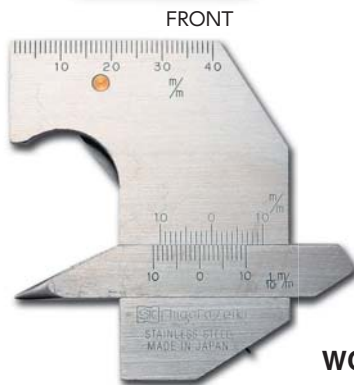
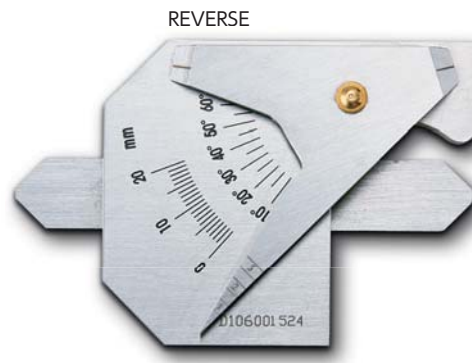
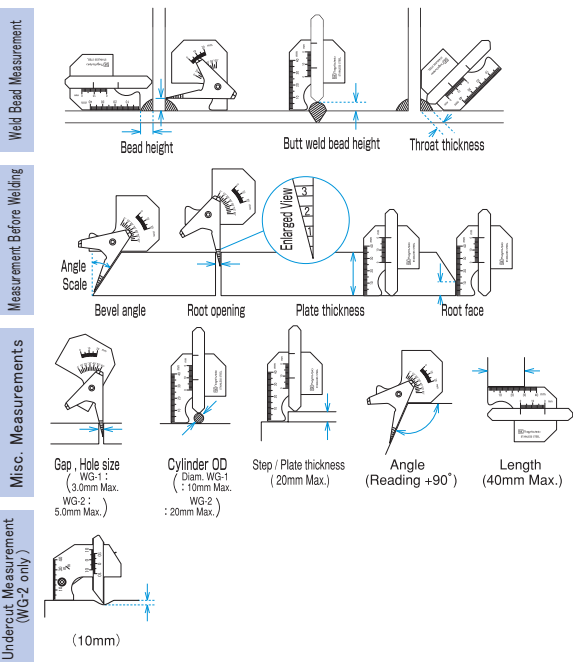


WG-1

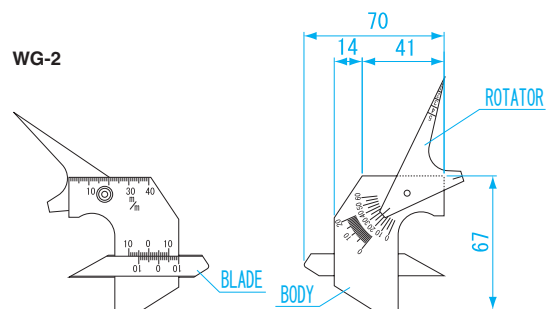
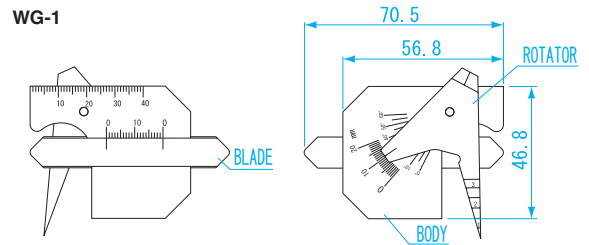


