

Complete table to convert standard speedcubing.com and bigcubes.com notation to speedcubing.ch notation. For the 3x3 I added u, f, r, b, l and d because it's very commonly used. Fields with !! are not featured in the standard notations but in speedcubing.ch notation.

4x4	-	2	'	5x5	-	2	'
U	7	77	8	U	7	77	8
u	7-	7-7-	8-	u	7-	7-7-	8-
(Uu)	7+	7+7+	8+	(Uu)	7+	7+7+	8+
F	5	55	6	F	5	55	6
f	5-	5-5-	6-	f	5-	5-5-	6-
(Ff)	5+	5+5+	6+	(Ff)	5+	5+5+	6+
R	1	11	2	R	1	11	2
r	1-	1-1-	2-	r	1-	1-1-	2-
(Rr)	1+	1+1+	2+	(Rr)	1+	1+1+	2+
B	9	99	0	B	9	99	0
b	9-	9-9-	0-	b	9-	9-9-	0-
(Bb)	9+	9+9+	0+	(Bb)	9+	9+9+	0+
L	3	33	4	L	3	33	4
l	3-	3-3-	4-	l	3-	3-3-	4-
(Ll)	3+	3+3+	4+	(Ll)	3+	3+3+	4+
D	x	xx	y	D	x	xx	y
d	x-	x-x-	y-	d	x-	x-x-	y-
(Dd)	x+	x+x+	y+	(Dd)	x+	x+x+	y+
M	3-	3-3-	4-	M	3--	3--3--	4--
E	x-	x-x-	y-	E	x--	x--x--	y--
S	5-	5-5-	6-	S	5--	5--5--	6--
rl' !!	1/	1/1/	2/	rMI' !!	1/	1/1/	2/
ud' !!	7/	7/7/	8/	uEd' !!	7/	7/7/	8/
fb' !!	5/	5/5/	6/	fSb' !!	5/	5/5/	6/
x	1*	1*1*	2*	x	1*	1*1*	2*
y	7*	7*7*	8*	y	7*	7*7*	8*
z	5*	5*5*	6*	z	5*	5*5*	6*

3x3	-	2	'				
U	7	77	8				
u	7+	7+7+	8+				
F	5	55	6				
f	5+	5-5+	6+				
R	1	11	2				
r	1+	1+1+	2+				
B	9	99	0				
b	9+	9+9+	0+				
L	3	33	4				
l	3+	3+3+	4+				
D	x	xx	y				
d	x+	x+x+	y+				
M	1-	1-1-	2-				
E	x-	x-x-	y-				
S	5-	5-5-	6-				
x	1*	1*1*	2*				
y	7*	7*7*	8*				
z	5*	5*5*	6*				