



Copper Alloy High-end Nozzles (8 PCS/Set)

Stable Performance of Copper Alloy

High Strength and High Conductivity Alloy Bar of High Quality to Ensure Stability

MFR: 4007010082

3D PRINTER
CREALITY

8-piece set of copper alloy high-end nozzles

✓ Delicate workmanship

✓ Smooth feeding

✓ Accurate hole site design

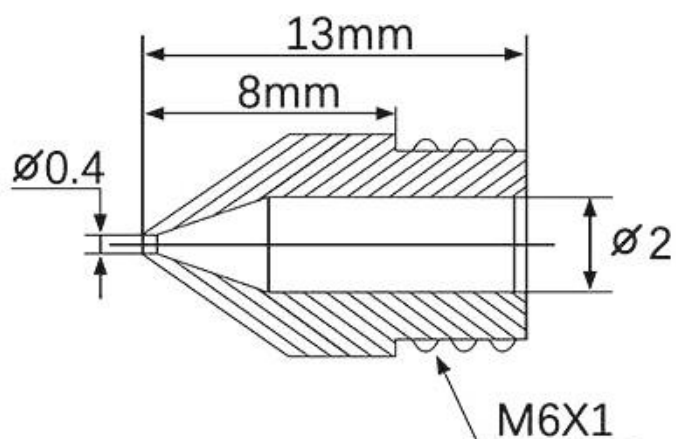
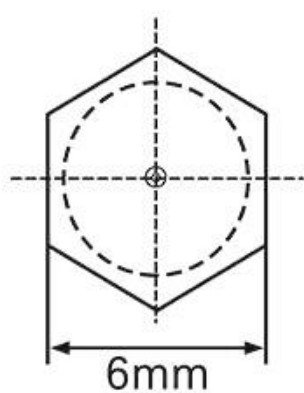
6.0 Moh's hardness	500 °C Maximum printing temperature	330 W/m.k Thermal Conductivity	16.7 μm/m·°C Coefficient of thermal expansion(CTE)
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8-piece set of copper alloy high-end nozzles

Product Display



Nozzle diameter: 0.25、0.4、0.6



Stable performance of copper alloy

High strength and high conductivity alloy bar of high quality to ensure the stability;
Far excels the ordinary 3D printing nozzle in working performance.



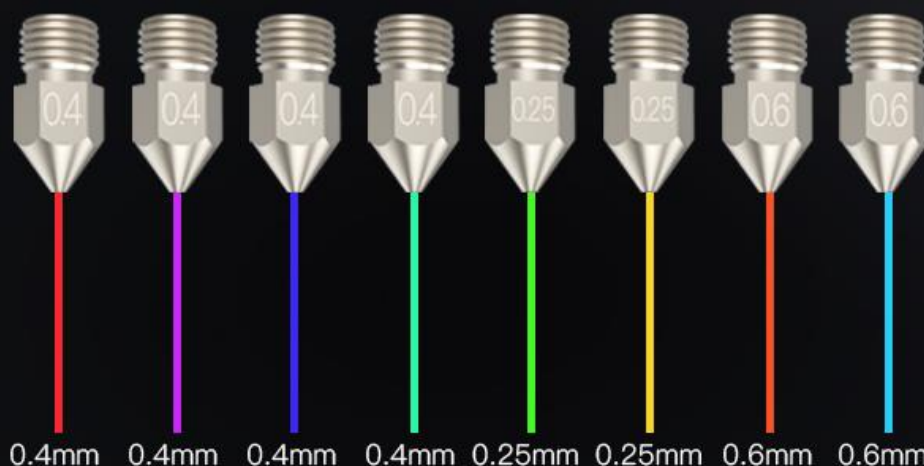
VS



Generic nozzle ❌

Copper alloy
high-end nozzles ✅

Diverse diameter with more even feeding



Small and exquisite carefully protected

Small and exquisite, carefully protected The nozzles are contained in an iron round box and fixed in high-quality foam to effectively protect the nozzle. Avoid scattered and messy nozzles in daily work, easy to take.



Number



x4



x2



x2

Smooth inner wall without burrs smoother feeding

Special processing technology and post-treatment to ensure the nozzle orifice is free of burrs, smooth and no residue within the aperture. Less than $Ra0.1$ of bore roughness and nickel plating treatment of the whole nozzle, to enhance smoothness, improve finish, and reduce adhesion.

Glossy inner wall
Smooth feeding



VS



Ordinary nozzle printing model is easy to render blemishes.



Copper alloy nozzle printing model is smooth and delicate.



