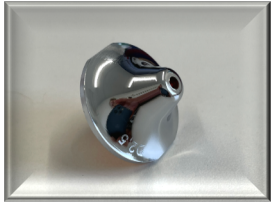


### **Adapter**

This means it is possible to use a different type of nozzle. The adapter adapts from a bigger nozzle, to a smaller one and this can save the user money in the long run.



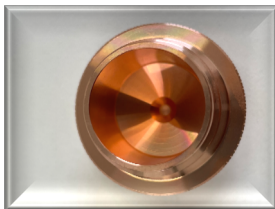
### **CP (Chrome plated)**

CP nozzles are plated with chrome for increased durability. Chrome plated nozzles are much easier to clean and can withstand contact with material better than non-plated ones.



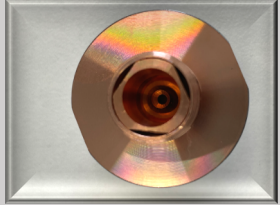
### **Conical**

This refers to the internal geometry of the nozzle. Due to the internal geometry the gas swirls and spirals down towards the material causing a coaxial flow, this flow prevents plugging of the orifice.



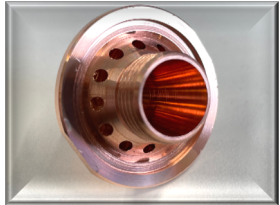
### **Cylindrical**

This refers to the internal geometry of the nozzle. Mainly used for gauge steel up to 6,4mm low pressure oxygen.



### **Double**

Just as this sounds, this is a nozzle within a nozzle. Sometimes referred to as the 'jacketed nozzle'. Double nozzles are better for cutting thicker materials. Double nozzles have a high aspect ratio at the exit, helping to protect the lens from back splatter. Traditionally used with oxygen cutting. Because the double nozzle has a nozzle within the nozzle, this reduces turbulence, resulting in a better cut with oxygen.



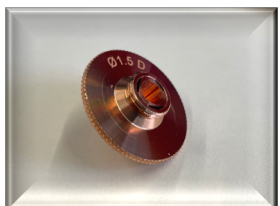
### **Double with holes or double nozzle insert**

Used with the outer nozzle, the double nozzle insert, inserts into the outer nozzle to form a double.



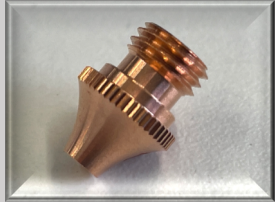
### **Hex**

Hex refers to the machined edge of the nozzle, with the hex machined in. It makes it possible to get an open end wrench on that nozzle for tightening and loosening.



### **High pressure (HP)**

Used in applications where the gas pressure is really high.



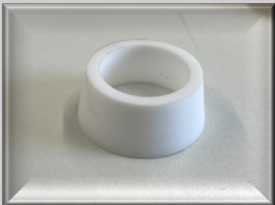
### **High Density (HD)**

Used on thicker material and stainless steel and aluminium



### **Low pressure**

Used for low pressure oxygen cutting applications, such as gauge material up to 3.2mm



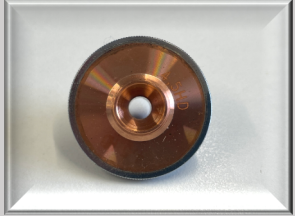
### **Nozzle holder**

The nozzle holder sometimes always known as the ceramic, is the mating partner for the nozzle. The two are combined by threading the nozzle into the holder.



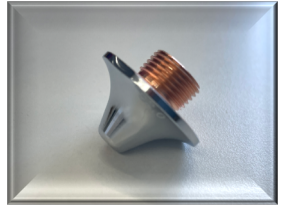
### **Nozzle, Long**

Refers to the length of the nozzle



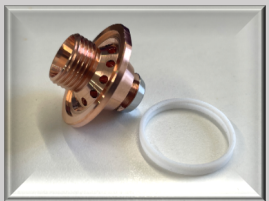
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