



BEARING & TOOL CENTRE



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Our Sister Concern : RELIEF SERVICE CENTRE

Repairs, Removal of Jaw Error, Bore Gauge Extension, Instrument Modifications & Spares

Quotation

62 | Weld Gauges - Kristeel

Type	Weld Fillet	Bridge Cam	Automatic	Leaf	Hi Lo	Weld Gauge Cum Radius Gauge Set
Model	WG - A	BCWG	AUWG	LTWFG	HLWG	WGRG
Rs.	675	1250	1000	940	3800	900
Catalog	Page No.- 3	Page No.- 3	Page No.- 3	Page No.- 4	Page No.- 4	Page No.- 4

Kristeel Discount: 30% Calibration cert - Rs. 1000/- extra.

62 - 1 | Weld Gauges Imported / GAL - USA / China

Type	Bridge Cam	Hi Lo	Hi Lo	Hi Lo	Automatic
Make	GAL USA	GAL USA	GAL USA	Giant	GAL USA
Model	WG-4	Cat # 1	Cat # 2	Cat # 2	W - 2
Rs.	10250	10500	3750	6350	3500
Catalog	Page No.- 4	Page No.- 5	Page No.- 5	Page No.- 5	
Type	Digital	V Wac	Fillet Weld	Weld Gauge	Weld Gauge
Make	China	GAL USA	GAL USA	Insize	Kristeel
Model	-	W - 12	W - 10	4835-1	3458
Rs.	3000	4000	4500	2185	2900
Catalog		Page No.- 6	Page No.- 6	Page No.- 15	Page No.- 17

62 - 2 | Pipe Pit Gauge

Type	Pipe Pit	Pipe Pit	Pipe Pit
Make	Indian	GAL USA	Kristeel - PPG
Rs.	3600	8500	3500
Catalog	Page No.- 10	Page No.- 10	Page No.- 10

62 - 3 | Press - O - Film

Make	X Coarse
Range	-40 to 115 Micron
Rs.	4200
Catalog	Page No.- 10

62 - 4 | Fillet Weld Gauge

Make	Insize	Insize
Rs.	731	1569
Code	4832 - 1	4836 - 1
Catalog	Page No.- 16	Page No.- 16

62 - 5 | V Wac Weld Gauge Kristeel

Make	Kristeel
Rs.	1100
Discount	30%
Code	VWWG
Catalog	Page No.- 17

62 - 6	Digital Weld Gauge Kristeel
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Make	Kristeel
Rs.	2490
Discount	30%
Code	3458
Catalog	Page No.- 15

Calibration cert – Rs. 1000/- extra.

62 - 6	Welder Kit - Kristeel
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Type	Welder Kit - 1	Welder Kit - 2	Welder Kit - 3
Rs.	2250	3500	6600
Code	3488	3559	3592
Discount %	30	30	30
Catalog	Page No.- 18	Page No.- 18	Page No.- 18

*** Warranty – 6 Months , Certificate - No

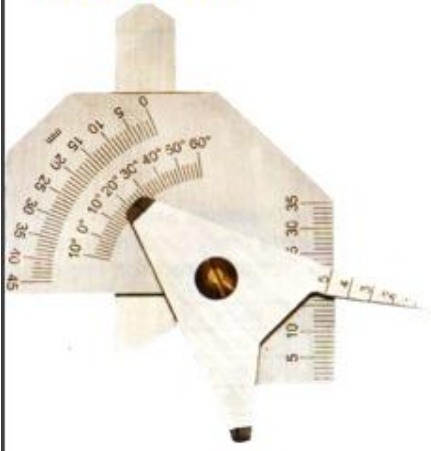
NABL Calibration For any New Instrument Purchase from us @ Rs. 200/-. Except for Item In set (E.g. Feeler / Slip Gauge Etc.

Terms & Conditions –

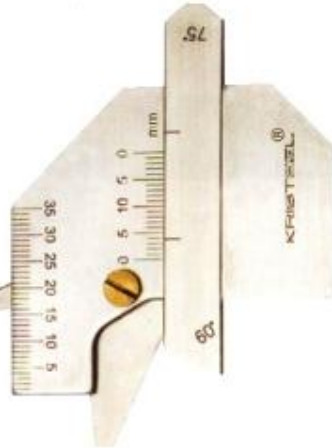
- Goods offered - Subject to Prior Sale
- Price Validity: "15 Days from Date of Quotation"
- C.S.T 2% extra against form C. Otherwise 5% without form C For Out of Gujarat Sales only.
- VAT 5% extra for Sales within Gujarat. Prices Ex-Godown Ahmedabad.
- Payment against Proforma Invoice, Packing, Forwarding & Freight extra.
- **Bank Detail** – Kotak Mahindra Bank Ltd.
- **Branch** – Shivranjini
- **Bank IFSC Code** - KKBK 0000 810
- **Bank Account No.** 08102 00000 2689
- Note - While making payment online do mention your Company's name.
- TIN NO 24070901229 , CST No. 24570901229
- We are looking forward to your valued orders.

KRISTEEL MAKE

MODEL WG-A



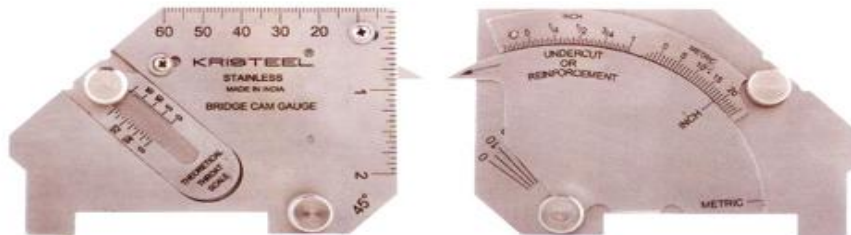
WELD FILLET GAUGE



A versatile tool for the use of welding operator. The tool can be used with ease for weld joint preparatory functions as well as for checking of the weld joint. The tool combines a bore gauge, angle gauge, depth gauge & weld height gauge. The tool is made in stainless steel with polish finish.

