

# IEC 60309 Gauge Set - Full Compliance Kit

Compliance Standard: IEC 60309-1:2021 & IEC 60309-2:2021

## Product Overview

This comprehensive gauge kit is designed for precise testing and verification of industrial plugs, socket-outlets, connectors, and appliance inlets in accordance with **IEC 60309-2** dimensional interchangeability requirements. It supports rated currents from 16/20A to 125/100A.

## Technical Specifications

Parameter	Description
Material	Premium Hardened Stainless Steel
Surface Hardness	HRC 58-62 (Ensures long-term dimensional stability)
Manufacturing Accuracy	Tolerance within $\pm 0.01$ mm
Surface Roughness	$Ra \leq 0.4 \mu\text{m}$ (For precise tactile response)
Current Ratings	16A/20A, 32A/30A, 63A/60A, 125A/100A
Total Quantity	Full set ~76 pieces (Covers Fig. 201 to Fig. 215)

## Key Gauge Contents

Standard Fig.	Item Description	Testing Purpose
Fig. 201	Socket-outlet Go Gauges	Check max dimensions d1, d2, l1 (>50V)
Fig. 202	Socket-outlet Not Go Gauges	Check min dimensions d1, d2 (>50V)
Fig. 203	Plug Go Gauges	Check max dimensions d2, d4, l1 (>50V)

Standard Fig.	Item Description	Testing Purpose
Fig. 204	Plug No Go Gauges	Check min dimensions d2, d4 (>50V)
Fig. 213	Phase Hole Gauges	Verify hole positions, sizes and polarity
Fig. 215	Single-pole Insertion Gauge	Safety protection against electric shock

## Why Choose KINGPO Gauges?

- **Strict Adherence:** 100% compliant with the latest IEC technical drawings and geometries.
- **High Durability:** Heat-treated material prevents deformation during repeated testing cycles.
- **Laser-Etched Identification:** Each gauge is clearly marked with Clause and Figure numbers for error-free use.
- **Traceable Quality:** Provided with a Factory Calibration Report; supports third-party CNAS/ISO 17025 certification.

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