

# Tolerance Check

Inspection performed by Peter Schmidt on 2025-06-18.

The inspection register below highlights any out-of-tolerance parts. The following data captures key dimensions and any deviations identified. Review recorded tolerances against engineering specifications. This data extract is prepared for quality-control sign-off.

**Environmental Conditions:** Temperature: 20.6 °C, Humidity: 42 %

Item Code	Component	Dim.	Target	Actual	Delta	Status (V/X)
HF-390A	Steel Sheet A36	Width	45.26	45.22	-0.04	OK
RE-850C	Rubber Gasket 80mm	Height	9.06	9.12	+0.06	OK
SL-430M	Plastic Rivets	Height	56.33	56.47	+0.14	OK
TY-350G	Hex Bolts M12	Length	49.67	49.73	+0.06	OK
TX-820V	Battery Pack	Inner Diameter	99.20	99.21	+0.01	OK
FT-730X	Wooden Pallet	Hole Ø	99.88	99.90	+0.02	OK
TL-900X	Shaft 500mm	Inner Diameter	70.64	70.48	-0.16	OK
MR-160H	Battery Pack	Length	26.21	26.26	+0.05	OK
VR-940T	Power Switch	Length	76.42	76.36	-0.06	OK
RE-850C	Plastic Rivets	Length	7.22	7.40	+0.18	OK
DX-777T	Graphite Pad	Inner Diameter	21.10	20.95	-0.15	OK
PL-601Z	Bearing 6202 ZZ	Depth	57.52	57.63	+0.11	OK
GH-770J	O-Ring NBR 60mm	Hole Ø	65.32	65.46	+0.14	OK