

# Tolerance Check

Inspection performed by Peter Schmidt on 2025-04-02.

Review recorded tolerances against engineering specifications. Below are the recorded measurements compared against nominal tolerances. This data extract is prepared for quality-control sign-off. Check that all dimensions comply with ISO and company standards. This summary of measurements supports metrology traceability. This report presents the dimensional measurements and inspection results.

**Environmental Conditions:** Temperature: 21.1 °C, Humidity: 51 %

Product Ref	Part Name	Measurement	Target	Observed	Diff	Status (V/X)
TR-200B	Graphite Pad	Thickness	10.22	10.23	+0.01	OK
GH-770J	Steel Sheet A36	Length	23.87	23.80	-0.07	OK
LP-555V	Power Switch	Height	99.39	99.51	+0.12	OK
LP-555V	O-Ring NBR 60mm	Width	69.94	69.82	-0.12	OK
MR-160H	Graphite Pad	Width	89.61	89.72	+0.11	OK
RE-850C	Graphite Pad	Height	32.88	32.69	-0.19	OK
KV-390K	Battery Pack	Inner Diameter	75.09	75.12	+0.03	OK
LK-890B	Wooden Pallet	Depth	6.01	6.19	+0.18	OK
NE-245A	Rubber Gasket 80mm	Width	81.41	81.54	+0.13	OK
NU-440Z	Wooden Pallet	Depth	95.99	95.92	-0.07	OK