WG-2



DIMENSIONS

Units : mm



BLOCK GAUGES

PIN GAUGES

PIN VISE

PIN GAUGE ACCESSORIES

GAUGES

THREAD GAUGES

PLUG GAUGES

RING GAUGES

THICKNESS GAUGES

TAPER GAUGES

WELDING GAUGES

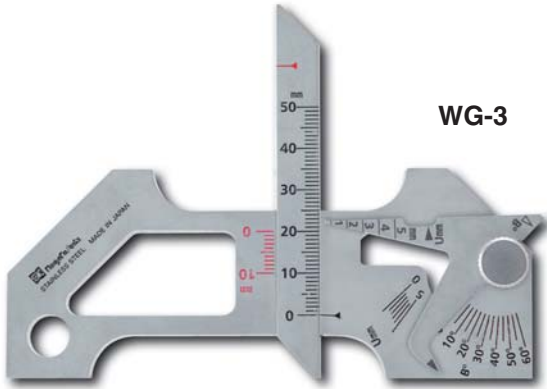
OTHER GAUGES

- USE** • For measuring fillet weld, bead weld, etc.
- MATERIAL** • Stainless steel (SUS410)
- FEATURES** • Efficient for welding and quality control
• Tough and portable (with vinyl case)

Order No.	Model No.	Measurement Accuracy for Throat Thickness of Fillet Weld	Bevel Angle Accuracy	Accuracy	Weight
007502	WG-1 (M)	± 0.4mm	± 0.7°	± 0.4mm	79g
007503	WG-2 (L)	± 0.2mm	± 0.7°	± 0.4mm	91g

WELDING GAUGE

New product! Gauges with new features added to existing welding gauge line-up
Measure weld reinforcement height up to 50mm

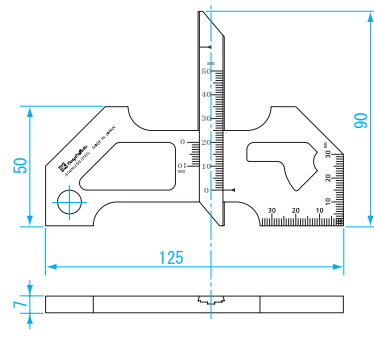
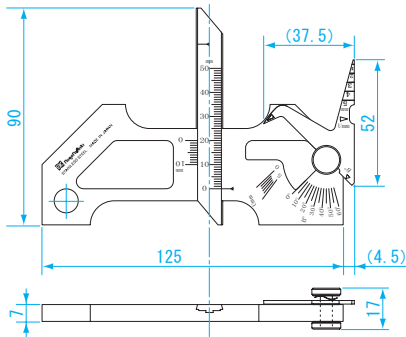

WG-3

WG-5
DIMENSIONS

Units : mm

DIMENSIONS

Units : mm



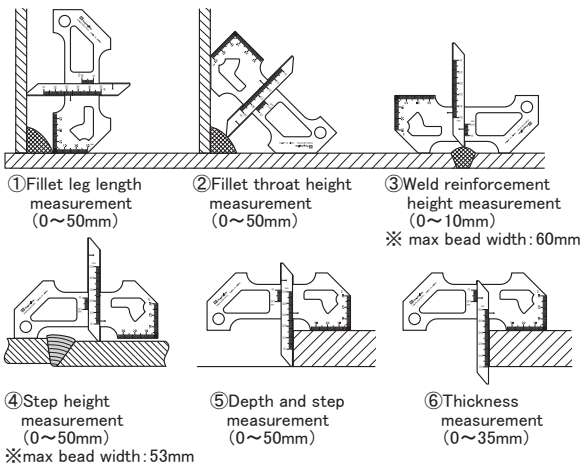
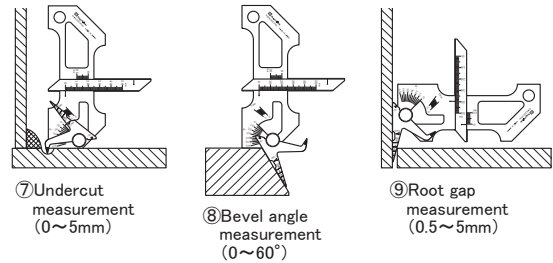
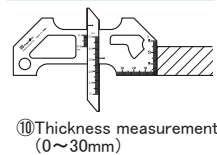
USE • Measurement of size and alignment of bead, gap size, undercut, etc.

