H45 H50 FINISHED PRODUCT TEST STONE BOOK AND LIST

No.	Inspection item	Measuring method	Figure	Tolerance Permissible (mm)	Actual value measured (mm)	
1	Run-out of the external centering surface.	Fix an accuracy gauge to external diameter of the spindle nose, and take the measurement of the maximum difference of readings during the rotation of the spindle as the value required.		0.01		
2	Beat of the end face of the main spindle	Fix an accuracy gauge to touch the end face of the main spindle, and take the beat measurement of the maximum difference of readings during the rotation of the main spindle as the determination of value.		0.01		
3	Main spindle hole run-out	Install a test bar at the main spindle hole. Then turn the main spindle test bar. The maximum measured value at 300mm of the test bar from precision scale.		At point 300mm 0.02		
4	Temperature rising measuring	Change the revolving speed of milling head to the max, then make use of temperature rising meter to measure the room temperature and the main shaft of milling head A ` B ` C three point. The fetch supreme numerical deducting room temperature is temperature rising.		Tolerance temp. rising 40°C	°C	

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No.	Inspection item	Measuring method	Figure		Tolerance Permissible	Actual value measured		
5	Noise measuring	Put the decibel table on the machine distanced 500m/m from up, front, left, right to get the max. value.	left	up machine distance right	Tolerance noise volume 80 decibel	Speed (r.p.m)	Decibel (dB)	
6	The degree of perpendicular of the Z axle and C axle and spindle			Tolerance Permissib (mm)	Actual va	Actual value measured (mm)		
	0° Measuring point			0° 0.02/300mm	Direction a			
					Direction b			
				90°	Direction a			
	270° 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			0.02/300mm	Direction b			
				270°	Direction a			
				0.02/300mm	Direction b			