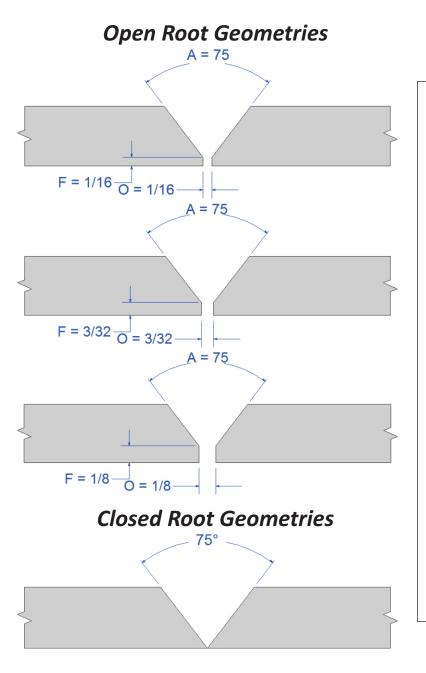
Butt Weld Technique (Walking the Cup)



The Evolution of TIG

 PASS 1

 OPEN ROOT
 (.035 Wire)

 125 to 145 amps - 25 to 35 WFS

 CLOSED ROOT
 (.035 Wire)

 170 to 200 amps - 20 to 30 WFS

The heavier the wall the greater the amperage. as it acts as a heat sync.

Tiptig

Amperage also depends on the operator and his WFS and travel speed.

When rooting the pipe, you must stay on the leading edge of the puddle and maintain this throughout the process.

PASS 2 FILL 200 to 250 amps - 45 to 60 WFS

PASS 3 or PASS 3 - 4 CAP 170 to 200 amps - 30 - 40 WFS

2G Fixed, 5G Fixed, 6G Incline Fixed use lower settings.

1G Rotating use higher settings.

