

## Fillet Weld Gauge

Accuracy Guaranteed

New Manufacturing Process Allows This Unsurpassed Accuracy of  $\pm 0.2$  mm

Fillet Weld Gauge allows fast, accurate measurement Of 14 fillet weld sizes: 3, 4, 5, 6, 7, 8, 10, 12, 14, 16, 18, 20, 22, and 25mm, to determine weld sizes, either concave or convex.

Each gauge blade is made of 304 cold rolled 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. The set of seven blades comes in a handy 102mm x 33mm pocket case weighing only 120g.

- The gauge is built of stainless steel with dimensional readings chemically etched and filled for easier reading.
- To check the permissible tolerance of convexity. With the new improved Fillet gauge you can meet specifications of butt and fillet type welds.
- New redesigned instrument is pocket size and easy to operate
- Welders and inspectors may accurately check size of convex or concave fillets as well as butt weld reinforcements.

The convexity and concavity size have automatically been predetermined in accordance with American Welding Society D1.1 Paragraph 3.6.

Gauge 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, (undersize). If they are, more filler material is required to build weld throat to the size where the tip between the double arcs touch.

### Fillet Weld Gauge is easy to use:

#### Convex Weld

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

#### Concave Weld

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

#### Serial No. Description

WG-8 Standard & Metric Gauge

WG-8A Gauge w/ Markings Both Sides

**Fillet Weld Gauge , Made in IRAN**

+982165565901

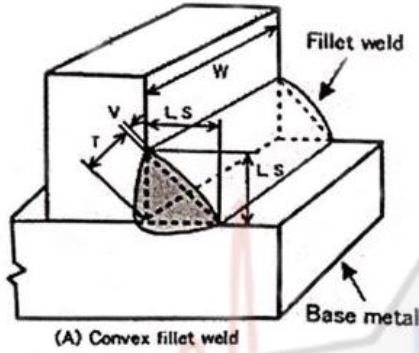
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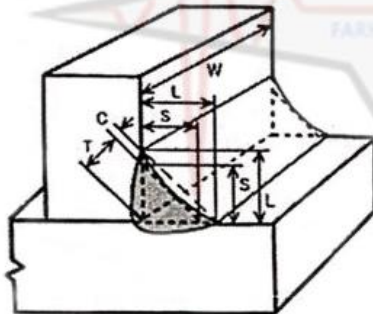
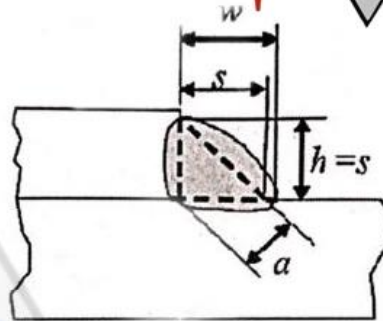
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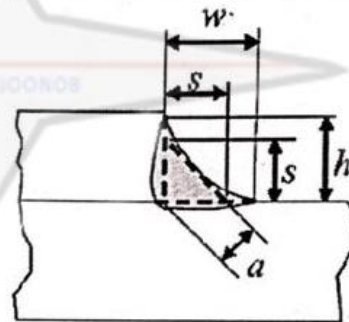
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(A) Convex fillet weld

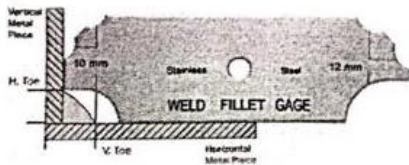


(B) Concave fillet weld



$w, h$  = weld leg length  
 $s$  = weld size  $a$  = weld throat

📍 Tehran, Tehransar



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