

Centalic Technology Development Limited

Inspection item and method (1Lot = Quantity of 8Hrs' production)

Step	Process	Inspection item	Inspection equipment
1	Material inspection	* Supplier report / document * Appearance, inside roughness * Dimension and quantity	* Check report / document * Microscope and roughness tester (5pcs / Lot) * Pin guage / micrometer (entire quantity)
2	Material inspection	* Appearance, shape and dimension	* One-Key inspection instrument
3	Inspection during turning processing (Every 2Hrs)	* Appearance, shape and dimension	* One-Key inspection instrument
4	Spring inspection (Every 2Hrs)	* Appearance, shape and dimension * Spring force	* Projector(X40) * Spring force tester
5	Heat treatment inspection	* Surface hardness * Appearance	* Hardness Tester (5pcs / Lot) * Microscope(X60)
6	Plating inspection	* Appearance and shape * Thickness * Dimension	* Stereoscopic microscope(X2000) * X-ray thickness instrument (5pcs / Lot) * Projector(X40) (5pcs / Lot)
7	Assembly intermediate inspection (Every 2Hrs)	* Appearance, shape and dimension	* Projector(X40)
8	Appearance inspection	* Appearance and foreign substance inspection	* Microscope(X60) (entire quantity)
9	Functional inspection	* Resistance and spring force * Construction of the probe * Thermal environment * Corrosion resistance * Frequency	* FDR tester (10pcs / Lot) * X-ray perspective inspection machine * High and low temperture chamber * Salt Spray Tester * Network Analyzer(26GHz)
10	Storage inspection	* Quantity and label	* Count Tag (entire quantity)

