

Tolerance Check

Inspection performed by Laura Rossi on 2024-06-25.

Please review the inspection results for each component listed below. Below are the recorded measurements compared against nominal tolerances. Ensure measurement methods align with calibration standards. This section details the measured values, tolerances, and status flags. Use this examination summary to confirm component conformity. Entries include both pass/fail markers and deviation magnitudes.

Environmental Conditions: Temperature: 21.7 °C, Humidity: 37 %

Product Ref	Component	Measurement	Nominal	Observed	Diff	Status (V/X)
SB-140D	Rubber Gasket 80mm	Inner Diameter	45.99	45.86	-0.13	PASS
LK-890B	O-Ring NBR 60mm	Depth	37.57	37.53	-0.04	PASS
LP-555V	Graphite Pad	Height	53.11	53.05	-0.06	PASS
RE-850C	Steel Sheet A36	Depth	5.60	5.55	-0.05	PASS
VR-940T	Graphite Pad	Depth	23.03	22.99	-0.04	PASS
TX-820V	Wooden Pallet	Hole Ø	80.44	80.56	+0.12	PASS
GH-770J	Hinge Set	Thickness	63.91	64.08	+0.17	PASS
TY-350G	Steel Sheet A36	Thickness	97.76	97.86	+0.10	PASS
MS-600P	Wooden Pallet	Hole Ø	77.16	77.17	+0.01	PASS
PW-515Y	O-Ring NBR 60mm	Width	74.43	74.52	+0.09	PASS
AZ-300T	Battery Pack	Hole Ø	40.19	40.22	+0.03	PASS
NU-440Z	Plastic Rivets	Hole Ø	60.12	60.26	+0.14	PASS
XD-710R	Hinge Set	Length	23.63	23.64	+0.01	PASS
LP-555V	O-Ring NBR 60mm	Depth	88.77	88.76	-0.01	PASS
RX-310Z	Steel Sheet A36	Height	82.62	82.74	+0.12	PASS
TY-350G	Plastic Rivets	Depth	75.88	75.71	-0.17	PASS
KV-390K	Wooden Pallet	Height	76.18	76.28	+0.10	PASS