

TECHNICAL DATA SHEET • MULTI-PURPOSE WELD INSPECTION EQUIPMENT



G.A.L. Gage Co. CAT-1 Hi-Lo Welding Gauge

The Original Multi-Purpose Hi-Lo, Alignment & Fit-Up Gauge

The **CAT-1 Hi-Lo Welding Gauge** is the original, industry-standard tool designed for accurate internal pipe alignment, root weld spacing, fillet weld dimensions, and bevel angle verification.

Equipped with dual Inch and Metric scales, this high-precision instrument helps inspectors verify joint conformance prior to and after welding to eliminate root rejects and comply with code standards.

TECHNICAL SPECIFICATIONS & DETAILS

Manufacturer: G.A.L. Gage Co.	Model / Cat #: CAT-1 (GAL-1)
Internal Alignment (Hi-Lo): Up to 1" (25.4 mm)	Root Weld Spacing: 1/32" to 1" (0.8 mm to 25.4 mm)
Measurement Scale: Inch and Metric (Combined Dual Scales)	Material Construction: High-Grade Stainless Steel with Permanent Laser Markings

KEY FEATURES & APPLICATIONS

- **Internal Alignment Check:** Measures internal mismatch (Hi-Lo) of pipe before and after welding to ensure strict code compliance.
- **Root Gap & Bevel Inspection:** Quickly checks root weld spacing (1/32" to 1") and verifies 37.5° preparation angles.
- **Fillet Weld Measurements:** Accurately determines fillet weld leg length and throat dimensions across common sizes.

ORDERING & PRODUCT OPTIONS

Model Number	Description
GAL-1 (Cat #1)	Original Hi-Lo Welding Gauge — Inch and Metric Scales



Ready to Order or Request a Quote?

Contact ABQ Industrial sales engineers for pricing, calibration certificates, and delivery options.

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