MODEL BCWG

BRIDGE CAM TYPE WELD GAUGE

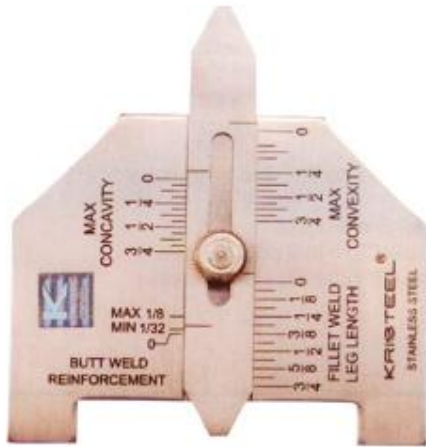


This rugged gauge is fabricated in stainless steel used to measure the important Dimensions of weld preparations & of completed Butt and fillet welds. It is intended for general fabrication work in the shop or on-site. It rapidly measures Angle preparation (0° to 60°), Excess weld metal, Fillet weld leg length, Throat length, Misalignment & hole sizes for butt weld, butt-weld reinforcement, General Linear Measurement upto 60mm or 2 inches- Scales are graduated in metric units & supplied in a preventive case with instruction leaflet.

For additional models of weld gauge please turn to page 2/8.

MODEL ATWG

AUTOMATIC WELD GAUGE



This rugged gauge fabricated in stainless steel, will measure the important dimensions of weld preparations & of completed butt and fillet welds. It is intended for general fabrication work in the shop or on-site and rapidly measures weld features like tolerance of convexity, tolerance of reinforcement, concavity and underfil, to determine size of fillet weld. The scales are graduated in metric units, It is packed in a protective case & an instruction leaflet is provided.

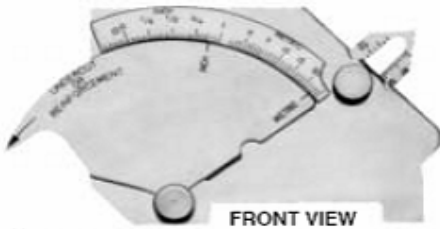
MODEL LTWFG

LEAF TYPE WELD FILLET GAUGE (7LEAVES)



This rugged gauge is fabricated in stainless steel & allows fast, accurate measurement of 11 fillet weld sizes: 1/8, 3/16, 1/4, 5/16, 3/8, 7/16¹/₂, 5/8, 3/4, 7/8, and 1" and their metric equivalent. Also used to determine weld size, either concave or convex. Each blade is made of 1.25" x 4" cold rolled stainless steel to resist rust and bending. The blades are deburred to remove rough edges. The set of seven blades is packed in a handy 2" x 2.5" pocket case with the user manual attached for easy reference.

WG- 4 BRIDGE CAM GAUGE



FRONT VIEW



BACK VIEW

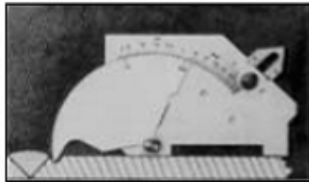
Note:
Adjustable scale to
compensate for point wear.

STURDY

Gauge is made of stainless steel.

ACCURATE

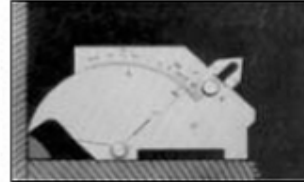
Undercut depth or crown height
scale can be read to 1/32 inch.



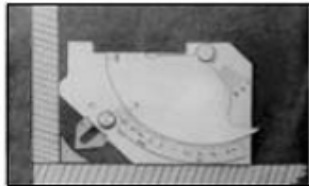
UNDERCUT



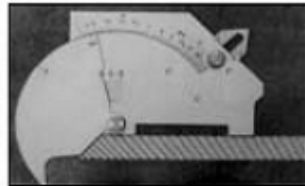
EXCESS WELD METAL



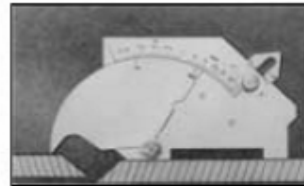
FILLET LEG LENGTH



FILLET WELD THROAT



ANGLE OF PREPARATION



MISALIGNMENT

GAL CHINA MAKE

Economy Single Purpose Hi-Lo Welding Gage

Cat # 2



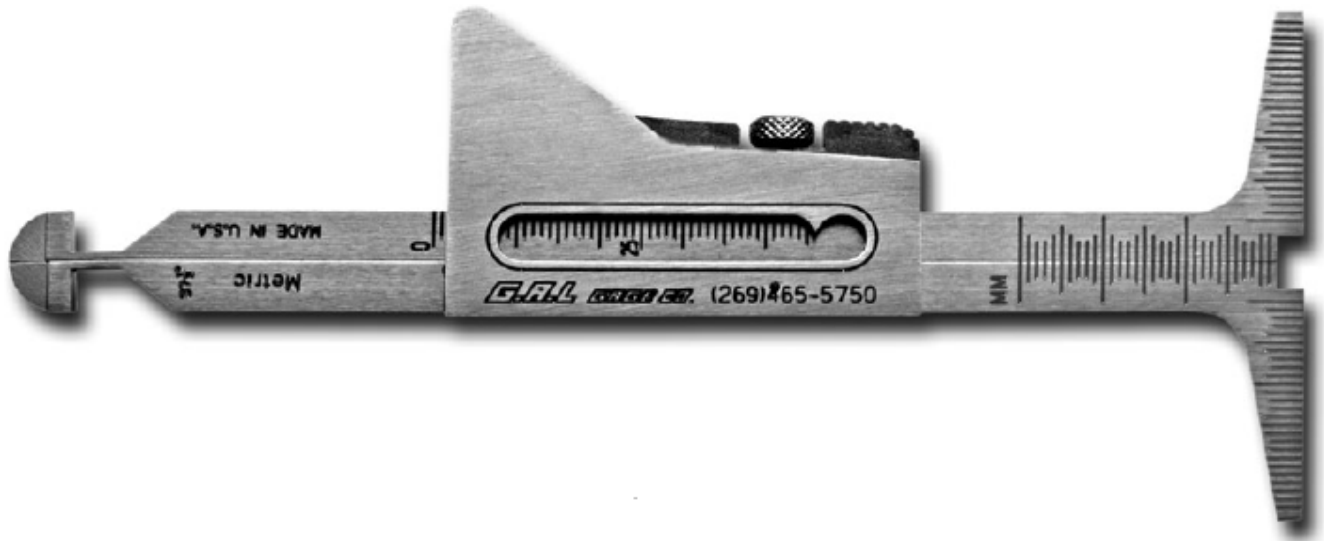
- Root Weld Space
- Eliminates Rejects - Improves Productivity
- Internal Misalignment