MATERIAL

- Stainless Steel (SUS410) Silver finish

FEATURES

- Speed up and streamline the quality control of welding
- Measures weld reinforcement height up to 50mm
- Wide base for stability during measurements
- Pivoting gauge provides a variety of measurement functions
- Translucent case for easy confirmation of contents

Measurement Functions
WG-3, WG-5 capabilities

WG-3 only

WG-5 only


Order No.	Model No.	Weight
007506	WG-3	198g
007507	WG-5	187g

BLOCK GAUGES

PIN GAUGES

PIN VISE

PIN GAUGE ACCESSORIES

GAUGES

THREAD GAUGES

PLUG GAUGES

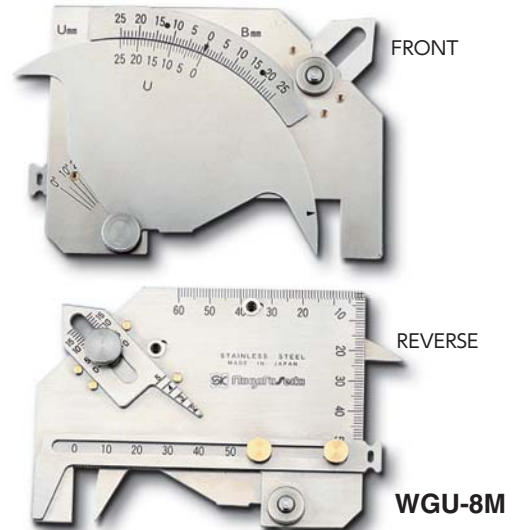
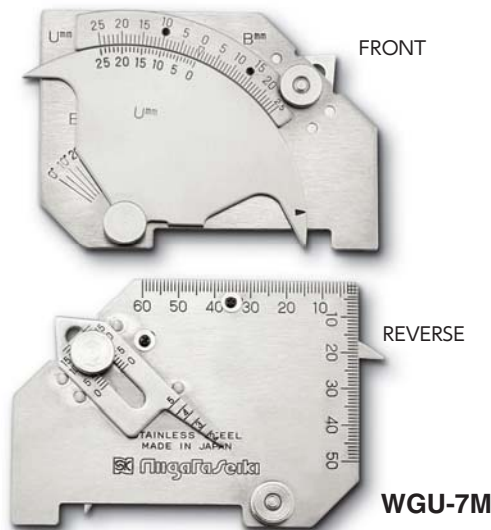
RING GAUGES

THICKNESS GAUGES

TAPER GAUGES

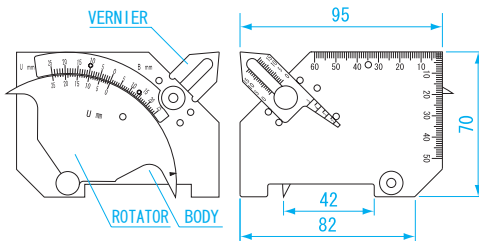
WELDING GAUGES

OTHER GAUGES



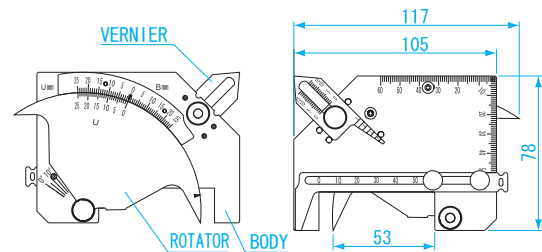
DIMENSIONS

Units : mm



DIMENSIONS

Units : mm



USE • For wide of variety welding measurements

Undercut depth/ Groove angle/ Inconsistent level
Height of fillet weld & bead weld/ Throat thickness of fillet
Root opening/ Plate thickness

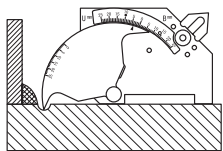
MATERIAL • Stainless steel (SUS410)

