

Tig filler wires:

It is quite known that the TIG (Tungsten Inert Gas welding) or GTAW (Gas Tungsten Arc Welding) process involves an arc produced between a non – consumable tungsten electrode and the work. The shielding is provided by the inert gas atmosphere, mostly argon. Filler metal is used to complete the weld by melting it in the arc.

The outstanding features of this type of welding are as follows:

- ✚ It will make high quality welds in almost all metals and alloys
- ✚ Very little, if any, post weld cleaning is required
- ✚ The arc does not carry the filler metal and so there is little or no spatter
- ✚ Welding can be done in all positions
- ✚ No slag is formed – no possibility of any slag entrapment.
- ✚ Almost all industrial metals and alloys are weldable by this except cast irons, wrought iron, lead and tungsten.

