



## Hardened Steel High-end Nozzles 8 PCS/Set

MFR: 4007010081

### Product Information

High-quality Genuine Mould Steel Bar to Ensure Stability  
Iron Round Box and Fixed in High-quality Foam to Protect Nozzles  
Smooth Inner Wall without Burrs, Smooth Feeding

3D PRINTER CREALITY

### 8-piece set of hardened steel high-end nozzles

- ✓ Delicate workmanship
- ✓ Smooth feeding
- ✓ Accurate hole site design

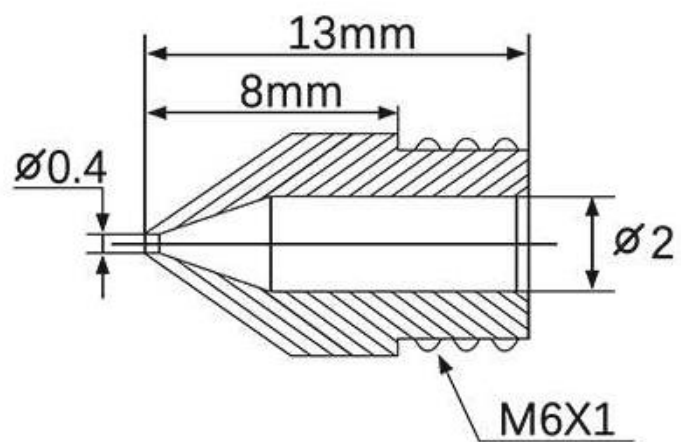
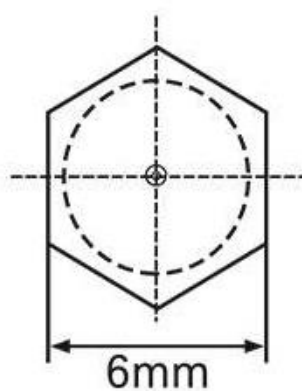
7.8 Moh's hardness	450 °C Maximum printing temperature	22 W/m.k Thermal Conductivity	8 µm/m·°C Coefficient of thermal expansion(CTE)
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8-piece set of hardened steel high-end nozzles

# Product Display



Nozzle diameter: 0.25、0.4、0.6



# More stable performance of hardened steel

High-quality genuine mould steel bar to ensure the stability.  
Far exceeds the ordinary 3D printing nozzle in working performance.



VS



Generic nozzle ❌

Hardened steel nozzle ✅

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



x2



x4



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 Ra0.4 of bore roughness and improved finish with less adhesion; the minimum aperture is 0.1mm ( $\pm 0.01$ mm) for laboratory applications to ensure high-quality printing.

Glossy inner wall  
Smooth feeding



VS



Ordinary nozzle printing model is easy to render blemishes.



Hardened steel nozzle printing model smooth and delicate.





# Excellent genuine material with stable performance

Wear-resistant, high temperature-resistant, suitable for compound filament printing containing carbon fiber, steel, wood, boron carbide, tungsten, phosphorescent pigments and other grinding additives besides conventional filaments.



High hardness steel



Excellent conductivity



Anti-oxidation



High temperature resistance



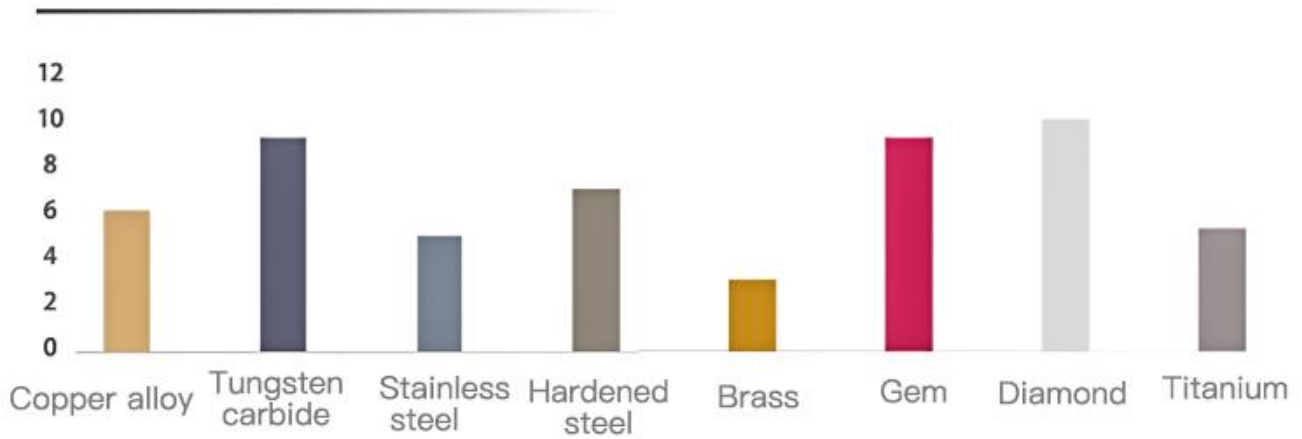
# High thermal conductivity with uniform temperature

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

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**Product name:** 8-piece set of hardened steel 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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