Excellent selected materials with good thermal conductivity

High temperature resistance, suitable for high temperature filament printing
besides conventional filaments including PEEK, PEKK, PEI, PSU, PPSU.



High hardness steel



Excellent
conductivity



Anti-oxidation



High temperature
resistance



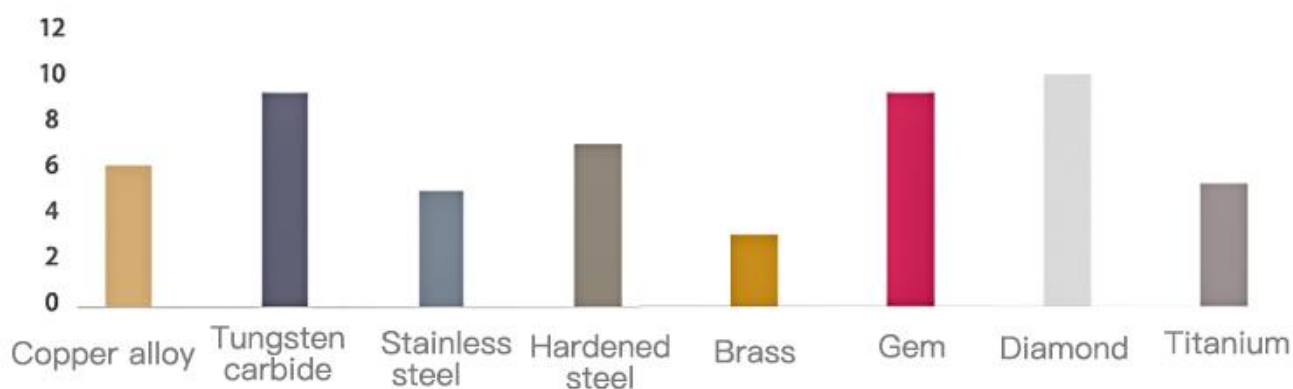
Uniform nickel plating temperature

High thermal conductivity to ensure uniform nozzle temperature during printing and feeding stability of filament ,thus improving the printing speed and also the printing quality.

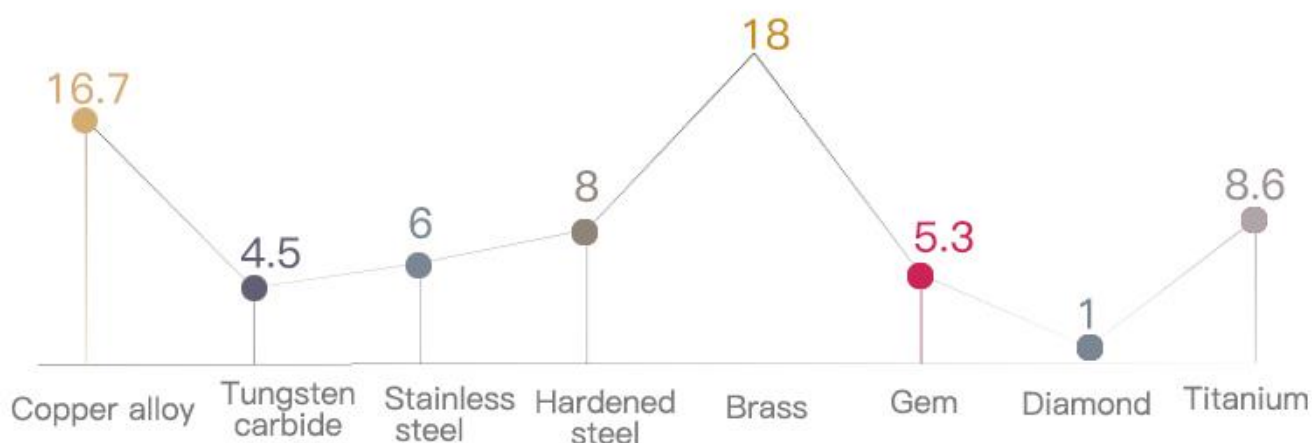


Coefficient contrast diagram

Moh's hardness



Coefficient of thermal expansion $\mu\text{m}/\text{m}\cdot^{\circ}\text{C}$



Smooth contact surface

The contact surface of the nozzle is smooth and flat, which better solves the problem of material leakage and effectively prevents nozzle leakage.



Package display



Notices: This package is for reference only, minor disparities will exist in specific batches.

Product parameters

Product name:	8-piece set of copper alloy high-end nozzles	Package size: 56*56*40mm
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Applicable mode:	Ender-3series, Ender-5series, CR-10, CR-6SE, Ender-6
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Net weight: 20g	Gross weight: 60g
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