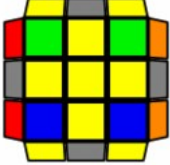
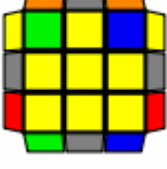
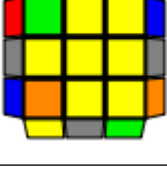
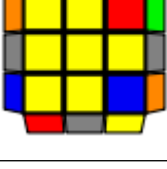
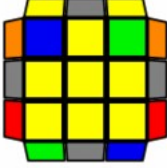
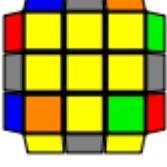
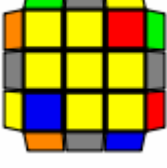
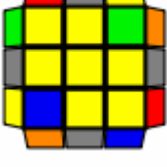
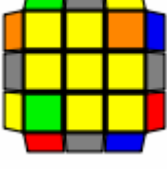


NaCl's Corners and Orientation Last Layer

Case	公式	时间
H1 	F (RUR'U')*3 F' (U'RU'2)(L'UR'U')(RU'2)(LUL'UM')	1.0s 1.2s
H2 	(RU'2R'U')(RUR'U')(RU'R')	0.7s
H3 	F(RU'R'U)(RU'2R'U')(RUR'U')F'	1.0
H4 	(<u>RUR'U</u>)(RU)L' U R'U' r	0.9s
Pi1 	(<u>RU'2</u>)(<u>R'2 U'</u>)(<u>R2 U'</u>)R'U'2R)	0.8s
Pi2 	R(UD')(RUR'D)(R2U'R'U')(R2U'2R)	1.4s
Pi3 	(L'U)(RU')(LU')(R'U')(RU'R')	1.0s
Pi4 	(<u>RU'U'</u>)(<u>R'U'R'U'R'</u>)U rUR'U'r'FRF'	1.4s

 Pi5	$(RU'U')(R'U')(RUR'U'^2)(L'URU')LR'$ $(\textcolor{blue}{LU}^2)\textcolor{blue}{x}'(\textcolor{red}{L'U'L'U}')(\textcolor{red}{RUR}')U'^2(\textcolor{red}{LU}')$	1.3s 2s
 Pi6	$(R'U'^2)(RU)(R'UR'U'^2)(LU'R'U)M$	1.3s
 T1	$(RU'^2)(R'UR'U'R'^2)U'^2(RUR'U)R$	1.2s
 T2	$(R'UR^2)D(r'U^2r)D'R'^2U'R$	1.3s
 T3	$F(RUR'U')(RU'R'U')(RUR')F'$	1.2s
 T4	$(RU'^2)(R'UR'U'R')U \text{ } RU'L'UR'U'L$ $\textcolor{red}{U}^2 \textcolor{red}{L}' \textcolor{red}{U} \textcolor{red}{R}' \textcolor{red}{U'R} \textcolor{red}{L} \textcolor{red}{U}'^2 \textcolor{red}{R'U'R}$	1.3s 1.1s
 T5	$(r \text{ } U \text{ } R' \text{ } U')(r' \text{ } F \text{ } R \text{ } F')$	0.7s
 T6	$(R'F') \text{ } r \text{ } U(RU'R'F)$ $\textcolor{blue}{y}\textcolor{blue}{x}' \textcolor{red}{R} \textcolor{red}{U} \textcolor{red}{R}' \textcolor{red}{D} \textcolor{red}{R} \textcolor{red}{U}' \textcolor{red}{R}' \textcolor{red}{D}'$	0.7s 0.6s

U1		$(R'U'RU')(RU^2)(R^2UR'U)(RU'^2R')$	1.2s
U2		$(R'U'^2R)FU'(R'U'RU)F'$	1.3s
U3		$F(RU'R'U)(RUR'U)(RU'R')F'$	1.1s
U4		$R' FRU'R'U'RUR'F'RUR'U'R'FRF' R$ $RU'R'URU' \times U'R'DR'D'R'UR^2$	1.3s 1.8s
U5		$R'^2D'(RU'^2R')D(RU'^2R)$	1.0s
U6		$R^2 D (R'U^2R)D'(R'U'^2R')$	0.9s
L1		$(RUR'U)(RU'R'U)(RU'R'U)(RU'^2R')$ $y'(R'U'RU')(R'URU')(R'URU')(R'U'^2R)$	1.1s 0.9s
L2		$F'(rUR'U')r' F R$	0.7s

L3		$F R' F' (r U R U') r'$	0.7s
L4		$(R' U' 2 R') D' (R U' 2 R') D R^2$	1.0s
L5		$(R U' 2 R) D (R' U' 2 R) D' R^2$	1.0s
L6		$R' U' (R' F') (R U R' U') (R' F R^2) U'$ $z (R D') (R^2 U R' U' R^2) U D R' U'$	0.8s 1.2s

S1		$(R U R' U) (R U' 2 R')$	0.6s
S2		$(R U R' U) (R U' R) D (R' U' R) D' R^2$ 不推荐用于速拧	1.3s
S3		$(R U R' U) R^2 D (r' U^2 r) D' R'^2$ 不推荐用于速拧	1.4s

S4		$(RUR'U)(L'URU')L U'2R'$ 不推荐用于速拧	1.3s
S5		$R U' L' U R' U' L$	0.8s
S6		$L' (RUR'U')(LU'2)(RU'2R')$	1.1s
AS1		$(RU'U')(R'U')(RU'R')$	0.6s
AS2		$(R'U'RU')(R'UR')D'(RUR')D R^2$ 不推荐用于速拧	1.4s
AS3		$(RU'2)(R'U'2)(L'URU')M'$ 不推荐用于速拧	1.2s
AS4		$(RU'2L'U)(R'U'LU')(RU'R')$ 不推荐用于速拧	1.3s

 AS5	$L' U R U' L U R'$	0.9s
 AS6	$R(L'U'LU)R' U'^2L'U'^2L$ $L(R'U'RU)L'U'^2R'U'^2R$	1.3s 1.2s

[以上公式所耗时间仅供参考，谢谢合作](#)

红色为多解手法 AS-PREM S-PREM 由于效率问题，大部分不推荐速拧

NaCl 出品

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