL	xpgd		toqa				0			
DL-RF-LD-UB	xpga		toqb				0			
DL-RF-LD-DF	xpgu		toqd				0			
DL-RF-LD-LF	xpgf		toqj				0			
DL-RF-BD-UL	xpsd		tora				0			0
DL-RF-BD-UB	xpsa		torb				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-RF-BD-UR	xpsb	torc				0		0	
	DL-RF-BD-DF	xpsu	tord				0		A	
	DL-RF-BD-LU	xpse	tore				0		A	
	DL-RF-BD-BU	xpsq	torf				0			
	DL-RF-BD-RU	xpsm	torg	vksk etds jtjw	F R' S R' D' S' D S R S' R F'		12			
	DL-RF-BD-FL	xpsl	tori				0		P	
	DL-RF-BD-LF	xpsf	torj				0			
	DL-RF-BD-LB	xpsh	tork				0			
	DL-RF-BD-BL	xpsr	torl				0			
	DL-RF-BD-BR	xpst	torm				0			
	DL-RF-BD-RB	xpsn	torn				0		A	
	DL-RF-BD-FR	xpsj	torp				0		0	
	DL-RF-BD-LD	xpsg	torq				0		0	
	DL-RF-BD-RD	xps0	tors				0		0	
	DL-RF-BD-DR	xpsv	torv				0			
	DL-RF-RD-UL	xpod	tosa				0		A	
	DL-RF-RD-UB	xpoa	tosb				0		P	
	DL-RF-RD-UR	xpob	tosc	qktl vksj wpk	E' R' S' R2 F R' S R F' E R'		11		A	
	DL-RF-RD-DF	xpou	tasd				0		A	
	DL-RF-RD-LU	xpoe	tose				0		A	
	DL-RF-RD-BU	xpoq	tosf				0		P	
	DL-RF-RD-RU	xpom	tosg				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
DL-RF-RD-FU	xpoi	tosh					0			
DL-RF-RD-FL	xpol	tosi					0			
DL-RF-RD-LF	xpof	tosj					0			
DL-RF-RD-LB	xpoh	tosk					0			
DL-RF-RD-BL	xpor	tosl					0			
DL-RF-RD-BR	xpot	tosm					0			
DL-RF-RD-RB	xpon	tosn					0			
DL-RF-RD-BD	xpos	tosr					0			
DL-RF-RD-DB	xpow	tosu					0			
DL-RF-DB-UL	xpwd	toua					0			
DL-RF-DB-UB	xpwa	toub					0			
DL-RF-DB-UR	xpwb	touc					0		A	
DL-RF-DB-DF	xpwu	toud					0			
DL-RF-DB-LU	xpwe	toue					0			
DL-RF-DB-BU	xpwq	touf					0		P	
DL-RF-DB-RU	xpwm	toug					0		F	
DL-RF-DB-FL	xpwl	toui					0			
DL-RF-DB-LF	xpwf	touj					0			
DL-RF-DB-LB	xpwh	touk					0			
DL-RF-DB-BL	xpwr	toul					0		L	
DL-RF-DB-BR	xpwt	toum					0			
DL-RF-DB-RB	xpwn	toun					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		
DL-RF-DB-LD	xpwg	aaaa	touq				0			
DL-RF-DB-BD	xpws	aaaa	tour				0			A
DL-RF-DB-RD	xpwo	aaaa	tous				0			L
DL-RF-DB-DR	xpwv	aaaa	touv				0			
DL-RF-DR-UL	xpvd	aaaa	tova				0			O
DL-RF-DR-UB	xpva	aaaa	tovb				0			L
DL-RF-DR-UR	xpvb	aaaa	tovc				0			
DL-RF-DR-DF	xpvu	aaaa	tovd				0			
DL-RF-DR-LU	xpve	aaaa	tove				0			O
DL-RF-DR-BU	xpvq	aaaa	tovf				0			
DL-RF-DR-RU	xpvm	aaaa	tovg				0			
DL-RF-DR-FL	xpvl	aaaa	tovi				0			
DL-RF-DR-LF	xpvf	aaaa	tovj				0			
DL-RF-DR-LB	xpvh	aaaa	tovk				0			
DL-RF-DR-BL	xpvr	aaaa	tovl				0			
DL-RF-DR-BR	xpvt	aaaa	tovm				0			
DL-RF-DR-RB	xpvn	aaaa	tovn				0			
DL-RF-DR-BD	xpvs	aaaa	tovr				0			
DL-RF-DR-DB	xpvw	aaaa	tovu				0			
DL-FR-UL-UB	xjda	tpab					0			
DL-FR-UL-UR	xjdb	tpac					0			
DL-FR-UL-DF	xjdu	tpad					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
	DL-FR-UL-BU	xjdq	tpaf				0			
	DL-FR-UL-RU	xjdm	tpag				0			
	DL-FR-UL-FU	xjdi	tpah				0			A
	DL-FR-UL-FL	xjdl	tpai				0			
	DL-FR-UL-LF	xjdf	tpaj				0			
	DL-FR-UL-LB	xjdh	tpak	thex nvmv dgs	S' L' D' F2 M' F M F D L S		11			A
	DL-FR-UL-BL	xjdr	tpal				0			
	DL-FR-UL-BR	xjdt	tpam				0			
	DL-FR-UL-RB	xjdn	tpan				0			P
	DL-FR-UL-BD	xjds	tpar				0			
	DL-FR-UL-RD	xjdo	tpas				0			O
	DL-FR-UL-DB	xjdw	tpau				0			
	DL-FR-UL-DR	xjdv	tpav				0			
	DL-FR-UB-UL	xjad	tpba	jxns atmb xk	R F2 M' S U S' M U' F2 R'		10			A
	DL-FR-UB-UR	xjab	tpbc				0			
	DL-FR-UB-DF	xjau	tpbd				0			O
	DL-FR-UB-LU	xjae	tpbe				0			
	DL-FR-UB-RU	xjam	tpbg				0			
	DL-FR-UB-FL	xjal	tpbi				0			
	DL-FR-UB-LF	xjaf	tpbj				0			P
	DL-FR-UB-LB	xjah	tpbk				0			A
	DL-FR-UB-BL	xjar	tpbl				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		
DL-FR-UB-BR	xjat	tpbm					0			
DL-FR-UB-RB	xjan	tpbn					0			
DL-FR-UB-BD	xjas	tpbr					0		0	
DL-FR-UB-RD	xjao	tpbs					0		0	
DL-FR-UB-DB	xjaw	tpbu					0			
DL-FR-UB-DR	xjav	tpbv					0			
DL-FR-UR-UL	xjbd	tpca					0			
DL-FR-UR-UB	xjba	tpcb					0			
DL-FR-UR-DF	xjbu	tpcd					0		A	
DL-FR-UR-LU	xjbe	tpce					0			
DL-FR-UR-BU	xjbq	tpcf					0			
DL-FR-UR-FU	xjbi	tpch					0			
DL-FR-UR-FL	xjbl	tpci					0			
DL-FR-UR-LF	xjbf	tpcj					0			
DL-FR-UR-LB	xjbh	tpck					0			
DL-FR-UR-BL	xjbr	tpcl					0			
DL-FR-UR-BR	xjbt	tpcm					0			
DL-FR-UR-RB	xjbn	tpcn					0			
DL-FR-UR-BD	xjbs	tpcr					0			
DL-FR-UR-RD	xjbo	tpcs					0			
DL-FR-UR-DB	xjbw	tpcu					0			
DL-FR-UR-DR	xjbv	tpcv					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		
	DL-FR-DF-UL	xjud	tpda					0		
	DL-FR-DF-UR	xjub	tpdc					0		
	DL-FR-DF-RU	xjum	tpdg					0		
	DL-FR-DF-FL	xjul	tpdi					0		
	DL-FR-DF-BL	xjur	tpdl					0	0	
	DL-FR-DF-RF	xjup	tpdo					0		
	DL-FR-DF-BD	xjus	tpdr					0		
	DL-FR-DF-RD	xjuo	tpds					0		
	DL-FR-LU-UB	xjea	tpeb					0		
	DL-FR-LU-UR	xjeb	tpec					0		
	DL-FR-LU-DF	xjeu	tped					0		
	DL-FR-LU-BU	xjeq	tpef					0		
	DL-FR-LU-RU	xjem	tpeg	ajsbtcsatckb	U R S U' S' U2 S U S' U2 R' U'		12		A	
	DL-FR-LU-FL	xjel	tpei					0		
	DL-FR-LU-LF	xjef	tpej					0		
	DL-FR-LU-LB	xjeh	tpek					0		
	DL-FR-LU-RB	xjen	tpen					0		
	DL-FR-LU-RF	xjep	tpeo					0		
	DL-FR-LU-LD	xjeg	tpeq					0		
	DL-FR-LU-BD	xjes	tper					0		
	DL-FR-LU-RD	xjeo	tpes					0	0	
	DL-FR-LU-DR	xjev	tpev					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-FR-BU-UL	xjqd	tpfa				0			
	DL-FR-BU-UR	xjqb	tpfc				0			
	DL-FR-BU-LU	xjqe	tpfe				0			
	DL-FR-BU-RU	xjqm	tpfg				0			
	DL-FR-BU-LF	xjqf	tpfj	nvbu dses awm	M' F U' S2 D S D' S U F' M		11			
	DL-FR-BU-BL	xjqr	tpfl				0			
	DL-FR-BU-BR	xjqt	tpfm				0			F
	DL-FR-BU-RB	xjqn	tpfn				0			A
	DL-FR-BU-RF	xjqp	tpfo				0			
	DL-FR-BU-BD	xjqs	tpfr				0			
	DL-FR-BU-RD	xjqo	tpfs				0			
	DL-FR-BU-DB	xjqw	tpfu				0			
	DL-FR-RU-UL	xjmd	tpga				0			
	DL-FR-RU-UB	xjma	tpgb				0			
	DL-FR-RU-LU	xjme	tpge				0			
	DL-FR-RU-FL	xjml	tpgi				0			
	DL-FR-RU-LB	xjmh	tpgk				0			
	DL-FR-RU-BR	xjmt	tpgm	agrw qxqw hb	U L E2 F' E' F2 E' F' L' U'		10			O
	DL-FR-RU-RB	xjmn	tpgn				0			O
	DL-FR-RU-BD	xjms	tpgr				0			
	DL-FR-RU-RD	xjmo	tpgs				0			A
	DL-FR-RU-DB	xjmw	tpgu				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-FR-FU-UL	xjid	tpha				0		L	
	DL-FR-FU-UR	xjib	tphc				0			
	DL-FR-FU-LU	xjie	tphe				0			
	DL-FR-FU-BU	xjiq	tphf				0			