FEATURES

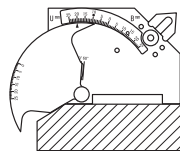
- Long usage life, rust and corrosion resistant and extremely durable as well as being light weight
- Very convenient to the welding process involving steel frame assembly such as general welding, ship building, bridge construction, etc.
- Easy reading scale

MEASUREMENT FUNCTION

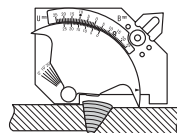
WGU-7M, WGU-8M, WGU-9M common functions



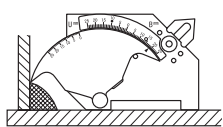
① Undercut depth (0~25mm)



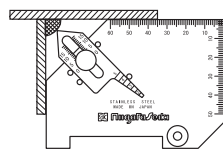
② Bevel angle (WGU-7M: 0~60°) (WGU-8M-WGU-9M: 0~70°)



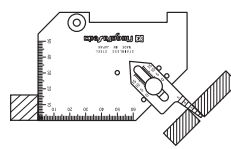
③ Bead striding width (WGU-7M: 42mm) (WGU-8M-WGU-9M: 53mm) Step difference (0~25mm)



④ Height of fillet & bead weld (0~25mm)

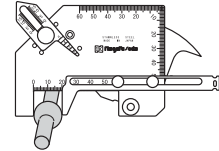


⑤ Throat thickness of fillet weld (0~15mm)

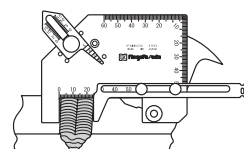


⑥ Root opening (2~5mm) ⑦ Plate thickness (scale)

WGU-8M, WGU-9M common functions



⑧ External diameter of circular workpiece
WGU-8M: up to 30mm
WGU-9M: up to 50mm



⑨ Width of bead weld (0~53mm)

Order No.	Model No.	Weight
007513	WGU-7M	150g
007514	WGU-8M	190g

BLOCK GAUGES

PIN GAUGES

PIN VISE

PIN GAUGE ACCESSORIES

GAUGES

THREAD GAUGES

PLUG GAUGES

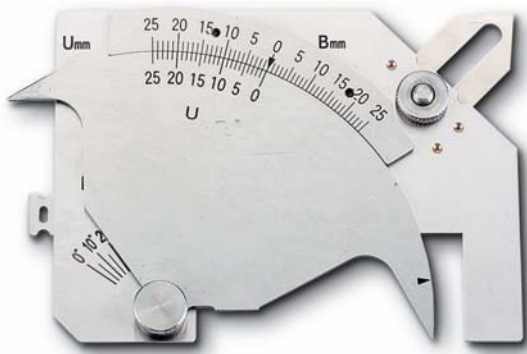
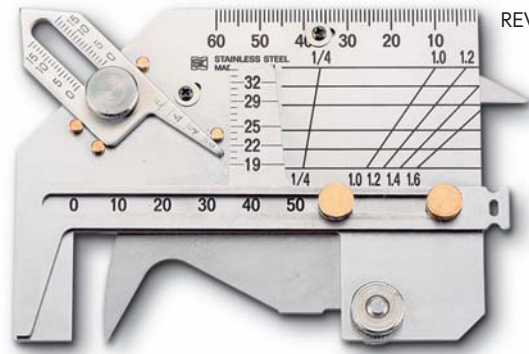
RING GAUGES

THICKNESS GAUGES

TAPER GAUGES

WELDING GAUGES

OTHER GAUGES


FRONT

REVERSE
USE

- For a wide variety of welding measurements
- Undercut depth/ Groove angle/ Inconsistent level
- Height of fillet weld & bead weld/ Throat thickness of fillet
- Root opening/ Plate thickness/ External diameter of circular workpiece/ Width of bead weld

