K1 Max
High Flow Nozzle Kit

Premium Material

Smooth Inner Wall

Smooth Extrusion

Uniform Feeding





Nozzle Diameter

0.4mm 0.6mm 0.8mm

Bimetallic Material with High Hardness for High-speed Printing

Nozzles made of copper alloy and hardened steel

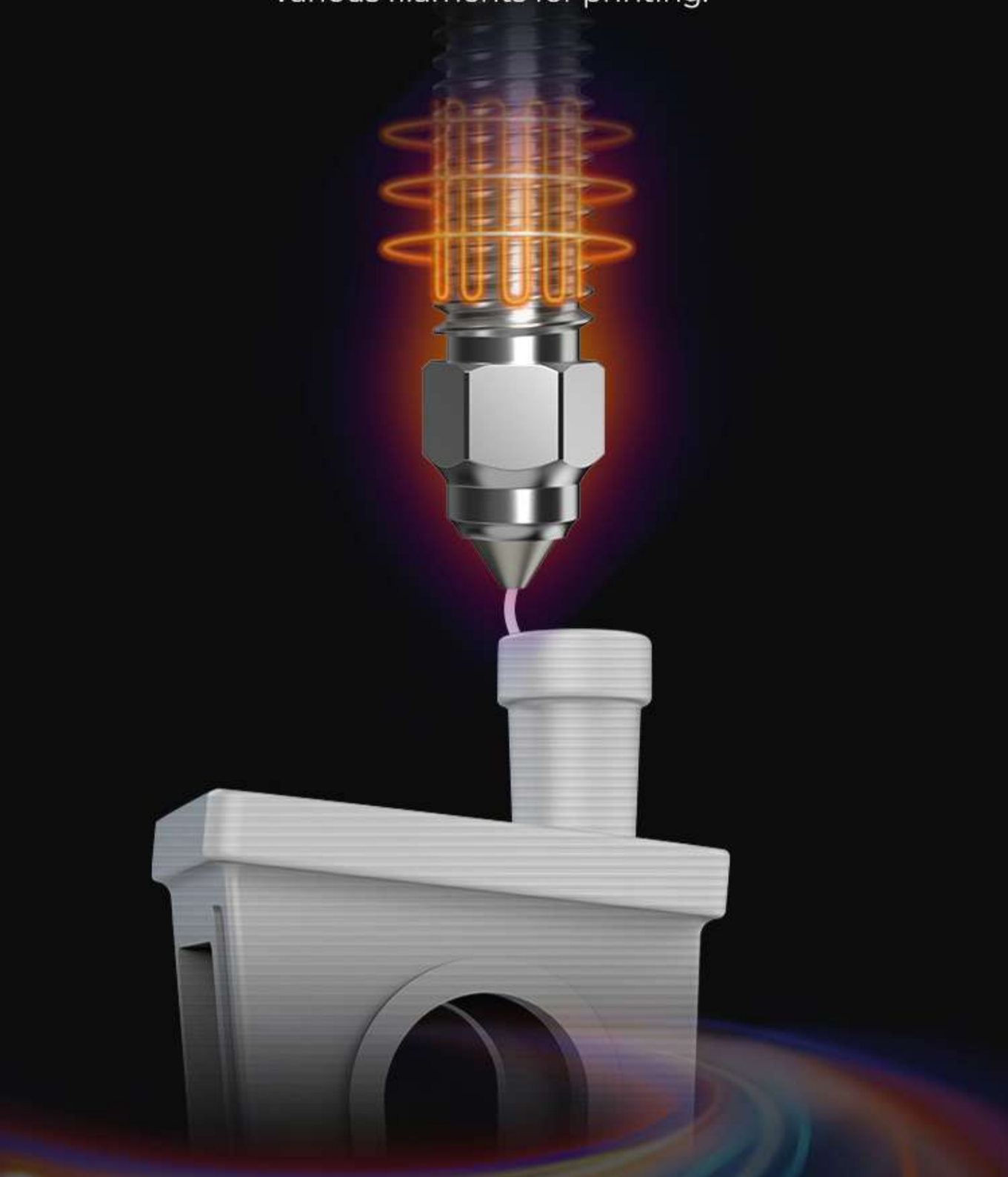


*Nozzle head made of hardened steel, Mohs hardness 7.8, long service life;

*The thermal conductivity of copper alloy is as high as 330W/m·k, ensuring that the nozzle is heated more evenly. The volume is enlarged, supporting a high-speed printing speed of 600mm/s.

