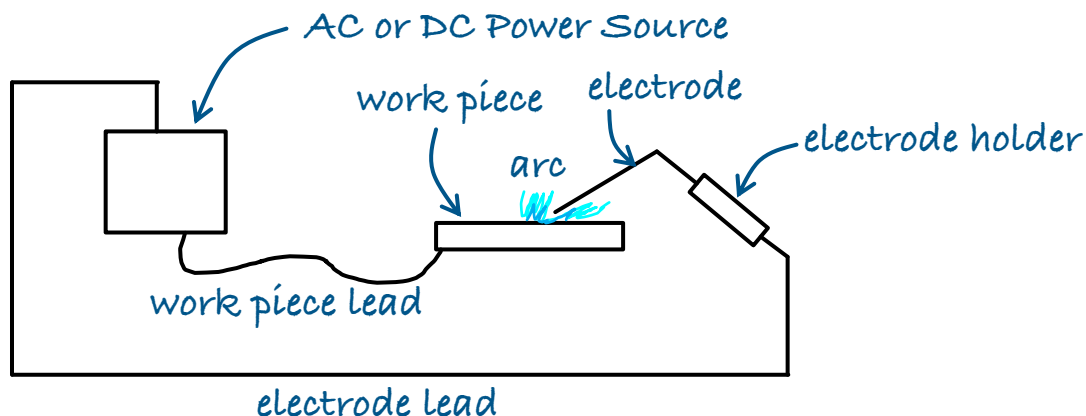


WEIGHT ROOM DILEMMA - PART 2

Electric Arc Welding

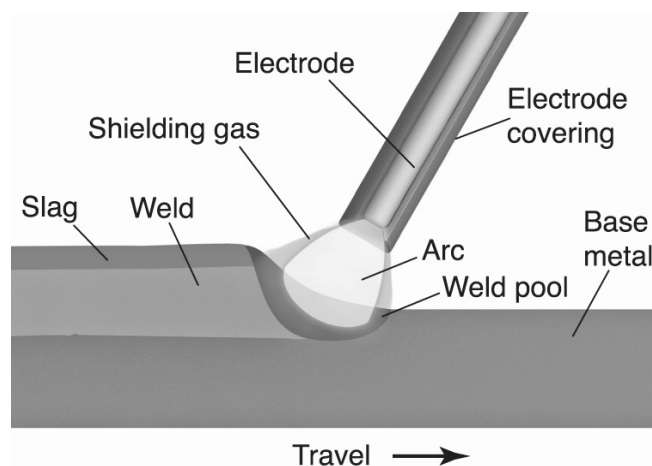


Heat needed to melt metal is created by electric arc

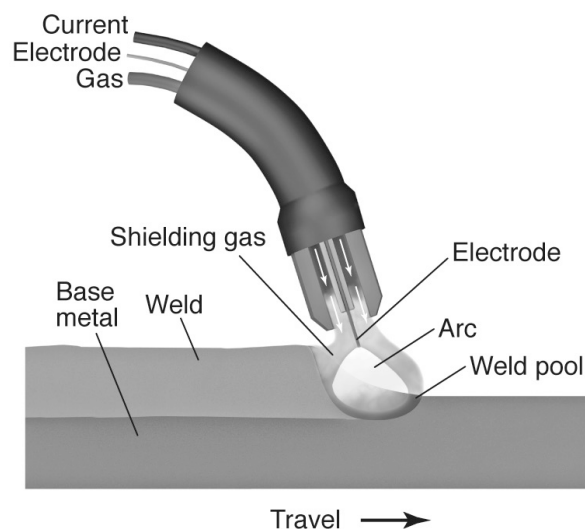
⇒ Completing a circuit

*typically done at high amperage

Shielded Metal Arc Welding [AISC Design Guide 21, Figure 2-21]



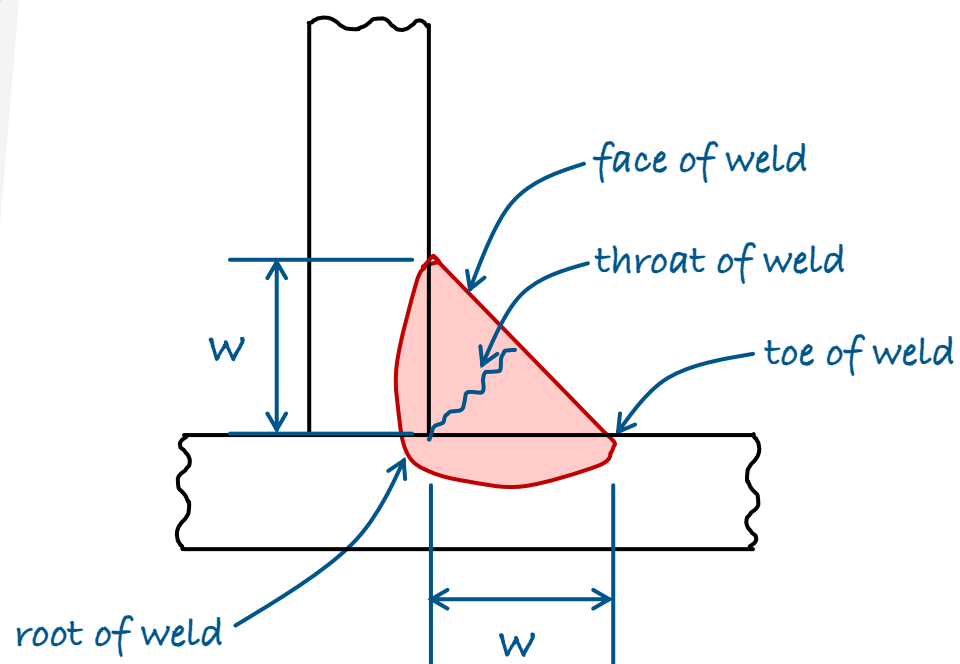
Gas Metal Arc Welding [AISC Design Guide 21, Figure 2-22]



**UNIVERSITY
PROGRAMS**

aisc.org/teachingaids

Fillet Weld Geometry



$w = \text{leg size of fillet weld}$