MATERIAL

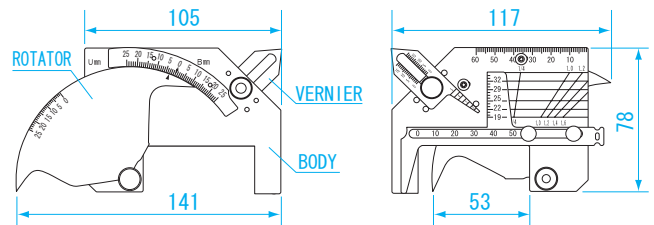
- Stainless steel (SUS420J2)

FEATURES

- Additional functions for measurement of
 - external diameter of circular workpiece
 - swelling of pressure welded reinforcing iron
 - width of bead weld
- Bead stride width: 53mm
- Bevel angle range: 0-70°
- Higher accuracy undercut measurement function

DIMENSIONS

Units : mm



BLOCK GAUGES

PIN GAUGES

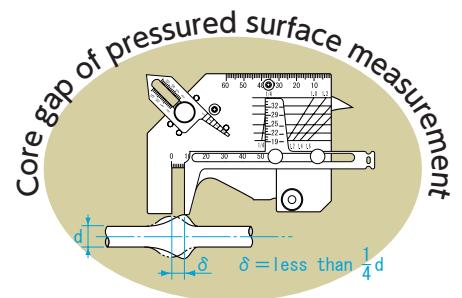
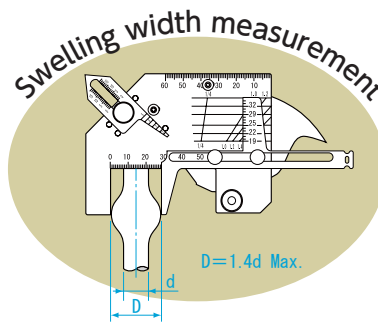
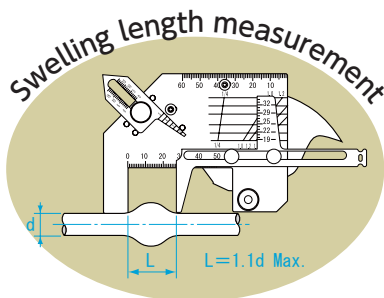
PIN VISE

PIN GAUGE ACCESSORIES

Additional functions

Provides quick way to measure the diameter of welded rebar to insure proper dimensions of weld seam.

Scale marked for material diameter (ϕ 19, 20, 25, 29, 32) corresponding to various rebar diameters, and amount of expansion (1/4, 1.0~1.6). You can quickly find the ratio by reading the intersection of the two scale lines.


GAUGES

THREAD GAUGES

PLUG GAUGES

RING GAUGES

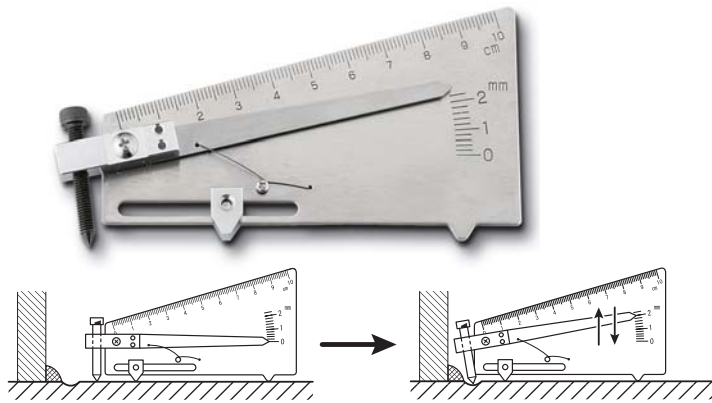
THICKNESS GAUGES

TAPER GAUGES

WELDING GAUGES

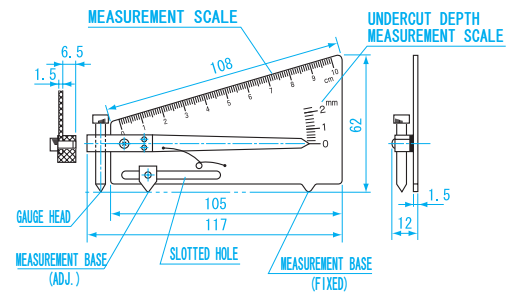
OTHER GAUGES

Order No.	Model No.	Rebar diameter (mm)	Expansion	Weight
007515	WGU-9M	ϕ 19 ~ 35	1/4, 1.0 ~ 1.6	190g



