

Lapping factors	Friction torque $j = 1$	Rotational speed $j = 2$	Abrasive particulate size $j = 3$	Number of round trips $j = 4$	\overline{RS}_{Lk} (MPa) $\overline{RS}_{L0} = -188.4$
1	1 (1–1.5 N × m)	1 (10 rpm)	1 (600 mesh)	1 (6 times)	–285.5
2	1 (1–1.5 N × m)	2 (30 rpm)	2 (800 mesh)	2 (12 times)	–272.8
3	1 (1–1.5 N × m)	3 (50 rpm)	3 (1000 mesh)	3 (18 times)	–242.7
4	2 (2–2.5 N × m)	1 (10 rpm)	2 (800 mesh)	3 (18 times)	–304.8
5	2 (2–2.5 N × m)	2 (30 rpm)	3 (1000 mesh)	1 (6 times)	–209.6
6	2 (2–2.5 N × m)	3 (50 rpm)	1 (600 mesh)	2 (12 times)	–407.2
7	3 (3–3.5 N × m)	1 (10 rpm)	3 (1000 mesh)	2 (12 times)	–280.8
8	3 (3–3.5 N × m)	2 (30 rpm)	1 (600 mesh)	3 (18 times)	–618.1
9	3 (3–3.5 N × m)	3 (50 rpm)	2 (800 mesh)	1 (6 times)	–334.0
\overline{K}_{1j}	–267.0	–290.4	–436.9	–276.4	
\overline{K}_{2j}	–307.2	–366.8	–303.9	–320.3	
\overline{K}_{3j}	–411.0	–328.0	–244.4	–388.5	
R_j	144.0	76.4	192.5	112.1	