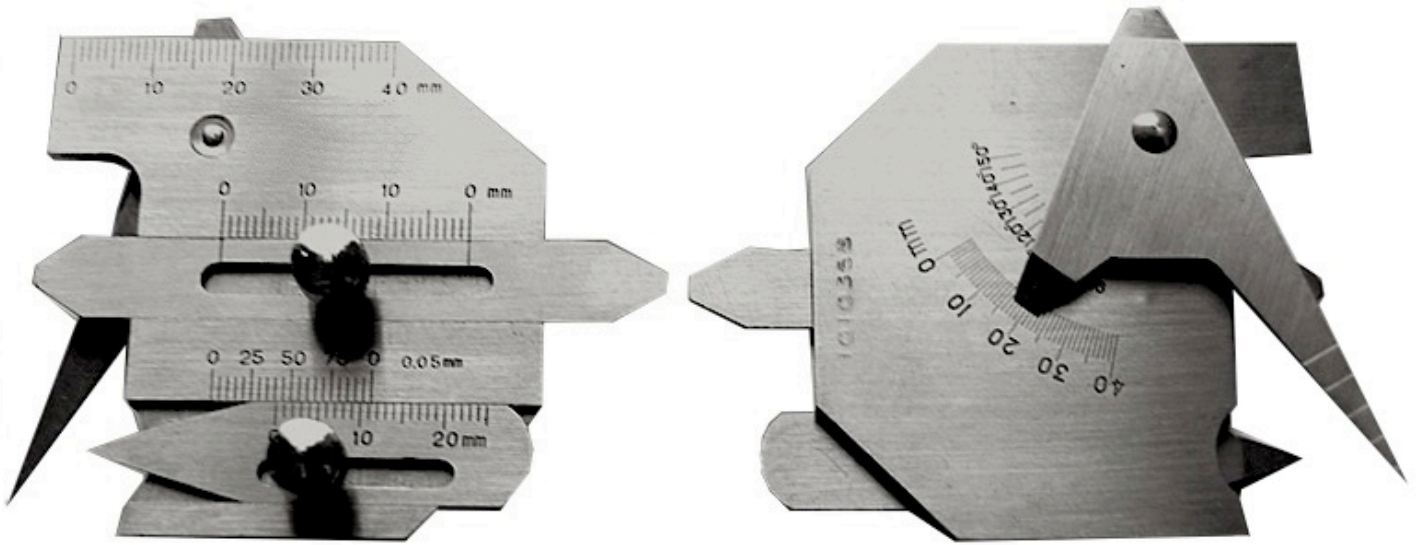


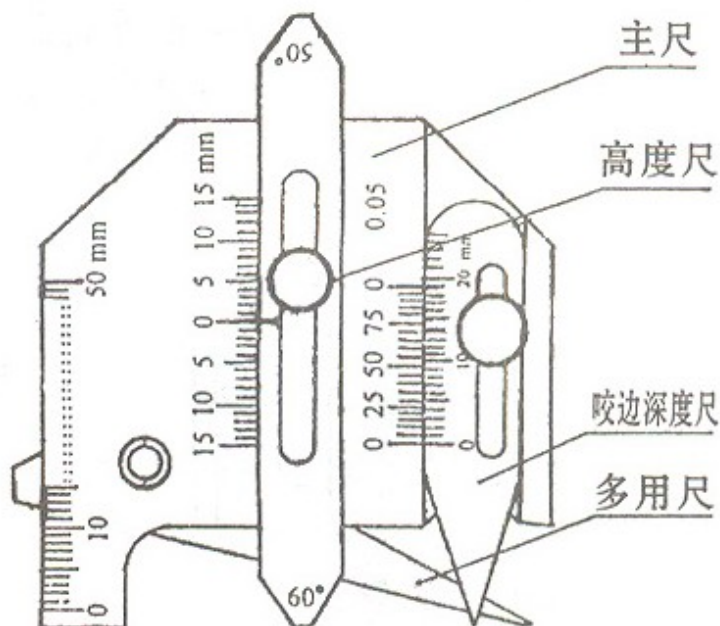
Welding inspection feet WG2+

(China)



Direction for Use

The product mainly consists of a main ruler, a height gauge, an undercut depth gauge and a multi-purpose gauge. It is a welding inspection ruler used to detect various groove angles, heights, widths, clearances and undercut depths of a weldment, is applied to the detection of boilers, bridges, shipbuilding, pressure vessels and oil field pipes, and is also used to measure parts with higher requirements on welding quality.

