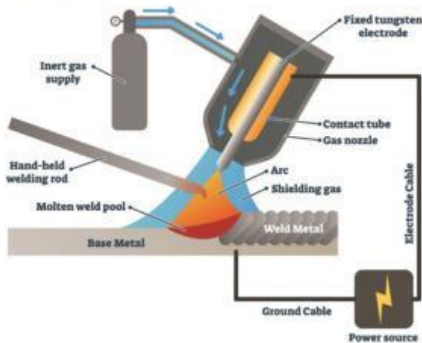
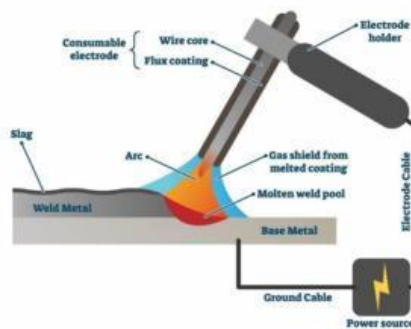


WELDING TECHNIQUES VOCABULARY

TIG WELDING



STICK WELDING



MIG WELDING

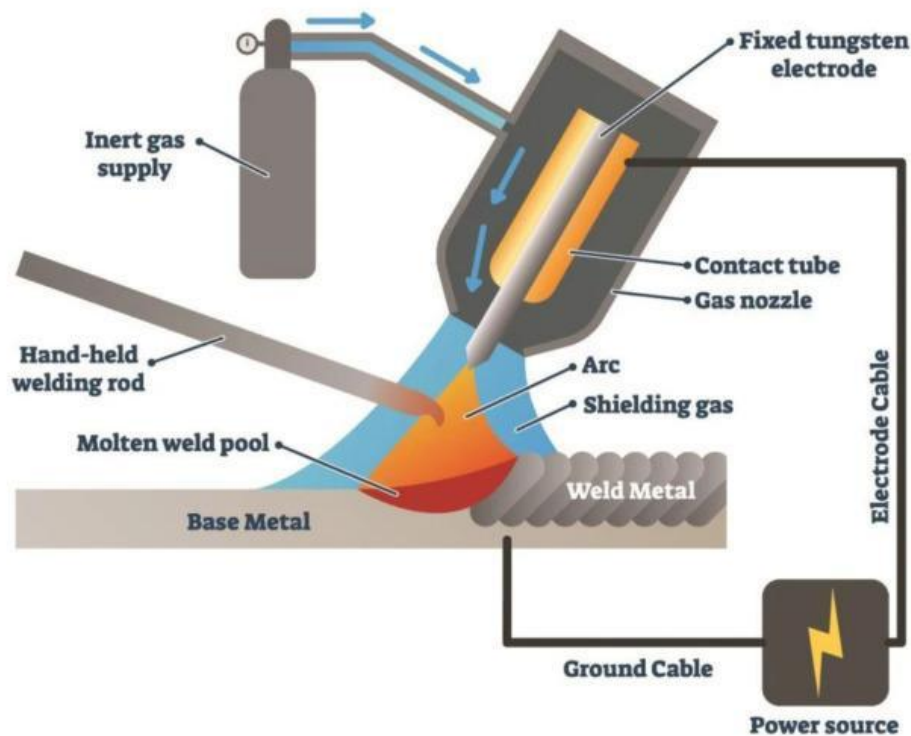


1. Match the English term with its Spanish translation. (18 points) (Une los términos en inglés con su traducción en español)

1. Machine-fed wire rod
2. Contact tube
3. Gas nozzle
4. Wire core
5. Electrode
6. Flux coating
7. Gas shield
8. Electrode holder
9. Welding rod
10. Shielding gas
11. Arc
12. Molten
13. Power
14. Slag
15. Weld metal
16. Base metal
17. Gas nozzle
18. Inert gas

- A. Núcleo de alambre
- B. Gas inerte
- C. Tubo de contacto
- D. Boquilla de gas
- E. Alambre alimentado por máquina
- F. Protección de gas
- G. Revestimiento de fundente
- H. Porta electrodos
- I. Varilla de soldadura
- J. Gas protector
- K. Arco eléctrico
- L. Fundido
- M. Energía
- N. Escoria
- O. Metal de soldadura
- P. boquilla de gas
- Q. Metal base
- R. Electrodo

