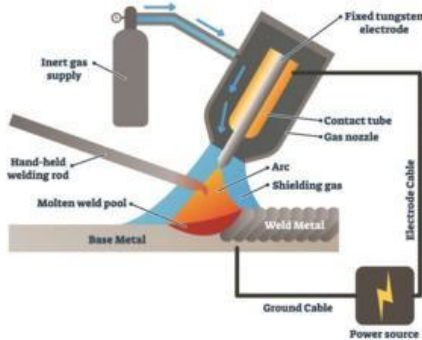
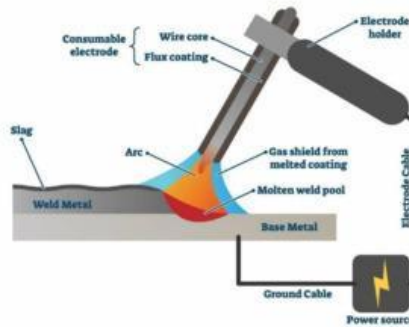


WELDING TECHNIQUES VOCABULARY

TIG WELDING



STICK WELDING



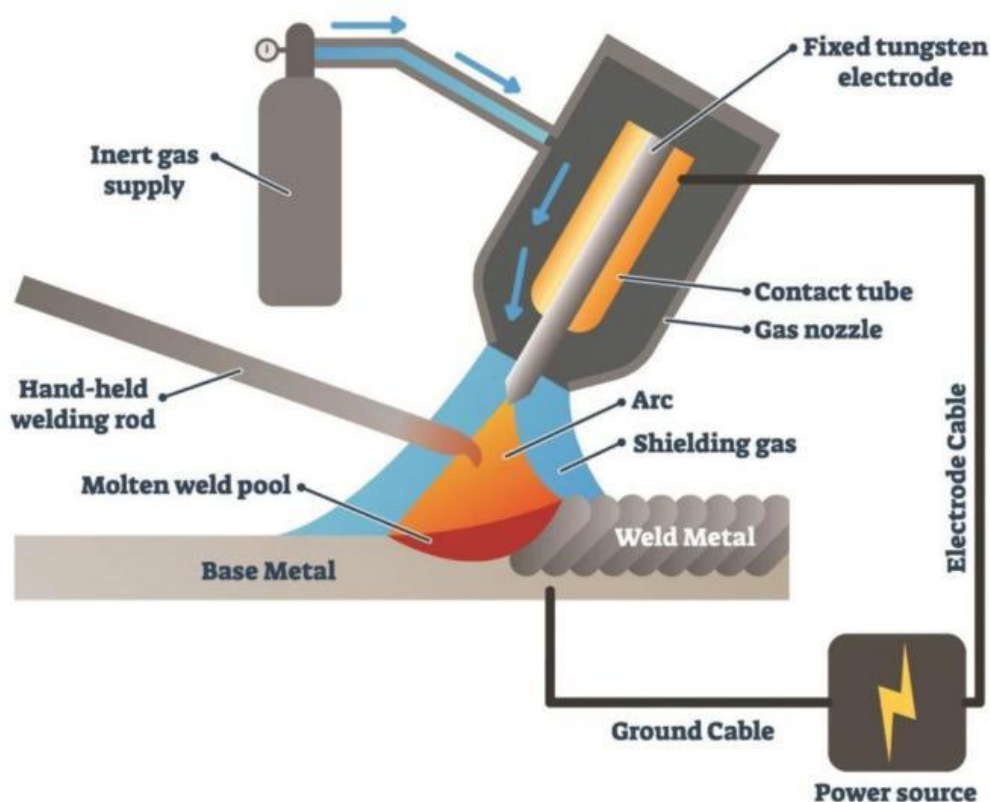
MIG WELDING



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 | A. escoria |
| 2. contact tube | B. gas de protección |
| 3. gas nozzle | C. electrodo |
| 4. wire core | D. fundido |
| 5. electrode | E. boquilla de gas |
| 6. flux coating | F. porta electrodo |
| 7. gas shield | G. alambre alimentado por máquina |
| 8. electrode holder | H. arco |
| 9. welding rod | I. metal base |
| 10. shielding gas | J. gas inerte |
| 11. arc | K. núcleo de alambre |
| 12. molten | L. protección de gas |
| 13. power | M. revestimiento de fundente |
| 14. slag | N. tubo de contacto |
| 15. weld metal | O. varilla de soldadura |
| 16. base metal | P. energía |
| 17. Inert gas | Q. metal de soldadura |