CAT # 1

Measures internal alignment of pipe after fit-up/alignment, cuts radiographic rejects

Measures internal misalignment of pipe before and after tracking

Measurements read in standard on one side and metric on the opposite side



V-WAC™ Gage

Checks essential measurements for NRC Visual Weld Acceptance Criteria for structural weldments.

Measure Undercut Depth

Set bottom of gage on base material. Set point on bottom of undercut. Read depth on scale at pointer. Locking screw can be tightened to hold reading for future reference.



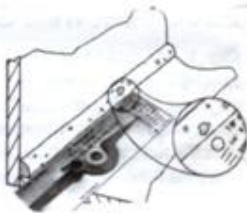
Measure Crown Height

Set bottom of gage on base material. Set point on top of crown. Read height on scale at pointer. Locking screw can be tightened to hold reading for future reference.



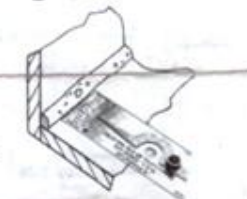
Compare Porosity

Set either 1/8 inch or 1/16 inch hole in gage next to pore to be checked. Compare size of pore against gage.



Measure Weld Length

Set end of gage with scale along weld. Read amount of porosity in 1 linear inch.



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G.A.L. GAGE CO.

P.O. BOX 218 • STEVENSVILLE, MICHIGAN 49127
PHONE: 269/465-5750 • FAX: 269/465-6385

Fillet Weld Gage

For inspection of concave or convex fillet welds.

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

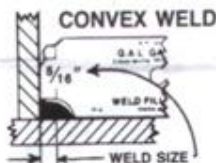
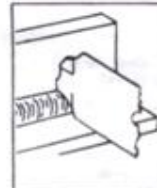
Each gage blade is made of 1 1/4" x 4" cold rolled stainless steel to resist rust and bending. Blades are deburred to remove rough edges. All sizes and numerals are laser engraved. The set of seven blades comes in a handy 2" x 4 1/2" pocket case weighing only 4 oz.



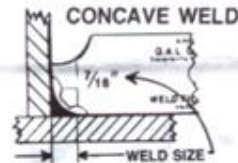
Accuracy Guaranteed.
New manufacturing process allows this unsurpassed accuracy of ± .005

G.A.L. Fillet Weld Gage is easy to use.

Gage blade must be flush to the base material with the tip touching the vertical member. Use the single arc corners for measuring CONVEX welds. Use the double arc corners for determining if the welds are concave (under size). If they are, more filler material is required to build weld throat to the size where the tip between the double arcs touch.



Place single arc edge flush to base material so blade tip touches vertical member. If tip touches the weld as it touches the vertical member, the weld is the size indicated.



Place double arc edge flush to the base material so tip touches vertical member. If the tip between the double arc touches the center of the weld, the weld is the profile desired and is the size indicated.



AUTOMATIC WELD SIZE WELD GAUGE

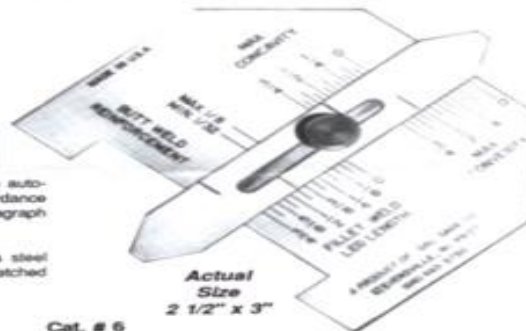
For Accurate Calibration of Butt and Fillet Type Welds.

With the new improved A.W.S. Gauge shown above it is possible to meet specifications of butt and fillet type welds. New redesigned instrument is pocket sized and easy to operate, new feature includes thumb screw which replaces old hard to operate rivet type.

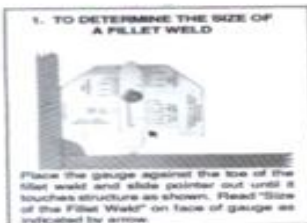
Diagrams at left illustrate the ease with which welders and inspectors may accurately check sizes of convex or concave fillets as well as butt weld reinforcements.

The convexity and concavity sizes have automatically been predetermined in accordance with American Welding Society D11, Paragraph 3.6.

Instrument is precision built of stainless steel with dimensional readings chemically etched and filed for easier reading.

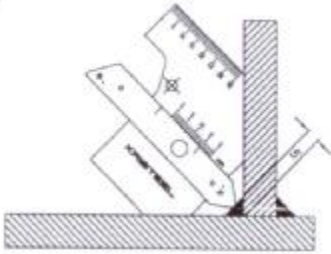


Cat. # 6



© 2006 GAL GAGE CO.

Check the Throat of Fillet Weld upto 12 mm.

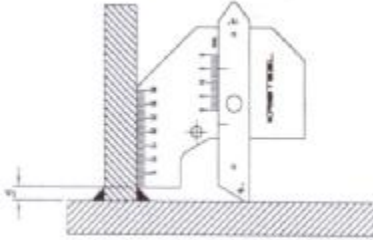


MULTI PURPOSE WELD GAUGE

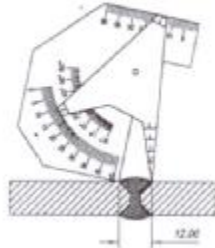
This rugged gauge, fabricated in Stainless steel, will measure the important dimensions of weld preparations and of completed Butt and Fillet welds. It is intended for general fabrication work in the shop or on-site and rapidly measures the following weld features: angle of preparation, excess weld metal, fillet weld leg length, throat size, misalignment and hole sizes for butt weld and butt weld reinforcement.