	DL-FR-FU-FL	xjil	tphi				0		A	
	DL-FR-FU-LB	xjih	tphk				0			
	DL-FR-FU-BR	xjit	tphm				0			
	DL-FR-FU-RF	xjip	tpho				0			
	DL-FR-FU-BD	xjis	tphr				0		A	
	DL-FR-FU-DR	xjiv	tphv				0			
	DL-FR-FL-UL	xjld	tpia				0			
	DL-FR-FL-UR	xjlb	tpic				0			
	DL-FR-FL-DF	xjlu	tpid				0			
	DL-FR-FL-LU	xjle	tpie	avmx nvhq iphb	U F M F2 M' F L' E' L2 E L' U'		12			
	DL-FR-FL-RU	xjlm	tpig				0			
	DL-FR-FL-FU	xjli	tpih				0		A	
	DL-FR-FL-LB	xjlh	tpik				0			
	DL-FR-FL-BL	xjlr	tpil				0			
	DL-FR-FL-BR	xjlt	tpim				0			
	DL-FR-FL-RB	xjln	tpin				0		A	
	DL-FR-FL-BD	xjls	tpir				0		O	
	DL-FR-FL-RD	xjlo	tpis				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
DL-FR-FL-DB	xjlw	tpiu					0			
DL-FR-FL-DR	xjlv	tpiv					0			
DL-FR-LF-UL	xjfd	tpja					0			
DL-FR-LF-UB	xjfa	tpjb					0			A
DL-FR-LF-UR	xjfb	tpjc					0			
DL-FR-LF-DF	xjfu	tpjd					0			P
DL-FR-LF-LU	xjfe	tpje					0			
DL-FR-LF-BU	xjfq	tpjf					0			
DL-FR-LF-RU	xjfm	tpjg					0			P
DL-FR-LF-FU	xjfi	tpjh					0			
DL-FR-LF-LB	xjfh	tpjk					0			L
DL-FR-LF-BL	xjfr	tpjl					0			O
DL-FR-LF-BR	xjft	tpjm					0			O
DL-FR-LF-RB	xjfn	tpjn					0			
DL-FR-LF-BD	xjfs	tpjr					0			O
DL-FR-LF-RD	xjfo	tpjs					0			
DL-FR-LF-DB	xjfw	tpju					0			O
DL-FR-LF-DR	xjfv	tpjv					0			P
DL-FR-LB-UL	xjhd	tpka					0			A
DL-FR-LB-LF	xjhf	tpkj					0			
DL-FR-LB-RD	xjho	tpks					0			
DL-FR-BL-UL	xjrd	tpla					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-FR-BL-UR	xjrb	tplc				0			
	DL-FR-BL-LU	xjre	tpl e				0			
	DL-FR-BL-BU	xjrq	tpl f				0			
	DL-FR-BL-RU	xjrm	tpl g				0		0	
	DL-FR-BL-FL	xjrl	tpl i				0			
	DL-FR-BL-LF	xjrf	tpl j				0			
	DL-FR-BL-BR	xjrt	tpl m				0			
	DL-FR-BL-RB	xjrn	tpl n				0			
	DL-FR-BL-RF	xjrp	tpl o				0			
	DL-FR-BL-LD	xjrg	tpl q				0			
	DL-FR-BL-BD	xjrs	tpl r				0			
	DL-FR-BL-RD	xjro	tpl s				0			
	DL-FR-BL-DR	xjrv	tpl v	faxh xf xh xb	D2 U F2 L' F2 D2 F2 L' F2 U'		10			F
	DL-FR-BR-UL	xjtd	tpma				0			
	DL-FR-BR-UB	xjta	tpmb				0			
	DL-FR-BR-LU	xjte	tpme				0			
	DL-FR-BR-BU	xjtq	tpmf				0			
	DL-FR-BR-FU	xjti	tpmh				0			
	DL-FR-BR-FL	xjtl	tpmi				0			
	DL-FR-BR-LF	xjtf	tpmj				0			
	DL-FR-BR-BL	xjtr	tpml				0			
	DL-FR-BR-BD	xjts	tpmr				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-FR-BR-DB	xjtw	tpmu				0			
	DL-FR-RB-UL	xjnd	tpna				0			
	DL-FR-RB-LU	xjne	tpne				0			
	DL-FR-RB-BU	xjnq	tpnf				0		A	
	DL-FR-RB-RU	xjnm	tpng				0			
	DL-FR-RB-FU	xjni	tpnh				0		O	
	DL-FR-RB-FL	xjnl	tpni				0		O	
	DL-FR-RB-LF	xjnf	tpnj				0			
	DL-FR-RB-LB	xjnh	tpnk	jasc ltkq kakp	R U S U2 R2 S' R' E' R' U R' E		12		A	
	DL-FR-RB-BL	xjnr	tpnl				0			
	DL-FR-RB-RD	xjno	tpns	eweb jpkf jqa	D' F' D' U' R E R' D2 R u		11			
	DL-FR-RB-DR	xjnv	tpnv				0			
	DL-FR-RF-BU	xjpq	tpof				0			
	DL-FR-LD-UB	xjga	tpqb				0			
	DL-FR-LD-DB	xjgw	tpqu				0			
	DL-FR-BD-UL	xjsd	tpra				0			
	DL-FR-BD-UR	xjsb	tprc				0			
	DL-FR-BD-DF	xjsu	tprd				0		L	
	DL-FR-BD-LU	xjse	tpre				0			
	DL-FR-BD-RU	xjsm	tprg				0		A	
	DL-FR-BD-FU	xjsi	tprh				0			
	DL-FR-BD-FL	xjsl	tpri				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
	DL-FR-BD-LF	xjsf	tprj				0			
	DL-FR-BD-LB	xjsh	tprk				0		A	
	DL-FR-BD-BL	xjsr	tprl				0		O	
	DL-FR-BD-BR	xjst	tprm				0			
	DL-FR-BD-RB	xjsn	tprn				0		A	
	DL-FR-BD-RF	xjsp	tpro				0			
	DL-FR-BD-RD	xjsn	tprs				0			
	DL-FR-BD-DR	xjsv	tprv				0			
	DL-FR-RD-UL	xjod	tpsa				0			
	DL-FR-RD-UB	xjoa	tpsb				0			
	DL-FR-RD-UR	xjob	tpsc	wkar hphb pjv	F' R' U E2 L E L' u' R F		11		O	
	DL-FR-RD-DF	xjou	tpsd				0			
	DL-FR-RD-LU	xjoe	tpse				0			
	DL-FR-RD-BU	xjoq	tpsf				0			
	DL-FR-RD-RU	xjom	tpsg				0			
	DL-FR-RD-FU	xjoi	tpsh				0			
	DL-FR-RD-FL	xjol	tpsi				0			
	DL-FR-RD-LF	xjof	tpsj				0			
	DL-FR-RD-LB	xjoh	tpsk				0			
	DL-FR-RD-BL	xjor	tpsl				0			
	DL-FR-RD-BR	xjot	tpsm				0			
	DL-FR-RD-RB	xjon	tpsn				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
	DL-FR-RD-RF	xjop	tpso				0			
	DL-FR-RD-BD	xjos	tpsr				0			
	DL-FR-RD-DB	xjow	tpsu				0			
	DL-FR-DB-UB	xjwa	tpub				0			
	DL-FR-DB-UR	xjwb	tpuc				0			
	DL-FR-DB-DF	xjwu	tpud				0			
	DL-FR-DB-LU	xjwe	tpue	avmw bnev nwdm	U F M F' U' M' D' F M' F' D M		12			
	DL-FR-DB-RU	xjwm	tpug				0			
	DL-FR-DB-FU	xjwi	tpuh				0			
	DL-FR-DB-FL	xjwl	tpui				0			
	DL-FR-DB-BL	xjwr	tpul	wfjp vqwk fv	F' D2 R E F E' F' R' D2 F		10			
	DL-FR-DB-BR	xjwt	tpum				0			
	DL-FR-DB-LD	xjwg	tpuq				0			
	DL-FR-DB-RD	xjwo	tpus				0			
	DL-FR-DB-DR	xjwv	tpuv				0			A
	DL-FR-DR-UL	xjvd	tpva				0			
	DL-FR-DR-UB	xjva	tpvb				0			
	DL-FR-DR-UR	xjvb	tpvc	jaju kaku jck	R U R S2 R' U R' S2 R U2 R'		11			
	DL-FR-DR-DF	xjvu	tpvd				0			L
	DL-FR-DR-LU	xjve	tpve				0			
	DL-FR-DR-RU	xjvm	tpvg				0			
	DL-FR-DR-FU	xjvi	tpvh				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		
DL-FR-DR-FL	xjvl		tpvi					0		
DL-FR-DR-LB	xjvh		tpvk					0		
DL-FR-DR-BL	xjvr		tpvl					0		
DL-FR-DR-BR	xjvt		tpvm					0		
DL-FR-DR-RB	xjvn		tpvn					0		C
DL-FR-DR-LD	xjvg		tpvq					0		
DL-FR-DR-BD	xjvs		tpvr					0		O
DL-FR-DR-DB	xjvw		tpvu					0		
DL-FR-FD-BR	xjkt		tpxm					0		
DL-LD-UL-DF	xgdu		tqad					0		
DL-LD-DF-BR	xgut		tqdm					0		L
DL-LD-BU-RD	xgqo		tqfs					0		A
DL-LD-LF-BU	xgfq		tqjf					0		L
DL-LD-BL-BR	xgrt		tqlm					0		
DL-LD-BR-LU	xgte		tqme					0		
DL-LD-FR-UR	xgjb		tqpc					0		A
DL-LD-RD-BU	xgoq		tqsf					0		
DL-LD-DR-BR	xgvt		tqvm					0		L
DL-BD-UL-UB	xsdः		trab					0		
DL-BD-UL-UR	xsdः		trac					0		
DL-BD-UL-DF	xsdः		trad					0		A
DL-BD-UL-BU	xsdः		traf					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
	DL-BD-UL-RU	xsdm	trag				0			
	DL-BD-UL-FU	xmdi	trah				0			
	DL-BD-UL-FL	xsdli	trai				0		A	
	DL-BD-UL-LF	xsdfl	traj				0		L	
	DL-BD-UL-LB	xsdhl	trak				0			
	DL-BD-UL-BL	xsdrl	tral				0			
	DL-BD-UL-BR	xsdtr	tram				0		O	
	DL-BD-UL-RB	xsdn	tran				0		A	
	DL-BD-UL-RF	xsdp	trao				0			
	DL-BD-UL-FR	xsdj	trap				0		O	
	DL-BD-UL-LD	xsdg	traq				0		A	
	DL-BD-UL-RD	xsdoo	tras	mend ites di	M D' M' D L2 S' D' S D L2		10		A	
	DL-BD-UL-DB	xsdw	trau				0			
	DL-BD-UL-DR	xsdv	trav				0		A	
