

WELD GAUGE



DIGITAL WELD GAGE WG-1

Precision design, for measuring of flat welding seams and welding seams in corners. In order to observe the required V-seam-angle at flat welds, the angles of 60°, 70°, 80° and 90° are attached at the gauge.

Features:

Stainless steel, Hardened and ground

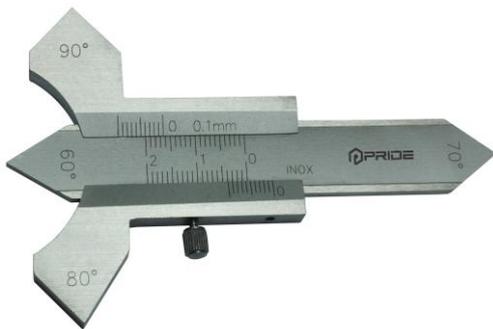
Turn on/off, Switchable mm/inch

Measured value showed on a big LCD-Display

Reading +/- 0,01 mm

Power supply: Battery 1,55 V, LR 1130 SW

With data output interface



VERNIER WELD GAGE WG-2

A precision design for measuring of flat welding seams and welding seams in corners.

In order to observe the required V-seam-angle at flat welds the angles

of 60° degrees, 70° degrees, 80° degrees and 90° degrees are attached at the gauge.



AWS WELD GAGE WG-3

For Accurate Calibration of Butt and Fillet Type Welds

Angle of preparation, 0° to 60°

Excess weld metal (capping size)

Depth of undercut

Depth of pitting

Fillet weld throat size

Fillet weld length

Misalignment (high-low)



HI-LO WELD GAGE WG-4

Hi-Lo Welding Gauge measures Internal Alignment of pipe after fit-up/alignment, cuts radiographic rejects. Will also measure internal misalignment of pipe before and after tacking. Measurements read in standard one side, metric opposite side. Plus six other critical, required measurements! side.



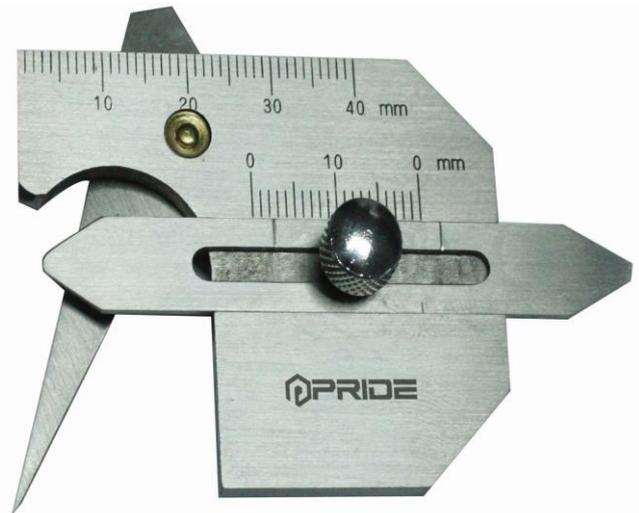
Single Purpose or Economy Hi-Lo Gauge WG-5

INTERNAL HI-LO Gauge Four quick step check internal alignment. You can check the internal alignment of your fit-up with HI-LO gauge.

1. Unlock the retaining screw. Press the gauge legs beyond the barrel.
2. Insert the legs (wires) into the root gap space of the two pieces of pipe to be fitted. Turn the gauge 90 degrees, being careful to apply a constant back pressure to the barrel.
3. Hold the gauge as square as possible with the fitting to obtain an accurate reading. Lock the retaining screw. Reverse the 90d turn and remove the gauge. You're now ready to read the increment opposite the red line.
4. When the red line aligns with the 1/32" increment you have a good internal alignment and fit-up. Misalignments can be determined.



WELD GAGE WG-6



WELD GAGE WG-6A

Weld gauge consists of three components: main scale, glide gauge and multiple-purpose gauge and is specially used for the measurement of the bevel angle of weldment the height and gap size of all kinds of is specially used for the measurement of the bevel angle of weldment, the height and gap size of all kinds of weld seams and the thickness of weldment's plan kings. It is suitable for the detection of the quality of beliers, bridges, chemistry machines, ships and pressure vessels. It is made of stainless steel and is characterized by portable and compact structure, excellent exterior and easy application.