Wear-resistant, Heat-resistant, for Diverse Filaments

Copper alloy is heat resistant up to 500°C, while hardened steel is heat resistant up to 450°C. They can be used with various filaments for printing.



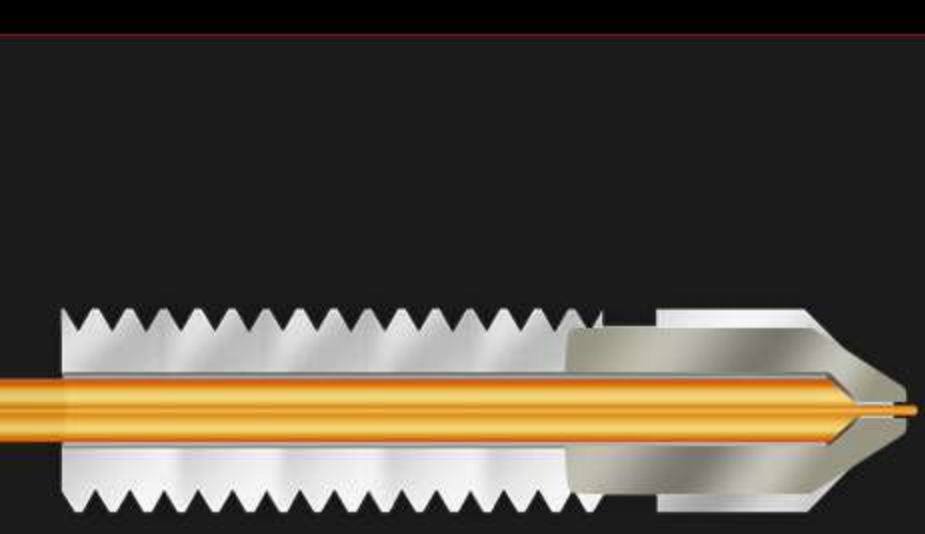
*Applicable filaments: **PLA, ABS, PETG, TPU, PP, PC, PLA-CF, PA-CF, PET-CF;**

Exquisite Details and Ingenuity

Nickel-plated Surface for Smooth Feeding



Nickel plating on the nozzle surface greatly reduces the adhesion of filaments to the nozzle, resulting in smoother feeding.



