

Lapping factors	Friction torque $j = 1$	Rotational speed $j = 2$	Abrasive particulate size $j = 3$	Number of round trips $j = 4$	\overline{Ra}_{Rk} (μm) $\overline{Ra}_{R0} = 0.705$
1	1 (1–1.5 N × m)	1 (10 rpm)	1 (600 mesh)	1 (6 times)	1.133
2	1 (1–1.5 N × m)	2 (30 rpm)	2 (800 mesh)	2 (12 times)	1.355
3	1 (1–1.5 N × m)	3 (50 rpm)	3 (1000 mesh)	3 (18 times)	1.190
4	2 (2–2.5 N × m)	1 (10 rpm)	2 (800 mesh)	3 (18 times)	3.138
5	2 (2–2.5 N × m)	2 (30 rpm)	3 (1000 mesh)	1 (6 times)	1.061
6	2 (2–2.5 N × m)	3 (50 rpm)	1 (600 mesh)	2 (12 times)	2.387
7	3 (3–3.5 N × m)	1 (10 rpm)	3 (1000 mesh)	2 (12 times)	3.364
8	3 (3–3.5 N × m)	2 (30 rpm)	1 (600 mesh)	3 (18 times)	3.182
9	3 (3–3.5 N × m)	3 (50 rpm)	2 (800 mesh)	1 (6 times)	2.808
\overline{K}_{1j}	1.226	2.545	2.234	1.667	
\overline{K}_{2j}	2.195	1.866	2.434	2.369	
\overline{K}_{3j}	3.118	2.128	1.872	2.503	
R_j	1.892	0.679	0.562	0.836	