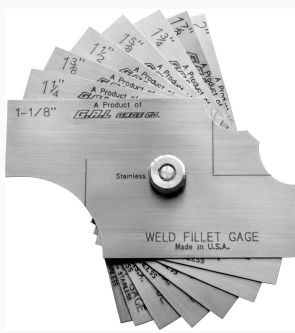


TECHNICAL DATA SHEET • G.A.L. GAGE CO. CAT-81 8-PIECE FILLET WELD GAUGE SET

Model: CAT-81 / Cat # 81 (GAL-81)

G.A.L. Gage Co. CAT-81 8-Piece Fillet Weld Gauge Set

Overview: The **CAT-81 Fillet Weld Gauge Set** is a premium 8-piece precision instrument designed for rapid and accurate verification of larger fillet weld leg and throat sizes ranging from 1-1/8" to 2" in 1/8" increments.

Durability: Manufactured from high-grade stainless steel with permanent laser-etched markings, designed to resist corrosion in harsh industrial and fabrication environments.

TECHNICAL SPECIFICATIONS & DETAILS

Manufacturer: G.A.L. Gage Co.	Model / Cat #: CAT-81 (Cat # 81 / GAL-81)
Size Range: 1-1/8" to 2" Inch Scale	Increments: 1/8" between leaves
Number of Leaves: 8 Individual Precision Blades	Material Construction: High-Grade Stainless Steel

KEY FEATURES & APPLICATIONS

- **Comprehensive Size Range:** Covers larger fillet weld dimensions from 1-1/8" up to 2" to accommodate heavy structural welding requirements.
- **Dual-Purpose Checking:** Accurately checks both fillet leg size and fillet throat size with precision-machined leaf contours.
- **Secure Locking Mechanism:** Features an integrated knurled thumb screw that holds individual leaves firmly in place during inspection.
- **Industrial Applications:** Ideal for heavy industrial fabrication, pressure vessel manufacturing, offshore structures, and pipeline construction.

INCLUDED LEAF SIZES (8-PIECE SET)

The CAT-81 set includes 8 precision stainless steel leaves, each clearly marked with its corresponding size for quick identification in the field:

Leaf #	Nominal Size (Inches)	Application
Leaf 1	1-1/8"	Fillet Leg & Throat Size Verification
Leaf 2	1-1/4"	Fillet Leg & Throat Size Verification
Leaf 3	1-3/8"	Fillet Leg & Throat Size Verification
Leaf 4	1-1/2"	Fillet Leg & Throat Size Verification
Leaf 5	1-5/8"	Fillet Leg & Throat Size Verification
Leaf 6	1-3/4"	Fillet Leg & Throat Size Verification
Leaf 7	1-7/8"	Fillet Leg & Throat Size Verification
Leaf 8	2"	Fillet Leg & Throat Size Verification

ORDERING & PRODUCT OPTIONS

Model / Part #	Description	Certification
GAL-81 (Cat # 81)	8-Piece Fillet Weld Gauge Set (1-1/8" to 2")	Optional NIST Calibration
NIST-CERT	G.A.L. Gage Co. NIST Standard Certification	Calibration Service

**Ready to Order or Request a Quote?**

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

Email: info@abqindustrial.net**Phone:** +1 (888) 275-5772