Scales graduated in metric units, Supplied in a protective case and Instruction leaflet.

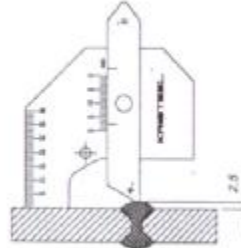
Check Leg Size of Fillet Weld upto 20 mm.



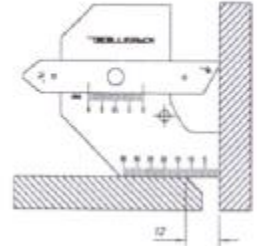
Check But Weld size upto 45 mm.



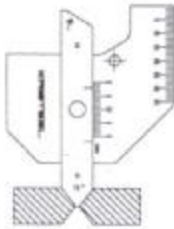
Check But Weld Reinforcement upto 18 mm.



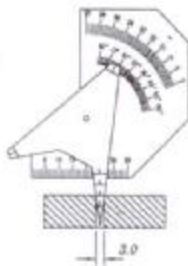
Check Plate Gap upto 35 mm.



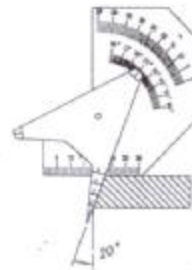
Check Plate Angle 60 and 75 degree.



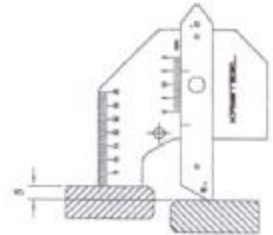
Check Hole size 1-5 mm.



Check Plate Angle upto 60 degree.



Check Mis-Alignment upto 20 mm.