DIMENSIONS

Units : mm



Zero Adjustment

1. Press this gauge to the measuring sample.
2. Adjust Zero point adjustment screw to indicate 0, insuring that all three points contact surface.

Measurement

After 0 adjustment, put the tool on undercut and the spring will move indicator arm to show depth of undercut on graduation.

USE • For undercut depth and length measurement (Scale range : 0-2mm)

MATERIAL

- Stainless steel (SUS410)

FEATURES

- Easy to measure depth and length of undercut
- Capable of 0 adjustment with screw type of gauge head

SPECIFICATIONS

- Exclusive use for undercut measurement (minimum reading : 0.2mm)

Order No.	Model No.	Weight
007521	WGU-25	100g

BLOCK GAUGES

PIN GAUGES

PIN VISE

PIN GAUGE ACCESSORIES

WELDING GAUGE

THREAD GAUGES

PLUG GAUGES

RING GAUGES

THICKNESS GAUGES

TAPER GAUGES

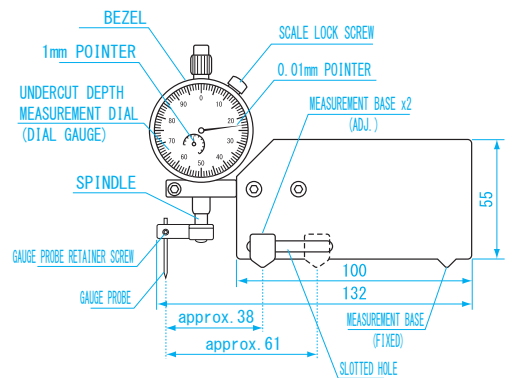
WELDING GAUGES

OTHER GAUGES

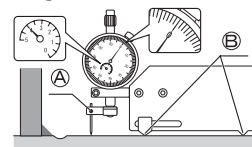


DIMENSIONS

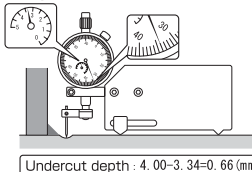
Units : mm



(Figure 1)



(Figure 2)



Zero Adjustment

Recommended to be performed on a flat surface such as a surface plate.

- ① Loosen GAUGE PROBE RETAINER SCREW using hex key.
- ② Place Welding Gauge on surface insuring all three points of MEASUREMENT BASE are making contact (2x ADJ. 1x FIXED) and push on SPINDLE shaft. When 1mm POINTER indicates 4.00mm, tighten GAUGE PROBE RETAINER SCREW. (Insure that probe tip is in contact with the surface plate)

Measurement

- ① Place the gauge on a flat surface and rotate BEZEL to indicate 0.01mm. (Figure 1)
- ② Place PROBE tip on weld undercut point to be measured. (Figure 2)
- ③ Undercut value is obtained by subtracting Dial Gauge reading from 4.00mm.

USE • Exclusive use for undercut measurement

FEATURES

- Stainless steel (SUS420J2)
- Easy and accurate to measure depth and length of undercut
- Dial gauge type performs more precise measurement
- Three point support for stable measurement

SPECIFICATIONS

- Measurement range : 0 ~ 4.00mm
- Minimum reading : 0.01mm
- Accuracy : ± 0.04 mm
- Width of measurement base : ≈ 23 mm