Specification

Measurement item		Scale mm	Allowable margin of
Thickness of Weldment		0-40	±0.2
Height of	Multiple-purpose Gauge	0-20	±0.3
Weld Seam	Weld Gauge	0-20	±0.2
Gap Size of Weld Seam		1-3	±0.2
Bevel Angle of Weldment		0° -90°	±30'

WELD GAGE WG-7



Specification

Measurement item	Scale mm	Tolerance of
Surface Height	0-20	0.2
Thickness of Fillet Weld	0-12	0.2
Width	0-45	0.3
Undercut Depth of Welding Seam	0-5	0.1
Bevel Angle of Weldment	$\leq 150^\circ$	30'
Gap Size	0.5-5	0.1



WELD GAGE WG-11

This gauge is a measuring tool for checking dimensions of the welding seam easily and quickly.

Measuring errors as a consequence of the angular shrinking will mostly be avoided by the one-sided base of the gauge. Reading accuracy 0.1 mm.

The operating instructions are drawn on the gaug.

Design: stainless steel

Delivery in leather bag



Checking Fillet Throat Size

WELD FILLET GAGE WG-10

Fillet Weld Gauge allows fast, accurate measurement of eleven (11) fillet weld sizes: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8", 3/4", 7/8", and 1", and their metric equivalents, to determine weld sizes, either concave or convex.

Each gauge blade is made of 1-1/4" x 4" stainless steel to resist rust and bending. Blades are deburred to

remove rough edges. All sizes and numerals are engraved into the surface for easier reading.

Only metric size.

WELD GAGE WG-8



WELD GAGE WG-8A



The gauge consists of main scale, height gauge, undercut depth gauge and multiple-purpose gauge and is specially used for the measurement of the bevel angle, height, width, gap and undercut depth of weldment, suitable for the detection of boilers, bridges, ships, pressure vessels and oil pipes.

It is made of stainless steel and is characterized by portable and compact structure, easy operation, wide application.

Specification

Measurement item		Scale mm	Tolerance of
Height	Surface Height		0.2
	Height of Fillet Weld	0-12	0.2
	Thickness of Fillet Weld	0-15	0.2
Width		0-40	0.3
Undercut Depth of Welding Seam		0-5	0.1
Bevel Angle of Weldment		$\leq 150^\circ$	30'
Gap Size		0.5-5	0.1

WELD GAGE WG-9



The gauge consists of main scale, height gauge, undercut depth gauge and multiple-purpose gauge and is specially used for the measurement of the bevel angle, height, width, gap and undercut depth of weldment, suitable for the detection of boilers, bridges, ships, pressure vessels and oil pipes.

It is made of stainless steel and is characterized by portable and compact structure, easy operation, wide application.

Specification

Measurement item	Scale mm	Tolerance of
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	Surface Height		0.2
Height	Height of Fillet Weld	0—15	0.2
	Thickness of Fillet Weld		0.2
Width			0-60
Undercut Depth of Welding Seam		0—5	0.1
Bevel Angle of Weldment		80°—160°	30'
Gap Size		0.5—6	0.1



BRIDGE CAM GAGE WG-12

The following measurements are possible either in inches or millimeters. General linear measurements up to 2 inches or 50mm



Excess Weld Metal Fillet Weld Throat Angle of Preparation

Features:

- Angle of preparation, 0° to 60°
- Excess weld metal (capping size)
- Depth of undercut
- Depth of pitting
- Fillet weld throat size
- Fillet weld length
- Misalignment (high-low)



