Troubleshooting (HSK clamper)

	Details of the trouble	Cause	Pulled out of holder. Unable to attach fast to spindle or holder in case of MT shank.
1		① Dust adhesion to holder, HSK flange taper and surface portion	① Cleaning of holder and HSK flange
		② Scratches on holder, HSK flange taper and surface portion	② Grinding with oilstone and sand paper(#3000) as an intermediate procedure
2	clamp lever will not turn.	① Dust seizing	① •Removal of dust •Ask NT for repair.
3	Looseness in thrust direction when clamping	① Spring deterioration ② Withdrawing bar (cam) abrasion	① Ask NT for repair. ② Ask NT for repair.