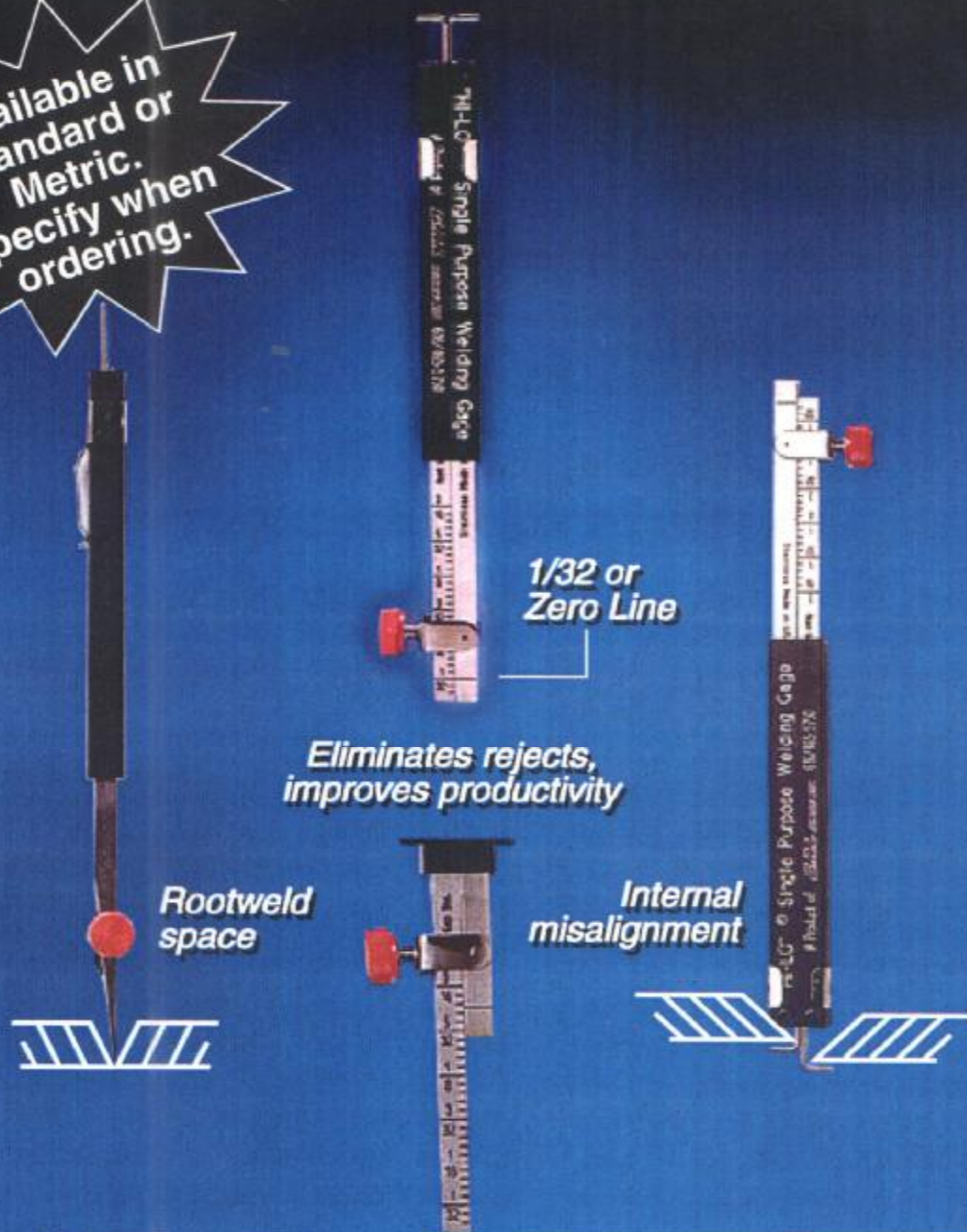


Welding Gauges

<p>Bridge Cam Gage (W-1) The following measurements are possible in either inches or millimeters Angles of preparation, 00 to 600 Excess Weld metal (Capping size) Depth of Undercut, Depth of Pitting Fillet Weld Throat size, Fillet Weld Length Misalignment (High-Low)</p>	<p>Economy Single Purpose Hi-Lo Welding Gage (W-7) Available in Standard or metric (Specify when ordering), Root weld space, Eliminate Rejects - Improves Productivity, Internal Misalignment</p>
<p>Automatic Weld Size Weld Gage (W-2) For accurate Calibration of Butt Fillet Type Welds Check Reinforcement Check the Throat of Fillet Weld Determine the Leg size of the Fillet Weld</p>	<p>Hi-Lo Welding Gage (W-8) Measures internal alignment of pipe after fit up /alignment, cuts radiographic rejects Measures internal misalignment of pipe before and after tracking Measurements read in standard on one side and metric on the opposite side.</p>
<p>Adjustable Fillet Weld Gage (W-3) Unequal leg measurement feature Measure Fillet Weld Measure Weld Throat Thickness</p>	<p>WTPS Gage (W-9) Measure Undercut 0.010 Deep Undercut shall be no more than 0.010 in. (0.25 mm) deep when the weld is transverse to the primary stress in the part that is undercut</p>
<p>Digital Welding Gage (W-4) Holds either the zero setting or measured value at any position for differential measurements Automatically turns on by moving the main scale or by pressing ON/OFF key. Automatically turns off after 4 minutes of inactivity conserving battery power.</p>	<p>7 Piece Fillet Weld Set (W-10) Checking Fillet Leg size Checking Fillet Throat size Stainless Steel</p>
<p>Pipe Pit Gage (W-5) The Pipe Pit Gage will give long life in the field or factory. Range is 0 to 1/2" in 1/64" & 0.020 increments Arm Can be locked in place at any dimension All stainless steel. Gage will fit in shirt pocket & Comes in pocket protector. Has Handy formula or Front Decimal Equivalents on Back</p>	<p>Skew - T Fillet Weld Gage (W-11) Use for - Checking Angle of Vertical Member Checking Weld Acute Side Checking Weld Obtuse Side Calculator A handy compilation of mathematical relationships between leg length, throats, skew angles and inspection dimensions. A must for designers and inspectors.</p>
<p>Fillet Weld Keys (W-6) Set Comes with Handy Key Chain & Pocket Pouch 11 Different sizes in Standard with metric equivalent Marking - 1/8" to 1" Use for : Checking Weld Leg size Checking Throat Dimension Checking Weld Dimension of Skewed Member</p>	<p>V-Wac Gage (W-12) Checks Undercut, Checks Crown Height, Checks Porosity, Checks Pits All Stainless Steel</p>

G.A.L. ECONOMY SINGLE PURPOSE HI-LO WELDING GAGE

Available in Standard or Metric. specify when ordering.

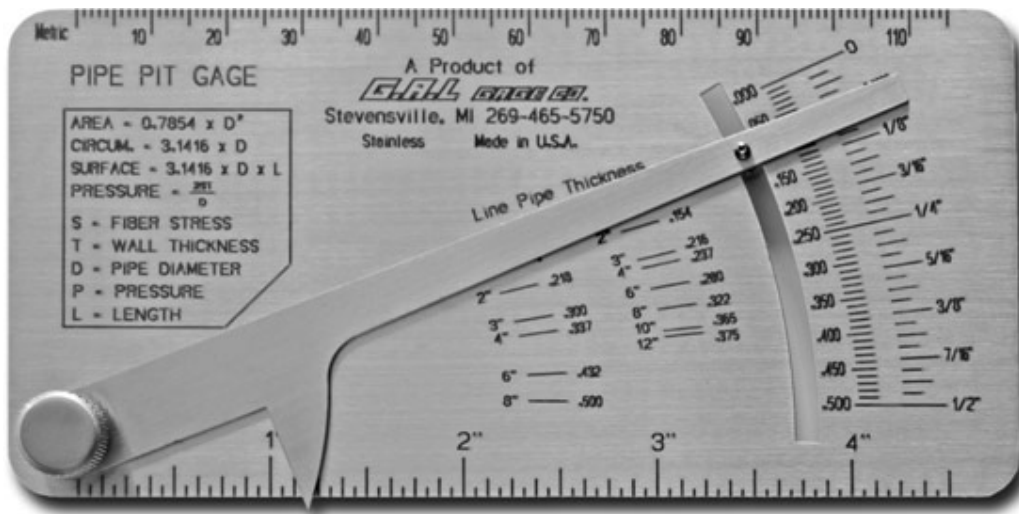


Eliminates rejects, improves productivity

Root weld space

Internal misalignment

G.A.L. GAGE CO.



PIPE PIT GAUGE

PIPE PIT GAUGE

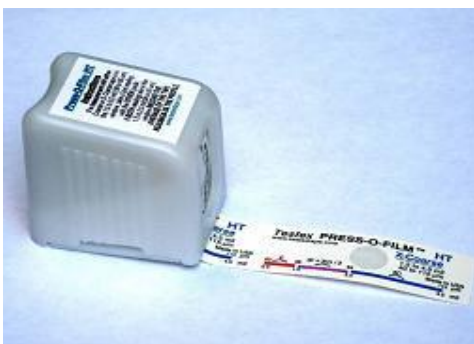
This small pocket sized stainless steel gauge is designed to identify the condition of Pipe like Depth of Pit, Pipe thickness etc. Useful for Pipe Welders, Pipe Coaters, Pipe manufacturers etc.. Gauge includes 110mm long scale in Metric and Inch. Conversion Table available on back side and formulas on top.

Range :- 0 to 13mm

Finish :- Polish

58 | **Press – O - Film**

Make	X Coarse
Range	-40 to 115 Micron
Rs.	4000



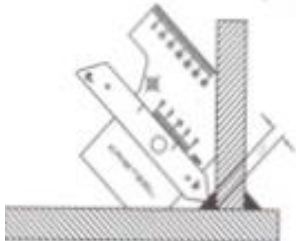
MULTI PURPOSE WELD GAUGE - TYPE A

This rugged gauge, fabricated in stainless steel, will measure the important dimensions of weld preparation and of completed Butt and Fillet welds. It is intended for general preparation and completed Butt and Fillet welds.

Features :-

Angle of preparation, Excess Weld Metal, Fillet Weld Leg Length, Throat Size, Misalignment and Hole Sizes for Butt Weld and Butt Weld reinforcement, Scales Graduated in Metric Units.