	DL-BD-UB-UL	xsad	trba	sesa ubis idt	S D' S U S2 U' L2 S L2 D S'		11		O	
	DL-BD-UB-UR	xsab	trbc				0			
	DL-BD-UB-DF	xsau	trbd				0		A	
	DL-BD-UB-LU	xsae	trbe				0			
	DL-BD-UB-RU	xsam	trbg				0			
	DL-BD-UB-FU	xsai	trbh				0		A	
	DL-BD-UB-FL	xsal	trbi				0			
	DL-BD-UB-LF	xsaf	trbj				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
DL-BD-UB-LB	xsah	trbk					0		0	
DL-BD-UB-BL	xsar	trbl					0		L	
DL-BD-UB-BR	xsat	trbm					0			
DL-BD-UB-RF	xsap	trbo					0		0	
DL-BD-UB-FR	xsaj	trbp					0			
DL-BD-UB-LD	xsag	trbq					0			
DL-BD-UB-RD	xsao	trbs					0			
DL-BD-UB-DB	xsaw	trbu					0		A	
DL-BD-UB-DR	xsav	trbv					0			
DL-BD-UR-UL	xsbd	trca					0			
DL-BD-UR-UB	xsba	trcb					0			
DL-BD-UR-DF	xsbu	trcd					0			
DL-BD-UR-LU	xsbe	trce					0			
DL-BD-UR-FU	xsbi	trch					0		C	
DL-BD-UR-LF	xsbf	trcj					0			
DL-BD-UR-LB	xsbh	trck					0		O	
DL-BD-UR-BL	xsbr	trcl					0			
DL-BD-UR-BR	xsbt	trcm					0			
DL-BD-UR-RF	xsbp	trco					0			
DL-BD-UR-FR	xsbj	trcp					0			
DL-BD-UR-DR	xsbv	trcv					0			
DL-BD-DF-UL	xsud	trda					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		
	DL-BD-DF-UR	xsub	trdc					0		
	DL-BD-DF-LU	xsue	trde					0		
	DL-BD-DF-BU	xsuq	trdf					0		
	DL-BD-DF-LF	xsuf	trdj					0		
	DL-BD-DF-LB	xsuh	trdk					0		
	DL-BD-DF-BL	xsur	trdl					0		
	DL-BD-DF-BR	xsut	trdm					0		
	DL-BD-DF-RB	xsun	trdn					0		A
	DL-BD-DF-RF	xsup	trdo					0		
	DL-BD-DF-LD	xsug	trdq					0		
	DL-BD-DF-RD	xsuo	trds					0		
	DL-BD-LU-UB	xsea	treb					0		
	DL-BD-LU-UR	xseb	trec	nbsn bmat am	M' U' S M' U' M U S' U M		10			
	DL-BD-LU-BU	xseq	tref					0		
	DL-BD-LU-FU	xsei	treh					0		O
	DL-BD-LU-LB	xseh	trek					0		O
	DL-BD-LU-BL	xser	trel					0		
	DL-BD-LU-BR	xset	trem					0		
	DL-BD-LU-RB	xsen	tren					0		
	DL-BD-LU-RF	xsep	treo					0		O
	DL-BD-LU-FR	xsej	trep					0		
	DL-BD-LU-RD	xseo	tres					0		L

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
DL-BD-LU-DB	xsew		treu				0			
DL-BD-BU-UL	xsqd		trfa				0		A	
DL-BD-BU-UR	xsqb		trfc				0		O	
DL-BD-BU-DF	xsqu		trfd				0		O	
DL-BD-BU-LU	xsqe		trfe				0		F	
DL-BD-BU-RU	xsqm		trfg				0			
DL-BD-BU-FU	xsqi		trfh				0			
DL-BD-BU-FL	xsqj		trfi				0		A	
DL-BD-BU-LF	xsqf		trfj				0			
DL-BD-BU-LB	xsqh		trfk				0		A	
DL-BD-BU-BL	xsqr		trfl				0		O	
DL-BD-BU-BR	xsqt		trfm				0		O	
DL-BD-BU-RB	xsqn		trfn				0		O	
DL-BD-BU-RF	xsqp		trfo				0		O	
DL-BD-BU-FR	xsqj		trfp				0			
DL-BD-BU-RD	xsqo		trfs				0			
DL-BD-BU-DR	xsqv		trfv				0		O	
DL-BD-RU-UL	xsmd		trga				0			
DL-BD-RU-DF	xsmu		trgd				0		O	
DL-BD-RU-LU	xsme		trge				0			
DL-BD-RU-BU	xsmq		trgf				0			
DL-BD-RU-FU	xsmi		trgh				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-BD-RU-FL	xsmi	trgi				0		0	
	DL-BD-RU-LF	xsmf	trgj				0		C	
	DL-BD-RU-LB	xsmh	trgk	jdgw rvhv rwek	R D L F' E2 F L' F E2 F' D' R'		12			
	DL-BD-RU-BL	xsmr	trgl				0		P	
	DL-BD-RU-BR	xsmt	trgm				0			
	DL-BD-RU-RB	xsmn	trgn				0			
	DL-BD-RU-RF	xsmo	trgo				0			
	DL-BD-RU-FR	xsmj	trgp				0		0	
	DL-BD-RU-RD	xsmo	trgs				0		0	
	DL-BD-RU-DR	xsmv	trgv				0		0	
	DL-BD-FU-UL	xsid	trha				0			
	DL-BD-FU-UB	xsia	trhb				0		0	
	DL-BD-FU-UR	xsib	trhc				0		0	
	DL-BD-FU-LU	xsie	trhe				0		A	
	DL-BD-FU-BU	xsiq	trhf				0			
	DL-BD-FU-RU	xsim	trhg				0			
	DL-BD-FU-FL	xsil	trhi				0		L	
	DL-BD-FU-LF	xsif	trhj				0			
	DL-BD-FU-LB	xsih	trhk				0			
	DL-BD-FU-BL	xsir	trhl				0		0	
	DL-BD-FU-BR	xsit	trhm				0			
	DL-BD-FU-RF	xsip	trho				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
	DL-BD-FU-FR	xsij	trhp				0			
	DL-BD-FU-RD	xsio	trhs				0			
	DL-BD-FU-DR	xsiv	trhv				0			
	DL-BD-FL-UL	xslid	tria	tdxm kend jxes	S' D F2 r' D' M' D R F2 D' S		12		0	
	DL-BD-FL-UB	xsla	trib				0			
	DL-BD-FL-UR	xslb	tric				0		A	
	DL-BD-FL-DF	xslu	trid				0		A	
	DL-BD-FL-LU	xslsle	trie				0			
	DL-BD-FL-RU	xslm	trig				0			
	DL-BD-FL-FU	xslii	trih				0		L	
	DL-BD-FL-LB	xslh	trik				0		L	
	DL-BD-FL-BR	xslt	trim				0		O	
	DL-BD-FL-RB	xsln	trin				0		L	
	DL-BD-FL-RF	xslp	trio				0		O	
	DL-BD-FL-FR	xslj	trip	bhwcnbmbnvga	U' L' F' U2 M' U' M2 U' M' F L U		12		A	
	DL-BD-FL-RD	xsol	tris				0		P	
	DL-BD-FL-DR	xslv	triv				0		F	
	DL-BD-LF-UL	xsfid	trja				0			
	DL-BD-LF-UB	xsfai	trjb				0			
	DL-BD-LF-UR	xsfbi	trjc				0			
	DL-BD-LF-LU	xsfie	trje				0			
	DL-BD-LF-BU	xsfq	trjf				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
	DL-BD-LF-RU	xsfm	trjg				0			
	DL-BD-LF-BR	xsft	trjm				0			
	DL-BD-LF-RB	xsfn	trjn				0			
	DL-BD-LF-RD	xsfo	trjs				0			
	DL-BD-LF-DB	xsfw	trju				0		0	
	DL-BD-LF-DR	xsfv	trjv				0			
	DL-BD-LB-UL	xshd	trka				0		A	
	DL-BD-LB-UB	xsha	trkb				0			
	DL-BD-LB-UR	xshb	trkc				0			
	DL-BD-LB-DF	xshu	trkd				0			
	DL-BD-LB-LU	xshe	trke				0		0	
	DL-BD-LB-BU	xshq	trkf				0		0	
	DL-BD-LB-RU	xshm	trkg				0			
	DL-BD-LB-FU	xshi	trkh				0			
	DL-BD-LB-FL	xshl	trki				0		F	
	DL-BD-LB-LF	xshf	trkj				0			
	DL-BD-LB-BR	xsht	trkm				0			
	DL-BD-LB-RB	xshn	trkn				0			
	DL-BD-LB-RF	xshp	trko				0		0	
	DL-BD-LB-FR	xshj	trkp	ibwk nwmv jvai	L2 U' F' R' M' F' M F R F U L2		12		P	
	DL-BD-LB-RD	xsho	trks				0			
	DL-BD-LB-DR	xshv	trkv				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
	DL-BD-BL-UL	xsrd	trla				0			
	DL-BD-BL-UB	xsra	trlb				0			
	DL-BD-BL-UR	xsrh	trlc				0			
	DL-BD-BL-LU	xsre	trle	fbkv rvqx qjfa	D2 U' R' F E2 F E' F2 E' R D2 U		12			
	DL-BD-BL-BU	xsrq	trlf				0		0	
	DL-BD-BL-RU	xsrm	trlg				0			
	DL-BD-BL-FL	xsrh	trli				0			
	DL-BD-BL-BR	xsrt	trlm				0		0	
	DL-BD-BL-RB	xsrn	trln				0		A	
	DL-BD-BL-RF	xsrp	trlo				0		P	
	DL-BD-BL-FR	xsrj	trlp				0			
	DL-BD-BL-LD	xsgg	trlq				0			
	DL-BD-BL-RD	xsro	trls				0			
	DL-BD-BL-DB	xsrw	trlu				0			
	DL-BD-BL-DR	xsrV	trlv				0			
	DL-BD-BR-UL	xstd	trma				0		C	
	DL-BD-BR-UB	xsta	trmb				0		F	
	DL-BD-BR-LU	xste	trme				0			
	DL-BD-BR-BU	xstq	trmf				0			
	DL-BD-BR-RU	xstm	trmg				0			
	DL-BD-BR-FU	xsti	trmh				0			
	DL-BD-BR-FL	xstl	trmi				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		
DL-BD-BR-LF	xstf		trmj					0		
DL-BD-BR-FR	xstj		trmp					0		
DL-BD-BR-RD	xsto		trms					0		