TIG WELDING

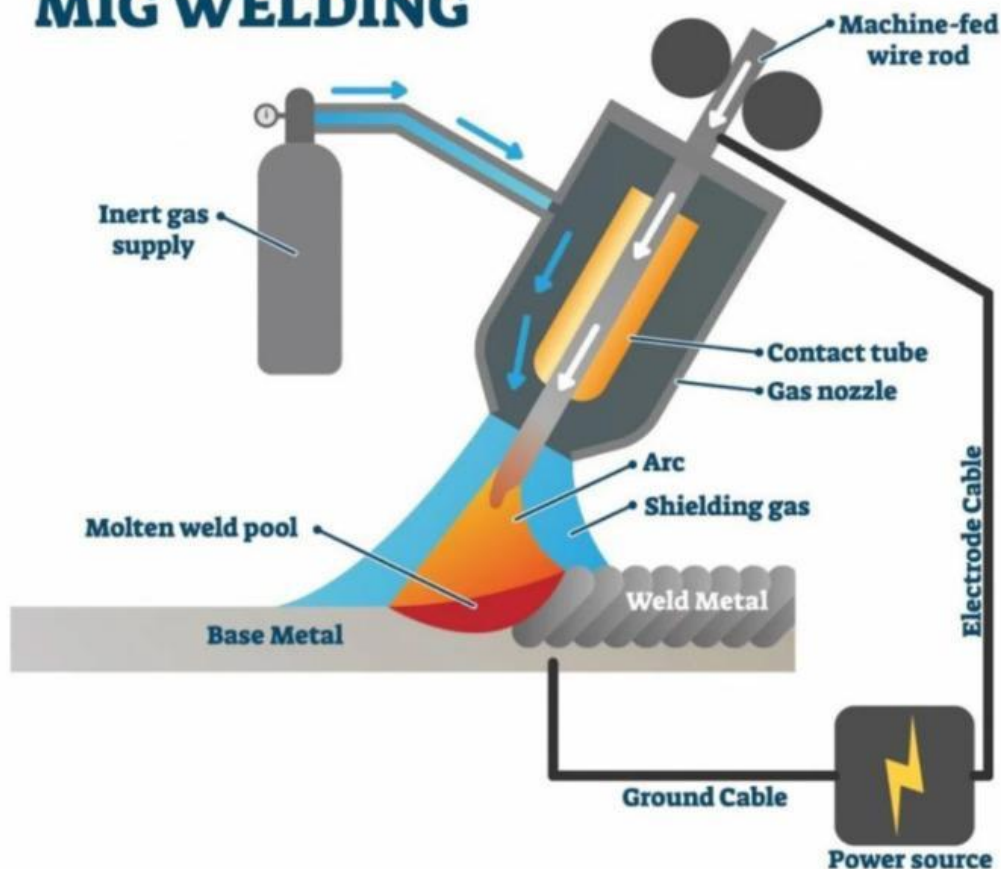


2. Fill in the blanks using the words below. (10 points) (Completa los espacios con las palabras de abajo)

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.

MIG WELDING

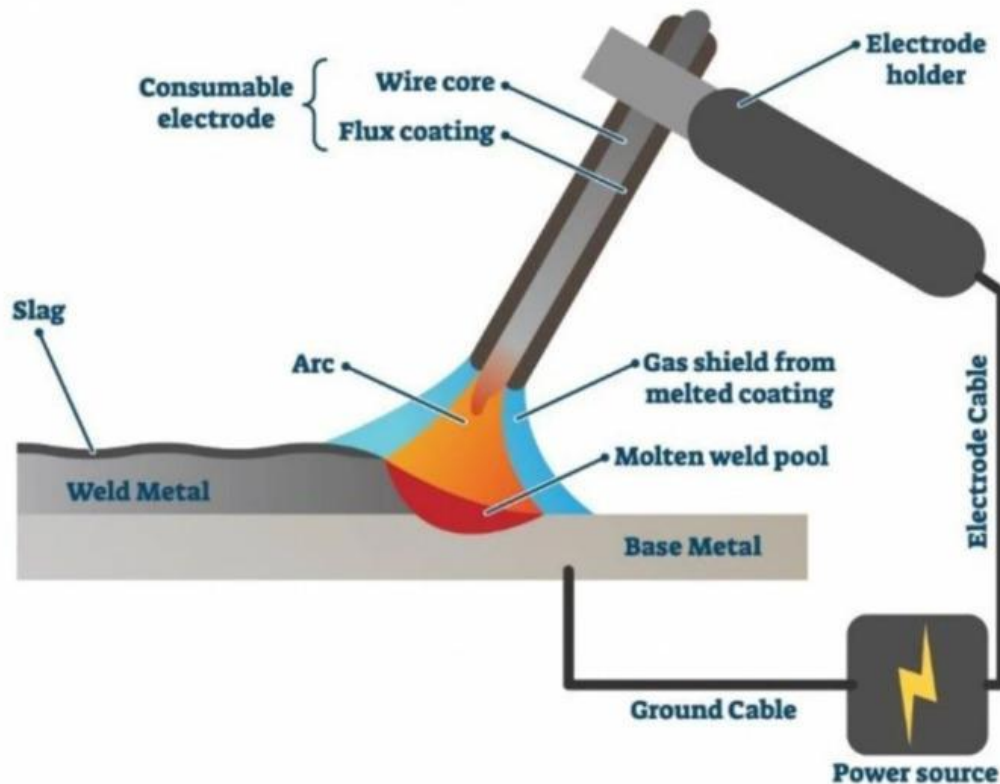


3. Fill in the blanks using the words below. (10 points)
(Completa los espacios con las palabras de abajo)

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.