01

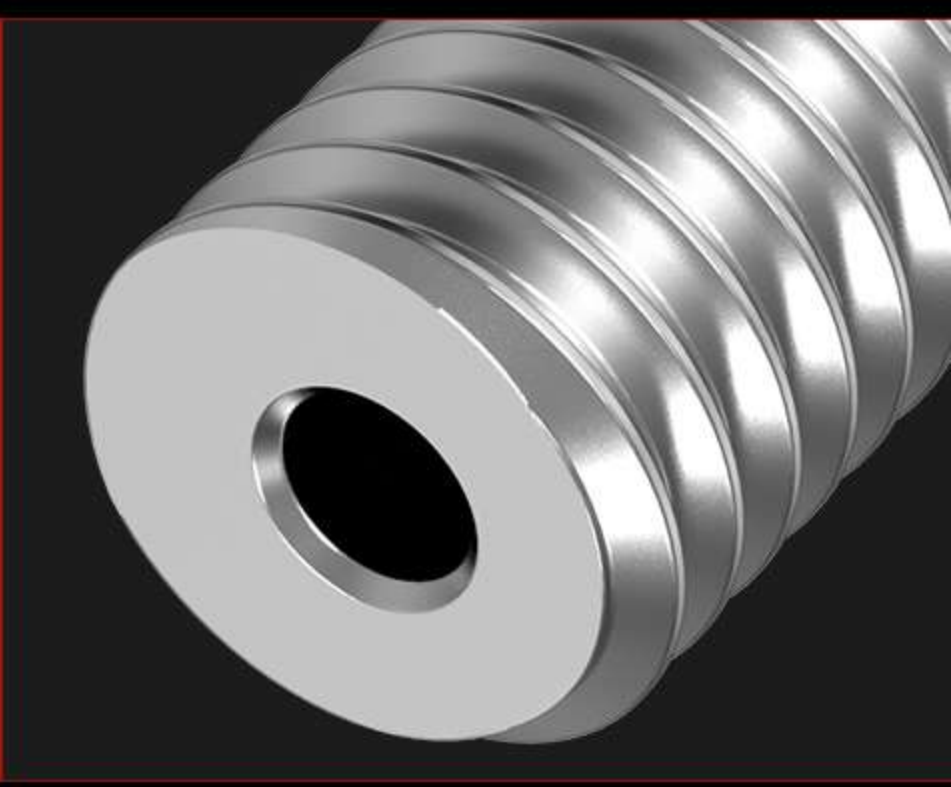
Smoother Inner Wall No Clogging

With the Ra<0.4 roughness, the inner wall enhances the fluidity of the filament and brings super smooth extrusion.

02

Impeccably Precise Orifice

Without any burrs on the orifice for smoother feeding.