DL-BD-RB-UL	xsnd		trna					0		
DL-BD-RB-UB	xsna		trnb					0		
DL-BD-RB-UR	xsnb		trnc					0		
DL-BD-RB-DF	xsnu		trnd					0		
DL-BD-RB-LU	xsne		trne					0		
DL-BD-RB-BU	xsnq		trnf					0		A
DL-BD-RB-FU	xsn i		trnh					0		
DL-BD-RB-FL	xsn l		trni					0		A
DL-BD-RB-LF	xsn f		trnj					0		A
DL-BD-RB-BL	xsn r		trnl					0		C
DL-BD-RB-RF	xsn p		trno					0		
DL-BD-RB-FR	xsn j		trnp					0		O
DL-BD-RB-RD	xsn o		trns					0		
DL-BD-RB-DB	xsn w		trnu					0		
DL-BD-RB-DR	xsn v		trnv					0		O
DL-BD-RF-UB	xspa		trob					0		A
DL-BD-RF-UR	xspb		troc					0		
DL-BD-RF-LU	xspe		troe					0		O
DL-BD-RF-BU	xspq		trof					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-BD-RF-RU	xspm	trog				0			
	DL-BD-RF-FL	xspl	troi				0		C	
	DL-BD-RF-LF	xspf	troj				0			
	DL-BD-RF-LB	xspf	trok				0			
	DL-BD-RF-BL	xspr	trol				0		L	
	DL-BD-RF-BR	xspt	trom				0			
	DL-BD-RF-RB	xspn	tron				0		O	
	DL-BD-RF-FR	xspj	trop				0			
	DL-BD-RF-RD	xspo	tros				0			
	DL-BD-RF-DB	xspw	trou				0			
	DL-BD-RF-DR	xspv	trov				0			
	DL-BD-FR-UL	xsjd	trpa				0		O	
	DL-BD-FR-UB	xsja	trpb				0			
	DL-BD-FR-UR	xsjb	trpc				0		O	
	DL-BD-FR-DF	xsju	trpd				0			
	DL-BD-FR-LU	xsje	trpe				0		O	
	DL-BD-FR-BU	xsjq	trpf	njsb tnan bnak	r S U' S' M' U M' U' M' U R'		12			
	DL-BD-FR-RU	xsjm	trpg				0			
	DL-BD-FR-FU	xsji	trph				0			
	DL-BD-FR-FL	xsjl	trpi				0			
	DL-BD-FR-LF	xsjf	trpj	kekv qnwm pjdj	R' D' R' F E' M' F' M E R D R		12			
	DL-BD-FR-LB	xsjh	trpk				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		
	DL-BD-FR-BL	xsjr	trpl					0		
	DL-BD-FR-BR	xsjt	trpm					0		
	DL-BD-FR-RD	xsgo	trps					0		0
	DL-BD-FR-DR	xsjv	trpv					0		
	DL-BD-LD-DF	xsgu	trqd					0		
	DL-BD-LD-BR	xsgt	trqm					0		
	DL-BD-LD-FR	xsgj	trqp					0		
	DL-BD-LD-RD	xsgo	trqs					0		
	DL-BD-RD-UL	xsod	trsa					0		
	DL-BD-RD-UB	xsoa	trsba					0		
	DL-BD-RD-UR	xsob	trsc	olat blam bmt	r2 U S' U' R2 U M U' M S'		11		0	
	DL-BD-RD-DF	xsou	trsd					0		
	DL-BD-RD-LU	xsoe	trse					0		
	DL-BD-RD-BU	xsoq	trsf					0		P
	DL-BD-RD-RU	xsom	trsg					0		
	DL-BD-RD-FU	xsoi	trsh					0		0
	DL-BD-RD-FL	xsol	trsi					0		
	DL-BD-RD-LF	xsof	trsj					0		
	DL-BD-RD-LB	xsoh	trsk					0		
	DL-BD-RD-BR	xsot	trsm					0		
	DL-BD-RD-RB	xson	trsn					0		
	DL-BD-DB-UR	xswb	truc					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	L-BD-DB-LU.	xswe.	true.				0		L	
	DL-BD-DB-RU	xswm	trug				0			
	DL-BD-DB-FU	xswi	truh				0			
	DL-BD-DB-LB	xswh	truk				0		L	
	DL-BD-DB-BR	xswt	trum				0		P	
	DL-BD-DB-FR	xswj	trup				0		P	
	DL-BD-DB-RD	xswo	trus				0		F	
	DL-BD-DB-DR	xswv	truv				0			
	DL-BD-DR-UR	xsvb	trvc				0			
	DL-BD-DR-BU	xsvq	trvf				0			
	DL-BD-DR-RU	xsvm	trvg				0			
	DL-BD-DR-FL	xsvl	trvi	bsvo bsma mwa	U' f M2 U' S M U M F' U		11			
	DL-BD-DR-LF	xsvf	trvj	ekvq nwmp jd	D' R' F E' M' F' M E R D		10			
	DL-BD-DR-LB	xsvh	trvk				0			
	DL-BD-DR-BR	xsvt	trvm				0			
	DL-BD-DR-RF	xsvp	trvo				0			
	DL-RD-UL-UB	xoda	tsab				0			
	DL-RD-UL-UR	xodb	tsac				0			
	DL-RD-UL-DF	xodu	tsad				0			
	DL-RD-UL-BU	xodq	tsaf				0			
	DL-RD-UL-RU	xodm	tsag				0			
	DL-RD-UL-FU	xodi	tsah				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		
	DL-RD-UL-FL	xodl	tsai					0		
	DL-RD-UL-LF	xodf	tsaj					0		
	DL-RD-UL-LB	xodh	tsak					0		0
	DL-RD-UL-BL	xodr	tsal					0		A
	DL-RD-UL-BR	xodt	tsam					0		
	DL-RD-UL-RB	xodn	tsan					0		
	DL-RD-UL-FR	xodj	tsap					0		
	DL-RD-UL-BD	xods	tsar					0		
	DL-RD-UL-DB	xodw	tsau					0		
	DL-RD-UL-DR	xodv	tsav					0		
	DL-RD-UB-UL	xoad	tsba	csem and ta	U2 S D' M U M' D S' U			9		
	DL-RD-UB-UR	xoab	tsbc					0		
	DL-RD-UB-LU	xoae	tsbe					0		A
	DL-RD-UB-RU	xoam	tsbg					0		
	DL-RD-UB-FU	xoai	tsbh					0		
	DL-RD-UB-FL	xoal	tsbi					0		
	DL-RD-UB-LF	xoaf	tsbj					0		
	DL-RD-UB-LB	xoah	tsbk					0		
	DL-RD-UB-BL	xoar	tsbl					0		
	DL-RD-UB-RB	xoan	tsbn					0		
	DL-RD-UB-RF	xoap	tsbo					0		0
	DL-RD-UB-FR	xoaj	tsbp					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		
DL-RD-UB-BD	xoas		tsbr					0		
DL-RD-UB-DB	xoaw		tsbu					0		
DL-RD-UR-UL	xobd		tsc a					0		
DL-RD-UR-UB	xoba		tsc b					0		
DL-RD-UR-DF	xobu		tsc d					0		
DL-RD-UR-LU	xobe		tsc e					0		
DL-RD-UR-BU	xobq		tsc f					0		
DL-RD-UR-FU	xobi		tsc h					0		
DL-RD-UR-FL	xobl		tsc i					0		
DL-RD-UR-LB	xobh		tsc k					0		
DL-RD-UR-BL	xobr		tsc l					0		
DL-RD-UR-BR	xobt		tsc m					0		A
DL-RD-UR-RB	xobn		tsc n					0		
DL-RD-UR-RF	xobp		tsc o					0		O
DL-RD-UR-FR	xobj		tsc p					0		
DL-RD-UR-BD	xobs		tsc r					0		
DL-RD-UR-DB	xobw		tsc u					0		
DL-RD-DF-UL	xoud		tsda					0		
DL-RD-DF-LU	xoue		tsde					0		
DL-RD-DF-BU	xouq		tsdf					0		
DL-RD-DF-FL	xoul		tsdi					0		
DL-RD-DF-LF	xouf		tsdj					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
DL-RD-DF-BR	xout		tsdm				0			0
DL-RD-DF-RB	xoun		tsdn				0			0
DL-RD-DF-RF	xoup		tsdo				0			0
DL-RD-DF-LD	xoug		tsdq				0			0
DL-RD-DF-BD	xous		tsdr				0			0
DL-RD-DF-DB	xouw		tsdu				0			0
DL-RD-LU-UB	xoea		tseb				0			0
DL-RD-LU-UR	xoeb		tsec				0			A
DL-RD-LU-BU	xoeq		tsef				0			0
DL-RD-LU-RU	xoem		tseg				0			0
DL-RD-LU-FU	xoei		tseh				0			0
DL-RD-LU-FL	xoel		tsei				0			0
DL-RD-LU-LF	xoef		tsej				0			0
DL-RD-LU-LB	xoeh		tsek				0			0
DL-RD-LU-BL	xoer		tsel				0			0
DL-RD-LU-BR	xoet		tsem				0			0
DL-RD-LU-RB	xoen		tsen				0			0
DL-RD-LU-RF	xoep		tseo				0			0
DL-RD-LU-FR	xoej		tsep				0			0
DL-RD-LU-BD	xoes		tser				0			0
DL-RD-LU-DR	xoev		tsev				0			0
DL-RD-BU-UL	xoqd		tsfa				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
	DL-RD-BU-UR	xoqb	tsfc				0			
	DL-RD-BU-DF	xoqu	tsfd				0			
	DL-RD-BU-LU	xoqe	tsfe				0			
	DL-RD-BU-RU	xoqm	tsfg				0			
	DL-RD-BU-FL	xoql	tsfi				0			
	DL-RD-BU-LF	xoqf	tsfj				0			
	DL-RD-BU-LB	xoqh	tsfk				0		A	
	DL-RD-BU-BL	xoqr	tsfl				0			
	DL-RD-BU-BR	xoqt	tsfm				0			
	DL-RD-BU-RB	xoqn	tsfn				0			
	DL-RD-BU-RF	xoqp	tsfo				0			
	DL-RD-BU-FR	xoqj	tsfp				0			
	DL-RD-BU-BD	xoqs	tsfr				0			
	DL-RD-BU-DB	xoqw	tsfu				0		A	
	DL-RD-RU-UL	xomd	tsga				0			
	DL-RD-RU-UB	xoma	tsgb				0			
	DL-RD-RU-LU	xome	tsgc				0			
