

Process Number	Process Name/ Work Description	Machine, Device, Jig, Tools	Characteristics			Special Characteristics Class	Production/ Process Specification/Tolerance	Evaluation/Measurement Technique	Method		Control Method	Reaction Plan
			No.	Product	Process				Sampling			
									Quantity	Frequency		
05	Raw material incoming inspection	Outsourcing	01	Spec.		C	20Cr-Φ35	Quality certification	All		Quality certification required	Return to supplier
			02	Chemical composition		A	C: 0.18~0.24 Si: 0.17~0.37 Mn: 0.50~0.80 Cr: 0.70~1.00	spectroscopic analysis	1 pcs	Per lot		
			03	surface		B	Without visible burr and stain	Visual inspection	2pcs	Per lot		
10	Fiber drawing/cut	Subcontract	11	diameter		B	Φ31.8-0.05	Micrometer Caliper	2pcs	Per lot	sampling	Return to supplier
			12	length		C	60+1	Caliper	2pcs	Per lot		
20	Machine the two ends	C0625	21	diameter		C	Φ23±0.2	Micrometer Caliper	10 %	Per lot	sampling	Rework/scrap
			22	Length		C	11.25+0.4	Caliper	10 %	Per lot		
			23	total length		B	57+0.3	Caliper	20 %	Per lot		