

Tolerance Check

Technician	Carlos Garcia
Inspection Date	2025-06-21

This data extract is prepared for quality-control sign-off. Refer to the dimensional log for all component size readings. This report presents the dimensional measurements and inspection results. The following data captures key dimensions and any deviations identified. Use this results summary to trigger any corrective actions. Use this examination summary to confirm component conformity.

Article No.	GL-980S	HF-390A	MR-160H	KP-320E	WD-180S	TL-900X	FT-730X
Part Name	Steel Sheet A36	Plastic Rivets	Battery Pack	Shaft 500mm	Rubber Gasket 80mm	Bearing 6202 ZZ	Shaft 500mm
Dim.	Thickness	Width	Width	Depth	Hole Ø	Width	Inner Diameter
Target	6.37	71.18	97.20	77.04	66.07	78.18	19.77
Actual	6.54	71.36	97.28	76.93	66.04	78.06	19.71
Diff	+0.17	+0.18	+0.08	-0.11	-0.03	-0.12	-0.06
Pass/Fail	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Archive this inspection summary for regulatory documentation. Refer to deviation column for any out-of-tolerance measurements. Please address any NOK items before proceeding to the next production stage. This assessment reflects the latest metrology results.

Instrument Calibration Log:

Instrument	Serial No.	Last Calibration Date
Laser Scanner	63059	2024-10-16
Laser Scanner	98736	2024-09-07