	DL-RD-RU-BU	xomq	tsgf				0		P	
	DL-RD-RU-FU	xomi	tsgh				0		O	
	DL-RD-RU-LF	xomf	tsgj				0			
	DL-RD-RU-LB	xomh	tsgk	tjk sjql plwk	S' R F R' S R E' R2 E R2 F' R'		12		A	
	DL-RD-RU-BL	xomr	tsgl				0		P	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		A
	DL-RD-RU-BR	xomt	tsgm					0		
	DL-RD-RU-RB	xomn	tsgn					0		O
	DL-RD-RU-RF	xomp	tsgo					0		
	DL-RD-RU-BD	xoms	tsgr					0		O
	DL-RD-RU-DB	xomw	tsgu					0		
	DL-RD-FU-UL	xoid	tsha					0		P
	DL-RD-FU-UR	xoib	tshc					0		
	DL-RD-FU-LU	xoie	tshe					0		
	DL-RD-FU-RU	xoim	tshg					0		
	DL-RD-FU-LF	xoif	tshj					0		
	DL-RD-FU-BL	xoir	tshl					0		
	DL-RD-FU-BR	xoit	tshm					0		
	DL-RD-FU-DB	xoiw	tshu					0		
	DL-RD-FL-UB	xola	tsib					0		
	DL-RD-FL-UR	xolb	tsic					0		
	DL-RD-FL-BU	xolq	tsif					0		
	DL-RD-FL-RU	xolm	tsig					0		
	DL-RD-FL-FU	xoli	tsih					0		
	DL-RD-FL-LB	xolh	tsik					0		
	DL-RD-FL-BL	xolr	tsil					0		
	DL-RD-FL-BR	xolt	tsim					0		O
	DL-RD-FL-RB	xoln	tsin	xejs dtek dx	F2 D' R S D S' D' R' D F2			10		A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-RD-FL-FR	xolj	tsip				0			
	DL-RD-FL-BD	xols	tsir				0			
	DL-RD-LF-UL	xofd	tsja				0			
	DL-RD-LF-UB	xofa	tsjb				0			
	DL-RD-LF-DF	xofu	tsjd				0			
	DL-RD-LF-BU	xofq	tsjf				0			
	DL-RD-LF-RU	xofm	tsjg				0			
	DL-RD-LF-LB	xofh	tsjk				0			
	DL-RD-LF-BL	xofr	tsjl				0			
	DL-RD-LF-BR	xoft	tsjm				0			
	DL-RD-LF-BD	xofs	tsjr	vbve sdwt aw	F U' F D' S D f U F'		10		O	
	DL-RD-LB-UL	xohd	tska				0			
	DL-RD-LB-UB	xoha	tskb				0			
	DL-RD-LB-UR	xohb	tskc				0			
	DL-RD-LB-DF	xohu	tskd				0			
	DL-RD-LB-LU	xohe	tske				0			
	DL-RD-LB-BU	xohq	tskf				0			
	DL-RD-LB-RU	xohm	tskg				0			
	DL-RD-LB-FL	xohl	tski				0			
	DL-RD-LB-LF	xohf	tskj				0			
	DL-RD-LB-BR	xoht	tskm				0			
	DL-RD-LB-RB	xohn	tskn				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
	DL-RD-LB-RF	xohp	tsko				0			
	DL-RD-LB-FR	xohj	tskp				0			
	DL-RD-LB-BD	xohs	tskr				0		0	
	DL-RD-LB-DB	xohw	tsku				0			
	DL-RD-BL-UL	xord	tsla				0		0	
	DL-RD-BL-UB	xora	tslb				0			
	DL-RD-BL-UR	xorb	tslc				0		L	
	DL-RD-BL-DF	xoru	tsld				0		A	
	DL-RD-BL-LU	xore	tsle				0		0	
	DL-RD-BL-BU	xorq	tslf				0			
	DL-RD-BL-RU	xorm	tslg				0		0	
	DL-RD-BL-FU	xori	tslh				0			
	DL-RD-BL-FL	xorl	tsli				0			
	DL-RD-BL-LF	xorf	tslj	nbhs gtam	M' U' L' S L S' U M		8		A	
	DL-RD-BL-BR	xort	tslm				0			
	DL-RD-BL-RB	xorn	tsln				0			
	DL-RD-BL-FR	xorj	tslp				0			
	DL-RD-BL-LD	xorg	tslq				0			
	DL-RD-BL-BD	xors	tslr	nbvh sgwt am	M' U' F L' S L f U M		10			
	DL-RD-BL-DB	xorw	tslu				0			
	DL-RD-BR-UL	xotd	tsma				0			
	DL-RD-BR-UB	xota	tsmb				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
	DL-RD-BR-UR	xotb	tsmc				0			0
	DL-RD-BR-LU	xote	tsme				0			A
	DL-RD-BR-BU	xotq	tsmf				0			0
	DL-RD-BR-RU	xotm	tsmg				0			0
	DL-RD-BR-FL	xotl	tsmi				0			0
	DL-RD-BR-LF	xotf	tsmj				0			
	DL-RD-BR-BL	xotr	tsml	wshs rgxu kriw	F' S L' S E2 L f2 R' E2 R F'		12			
	DL-RD-BR-RF	xotp	tsmo				0			0
	DL-RD-BR-FR	xotj	tsmp				0			
	DL-RD-BR-DB	xotw	tsmu				0			
	DL-RD-RB-UL	xond	tsna	whsg thpg qv	F' L' S L S' L' E L E' F		10			
	DL-RD-RB-UR	xonb	tsnc				0			
	DL-RD-RB-DF	xonu	tsnd				0			A
	DL-RD-RB-LU	xone	tsne				0			0
	DL-RD-RB-BU	xonq	tsnf				0			
	DL-RD-RB-FU	xoni	tsnh				0			
	DL-RD-RB-FL	xonl	tsni				0			
	DL-RD-RB-LF	xonf	tsnj				0			
	DL-RD-RB-LB	xonh	tsnk				0			0
	DL-RD-RB-BL	xonr	tsnl				0			
	DL-RD-RB-RF	xonp	tsno				0			0
	DL-RD-RB-FR	xonj	tsnp				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		
DL-RD-RB-BD	xons		tsnr					0		
DL-RD-RB-DB	xonw		tsnu					0		
DL-RD-RF-UL	xopd		tsoa					0		
DL-RD-RF-UB	xopa		tsob					0		
DL-RD-RF-UR	xopb		tsoc					0		
DL-RD-RF-DF	xopu		tsod					0		
DL-RD-RF-LU	xope		tsoe					0		
DL-RD-RF-BU	xopq		tsof					0		
DL-RD-RF-RU	xopm		tsog					0		
DL-RD-RF-FL	xopl		tsoi					0		
DL-RD-RF-LF	xopf		tsoj					0		
DL-RD-RF-LB	xoph		tsok					0		A
DL-RD-RF-BL	xopr		tsol					0		
DL-RD-RF-BR	xopt		tsom					0		
DL-RD-RF-RB	xopn		tson					0		
DL-RD-RF-FR	xopj		tsop					0		
DL-RD-RF-BD	xops		tsor					0		
DL-RD-RF-DB	xopw		tsou					0		
DL-RD-FR-UL	xojd		tspa					0		A
DL-RD-FR-UB	xoja		tspb					0		
DL-RD-FR-UR	xobj		tspc					0		O
DL-RD-FR-DF	xaju		tspd					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		
	DL-RD-FR-LU	xoje	tspe					0		
	DL-RD-FR-BU	xojq	tspf					0		
	DL-RD-FR-RU	xojm	tspg					0		
	DL-RD-FR-FL	xojl	tspi					0		
	DL-RD-FR-LF	xojf	tspj					0		
	DL-RD-FR-LB	xojh	tspk					0		
	DL-RD-FR-BL	xojr	tspl					0		
	DL-RD-FR-BR	xojt	tspm					0		
	DL-RD-FR-RB	xojn	tspn					0		
	DL-RD-FR-BD	xojs	tspr					0		
	DL-RD-FR-DB	xojw	tspu					0		
	DL-RD-LD-UB	xoga	tsqb					0		
	DL-RD-LD-UR	xogb	tsqc					0		A
	DL-RD-LD-BL	xogr	tsql					0		
	DL-RD-LD-FR	xogj	tsqp					0		
	DL-RD-LD-BD	xogs	tsqr					0		
	DL-RD-BD-UB	xosa	tsrb					0		
	DL-RD-BD-LU	xose	tsre					0		
	DL-RD-BD-BU	xosq	tsrf					0		A
	DL-RD-BD-RU	xosm	tsrg					0		
	DL-RD-BD-FU	xosi	tsrh					0		
	DL-RD-BD-LB	xosh	tsrk					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-RD-BD-RF	xosp	tsro				0			
	DL-RD-BD-FR	xosj	tsrp				0			
	DL-RD-BD-DR	xosv	tsrv				0			
	DL-RD-DB-UL	xowd	tsua				0			
	DL-RD-DB-UB	xowa	tsub				0		0	
	DL-RD-DB-UR	xowb	tsuc				0			
	DL-RD-DB-DF	xowu	tsud				0			
	DL-RD-DB-LU	xowe	tsue				0			
	DL-RD-DB-BU	xowq	tsuf				0			
	DL-RD-DB-RU	xowm	tsug				0			
	DL-RD-DB-FU	xowi	tsuh				0			
	DL-RD-DB-FL	xowl	tsui				0			
	DL-RD-DB-LF	xowf	tsuj				0			
	DL-RD-DB-LB	xowh	tsuk				0		0	
	DL-RD-DB-BL	xowr	tsul	wudt hsge vu	F' S2 D S' L' S L D' F S2		10			
	DL-RD-DB-BR	xowt	tsum				0		0	
	DL-RD-DB-RB	xown	tsun	uakb manj bu	S2 U R' U' M U r U' S2		10		0	
	DL-RD-DB-RF	xowp	tsuo				0			
	DL-RD-DB-LD	xowg	tsuq				0			
	DL-RD-DB-BD	xows	tsur				0			
	DL-RD-DR-UL	xovd	tsva				0			
	DL-RD-DR-UB	xova	tsvb				0		L	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		O
	DL-RD-DR-BD	xovs	tsvr				0			
	DL-DB-UL-UR	xwdb	tuac				0			A
	DL-DB-UL-DF	xwdw	tuad				0			
	DL-DB-UL-BU	xwdq	tuaf				0			
	DL-DB-UL-LF	xwdf	tuaj				0			