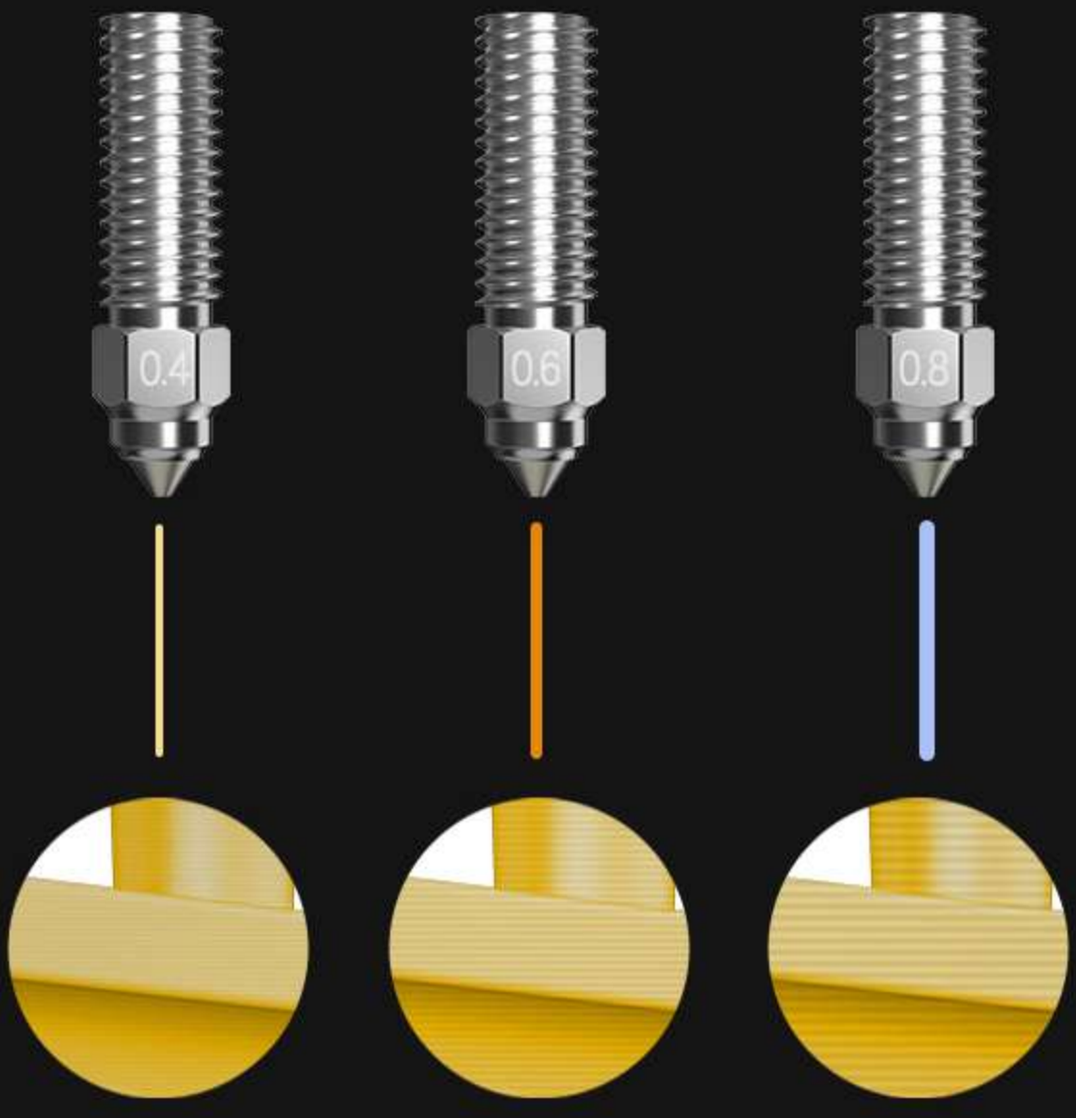


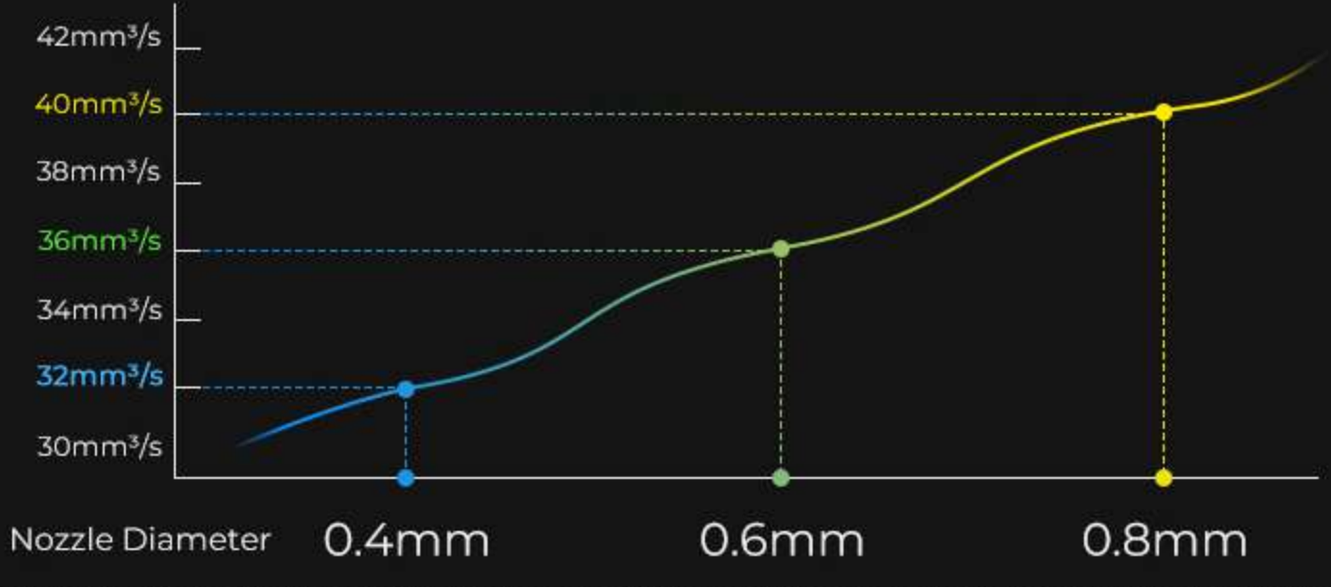
03

Seamless Junction No Filament Leakage

A flat surface and intense joints effectively solve the leakage problem.

Various Size Options for More Creations





Product Display





Product Parameters

Nozzle diameter	0.4mm 0.6mm 0.8mm
Material	copper alloy, hardened steel
Packing size	52*52*37.5mm
Compatible models	K1 , K1 Max
Parts list	0.4mm*2 pcs 0.6mm*1 0.8mm*1
Applicable filaments	PLA, ABS, PETG, TPU, PP, PC, PLA-CF, PA-CF, PET-CF, etc.