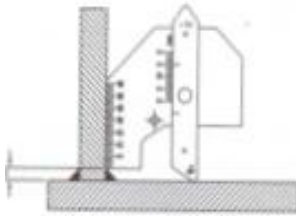
Check the Throat of Fillet Weld upto 12 mm. Check Butt Weld size upto 45 mm.



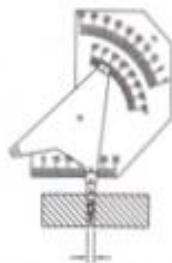
Check Leg Size of Fillet Weld upto 20 mm.



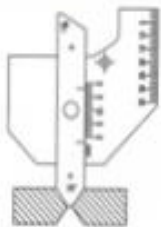
Check Hole size 1-5 mm.



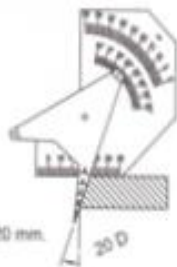
Check Plate Angle 60 and 75 degree



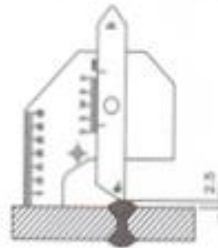
Check Plate Angle upto 60 degree



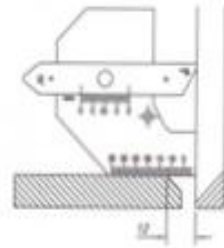
Check Mis-Alignment upto 20 mm.



Check Butt Weld Reinforcement upto 18 mm.



Check Plate Gap upto 35 mm.



BRIDGE CAM TYPE WELD GAUGE

Features :-

Angle of preparation (0 to 60°). Excess weld metal, Fillet weld leg length, throat size, misalignment and hole sizes for Butt weld and Butt weld reinforcement. General linear measurements up to 60 mm or 2 inches scales graduated in metric units.

Excess Weld Metal (Butt Weld Reinforcement)



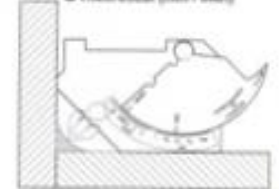
Fillet Leg Length



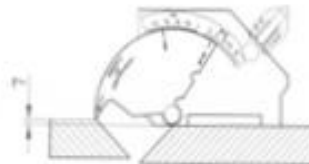
Angle Of Preparation For Butt Weld



Fillet Weld Throat Actual & Theoretical (mm / Inch)



Misalignment in Butt Weld



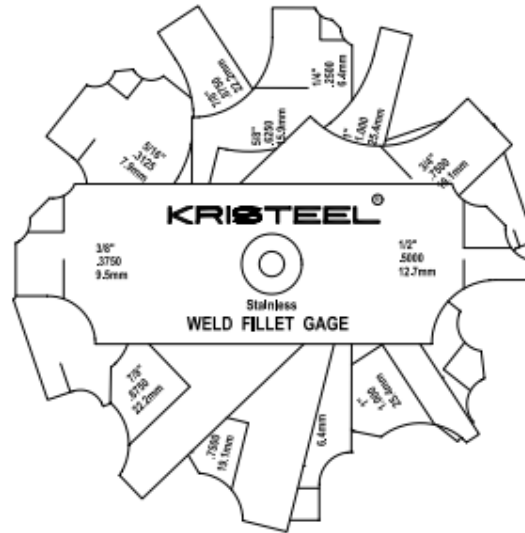
Undercut



For Inspection of concave or convex fillet welds.

Fillet weld gage 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 equivalent, to determine weld sizes, either concave or convex.

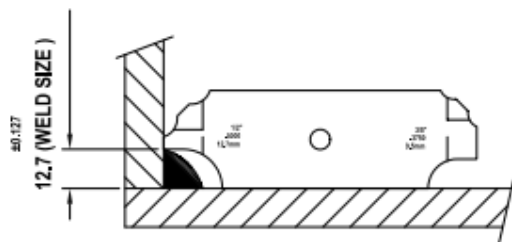
Each gage blade is made of 1.25" x 4" cold rolled stainless steel to resist rust and bending. blades are deburred to remove rough edges. All the sizes and numerals are chem etched permanent. The set of eleven blades comes in a handy 2" x 2.5" pocket case with the user manual weighing only 4 oz.



Fillet weld gage is easy to use.

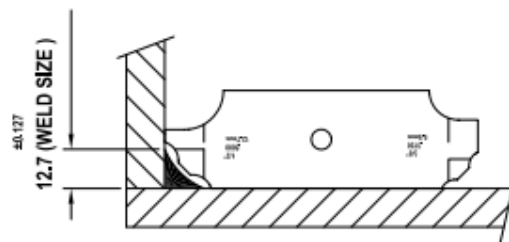
Gage blade must be flush to the base material with the tip touching the vertical member. Use the single arc corners for measuring CONVEX welds. Use the double arc corners for determining if the welds are CONCAVE (under size). If they are, more filler material is required to build weld throat to the size where the tip between the double arcs touch.

TO CHECK CONVEX WELD FILLET SIZE



Place single arc edge flush to base material so blade tip touches vertical member. If tip touches the weld as it touches the vertical member, the weld is the size indicated.

TO CHECK CONCAVE WELD FILLET SIZE



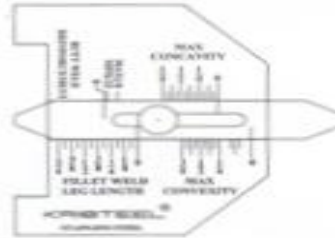
Place double arc edge flush to the base material also tip touches vertical member. If the tip between the double arc touches the center of the weld, the weld is the profile desired and is the size indicated.

AUTOMATIC WELD GAUGE

Range: As per given in following diagrams.
Finish: Polished

Features:-

Tolerance Of Convexity,
Tolerance Of Reinforcement,
Concavity And Underfill,
Determine Size Of Fillet Weld.
Scales Graduated In Metric Units.