	DL-DB-UL-LB	xwdh	tuak				0			O
	DL-DB-UL-BL	xwdr	tual				0			A
	DL-DB-UL-BR	xwdt	tuam				0			A
	DL-DB-UL-RB	xwdn	tuan				0			L
	DL-DB-UL-RF	xwdp	tuao				0			
	DL-DB-UL-RD	xwdo	tuas				0			A
	DL-DB-UB-UL	xwad	tuba	cmsa tna		U2 M S U S' M' U	7			
	DL-DB-UB-UR	xwab	tubc				0			
	DL-DB-UB-LU	xwae	tube				0			O
	DL-DB-UB-RU	xwam	tubg				0			O
	DL-DB-UB-FU	xwai	tubh				0			O
	DL-DB-UB-LB	xwah	tubk				0			
	DL-DB-UB-BL	xwar	tubl				0			
	DL-DB-UB-BR	xwat	tubm				0			
	DL-DB-UB-RB	xwan	tubn				0			
	DL-DB-UB-RF	xwap	tubo				0			O
	DL-DB-UB-FR	xwaj	tubp				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		
DL-DB-UB-BD	xwas		tubr				0			
DL-DB-UB-RD	xwao		tubs				0		0	
DL-DB-UB-DR	xwav		tubv				0			
DL-DB-UR-UL	xwbd		tuca				0			
DL-DB-UR-UB	xwba		tucb				0			
DL-DB-UR-DF	xwbu		tucd				0			
DL-DB-UR-LU	xwbe		tuce				0		L	
DL-DB-UR-BU	xwbq		tucf				0			
DL-DB-UR-FU	xwbi		tuch				0			
DL-DB-UR-FL	xwbl		tuci				0			
DL-DB-UR-LF	xwbf		tucj				0			
DL-DB-UR-LB	xwbh		tuck				0			
DL-DB-UR-BL	xwbr		tucl				0			
DL-DB-UR-BR	xwbt		tucm				0			
DL-DB-UR-RB	xwbn		tucn				0			
DL-DB-UR-RF	xwbp		tuco				0			
DL-DB-UR-FR	xwbj		tucp				0			
DL-DB-UR-RD	xwbo		tucs				0			
DL-DB-UR-DR	xwbv		tucv				0			
DL-DB-DF-UL	xwud		tuda				0			
DL-DB-DF-UB	xwua		tudb				0			
DL-DB-DF-UR	xwub		tudc				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		
DL-DB-DF-LU	xwue		tude				0			
DL-DB-DF-BU	xwuq		tudf				0			
DL-DB-DF-RU	xwum		tudg				0			
DL-DB-DF-FL	xwul		tudi				0			
DL-DB-DF-LF	xwuf		tudj				0			
DL-DB-DF-LB	xwuh		tudk				0			
DL-DB-DF-BL	xwur		tndl				0			
DL-DB-DF-BR	xwut		tudm				0			
DL-DB-DF-RB	xwun		tudn				0			
DL-DB-DF-RF	xwup		tudo				0			
DL-DB-DF-FR	xwuj		tudp				0			
DL-DB-DF-RD	xwuo		tuds				0			
DL-DB-DF-DR	xwuv		tudv				0			
DL-DB-LU-UR	xweb		tuec				0			
DL-DB-LU-BU	xweq		tuef				0			
DL-DB-LU-RU	xwem		tueg				0			
DL-DB-LU-FL	xwel		tuei				0			
DL-DB-LU-LB	xweh		tuek				0			
DL-DB-LU-BL	xwer		tuel				0			
DL-DB-LU-BR	xwet		tuem				0			
DL-DB-LU-RF	xwep		tueo				0			A
DL-DB-LU-FR	xwej		tuep				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
	DL-DB-LU-RD	xweo	tues				0			A
	DL-DB-LU-DR	xwew	tuev				0			
	DL-DB-BU-UL	xwqd	tufa				0			A
	DL-DB-BU-UR	xwqb	tufc				0			
	DL-DB-BU-DF	xwqu	tufd				0			O
	DL-DB-BU-RU	xwqm	tufg				0			
	DL-DB-BU-FL	xwql	tufi				0			O
	DL-DB-BU-LF	xwqf	tufj				0			
	DL-DB-BU-LB	xwqh	tufk				0			A
	DL-DB-BU-RB	xwqn	tufn				0			
	DL-DB-BU-FR	xwqj	tufp				0			O
	DL-DB-BU-BD	xwqs	tufr				0			F
	DL-DB-BU-RD	xwqo	tufs				0			A
	DL-DB-BU-DR	xwqv	tufv	asge gthd hb	U S L D' L S' L' D L' U'		10			O
	DL-DB-RU-UL	xwmn	tuga				0			
	DL-DB-RU-DF	xwmu	tugd				0			A
	DL-DB-RU-LU	xwme	tuge				0			
	DL-DB-RU-BU	xwmq	tugf				0			P
	DL-DB-RU-FL	xwml	tugi				0			
	DL-DB-RU-LF	xwmf	tugj				0			
	DL-DB-RU-LB	xwmh	tugk				0			P
	DL-DB-RU-BL	xwmr	tugl				0			P

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
DL-DB-RU-BR	xwmt		tugm				0			
DL-DB-RU-RF	xwmp		tugo				0			A
DL-DB-RU-FR	xwmj		tugp				0			
DL-DB-RU-RD	xwmo		tugs				0			A
DL-DB-FU-UL	xwid		tuha				0			A
DL-DB-FU-UB	xwia		tuhb				0			O
DL-DB-FU-UR	xwib		tuhc				0			
DL-DB-FU-LU	xwie		tuhe				0			
DL-DB-FU-BU	xwiq		tuhf				0			
DL-DB-FU-FL	xwil		tuhi				0			
DL-DB-FU-FR	xwij		tuhp				0			
DL-DB-FU-RD	xwio		tuhs				0			
DL-DB-FL-UL	xwld		tua				0			
DL-DB-FL-UR	xwlb		tuic				0			
DL-DB-FL-DF	xwlu		tuid				0			
DL-DB-FL-LU	xwle		tuie				0			O
DL-DB-FL-RU	xwlm		tuig				0			
DL-DB-FL-FU	xwli		tuih				0			
DL-DB-FL-BL	xwlr		tuil				0			
DL-DB-FL-BR	xwit		tuim				0			A
DL-DB-FL-FR	xwlj		tuip				0			
DL-DB-FL-LD	xwlq		tuiq				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		
DL-DB-FL-RD	xwlo		tuis				0			
DL-DB-LF-UL	xwfd		tuja				0			A
DL-DB-LF-UB	xwfa		tujb				0			A
DL-DB-LF-UR	xwfb		tujc				0			
DL-DB-LF-DF	xwfu		tujd				0			
DL-DB-LF-LU	xwfe		tuje				0			
DL-DB-LF-BU	xwfq		tujf				0			A
DL-DB-LF-RU	xwfm		tujg				0			
DL-DB-LF-LB	xwfh		tujk				0			
DL-DB-LF-BL	xwfr		tujl				0			
DL-DB-LF-BR	xwft		tujm				0			
DL-DB-LF-RB	xwfn		tujn				0			
DL-DB-LF-RF	xwfp		tujo				0			
DL-DB-LF-FR	xwfj		tujp				0			A
DL-DB-LF-LD	xwfg		tujq				0			P
DL-DB-LF-BD	xwfs		tujr				0			
DL-DB-LF-RD	xwfo		tuj s				0			
DL-DB-LF-DR	xwfv		tujv				0			
DL-DB-LB-UL	xwhd		tuka				0			P
DL-DB-LB-UB	xwha		tukb				0			
DL-DB-LB-UR	xwhb		tukc				0			
DL-DB-LB-DF	xwhu		tukd				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-DB-LB-LU	xwhe	tuke				0			
	DL-DB-LB-BU	xwhq	tukf	teho dneg nds	S' D' L' M2 D M' D' L M' D S		11			
	DL-DB-LB-RU	xwhm	tukg				0			
	DL-DB-LB-FL	xwhl	tuki				0			A
	DL-DB-LB-LF	xwhf	tukj				0			
	DL-DB-LB-BR	xwht	tukm				0			
	DL-DB-LB-RB	xwhn	tukn				0			
	DL-DB-LB-RF	xwhp	tuko				0			L
	DL-DB-LB-FR	xwhj	tukp				0			P
	DL-DB-LB-RD	xwho	tuks				0			
	DL-DB-LB-DR	xwhv	tukv				0			O
	DL-DB-BL-UL	xwrd	tula				0			
	DL-DB-BL-UB	xwra	tulb	bubm ckvr wnj	U' S2 U' M U2 R' F E2 F' r		11			
	DL-DB-BL-UR	xwrb	tulc				0			
	DL-DB-BL-DF	xwru	tuld				0			
	DL-DB-BL-LU	xwre	tule				0			
	DL-DB-BL-BU	xwrq	tulf	mavg thsw anc	M U F L S' L' S F' U M' U2		11			
	DL-DB-BL-FL	xwrl	tuli	rvks dtej wr	E2 F R' S D S' D' R F' E2		10			
	DL-DB-BL-LF	xwrf	tulj	cmag tgsi bnc	U2 M U L S' L S L2 U' M' U2		11			A
	DL-DB-BL-BR	xwrt	tulm	fvjp jpkr kwf	D2 F R E R E R' E2 R' F' D2		11			
	DL-DB-BL-RB	xwrn	tuln	rvke mdnj wr	E2 F R' D' M D r F' E2		10			
	DL-DB-BL-RF	xwrp	tulo	kbhw dset vga	R' U' L' F' D S D' S' F L U R		12			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-DB-BL-FR	xwrfj	tulp	vfg dtes hfwf	F D2 F L D S' D' S L' F' D2 F'		12		0	
	DL-DB-BL-RD	xwro	tuls	vhwm endv gw	F L' F' M D' M' D F L F'		10		0	
	DL-DB-BL-DR	xwrv	tulv	bsdt hsdt egae	U' S D S' L' S D S' D' L U D'		12		0	
	DL-DB-BR-UL	xwtjd	tuma	jetm dnsk	R D' S' M D M' S R'		8			
	DL-DB-BR-UB	xwta	tumb	kixa oanc xnji	R' L2 F2 U M2 U M' U2 F2 r L2		12		0	
	DL-DB-BR-UR	xwtbj	tumc				0			
	DL-DB-BR-DF	xwtu	tumd				0		0	
	DL-DB-BR-LU	xwte	tume	njdt dsdn dok	r D S' D S D M' D M2 R'		11		0	
