

Tolerance Check

Inspector	Laura Rossi
Inspection Date	2024-06-07

Use this results summary to trigger any corrective actions. Review recorded tolerances against engineering specifications. This report presents the dimensional measurements and inspection results.

Product Ref	PL-601Z	SB-140D	FT-730X	MR-160H	BZ-660F
Component	Rubber Gasket 80mm	Steel Sheet A36	Wooden Pallet	Wooden Pallet	O-Ring NBR 60mm
Measurement	Width	Width	Height	Hole Ø	Depth
Nominal	66.50	75.34	12.43	61.12	50.23
Observed	66.43	75.46	12.51	61.09	50.10
Diff	-0.07	+0.12	+0.08	-0.03	-0.13
Pass/Fail	OK	OK	OK	OK	OK

Confirm that pass rates meet the defined acceptance criteria. Flag any components requiring re-machining or adjustment. Ensure all measuring tools were properly calibrated. Refer to deviation column for any out-of-tolerance measurements.

Instrument Calibration Log:

Instrument	Serial No.	Last Calibration Date
Micrometer	45228	2025-05-25
Micrometer	87888	2024-08-07
Caliper	74021	2025-06-09
CMM	98054	2025-04-02