1. TO CHECK THE PERMISSIBLE TOLERANCE OF CONVEXITY



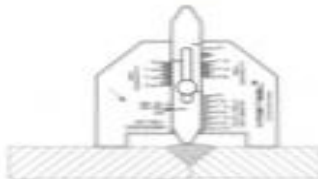
After the size of a convex Weld has been determined, Place the gauge against the structure and slide pointer until it touches face of fillet Weld as shown. The maximum Convexity should not be greater Than indicated by "maximum Convexity scale" as indicated By arrow for the size of fillet Being checked.

2. TO CHECK THE PERMISSIBLE TOLERANCE OF CONCAVITY AND UNDERFILL



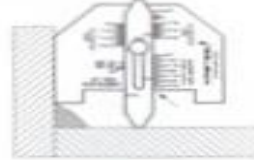
Place the gauge against structure and slide pointer out until it touches the face of the fillet weld as shown. If the pointer does not touch as shown, the fillet Requires additional weld Metal.

3. TO CHECK THE PERMISSIBLE TOLERANCE OF REINFORCEMENT



Place gauge so that Reinforcement will come between legs of gauge and slide pointer out until it touches the face of weld as shown.

4. TO DETERMINE THE SIZE OF A FILLET WELD



Place the gauge against the toe of the fillet weld and slide pointer out until it Touches structure as shown. Read Size of the fillet weld on face of gauge as indicated By arrow.

12 Leaves Weld Gauge cum Radius Gauge Set (WRGS – 12L)



12 Leaves Weld Gauge cum Radius Gauge Set (WRGS – 12L)

This Rugged Gauge is used to measure:-

- 1) Internal Misalignment
- 2) Pipe wall thickness
- 3) Fit-up Gap
- 4) Gauge Bevel on end preparations
- 5) Fillet Weld Size
- 6) Crown Height of butt Welds

It is also used to eliminate the major cause of socket weld cracking.

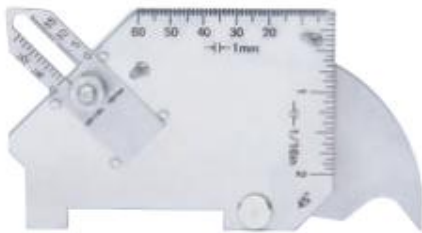


INSIZE MAKE

WELDING GAUGE

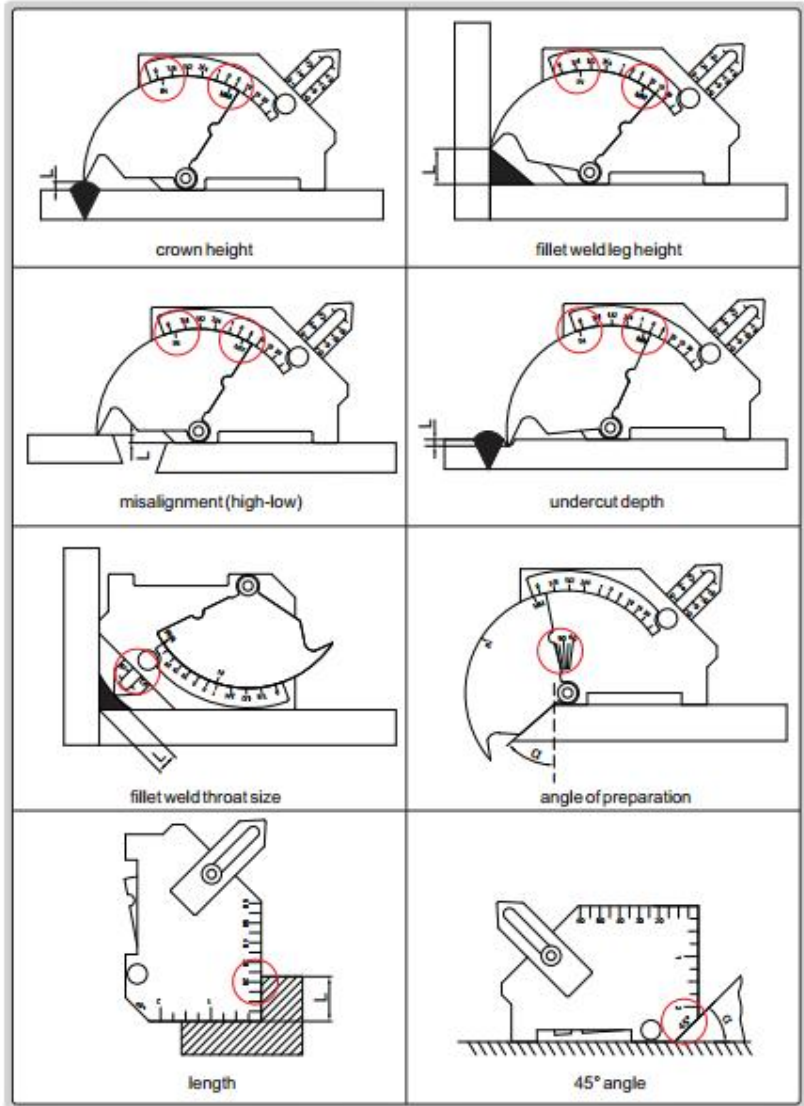


front



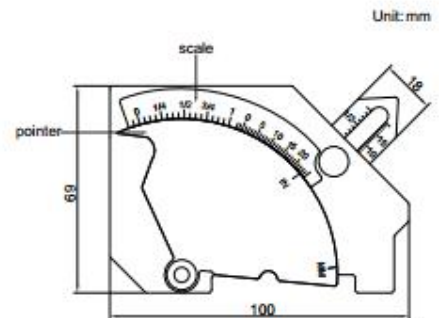
back

4835-1



- Adjustable scale to compensate pointer wear
- Made of stainless steel

Code	Measurement	Range	Graduation	Accuracy
4835-1	crown height	0 - 25mm (0 - 1")	1mm (1/16")	±0.5mm
	fillet weld leg height	0 - 25mm (0 - 1")	1mm (1/16")	±0.5mm
	misalignment (high-low)	0 - 25mm (0 - 1")	1mm (1/16")	±0.5mm
	undercut depth	0 - 2mm (0 - 1/8")	1mm (1/16")	±0.5mm
	fillet weld throat size	0 - 20mm (0 - 3/4")	1mm (1/16")	±0.5mm
	angle of preparation	0 - 60°	5°	±1°
	length	0 - 60mm (0 - 2")	1mm (1/16")	±0.5mm
	45° angle	—	—	±1°