Order No.	Model No.	Weight
007520	FDW-1	280g

DIGITAL WELDING GAUGE

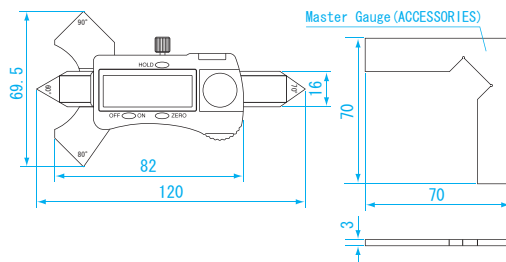


Essential for welding process. Digital welding gauge specialized for measuring fillet weld and bead weld height
 Provided with zero setting master gauge



DIMENSIONS

Units : mm



USE • For measuring the size of fillet weld and bead weld

MATERIAL

- Stainless steel

FEATURES

- Easy to read with digital display
- Bevel angle: 60° , 70° , 80° , 90°
- Master gauge included
- Hold function

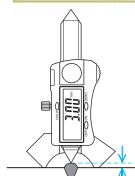
SPECIFICATIONS

- Throat thickness : 20mm
- Bead height : 10mm
- operating temperature : 0 ~ 40°C

POWER

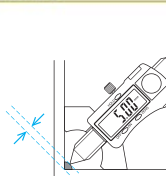
- SR44 or LR44, one included for testing

Weld reinforcement height measurement

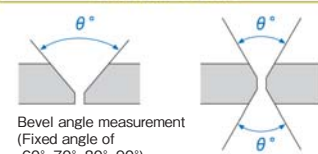


Bead Height
Maximum measurement 10mm

Measurement before welding process



Throat thickness
Maximum measurement 20mm

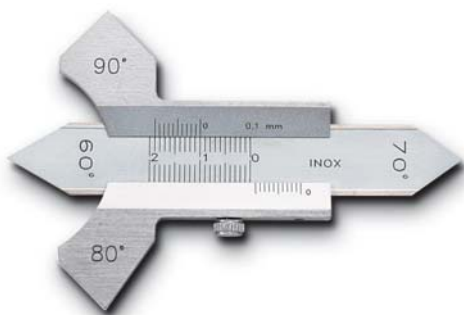


Bevel angle measurement
(Fixed angle of 60°, 70°, 80°, 90°)

Order No.	Model No.	Resolution (mm)	Accuracy※ (mm)	Weight
007526	DWG-20G	0.01	± 0.03	130g

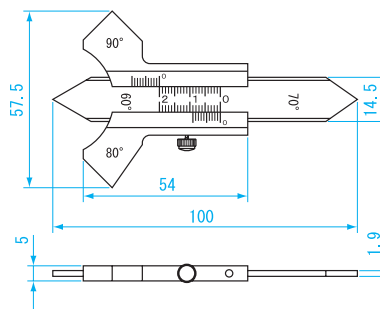
※ Quantization Error (± 1 digit) not included

WELDING GAUGE



DIMENSIONS

Units : mm



USE • Use for measuring the size of fillet weld and bead weld

MATERIAL

- Stainless steel

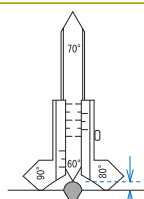
FEATURES

- Bevel angle: 60° 70° 80° 90°

SPECIFICATIONS

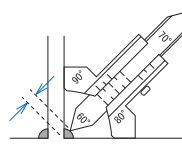
- Fillet weld : 11mm
- Bead weld : 8mm
- Accuracy: ± 0.2mm
- Minimum reading : 0.1mm

Weld Bead Measurement

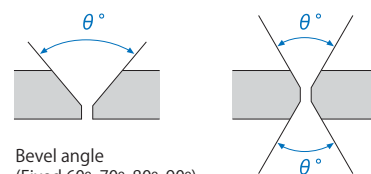


Bead height
Maximum measurement 8mm

Measurement Before Welding



Throat thickness
Maximum measurement 11mm



Bevel angle
(Fixed 60°, 70°, 80°, 90°)

Order No.	Model No.	Weight
007516	AWG-10	80g