

Lapping factors	Friction torque $j = 1$	Rotational speed $j = 2$	Abrasive particulate size $j = 3$	Number of round trips $j = 4$	\overline{RS}_{Rk} (MPa) $\overline{RS}_{R0} = -157.2$
1	1 (1–1.5 N × m)	1 (10 rpm)	1 (600 mesh)	1 (6 times)	–280.9
2	1 (1–1.5 N × m)	2 (30 rpm)	2 (800 mesh)	2 (12 times)	–272.0
3	1 (1–1.5 N × m)	3 (50 rpm)	3 (1000 mesh)	3 (18 times)	–245.1
4	2 (2–2.5 N × m)	1 (10 rpm)	2 (800 mesh)	3 (18 times)	–322.2
5	2 (2–2.5 N × m)	2 (30 rpm)	3 (1000 mesh)	1 (6 times)	–202.5
6	2 (2–2.5 N × m)	3 (50 rpm)	1 (600 mesh)	2 (12 times)	–402.6
7	3 (3–3.5 N × m)	1 (10 rpm)	3 (1000 mesh)	2 (12 times)	–273.7
8	3 (3–3.5 N × m)	2 (30 rpm)	1 (600 mesh)	3 (18 times)	–567.6
9	3 (3–3.5 N × m)	3 (50 rpm)	2 (800 mesh)	1 (6 times)	–329.0
$\overline{K_{1j}}$	–266.0	–292.3	–417.0	–270.8	
$\overline{K_{2j}}$	–309.1	–347.4	–307.7	–316.1	
$\overline{K_{3j}}$	–390.1	–325.6	–240.4	–378.3	
R_j	124.1	55.1	176.6	107.5	