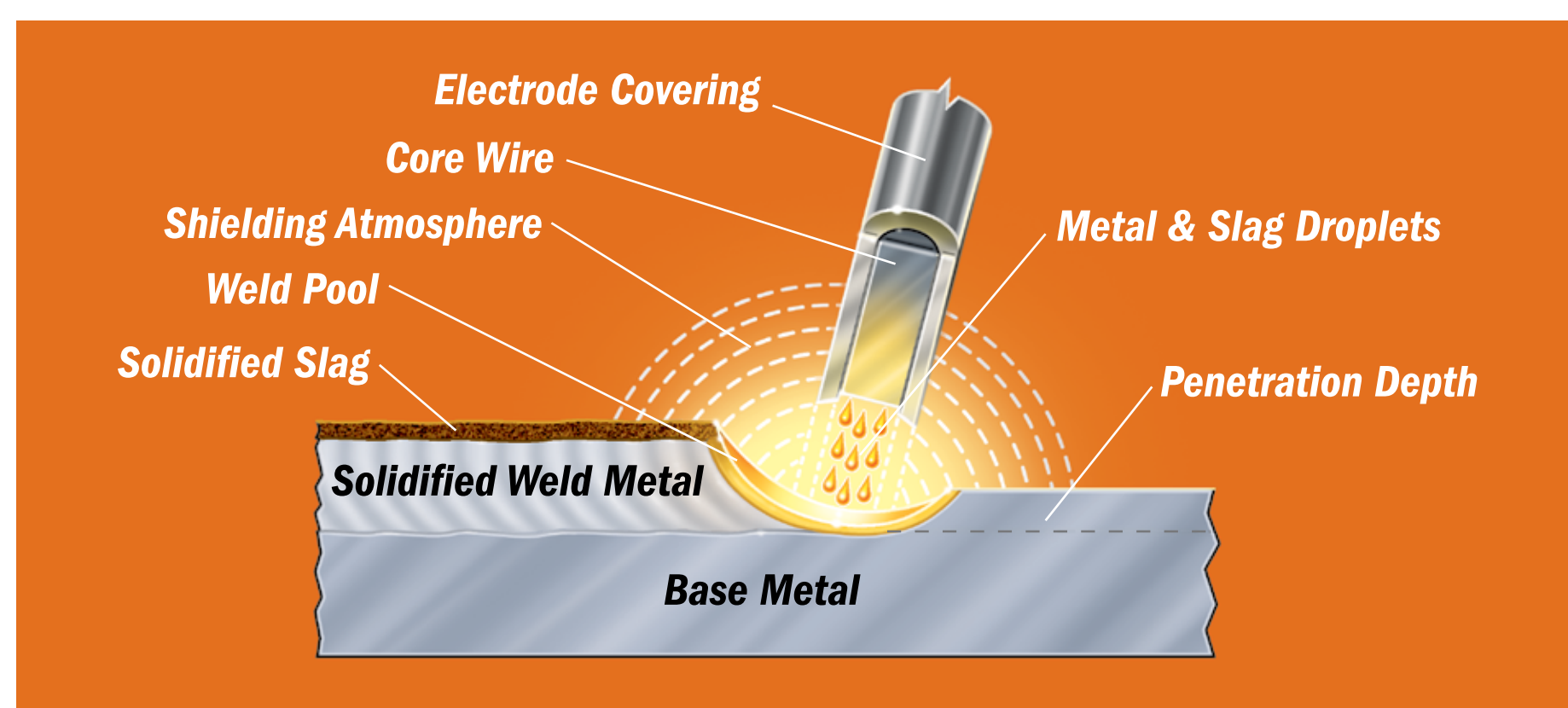


## Electrode Technical Information

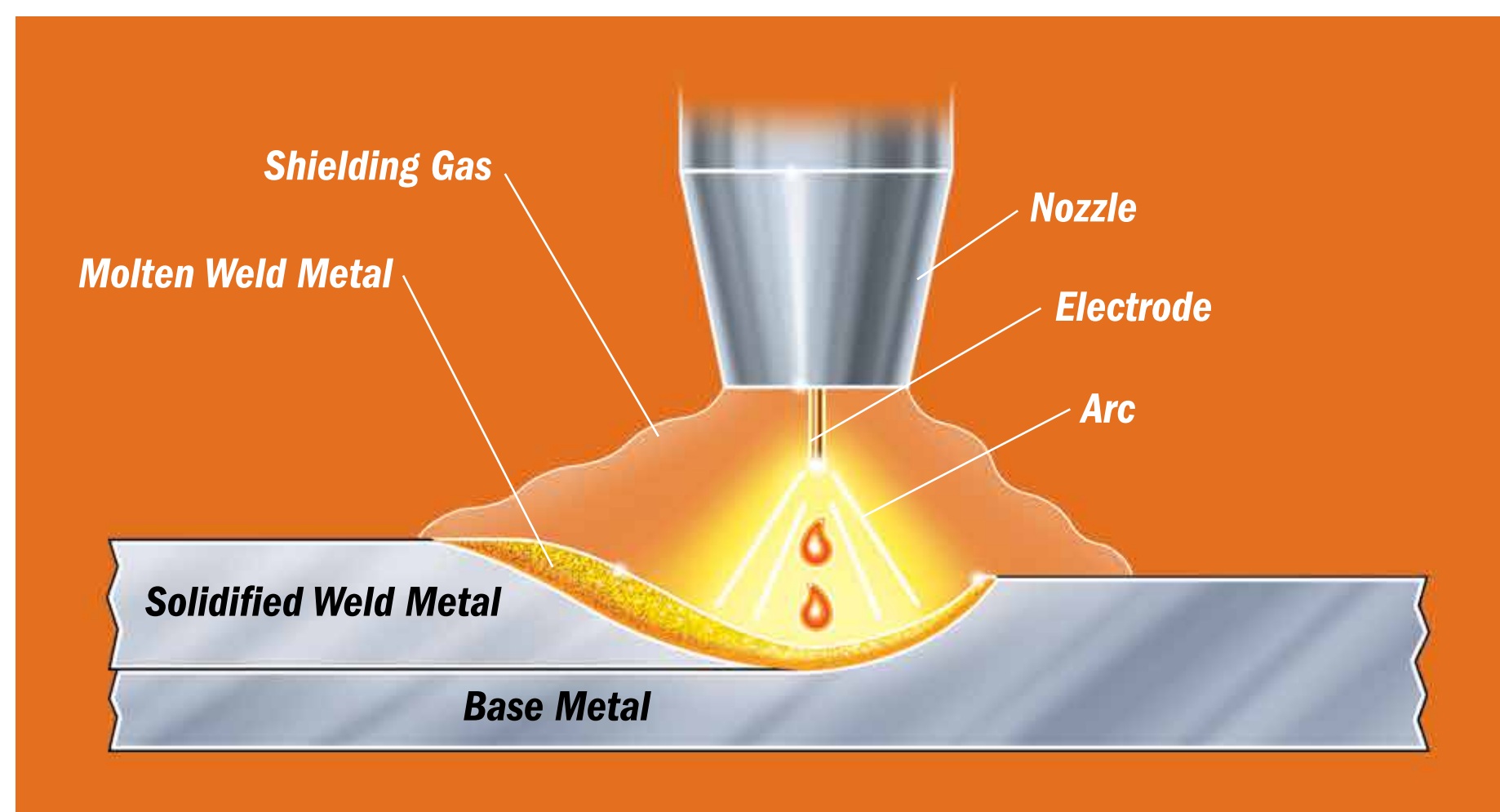
Hobart Filler Metals continue to advance the science of welding, bringing new, innovative solutions to customers around the world. Hobart is dedicated to providing the technology, the expertise and the commitment to quality required to keep pace with an evolving industry.

