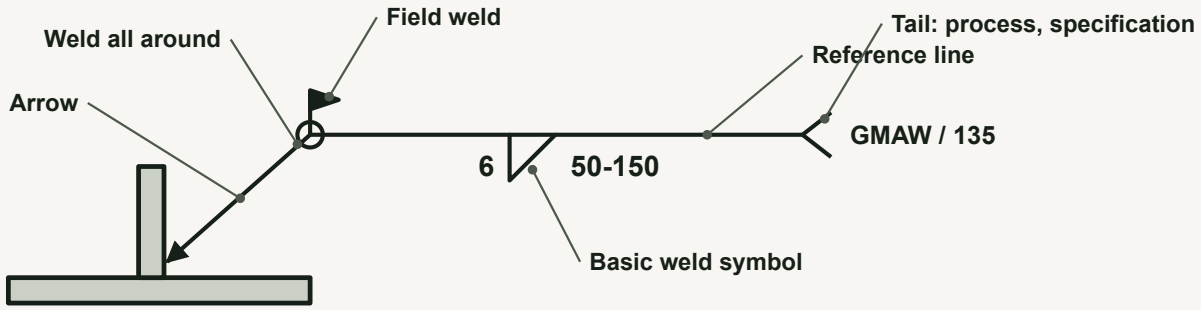
Welding Symbols Chart

TFON

AWS A2.4 and ISO 2553 · arrow side shown below the reference line

Parts of the symbol



Basic weld symbols


Fillet


Square groove


V-groove


Bevel groove


U-groove


J-groove


Flare-V groove


Flare-bevel groove


Plug or slot


Spot or projection


Seam


Back or backing weld


Surfacing

Supplementary symbols


Weld all around


Field weld


Melt-through


Flush contour


Convex contour


Concave contour

Dimensions

- Fillet AWS: size – length – pitch, e.g. 6 ◺ 50-150
- Fillet ISO: a5 (throat) or z7 (leg); 3×50 (100) = 3 welds, 50 long, 100 apart
- Groove AWS: S (E) left, root opening inside, groove angle outside

Arrow side rules

- AWS / ISO system B: below the line = arrow side, above = other side.
- ISO system A: symbol on the solid line = arrow side; on the dashed line = other side.
- Bevel and J symbols: the perpendicular leg is always drawn on the left.