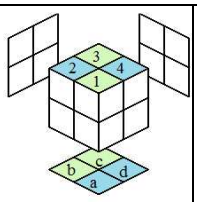
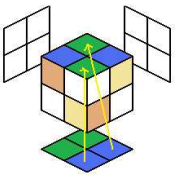
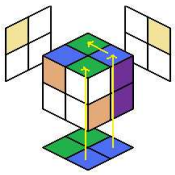
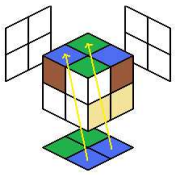
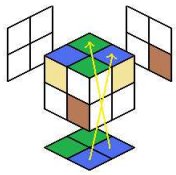
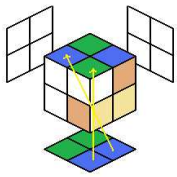
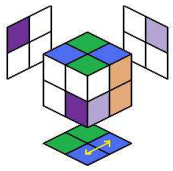
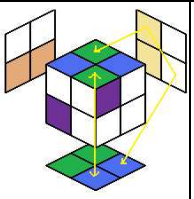
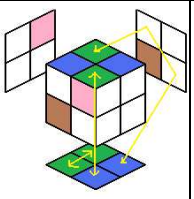
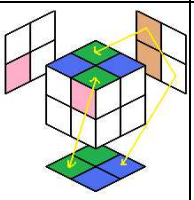
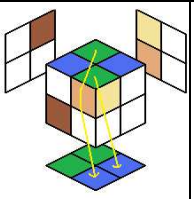
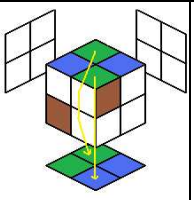
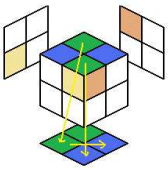
There are 18 cases for the 2nd group. All “36” are listed, but doing a U2 will half the number of cases. Look at the color codes to find your case. Start by “bottom” layer color, in this case green/ left column. Then the color case for top layer/ top row in chart.

	 a-1 & d-3	 a-1 & d-4-”3”	 a-2 & d-3	 a-4 & d-3	 a-1 & d-2	 2-4 & a-d
 1-a & 3-d	R'U'FU2F2R2FUR (9,12) 1-a, 3-d, a-1, d-3	y’UR2U'R2UR2UF2 (8,12)	U'R2U'R2UF2U'F2UF2 (10,15)	F2UR2U'F2U'R2 (7,11)	RU'F2RFR'FU2F (9,11)	R2U'R2U'R2 (5,8)
 1-a & 3-d & **b-c**	R2F2RU'RF2R'UR (9,12)	y’R'UR'F2RF'R'U (8,9)	F2U2R2U'R2U'R2 (7,12)	UFR'FR2F'UF (8,9)	U'R2U2F2U'F2UR2 (8,13)	U'R2UR2UF2R2 (7,11)
 3-d & **1-b-”a”**	R2F2U'RF'UF2U'FR (10,13)	R2UR2F2U'R2 (6,10)	U2F'U'FR2F'RF (8,10)	R2F2R'UR'F2RF'R' (9,12)	R2U2R2U'F2UF2 (7,12) U2R2UF2UF2 (6,10)	RU'FU'F2RFU'F (9,10)
 **1-d** & **3-a** ”**1-3**”	U2R2U'R2U'R2 (6,10)					
 1-a & **3-c-”d”**						
 **1-c, 3-b, b-d** & **c-a**	R2U'R2U'F2R2 (6,10)					RFU2FU2FR'U2R' (9,12)

By Henrik Buus Aagaard