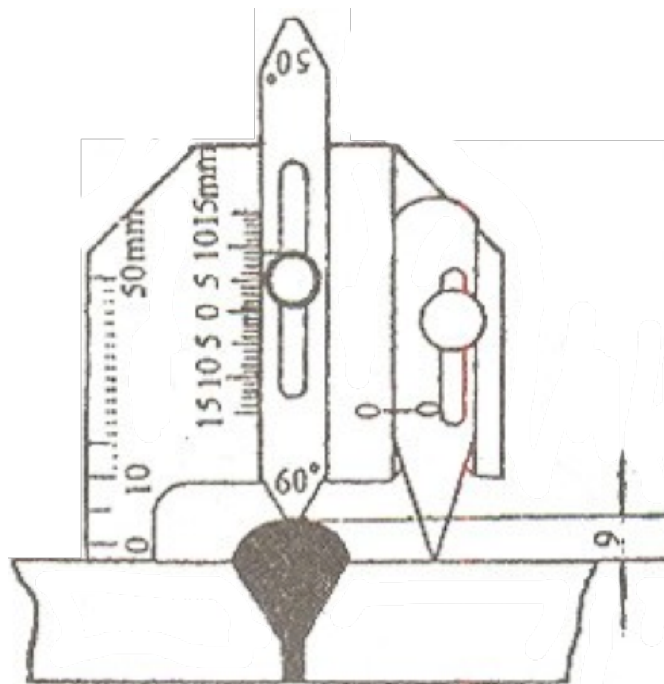


Measuring Items		Range	Tolerance for Indicating Value
Height	Flat Height	0-15	± 0.2
	Height of Fillet Weld		± 0.2
	Height of Fillet Weld		± 0.2
Width		0-60	± 0.3
Depth of Weld Undercut		0-5	± 0.1
Depth of Weld Undercut		80° - 160°	$\pm 30'$
Gap Size		0.5-5	± 0.1

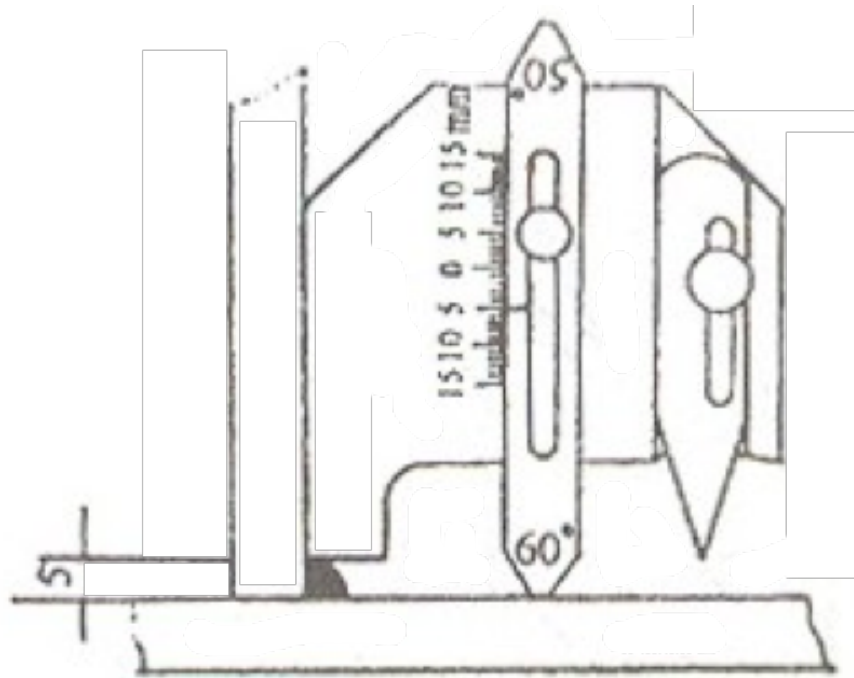
The product made of stainless steel is reasonable in structure, good in appearance, convenient in use and wide in measuring range.