	DL-DB-BR-BU	xwtq	tumf	jema tdsb nk	R D' M U S' D S U' M' R'		10			
	DL-DB-BR-FU	xwti	tumh				0		P	
	DL-DB-BR-FL	xwtl	tumi	mwjs dtne hagk	M F' R S D S' M' D' L' U L R'		12		P	
	DL-DB-BR-LF	xwtf	tumj	lvke mdge nhk	R2 F R' D' M D L D' I' R'		11		F	
	DL-DB-BR-BL	xwtr	tuml				0			
	DL-DB-BR-RF	xwtp	tumo				0			
	DL-DB-BR-LD	xwtg	tumq				0			
	DL-DB-BR-RD	xwto	tums	jetj uhvg uksk	R D' S' R S2 L' F L S2 R' S R'		12		P	
	DL-DB-BR-DR	xwtv	tumv	lvak emdg wen hk	R2 F U R' D' M D L F' D' I' R'		13		A	
	DL-DB-RB-UL	xwnd	tuna	qkem tdsn jp	E' R' D' M S' D S r E		10		0	
	DL-DB-RB-UB	xwna	tunb	dncm dwqx pwcf	D M' U2 M D F' E' F2 E F' U2 D2		12		0	
	DL-DB-RB-UR	xwnb	tunc				0		L	
	DL-DB-RB-DF	xwnu	tund				0		A	
	DL-DB-RB-LU	xwne	tune	vksj djtk ew	F R' S R D R S' R' D' F'		10		A	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-DB-RB-BU	xwnq	tunf	vbks jdjt kaew	F' U' R' S R D R S' R' U D' F'		12			P
	DL-DB-RB-RU	xwnm	tung				0			A
	DL-DB-RB-FU	xwni	tunh				0			
	DL-DB-RB-FL	xwnl	tuni	vaks jdjt kbew	F U R' S R D R S' R' U' D' F'		12			A
	DL-DB-RB-LF	xwnf	tunj	qkeo dnjw npv	E' R' D' M2 D r F' M' E F		11			
	DL-DB-RB-LB	xwnh	tunk	qvks dtej wp	E' F R' S D S' D' R F' E		10		O	
	DL-DB-RB-BL	xwnr	tunl	swpd gqhe tv	S F' d L E' L' D' S' F		10		C	
	DL-DB-RB-RD	xwno	tuns	bphw dset vgqa	u' L' F' D S D' S' F L u		12		C	
	DL-DB-RB-DR	xwnv	tunv	smka nsbt jt	S r' U M' S U' S' R S'		10			
	DL-DB-RF-UL	xwpd	tuoa	pjem tdsn kq	E R D' M S' D S M' R' E'		10			
	DL-DB-RF-UB	xwpa	tuob				0			
	DL-DB-RF-UR	xwpb	tuoc				0			A
	DL-DB-RF-DF	xwpu	tuod				0			
	DL-DB-RF-LU	xwpe	tuoe	sgwh tojc mbmk	S L F' L' S' M2 R U2 M U' r'		12			
	DL-DB-RF-BU	xwpq	tuof				0			
	DL-DB-RF-RU	xwpm	tuog				0			
	DL-DB-RF-FL	xwpl	tuoi				0			
	DL-DB-RF-LB	xwph	tuok				0			F
	DL-DB-RF-BL	xwpr	tuol				0			F
	DL-DB-RF-BR	xwpt	tuom				0			
	DL-DB-RF-FR	xwpj	tuop				0			
	DL-DB-RF-LD	xwpg	tuoq				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-DB-RF-RD	xwpo	tuos				0			
	DL-DB-FR-UL	xwjdf	tupa	kemt dsnj	R' D' M S' D S r		8			
	DL-DB-FR-UB	xwjaf	tupb				0			
	DL-DB-FR-UR	xwjbf	tupc				0		0	
	DL-DB-FR-DF	xwjuf	tupd				0			
	DL-DB-FR-LU	xwjef	tupe	gvni wmvvi wh	L F M' L2 F' M F L2 F' L'		10			
	DL-DB-FR-BU	xwjqf	tupf	nhwm vmvn wg	I' F' M F M F M' F' L		10			
	DL-DB-FR-RU	xwjmf	tupg				0		0	
	DL-DB-FR-FU	xwjif	tuph				0			
	DL-DB-FR-FL	xwjlf	tupi	keod hent dsn jg	R' D' M2 D L' D' M' S' D S r L		13			
	DL-DB-FR-LF	xwjff	tupj	vkem dnjw	F R' D' M D r F'		8			
	DL-DB-FR-LB	xwjhf	tupk				0		0	
	DL-DB-FR-BL	xwjrf	tupl				0		L	
	DL-DB-FR-BR	xwjtf	tupm	vksd tejw	F R' S D S' D' R F'		8			
	DL-DB-FR-RB	xwjnf	tupn	kejs hrvr gt	R' D' R S L' E2 F E2 L S'		10			
	DL-DB-FR-RD	xwjof	tups				0		0	
	DL-DB-FR-DR	xwjvf	tupv				0			
	DL-DB-LD-FU	xwgif	tuqh				0			
	DL-DB-LD-FL	xwgfl	tuqi				0			
	DL-DB-LD-RD	xwgof	tuqs				0			
	DL-DB-BD-UR	xwsbf	turc				0			
	DL-DB-BD-DF	xwsuf	turd				0		L	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		0
	DL-DB-BD-BU	xwsq	turf				0			0
	DL-DB-BD-FL	xwsl	turi				0			0
	DL-DB-BD-LF	xwsf	turj				0			0
	DL-DB-BD-LB	xwsh	turk				0		C	
	DL-DB-BD-RB	xwsn	turn				0		A	
	DL-DB-RD-UL	xwod	tusa				0		A	
	DL-DB-RD-UR	xwob	tusc				0			
	DL-DB-RD-DF	xwou	tusd				0		F	
	DL-DB-RD-BU	xwoq	tusf				0			
	DL-DB-RD-RU	xwom	tusg				0			
	DL-DB-RD-FU	xwoi	tush				0		O	
	DL-DB-RD-FL	xwol	tusi				0			
	DL-DB-RD-LF	xwof	tusj				0			
	DL-DB-RD-LB	xwoh	tusk				0		O	
	DL-DB-RD-BR	xwot	tusm				0			
	DL-DB-RD-RB	xwon	tusn				0		A	
	DL-DB-RD-RF	xwop	tuso				0			
	DL-DB-RD-FR	xwoj	tusp				0			
	DL-DB-DR-UL	xwvd	tuva	etmd ns	D' S' M D M' S		6		P	
	DL-DB-DR-UB	xwva	tuvb	xlsn dmte lx	F2 R2 S M' D M S' D' R2 F2		10			
	DL-DB-DR-UR	xwvb	tuvc	emct dscn	D' M U2 S' D S U2 M'		8			
	DL-DB-DR-DF	xwvu	tuvd	nfmd odo	M' D2 M D M2 D M2		7			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-DB-DR-LU	xwve	tuve	ndtd sdn do	M' D S' D S D M' D M2		9			
	DL-DB-DR-BU	xwvq	tuvf	emat dsbn	D' M U S' D S U' M'		8			
	DL-DB-DR-RU	xwvm	tuvg	nesd tendo	M' D' S D S' D' M' D M2		9			
	DL-DB-DR-FU	xwwi	tuvh				0			
	DL-DB-DR-FL	xwvl	tuvj	ehtm dnse gd	D' L' S' M D M' S D' L D		10			
	DL-DB-DR-LF	xwvf	tuvj	jvke mdge nh	R F R' D' M D L D' I'		10			
	DL-DB-DR-LB	xwvh	tuvk	hawe tds v bg	L' U F' D' S' D f U' L		10			
	DL-DB-DR-BL	xwvr	tuvl	ejpv qnwm kd	D' R E F E' M' F' r' D		10		C	
	DL-DB-DR-BR	xwvt	tuvm	etjs hvgt ks	D' S' R S L' F L S' R' S		10			
	DL-DB-DR-RB	xwvn	tuvn	ethr jvkr gs	D' S' L' E2 R F R' E2 L S		10		0	
	DL-DB-DR-FR	xwvj	tuvp				0			
	DL-DB-FD-BU	xwkq	tuxf	samb mao bt	S U M U' M U M2 U' S'		9			
	DL-DR-UL-UB	xvda	tvab				0			
	DL-DR-UL-UR	xvdb	tvac				0			
	DL-DR-UL-DF	xvdu	tvad				0			
	DL-DR-UL-RU	xvdm	tvag				0			
	DL-DR-UL-FL	xvdI	tvai				0			
	DL-DR-UL-RB	xvdn	tvan				0			
	DL-DR-UB-UL	xvad	tvba	ibua isl sl	L2 U' S2 U L2 S R2 S R2		9			
	DL-DR-UB-UR	xvab	tvbc				0			
	DL-DR-UB-DF	xvau	tvbd				0		C	
	DL-DR-UB-LU	xvae	tvbe				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
	DL-DR-UB-FU	xvai	tvbh				0			
	DL-DR-UB-FL	xval	tvbi				0			
	DL-DR-UB-LF	xvaf	tvbj				0			
	DL-DR-UB-LB	xvah	tvbk				0		A	
	DL-DR-UB-BL	xvar	tvbl				0		C	
	DL-DR-UB-BR	xvat	tvbm				0			
	DL-DR-UB-RB	xvan	tvbn				0			
	DL-DR-UR-DF	xvbu	tvcd				0			
	DL-DR-UR-FL	xvbl	tvci				0		A	
	DL-DR-UR-LF	xvbf	tvcj				0			
	DL-DR-UR-BR	xvbt	tvcm	scsb jsls jb	S U2 S U' R S R2 S R U'		10			
	DL-DR-UR-RB	xvbn	tvcn				0			
	DL-DR-UR-RF	xvbp	tvco	lewq xpwd tls	R2 D' F' E' F2 E F' D S' R2 S		11			
	DL-DR-UR-FR	xvbj	tvcp				0			
	DL-DR-UR-DB	xvbw	tvcu				0			
	DL-DR-DF-UL	xvud	tvda				0			
	DL-DR-DF-LU	xvue	tvde				0			
	DL-DR-DF-FL	xvul	tvdi				0		C	
	DL-DR-DF-LF	xvuf	tvdj				0			
	DL-DR-DF-LB	xvuh	tvdk				0			
	DL-DR-DF-BL	xvur	tvdl				0			
	DL-DR-DF-BR	xvut	tvdm				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		
DL-DR-DF-RF	xvup		tvdo				0			
DL-DR-DF-FR	xvuj		tvdp				0			
DL-DR-LU-DF	xveu		tved				0			P
DL-DR-LU-RU	xvem		tveg				0			
DL-DR-LU-FU	xvei		tveh				0			