TIG WELDING



2. Fill in the blanks using the words below. (10 points) (Completa los espacios con las palabras de abajo)

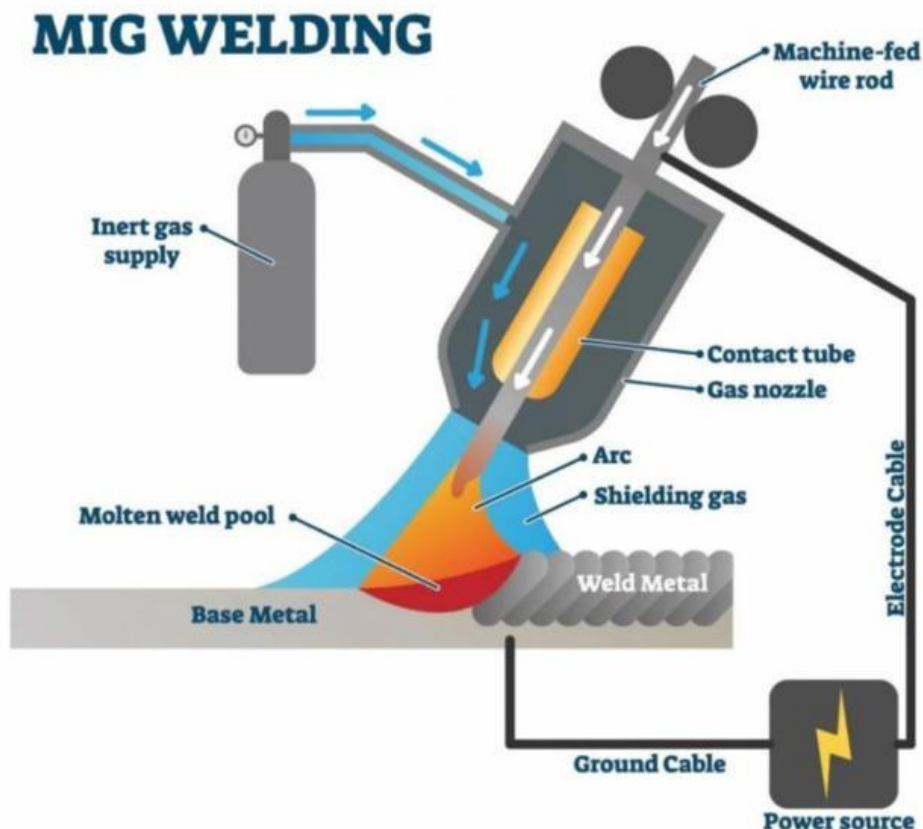
welding rod – inert gas – arc – electrode – weld metal – shielding gas – power –
base metal – gas nozzle – molten

1. TIG welding uses a fixed tungsten _____.
2. The _____ comes from a bottle and protects the weld.
3. The _____ creates heat to melt the metal.
4. The _____ pool is the hot liquid metal during welding.
5. The welder holds a _____ to add metal to the weld.
6. The _____ goes through a special nozzle to protect the arc.
7. The melted metal becomes _____ after it cools.
8. The metal that is being welded is called the _____.
9. The gas flows out of the _____.
10. The system needs _____ from a special source.

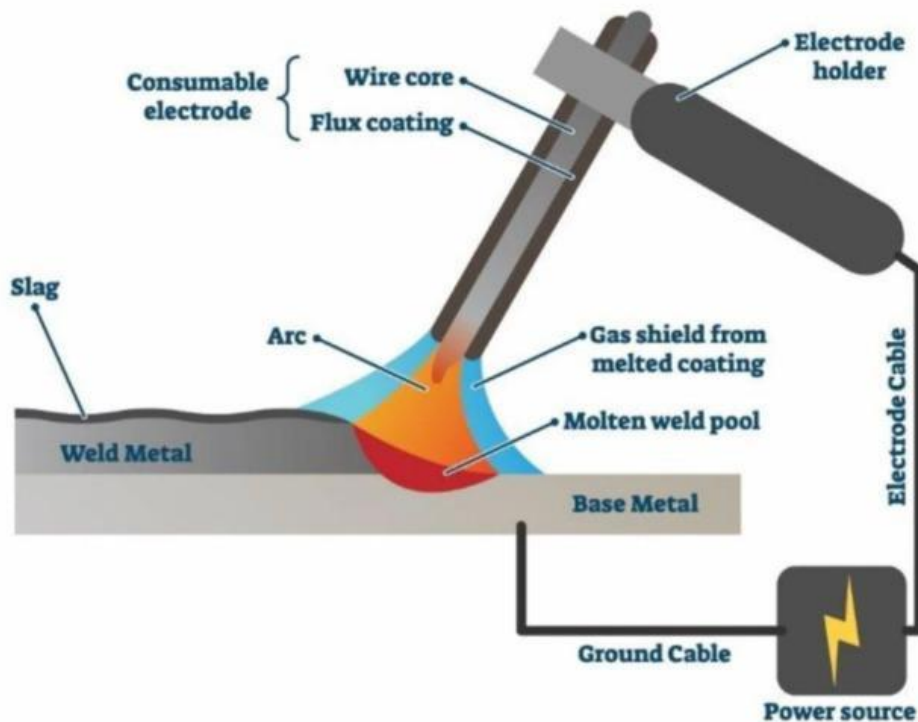
3. Fill in the blanks using the words below. (10 points)
(Completa los espacios con las palabras de abajo)

machine-fed wire rod – inert gas – contact tube – gas nozzle – arc – shielding
gas – molten – weld metal – base metal – power

1. The _____ pushes the wire automatically.
2. _____ protects the weld area from contamination.
3. The _____ conducts electricity to the wire.
4. The _____ directs the gas to the weld area.
5. The _____ generates heat for melting metal.
6. _____ protects the weld from the air.
7. When metal is heated, it becomes _____.
8. Cooled metal becomes _____.
9. The metal that is being welded is called _____.
10. MIG welding needs electrical _____ to work.



STICK WELDING



4. Fill in the blanks using the words below. (10 points) (Completa los espacios con las palabras de abajo)

electrode holder – wire core – flux coating – arc – gas shield – molten – weld metal – slag – base metal – power

1. The _____ holds the electrode during welding.
2. The _____ is the metal inside the electrode.
3. The _____ covers the electrode and creates gas when it melts.
4. The _____ creates the heat to melt the metal.
5. The _____ protects the weld from the air.
6. The metal becomes _____ when it is very hot.
7. After it cools, the melted metal becomes _____.
8. The burned coating forms a hard layer called _____.
9. The metal being welded is the _____.
10. The system uses electrical _____ to work.