Method of Application

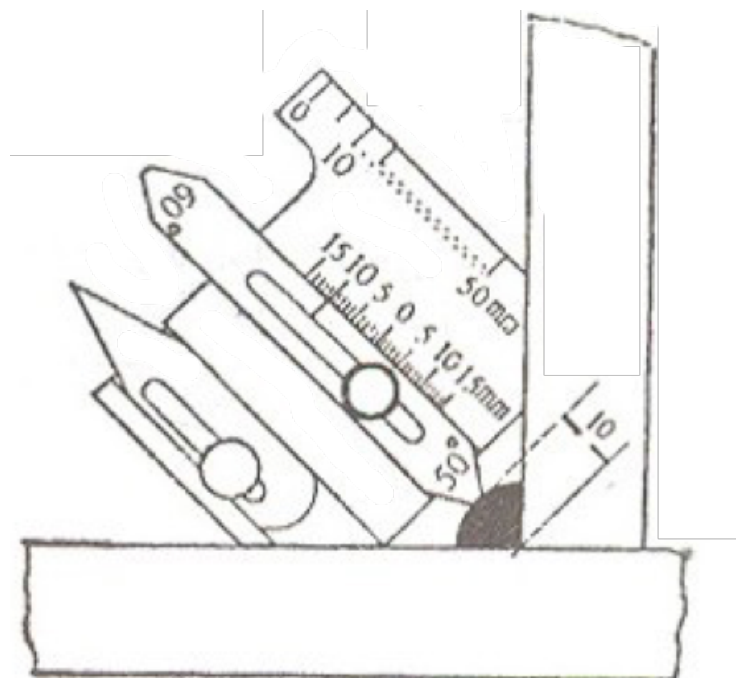
Measure the height of a flat weld: first align the undercut gauge and the depth gauge to zero and fix the screw; and then move the height gauge to touch the welding spot and see the indicating value of the height gauge for the height of the weld



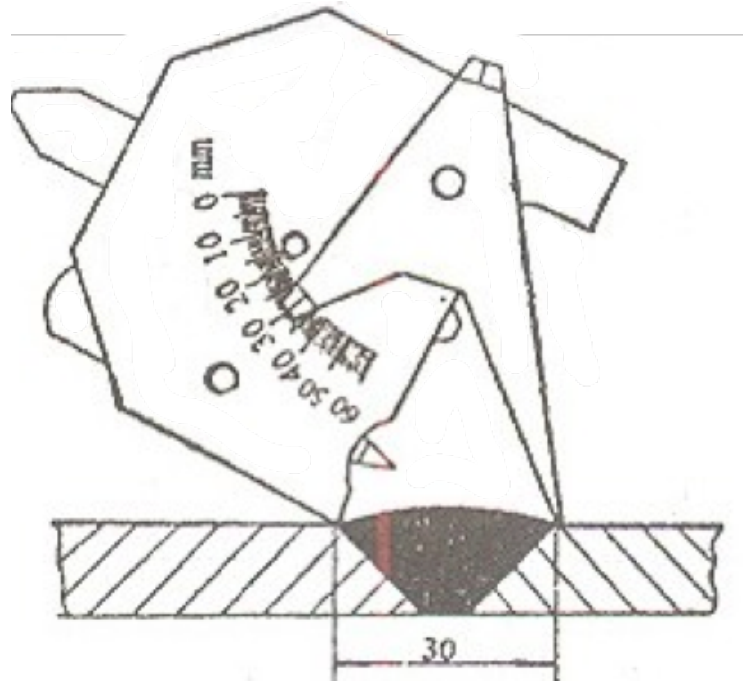
Measure the height of a fillet weld: close up the working face of the ruler to the weldment and the welding spot. Move the height gauge to touch the other side of the weldment and see the indicating line of the height gauge for the height of the fillet weld.



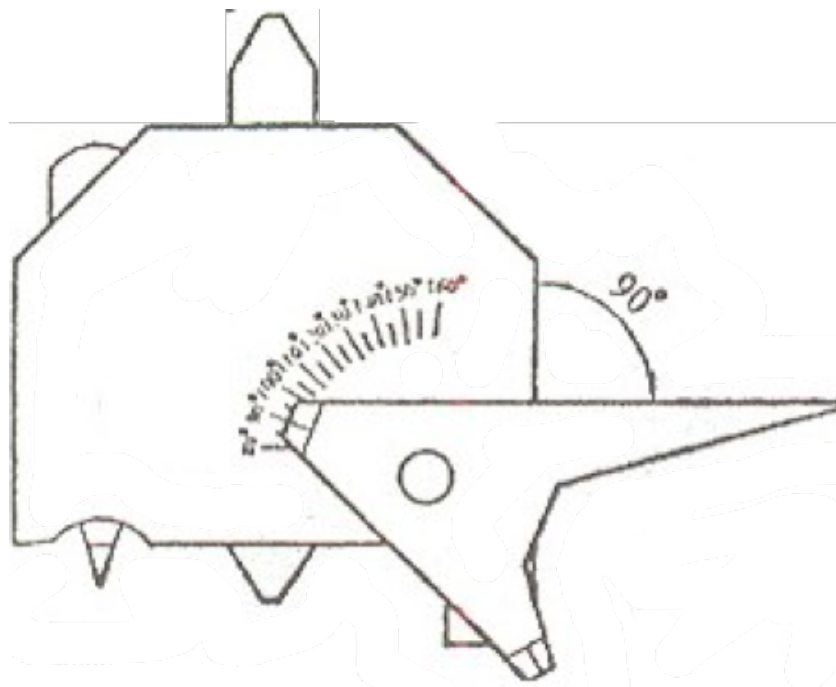
Measure the fillet weld: the welding spot at 45 degrees is the thickness of the fillet weld. First close up the working face of the main body to the weldment; move the height gauge to touch the welding spot; and see the indicating value of the height gauge for the thickness of the fillet weld.



