"Unicorn" Quick-Swap Nozzle

Swift Installation

High-Flow Printing

Upgraded Material



All-metal integrated design for rapid assembly and disassembly

The nozzle and heat break adopts an all-metal integrated design, facilitating quick disassembly and convenient replacement



High flow, supporting high-speed printing

Enlarged nozzle chamber, achieving a maximum flow rate of up to 30 mm^3/s, and supporting high-speed printing at 600 mm/s.

* 0.4 mm nozzle aperture, 240°C printing temperature test data

Max flow rate
30 mm^3/s

Max speed
600 mm/s



Upgraded material, suitable for printing a variety of filaments

The heat break is made of titanium alloy, which reduces heat conduction. The nozzle is composed of copper alloy and hardened steel, supporting the printing of various filaments.

PLA ABS PETG TPU PP

PC PLA-CF PA-CF PET-CF

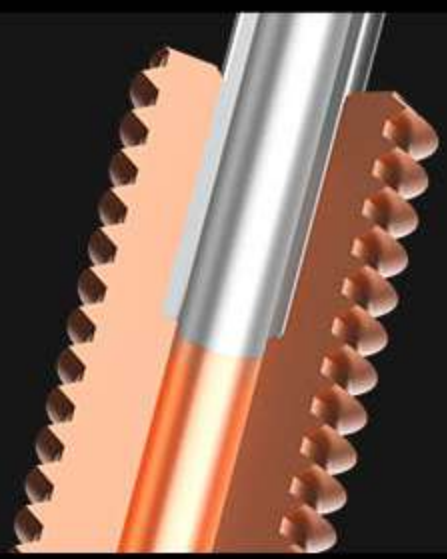


* The nozzle head is made of hardened steel (SKD11) material, with a Moh's hardness of 7.8, to provide a sixfold lifespan
* Copper alloy with a thermal conductivity coefficient of 330 W/m·K ensures even heating

Precision Craftsmanship, Crafted with Ingenuity

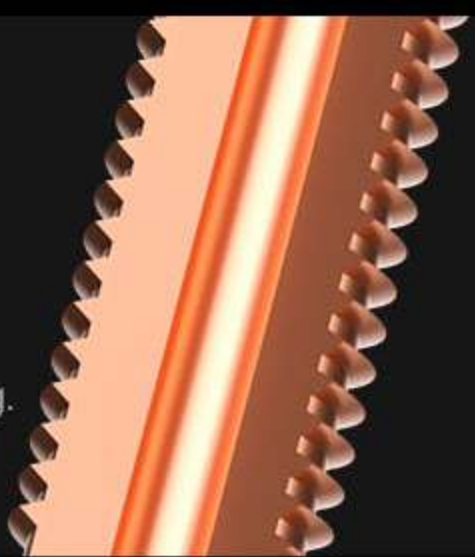
Tight fit, no leakage

Tightly fit joints effectively prevent filament leakage during printing.



Smooth inner walls, no blockage

Inner hole roughness Ra□0.4, ensuring smooth filament feeding.



Precision machining, impeccable craftsmanship

No burrs at the opening, stable printing with reduced clogging.



Product Specifications:

Nozzle Diameter:

0.4mm

Accessory List:

0.4mm

Package Dimensions:

40×96.5×18mm

Compatible Filaments:

PLA, ABS, PETG, TPU, PP, PC, PLA-CF,

PA-CF, PET-CF, etc.
