

Tolerance Check

Inspection performed by Peter Schmidt on 2024-08-12.

All measured values are timestamped for audit purposes. This summary of measurements supports metrology traceability. Use this examination summary to confirm component conformity. Refer to the dimensional log for all component size readings. Below are the recorded measurements compared against nominal tolerances. This section details the measured values, tolerances, and status flags.

Environmental Conditions: Temperature: 21.6 °C, Humidity: 50 %

Article No.	Part Name	Dim.	Target	Actual	Delta	Status (V/X)
JD-700W	Plastic Rivets	Height	35.26	35.25	-0.01	OK
BZ-660F	Shaft 500mm	Length	12.05	11.95	-0.10	OK
XD-710R	Hinge Set	Depth	5.10	4.98	-0.12	OK
TL-900X	Hinge Set	Width	6.28	6.18	-0.10	OK
SB-140D	Steel Sheet A36	Length	49.38	49.52	+0.14	OK
MC-540X	Battery Pack	Width	65.83	65.91	+0.08	OK
XK-610U	Plastic Rivets	Length	32.66	32.78	+0.12	OK
MC-540X	Steel Sheet A36	Depth	44.58	44.49	-0.09	OK
WD-180S	Graphite Pad	Depth	61.53	61.52	-0.01	OK
WD-180S	Bearing 6202 ZZ	Width	27.00	27.11	+0.11	OK
MC-540X	Wooden Pallet	Hole Ø	45.37	45.38	+0.01	OK
RX-310Z	Bearing 6202 ZZ	Thickness	81.03	81.02	-0.01	OK
JD-700W	Shaft 500mm	Height	25.77	25.75	-0.02	OK
MX-450L	Hinge Set	Depth	56.66	56.61	-0.05	OK
KV-390K	Plastic Rivets	Depth	55.15	55.00	-0.15	OK
AL-115Q	Battery Pack	Width	26.32	26.43	+0.11	OK
JD-700W	Rubber Gasket 80mm	Thickness	5.09	5.28	+0.19	OK