You said: TIG ARGON TOCH GAS COOLED

A **gas-cooled TIG torch** (also known as an air-cooled TIG torch) relies entirely on the surrounding ambient air and the flow of the incoming argon shielding gas to dissipate heat. These torches are highly favored for their **portability, simple setup, and lack of external plumbing requirements**. [1, 2, 3, 4, 5]

Key Characteristics & Mechanics

- **Cooling Method**: Unlike water-cooled torches that require a separate radiator tank and pump, gas-cooled models pass the cold **argon shielding gas** directly through the torch body, using the gas flow to absorb heat from the copper power conductor. [1, 2, 3, 4]
- **Amperage Ratings**: They are generally built for light-to-medium-duty applications. Typical models include the small **9 Series** (up to 125A), **17 Series** (up to 150A), and the heavy-duty **26 Series** (up to 200A). [1, 2, 3, 4, 5]
- **Design Variants**: Available as rigid, flexible head (for hard-to-reach angles), or valved ("V") models. Valved torches let you manually open and close the gas flow, which is essential for basic scratch-start setups on machines without a built-in gas solenoid. [1, 2, 3, 4, 5]