

# What is a Good Weld?



## Travel Speed Problems



Travel too fast. Narrow bead, poor wetting at toes.



Travel too slow. Bead too wide, arc too hot.

## Arc Problems



Voltage too high. Globular transfer, poor arc control.



Voltage too low. Excessive spatter, poor arc control.



No gas. Pinholes and porosity in weld.

## Amperage Problems



Amperage too high. Wide bead, excessive spatter, possible burn-through.



Amperage too low. Narrow, high-crowned bead.

## A Good Weld

Proper bead size  
and height.

