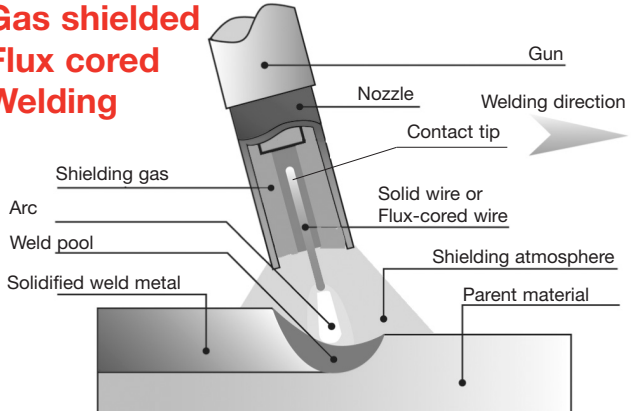
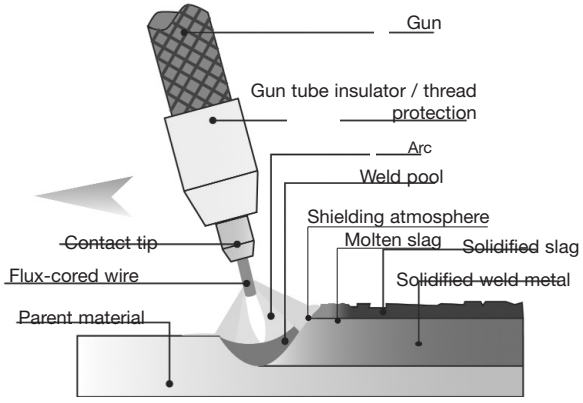
Gas shielded Flux cored Welding



The MIG/MAG welding process (or GMAW - Gas Metal Arc Welding) is when an electric Arc is created between a continuos consumable wire and the work piece to be welded, protected within a gas atmosphere. This atmosphere can be either inert (Argon) or active (CO2 or mixture of Argon and CO2). The wire is continuously fed through a gun to the weld pool by a wire feeder. Either Solid Wire (GMAW) or Cored Wire (FCAW-GS - flux-cored arc welding, gas shielding) can be used.

Self shielded Flux-Cored welding



Innershield welding is an Arc welding process in which welding heat is created from an arc between a continuous flux cored wire and the work piece. The flux provides gas shielding for the arc and a slag covering of the weld deposit.