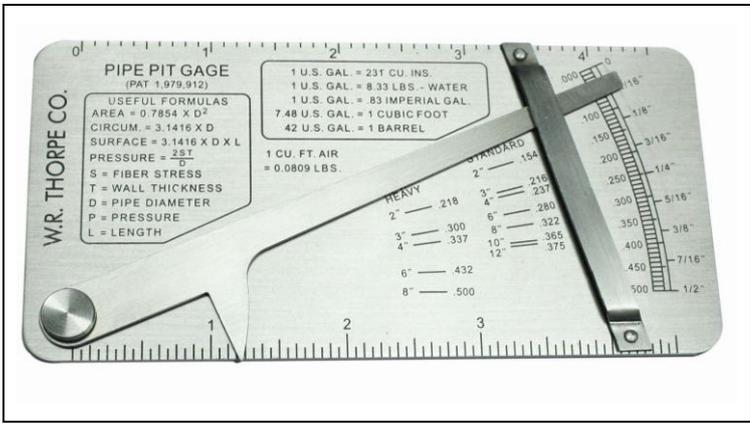
V-WAC WELD GAGE WG-13

Checks undercut
Crown Height
Porosity & Pits
Metric or English
Quality stainless steel construction



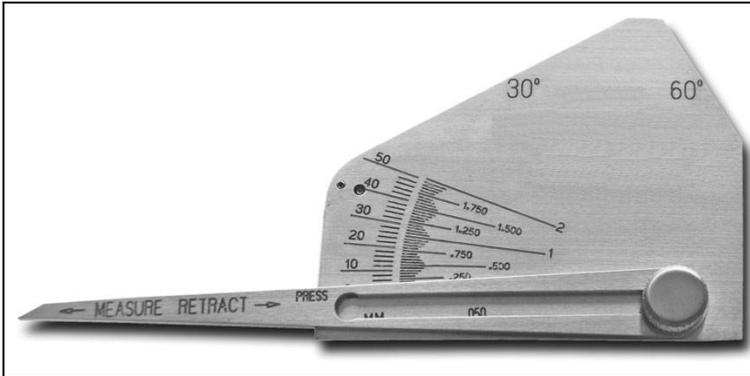
WELD GAGE WG-15

Fan-shaped with 12 blades for measuring the welding seam at rectangular welded corners from 3 to 12 mm.
Design: Steel, polished



PIPE PIT GAGE WG-19

- Range is 0 to 1/2" in 1/64 & 0.020 increments
- Arm can be locked in place at any dimension
- All stainless steel
- Handy formulas on front and decimal equivalents on back of gauge



SKEW-T FILLET WELD GAUGE/CALCULATOR WG-20

- Check Angle of Vertical Member
- Checks Weld Acute Side
- Checks Weld Obtuse Side
- Measures in English & Metric



TAPER GAGE WG-17

This metric gage is sometimes called a gap gage, wedge gage or gap feelers
 it is accurately tapered throughout its entire length for quick measuring,

Model no.	Measuring range mm	Resolution mm	Accuracy mm
WG-17-1	0.4-6	0.05	±0.05
WG-17-2	1-15	0.10	±0.10
WG-17-3	0.3-4.00	0.05	±0.05
WG-17-4	0.010-0.15"	0.001"	--

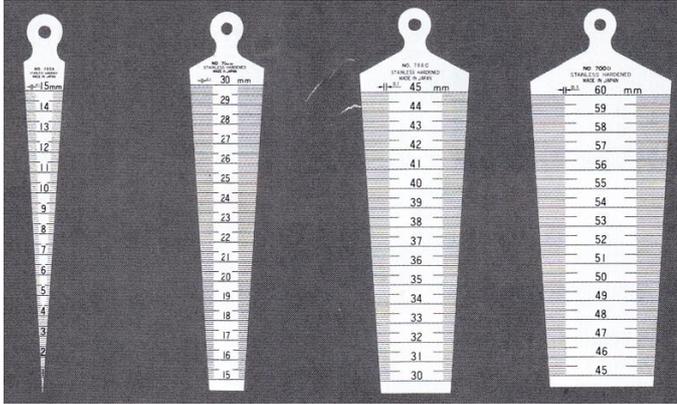
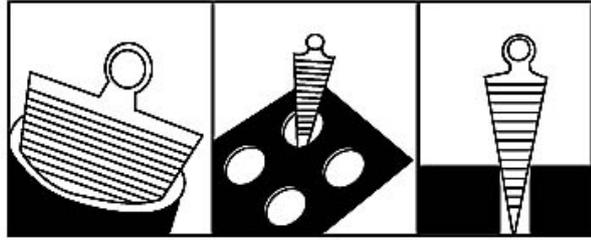
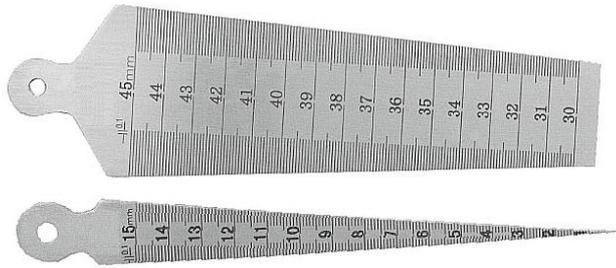


