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.

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