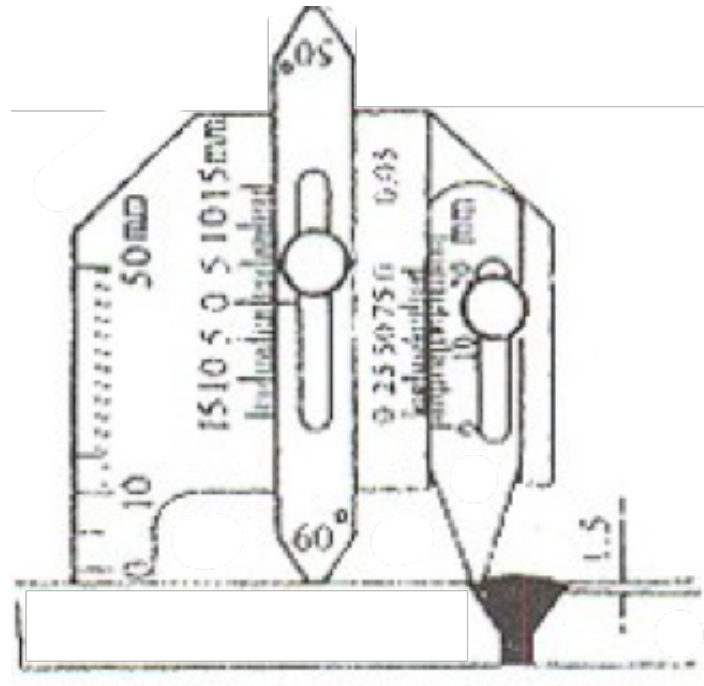
Measure width of the weld: close up the main measuring angle to one side of the weld firstly; then rotate the measure angle of the multi-purpose gauge to close up to the other side of the weld; and see the indicating value of the multi-purpose gauge for the width of the weld.



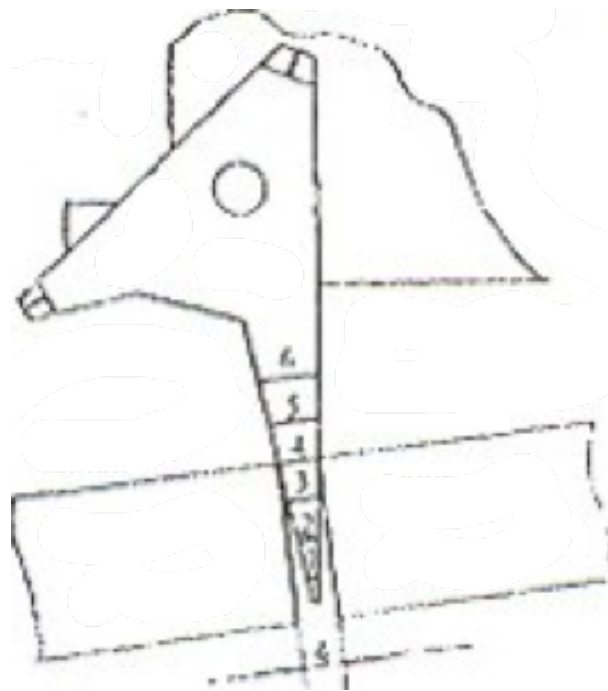
Measure the groove angle of the weldment: coordinate the main ruler with the multi-purpose gauge in accordance with the required groove angle of the weldment. See the angle formed by the working face of the main ruler and the multi-purpose gauge. See the indicating value of the multi-purpose gauge for the groove angle.



Measure the undercut depth of the weld: first align the height gauge to zero and fix the screw; and use the undercut gauge to measure the undercut depth and see the indicating value of the undercut gauge for the undercut depth.



Measure a fit-up gap: insert the multi-purpose gauge between two weldments; and see the indicating value of the gap gauge on the multi-purpose gauge for the gap value.



Maintenance Method

1. Do not stack the welding inspection ruler together with other tools to avoid scratches caused by deformation, blurred lines and impaired accuracy.
2. Do not scrub the calibration with amyl acetate.
3. Do not use the gap gauge on the multi-purpose gauge as a tool.