ROUND TAPER GAUGE WG-18

For accurate readings in holes and slots.

WG-18-1	1 ~ 6 mm	reading 0.1mm
WG-18-2	4 ~ 15mm	reading 0.1mm
WG-18-3	15 ~ 30 mm	reading 0.1mm
WG-18-4	30 ~ 45 mm	reading 0.1mm
WG-18-5	45 ~ 60 mm	reading 0.1mm

TAPER GAGE WG-21



1 to 15 mm Metric Taper Gauge for measuring ID of tubing, slot widths, hole sizes, bore and flange face to face dimensions. Stainless steel 0.1 graduations are accurate within 0.05mm

1/32 to 5/8 Taper Gauge

5/8 to 1 & 3/16 Taper Gauge

1 & 3/16 to 2" Taper Gauge

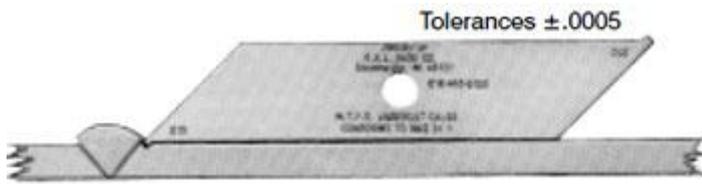
- Stainless Steel
- All increments permanently engraved
- Front side - Standard
- Back side - Metric

Model no.	Measuring range mm	Resolution mm	Accuracy mm
WG-21-1	1-15	0.10	±0.05
WG-21-2	15-30	0.10	±0.05
WG-21-3	30-45	0.10	±0.05
WG-21-4	45-60	0.10	±0.05