***No matter what the job ... no matter how tough the challenge ... Hobart can show you the products you need to succeed.***



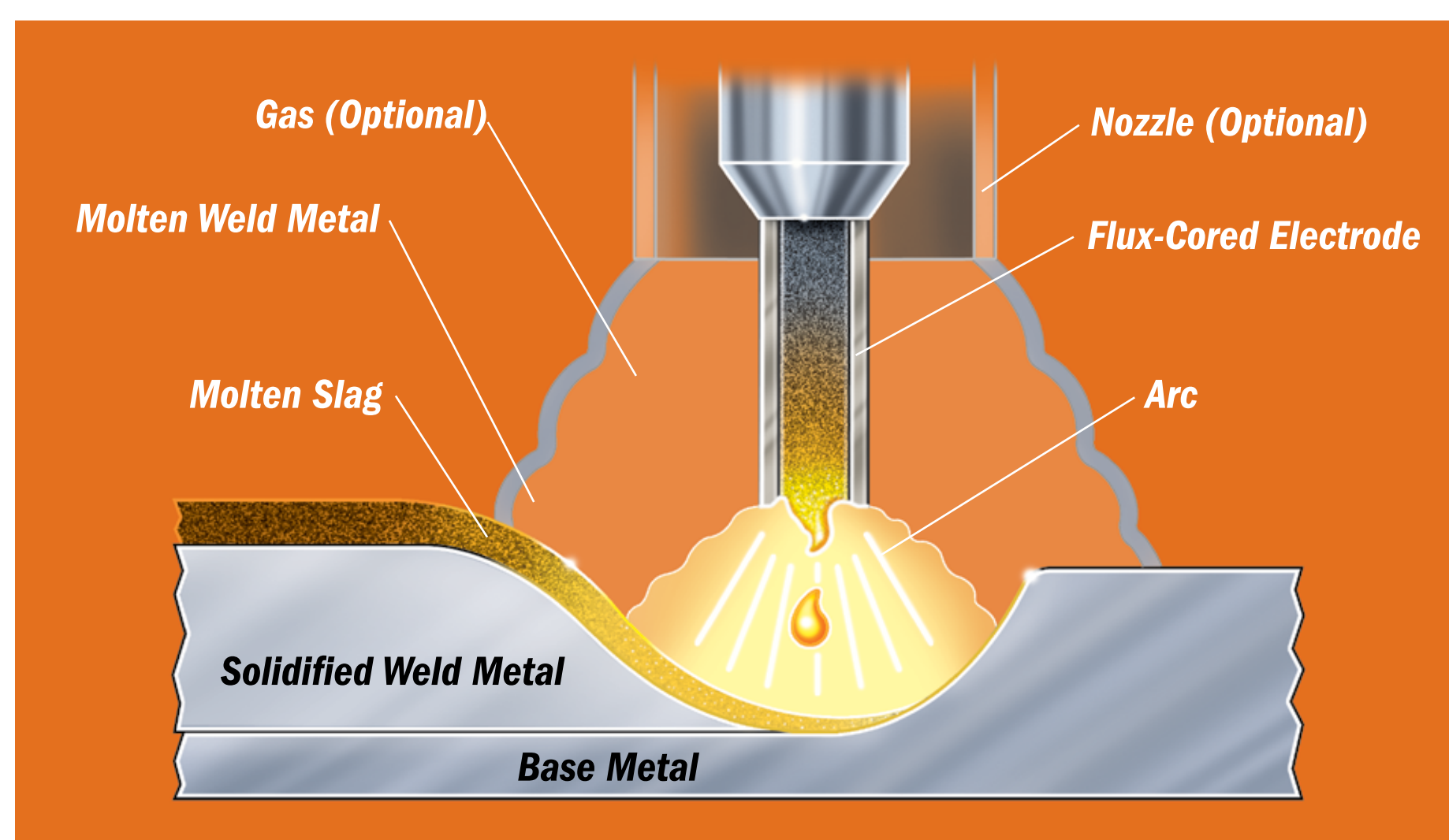
### Shielded Metal Arc Welding (SMAW)

- Heats metals with an arc between a consumable metal electrode and the work
- Obtains shield from decomposition of the electrode covering
- Applied manually



### Gas Metal Arc Welding (GMAW)

- Heats metals using a solid, continuous consumable electrode
- Molten weld metal is protected using externally supplied gas or gas mixture
- Applied semi-automatically or automatically



### Flux-Cored Arc Welding (FCAW)

- Heats metals with an arc between a continuous flux filled electrode and the work
- The electrode contains core ingredients that may supply some or all of the shielding gas needed
- Applied semi-automatically or automatically