

Tolerance Check

Technician	Carlos Garcia
Inspection Date	2025-06-25

Entries include both pass/fail markers and deviation magnitudes. This section details the measured values, tolerances, and status flags. Review recorded tolerances against engineering specifications. The inspection register below highlights any out-of-tolerance parts. This report presents the dimensional measurements and inspection results.

Product Ref	XK-610U	VF-220D	XK-610U	QP-660F	TL-900X	RM-860N	VF-220D
Part Name	Power Switch	Bearing 6202 ZZ	Bearing 6202 ZZ	Graphite Pad	Steel Sheet A36	Power Switch	Hex Bolts M12
Dim.	Inner Diameter	Width	Thickness	Height	Hole Ø	Depth	Width
Nominal	86.85	26.19	7.63	75.50	22.39	68.11	22.39
Observed	86.87	26.14	7.78	75.52	22.41	68.12	22.44
Diff	+0.02	-0.05	+0.15	+0.02	+0.02	+0.01	+0.05
Pass/Fail	V	V	V	V	V	V	V

Ensure status flags are updated in the quality management system. Cross-verify measurement data with CAD nominal values. Overall inspection summary indicates acceptable quality levels.

Instrument Calibration Log:

Instrument	Serial No.	Last Calibration Date
Micrometer	26835	2025-03-01
CMM	93182	2025-04-24
Caliper	19016	2024-10-15
Laser Scanner	91167	2025-02-19