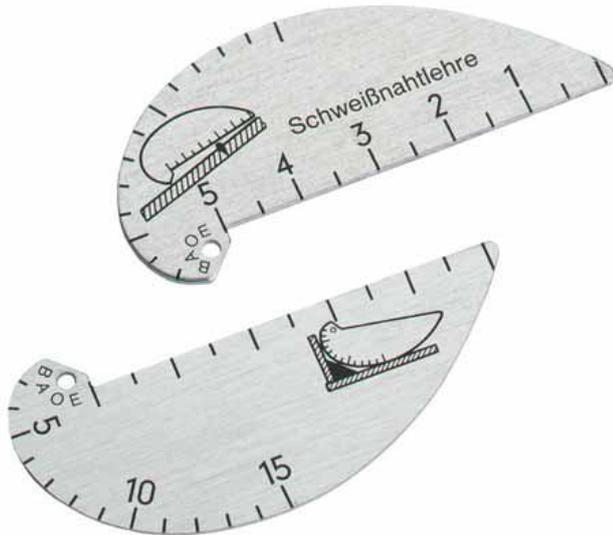
Pocket Fillet Weld Gauge WG-23



- -Pocket Size - Measures 8 Size Fillets



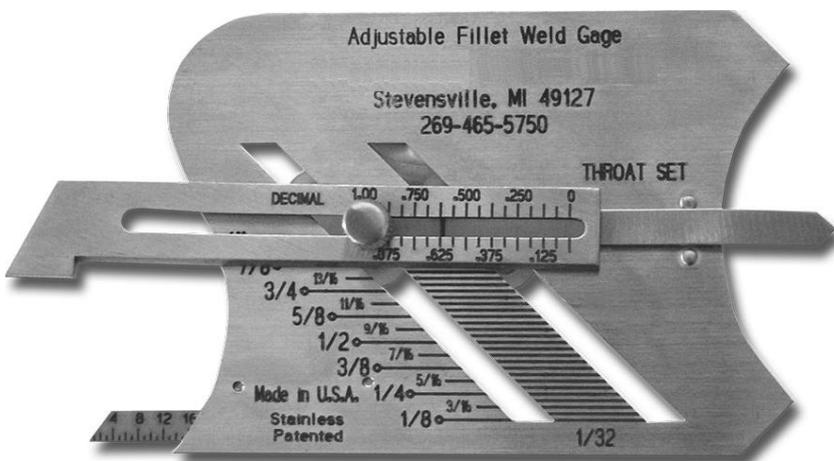
Welding Seam Gauge WG-26



Simple Design made of Aluminium, thickness 1mm.
 For measuring of flat- and welding seams in corners.
 Scale and operating instructions printed on either side

Measuring range for corner seams	mm	2 - 15
Measuring range for flat seams	mm	0 - 5
Total length	mm	62,5

Adjustable Fillet Weld Gage WG-27



Unequal Leg Measurement Feature
 Measure Fillet Weld & Weld Throat Thickness, Available in Standard or Metric

Pit Gage WG-28



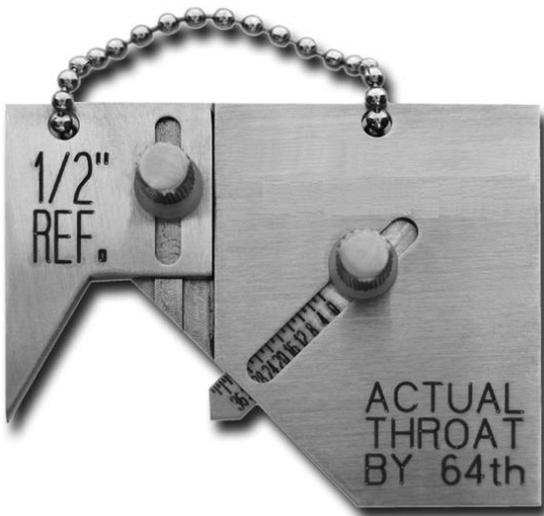
Undercuts/Pits to 0-2mm by 0.2mm Increments. Check Undercuts/Pits, All Stainless Steel.

Pocket Bridge Cam Gauge WG-29



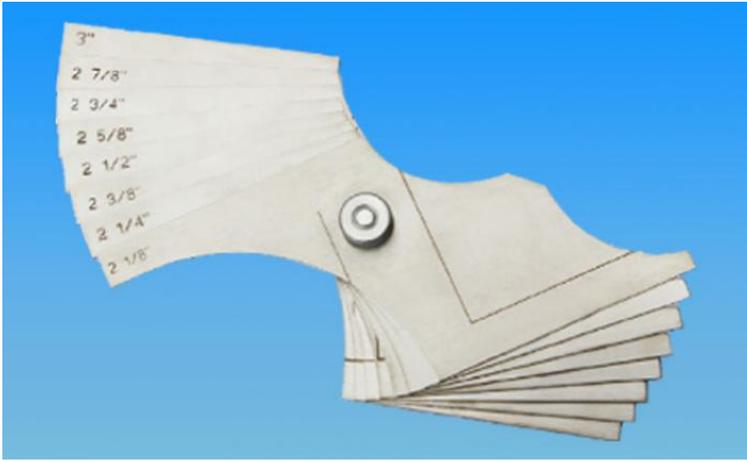
Check Angle of Preparation, Excess Weld Metal, Depth of Undercut, Depth of Pitting, and more.

"Mini Sub" Socket Weld Gauge WG-30



Check Throat Dimensions, Checks All Pipe Schedule, All Stainless Steel

8-Piece Fillet Weld Set WG-31



Check Fillet Leg & Throat Size
 1 1/8" to 2" in 1/8" increments

Weld Feet Gauge WG-32



Multifunctional Welding Feet

Mini Fillet Weld Keys WG-33



11 Different Sizes in Standard with Metric Equivalent Markings - 1/8" to 1"