DL-DR-LU-LF	xvef		tvej				0			
DL-DR-LU-LB	xveh		tvek				0			A
DL-DR-LU-BL	xver		tvel				0			
DL-DR-LU-BD	xves		tver				0			
DL-DR-BU-UL	xvqd		tvfa				0			O
DL-DR-BU-UR	xvqb		tvfc				0			
DL-DR-BU-DF	xvqu		tvfd				0			
DL-DR-BU-LU	xvqe		tvfe				0			F
DL-DR-BU-RU	xvqm		tvfg				0			
DL-DR-BU-FU	xvqi		tvfh				0			
DL-DR-BU-FL	xvql		tvfi				0			
DL-DR-BU-LF	xvqf		tvfj				0			
DL-DR-BU-LB	xvqh		tvfk				0			
DL-DR-BU-BL	xvqr		tvfl				0			
DL-DR-BU-BR	xvqt		tvfm				0			
DL-DR-BU-RB	xvqn		tvfn				0			A
DL-DR-BU-FR	xvqj		tvfp				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		
DL-DR-BU-RD	xvqo		tvfs					0		
DL-DR-RU-UL	xvmd		tvga					0		
DL-DR-RU-UB	xvma		tvgb					0		
DL-DR-RU-DF	xvmu		tvgd					0		
DL-DR-RU-LU	xvme		tvge					0		
DL-DR-RU-BU	xvmq		tvgf					0		
DL-DR-RU-FU	xvmi		tvgh					0		
DL-DR-RU-LB	xvmh		tvgk					0		
DL-DR-RU-BL	xvmr		tvgl					0		
DL-DR-RU-RF	xvmp		tvgo					0		
DL-DR-RU-FR	xvmj		tvgp					0		
DL-DR-RU-BD	xvms		tvgr					0		
DL-DR-RU-DB	xvmw		tvgu					0		
DL-DR-FU-UB	xvia		tvhb					0		
DL-DR-FU-UR	xvib		tvhc					0		
DL-DR-FU-LU	xvie		tvhe					0		
DL-DR-FU-RU	xvim		tvhg					0		
DL-DR-FU-BL	xvir		tvhl					0		0
DL-DR-FU-BR	xvit		tvhm					0		
DL-DR-FL-DF	xvlu		tvid					0		
DL-DR-FL-LU	xvle		tvie					0		
DL-DR-FL-RU	xvlm		tvig					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
	DL-DR-FL-LB	xvlh	tvik				0			
	DL-DR-FL-BL	xvlr	tvil				0			
	DL-DR-FL-BR	xvlt	tvim				0			
	DL-DR-FL-RB	xvln	tvin	asfk tkpk qkfb	U S D2 R' S' R' E R' E' R' D2 U'		12		0	
	DL-DR-FL-FR	xvlj	tvip				0			
	DL-DR-FL-BD	xvls	tvir				0			
	DL-DR-FL-RD	xvlo	tvis				0			
	DL-DR-LF-UB	xvfa	tvjb				0			
	DL-DR-LF-DF	xvfu	tvjd				0			
	DL-DR-LF-FU	xvfi	tvjh				0			
	DL-DR-LF-LB	xvfh	tvjk				0			
	DL-DR-LF-BR	xvft	tvjm				0			
	DL-DR-LF-RB	xvfn	tvjn				0			
	DL-DR-LF-RD	xvfo	tvjs				0			
	DL-DR-LF-DB	xvfw	tvju				0			
	DL-DR-LB-UL	xvhd	tvka				0			
	DL-DR-LB-UB	xvha	tvkb				0			
	DL-DR-LB-UR	xvhb	tvkc				0			
	DL-DR-LB-DF	xvhu	tvkd				0			P
	DL-DR-LB-LU	xvhe	tvke				0			
	DL-DR-LB-BU	xvhq	tvkf				0			
	DL-DR-LB-RU	xvhm	tvkg				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		
DL-DR-LB-FU	xvhi		tvkh					0		
DL-DR-LB-FL	xvhf		tvki					0		
DL-DR-LB-LF	xvhf		tvkj					0		
DL-DR-LB-BR	xvht		tvkm					0		
DL-DR-LB-RB	xvhn		tvkn					0		
DL-DR-LB-RF	xvhp		tvko					0		
DL-DR-LB-FR	xvhj		tvkp					0		
DL-DR-LB-BD	xvhs		tvkr					0		
DL-DR-LB-DB	xvhw		tvku					0		
DL-DR-BL-UB	xvra		tvlb					0		
DL-DR-BL-UR	xvrb		tvlc					0		O
DL-DR-BL-DF	xvru		tvld					0		
DL-DR-BL-LU	xvre		tvle					0		
DL-DR-BL-BU	xvrq		tvlf					0		
DL-DR-BL-RU	xvrm		tvlg					0		A
DL-DR-BL-FU	xvri		tvlh					0		
DL-DR-BL-FL	xvrl		tvli					0		
DL-DR-BL-LF	xvrf		tvlj					0		O
DL-DR-BL-BR	xvrt		tvlm					0		O
DL-DR-BL-RB	xvrn		tvln					0		A
DL-DR-BL-RF	xvrp		tvlo					0		
DL-DR-BL-FR	xvrj		tvlp					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-DR-BL-BD	xvrs	tvlr				0			
	DL-DR-BR-UL	xvtd	tvma				0			
	DL-DR-BR-DF	xvtu	tvmd				0			
	DL-DR-BR-LU	xvte	tvme				0			
	DL-DR-BR-RU	xvtm	tvmg				0			
	DL-DR-BR-FU	xvti	tvmh				0			
	DL-DR-BR-LF	xvtf	tvmj				0		0	
	DL-DR-BR-BL	xvtr	tvml				0			
	DL-DR-BR-RF	xvtp	tvmo				0			
	DL-DR-BR-BD	xvts	tvmr	jbsw etmd nvak	R U' S F' D' S' M D M' F U R'		12			
	DL-DR-BR-DB	xvtw	tvmu				0			
	DL-DR-RB-UL	xvnd	tvna				0			
	DL-DR-RB-UB	xvna	tvnb				0			
	DL-DR-RB-UR	xvnb	tvnc				0			
	DL-DR-RB-DF	xvnu	tvnd				0			
	DL-DR-RB-BU	xvnq	tvnf				0			
	DL-DR-RB-RU	xvnm	tvng				0			
	DL-DR-RB-FL	xvn1	tvni				0			
	DL-DR-RB-LF	xvnf	tvnj				0			
	DL-DR-RB-LB	xvhn	tvnk				0			
	DL-DR-RB-RF	xvnp	tvno	bltk s1tj sa	U' R2 S' R' S R2 S' R S U		10			
	DL-DR-RB-BD	xvns	tvnr				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		
	DL-DR-RB-DB	xvnw	tvnu					0		
	DL-DR-RF-UB	xvpa	tvob	wdoe veod	F' D M2 D' F D' M2 D			8		
	DL-DR-RF-UR	xvpb	tvoc					0		
	DL-DR-RF-DF	xvpu	tvod					0		
	DL-DR-RF-BU	xvpq	tvof					0		
	DL-DR-RF-RU	xvpm	tvog					0		
	DL-DR-RF-FL	xvpl	tvoi					0		
	DL-DR-RF-LB	xvph	tvok					0	0	
	DL-DR-RF-BL	xvpr	tvol					0		
	DL-DR-RF-BR	xvpt	tvom					0		
	DL-DR-RF-RB	xvpn	tvon					0		
	DL-DR-RF-DB	xvpw	tvou					0		
	DL-DR-FR-UL	xvjd	tvpa					0	0	
	DL-DR-FR-UB	xvja	tvpb					0		C
	DL-DR-FR-UR	xvjb	tvpc					0	0	
	DL-DR-FR-DF	xvju	tvpd					0		
	DL-DR-FR-LU	xvje	tvpe					0		
	DL-DR-FR-BU	xvjq	tvpf	bsej etdk da	U' S D' R D' S' D R' D U			10		
	DL-DR-FR-RU	xvjm	tvpg	sbka tbkt lsa	S U' R' U S' U' R' S' R2 S U			11	0	
	DL-DR-FR-FL	xvjl	tvpi					0		
	DL-DR-FR-LF	xvjf	tvpj					0		
	DL-DR-FR-LB	xvjh	tvpk					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		
	DL-DR-FR-BL	xvjr	tvpl					0		
	DL-DR-FR-BD	xvjs	tvpr					0		
	DL-DR-FR-DB	xvjw	tvpu					0		
	DL-DR-LD-UB	xvga	tvqb					0		
	DL-DR-LD-LU	xvge	tvqe					0		
	DL-DR-LD-LF	xvgf	tvqj					0		
	DL-DR-BD-UL	xvsd	tvra					0		
	DL-DR-BD-UR	xvsb	tvrc					0		
	DL-DR-BD-RU	xvsm	tvrg					0		
	DL-DR-BD-FU	xysi	tvrh					0		
	DL-DR-BD-FL	xysi	tvri					0		
	DL-DR-BD-LF	xvsf	tvrij					0		
	DL-DR-BD-LB	xvsh	tvrk					0		
	DL-DR-BD-BL	xvsr	tvrl					0		
	DL-DR-BD-BR	xvst	tvrm					0		L
	DL-DR-BD-RB	xvsn	tvrn	ejhv krjv krge	D' R L' F R' E2 R F R' E2 L D'			12		
	DL-DR-BD-RF	xvsp	tvro					0		
	DL-DR-BD-FR	xvsj	tvrp					0		
	DL-DR-BD-RD	xvso	tvrs					0		
	DL-DR-RD-RF	xvop	tvso					0		
	DL-DR-RD-BD	xvos	tvsr					0		
	DL-DR-DB-UL	xvwu	tvua					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	DL-DR-DB-UB	xvwa	tvub				0			
	DL-DR-DB-UR	xvwb	tvuc				0		0	
	DL-DR-DB-LU	xvwe	tvue				0			
	DL-DR-DB-RU	xvwm	tvug				0			
	DL-DR-DB-FL	xvwI	tvui	asit gboa gbo	U S L2 S' L U' M2 U L U' M2		11			
	DL-DR-DB-LF	xvwf	tvuj				0			
	DL-DR-DB-LB	xvwh	tvuk				0			
	DL-DR-DB-BL	xvwr	tvul				0			
	DL-DR-DB-BR	xvwt	tvum				0			
	DL-DR-DB-RF	xwp	tvuo				0			
	DL-DR-DB-FR	xwj	tvup				0			
	DL-FD-UL-RD	xkdo	txas				0		C	
	DL-FD-LU-RB	xken	txen				0			
	DL-FD-LU-RD	xkeo	txes				0		0	
	DL-FD-BU-LU	xkqe	txfe	snam bnam bt	S M' U M U' M' U M U' S'		10			
	DL-FD-RU-RF	xkmp	txgo	vham vnwb gw	F L' U M F M' F' U' L F'		10			