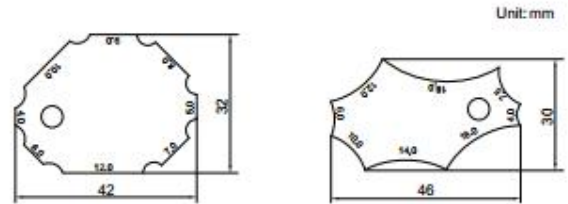
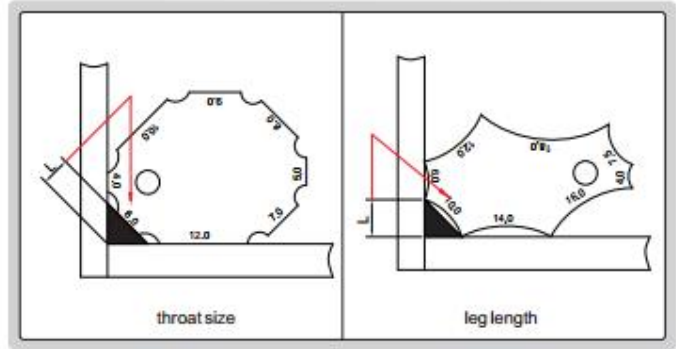
FILLET WELD GAUGE



4832-1

- Made of stainless steel
- Sizes marked on both faces

Code	Throat size (mm)	Leg length (mm)	Accuracy
4832-1	4, 5, 6, 7, 8, 9, 10, 12	4, 6, 7.5, 10, 12, 14, 16, 18	±0.5mm



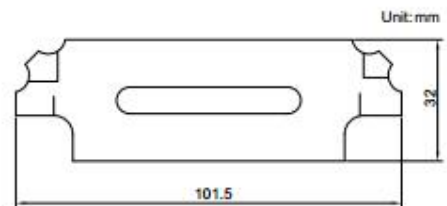
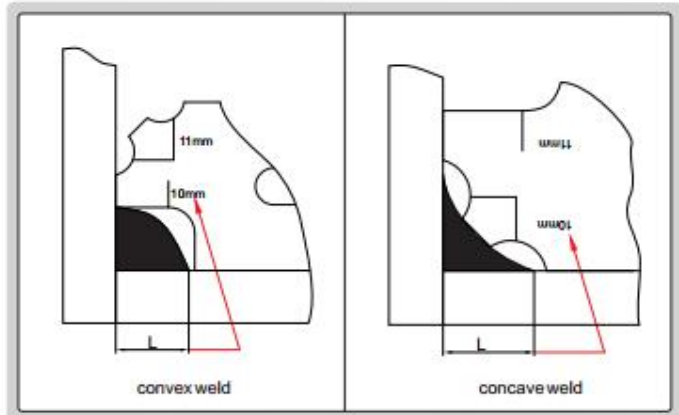
FILLET WELD GAUGE



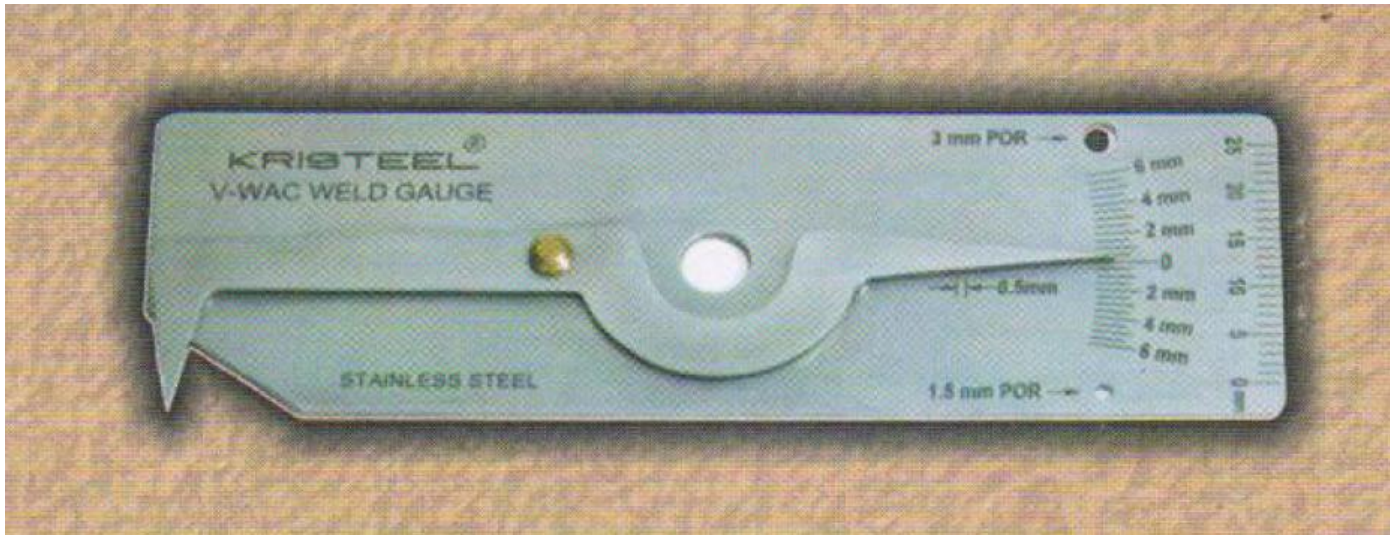
4836-1

- Measure concave and convex weld sizes
- 7 blades are included
- Each blade measures two sizes of concave and convex weld
- Made of stainless steel

Code	Size (mm)	Accuracy
4836-1	3, 4, 5, 6, 8, 9, 10, 11, 12, 14, 16, 19, 22, 25	±0.5mm



V Wac Weld Gauge - Kristeels



Welder Kit – Kristeel

